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Transmitted Via Overnight Courier

March 9, 2005

Mr. William P. Lovely, Jr. (MC HBO)
USEPA – New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
Former Oxbow Areas J and K (GECD420)
Conceptual Removal Design/Removal Action Work Plan

Dear Mr. Lovely:

Enclosed for your review is GE's *Conceptual Removal Design/Removal Action Work Plan for Former Oxbow Areas J and K.*

Please call Dick Gates if you have any questions or comments regarding this letter.

Sincerely,

Andrew T. Silfer / DAT

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

Attachments

V:\GE_Pittsfield_CD_Former_Oxbow_Areas_J_and_K\Reports and Presentations\Concept_RDRA_WP\12452196Ltr.doc

cc: Dean Tagliaferro, EPA
Tim Conway, EPA
Holly Inglis, EPA
Rose Howell, EPA*
Linda Palmieri, Weston (2 hard copies, compact disk and 1 extra copy of oversized figures)
K.C. Mitkevicius, USACE (compact disk)
Susan Steenstrup, MDEP (2 copies)
Anna Symington, MDEP*
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Public Information Repositories
GE Internal Repository

* *without attachments*

Conceptual Removal Design/ Removal Action Work Plan for Former Oxbow Areas J and K

Volume I of IV

General Electric Company
Pittsfield, Massachusetts

March 2005

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1. Introduction

1.1 General

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

For the Former Oxbow Areas J and K RAA, considered one of the Former Oxbow Areas under the CD and SOW, GE has previously submitted the following documents:

- *Pre-Design Investigation Work Plan for the Former Oxbow Areas J and K Removal Action* (PDI Work Plan) (June 2002);

- *Addendum to Pre-Design Investigation Work Plan* (PDI Work Plan Addendum) (January 2003);

- *Pre-Design Investigation Report for the Former Oxbow Areas J and K Removal Action* (Pre-Design Report) (July 2003);

- Preliminary Remedial Evaluations and Proposal for Supplemental Pre-Design Investigations (January 2004);

- Supplemental Pre-Design Investigation Report and Additional Sampling Proposal Letter (Supplemental Report) (June 2004); and

- Additional Supplemental PDI Report Letter (Additional Supplemental Report) (November 2004).

The above-referenced documents are further described in Section 2.

This *Conceptual Removal Design/Removal Action Work Plan for Former Oxbow Areas J and K* (Conceptual Work Plan) builds upon the results of prior activities conducted by GE over the last several years. Based on the results of the investigations described in the reports listed above, this Conceptual Work Plan summarizes the results of preliminary evaluations concerning the need for and scope of soil-related response actions to achieve the applicable Performance Standards for PCBs and other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

This Conceptual Work Plan presents: (1) the results of the pre-design investigation activities, including those for the supplemental and additional supplemental investigations, and additional analyses performed by EPA during these activities; (2) evaluations of both the PCB and non-PCB Appendix IX+3 data under existing conditions, incorporating the data mentioned above, to assess the need for soil-related remediation activities; (3) where necessary, a conceptual proposal for soil-related remediation activities; and (4) evaluations of PCBs and other Appendix IX+3 constituents in soil under post-remediation conditions (where relevant) to demonstrate that the proposed remediation activities will achieve the applicable Performance Standards under the CD and SOW.

1.2 Description of Former Oxbow Areas J and K

Former Oxbow Areas J and K encompass an area of approximately 8.5 acres located approximately 2,500 feet upstream of the Newell Street Bridge (Figure 1-1). Certain portions of this RAA originally consisted of land associated with oxbows and low-lying areas of the Housatonic River. Rechannelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and the United States Army Corps of Engineers (USACE) separated several of these oxbows and low-lying areas from the active course of the river. The former oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the current surface elevations and topography. Former Oxbow Area J encompasses an area of approximately

6 acres generally located north of the Housatonic River, south of East Street, and between Fasce and Commercial Street. As further discussed below, this area is somewhat larger than the area originally designated as Former Oxbow Area J in the SOW, due to a modification to the CD and SOW in February 2002 which expanded the RAA to include an adjacent property located to the east. Former Oxbow Area K encompasses an area of approximately 2.5 acres south of the Housatonic River across from Former Oxbow Area J and generally to the northeast of Ventura Avenue.

The RAA as defined in the SOW is composed of the following eleven properties:

Former Oxbow Area J

- Parcel K10-11-1;
- Parcel K10-11-2;
- Parcel K10-11-3;
- Parcel K10-11-5;
- Parcel K10-12-1; and
- Parcel K10-13-1.

Former Oxbow Area K

- Parcel K10-10-3;
- Parcel K10-10-4;
- Parcel K10-10-5;
- Parcel K10-10-6; and
- Parcel K10-10-33.

As discussed in the Preliminary Remedial Evaluations and Proposal for Supplemental Pre-Design Investigations (January 2004), based on the detailed survey that GE conducted at former Oxbow Areas J and K, certain property boundaries reflected in the legal title to certain of the properties within the RAA, particularly the properties in Former Oxbow Area K that abut the Housatonic River, do not match the current property configurations and uses by the owners. As proposed by GE in the January 2004 Preliminary Remedial Evaluations and Proposal for Supplemental Pre-Design investigations, and approved by EPA, GE has performed RD/RA evaluations pursuant to the CD and SOW for this RAA based on the current property configurations

shown on Figure 1-2. Although these configurations and parcel numbers may not match the title information in some respects, they do reflect current usage by the owners (i.e., the configurations considered by the owners to constitute their properties) and thus are more appropriate for determining averaging areas for RD/RA evaluation purposes.

The eleven properties shown above are identified on Figure 1-2. Each of these properties is non-GE-owned. Six of these properties abut the Housatonic River (i.e., K10-12-1, K10-11-2, K10-11-5, K10-10-3, K10-10-4, and K10-10-33). In addition, undeveloped Longview Terrace and the Parkside Avenue right-of-way (ROW) abut the river (Figure 1-2). Pursuant to the CD and SOW, both the riverbank and non-riverbank portions of these properties are part of this RAA.

As noted above, the boundaries of Former Oxbow Area J depicted originally in the CD and SOW were expanded in February 2002 through a modification of the CD and SOW. That modification resulted in the inclusion of an additional property in this RAA (Parcel K10-11-5), based on the detection of PCBs and fill material in soil at that property as part of an additional investigation performed by others and unrelated to the CD and SOW (Scalise Associates, 2001). While this and the other properties associated with Former Oxbow Area J (located on the north side of the river) are primarily commercial in nature, certain small and discontinuous areas within Former Oxbow Area J are designated in the CD and SOW as recreational areas. As approved by EPA, these smaller recreational areas have been combined into four larger recreational areas (R1, R2, R3A, and R3B). The recreational areas are subject to different Performance Standards than are the commercial properties with which they are associated and therefore are considered as separate averaging areas for the purposes of the RD/RA evaluations.

As shown on Figure 1-2, the recreational areas located at the City-owned, undeveloped Longview Terrace, the southern end of the west branch of the Zeno Street ROW, and the southwestern part of Parcel K10-12-1 are combined into a single recreational area designated as “R1.” Similarly, the recreational areas located at the east side of Parcel K10-11-1, the southeastern part of Parcel K10-12-1, the southern end of the east branch of the Zeno Street ROW, and the western side of Parcel K10-11-2 are combined into a single recreational area designated as “R2” (Figure 1-2). Finally, the small recreational area at the southeastern part of Parcel K10-11-2 has been identified as recreational area “R3A,” and the small recreational area in the southern part of Parcel K10-11-3 and the southwestern part of Parcel K10-11-5 has been designated as recreational area “R3B” (Figure 1-2).

As also shown on Figure 1-2, an undeveloped section of Longview Terrace and the Zeno Street ROW are located in the western portion of the Former Oxbow Area J. As required by EPA, the undeveloped section of Longview Terrace was evaluated as part of recreational area R1 during the RD/RA evaluations. As also required by EPA, the Zeno Street ROW was divided (along its centerline) and combined with adjacent Parcels K10-11-1, K10-12-1, and K10-13-1 for RD/RA evaluation purposes.

In accordance with the CD and SOW, Parcels K10-10-3, K10-10-4, and K10-10-33 at Former Oxbow Area K are considered recreational. Parcels K10-10-5 and K10-10-6 are considered residential. These adjacent parcels are under common ownership and are treated by the owner as one property. Therefore, as approved by EPA, Parcels K10-10-6 and K10-10-5 are evaluated as a single averaging area.

As required by EPA, the ROW for Parkside Avenue located north of Parcels K10-10-5 and K10-10-33 and south of Parcels K10-10-3 and K10-10-4 was divided (along its centerline) and combined with the adjacent parcels for RD/RA evaluation (Figure 1-2). As also required by EPA, the 50-foot residential PCB grid spacing used for Parcel K10-10-5 was extended north into the adjacent half of the Parkside Avenue ROW.

1.3 Scope and Format of Work Plan

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

Section 2 – Summary of Pre-Design Activities and Available Soil Data, provides a brief summary of the pre-design investigations and other activities conducted by GE at Former Oxbow Areas J and K, and presents the complete set of data used to evaluate the need for remediation to address PCBs and, where applicable, other Appendix IX+3 constituents in soil at the various averaging areas.

Section 3 – Summary of PCB and Appendix IX+3 Evaluation Procedures, provides an overview of the applicable PCB and Appendix IX+3 Performance Standards for the commercial and recreational averaging areas at Former Oxbow Areas J and K, and describes the procedures used to evaluate PCBs and other Appendix IX+3 constituents, as applicable, in existing soil and, where necessary, post-remediation conditions.

Section 4 – PCB and Non-PCB Soil Evaluations, presents the results of the PCB and Appendix IX+3 evaluations (as applicable) for each averaging area at Former Oxbow Areas J and K. This section first evaluates

the soil data for PCBs and other Appendix IX+3 constituents under existing conditions at the averaging areas to determine the need for remediation to achieve the applicable Performance Standards. This section includes an overall assessment of the PCB data in utility corridors. Where remediation is necessary, the proposed remediation to achieve the Performance Standards (i.e., soil removal/replacement) is then described and depicted on an attached figure. Further, for averaging areas where remediation is necessary to address PCBs and/or other constituents in soil, this section presents revised evaluations of post-remediation conditions for such constituents to demonstrate that the proposed remediation actions will achieve the applicable Performance Standards.

Section 5 – Preliminary Design Information and Future Design-Related Activities, discusses preliminary design and related information associated with the remediation actions proposed for Former Oxbow Areas J and K, as well as future design-related activities.

Section 6 – Schedule, presents GE's proposed schedule for future activities, including submission of the Final RD/RA Work Plan for Former Oxbow Areas J and K.

The discussions in the sections listed above are supported by tables, figures, and other evaluations presented in several appendices, as described in this Conceptual Work Plan.

Finally, it should be noted that this Conceptual Work Plan evaluates the need for and scope of response actions to achieve the soil-related Performance Standards set forth in the CD and SOW. Groundwater at Former Oxbow Areas J and K is being addressed separately as part of GE's groundwater-related activities for Groundwater Management Area (GMA 2) pursuant to the CD and SOW. At the present time, these activities consist of the performance of an interim groundwater monitoring program at GMA 2.

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

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

A summary of pre-design soil investigation activities is provided below.

2.2 Summary of Pre-Design Soil Investigations

GE performed pre-design soil investigations for the properties located within Former Oxbow Areas J and K between February and March 2003 in accordance with GE's EPA-approved PDI Work Plan and PDI Work Plan Addendum, additional sampling proposals as conditionally approved by EPA, and certain modifications agreed to by GE and EPA. These pre-design investigations (including the combined efforts of GE and EPA) involved the collection and analysis of a total of approximately 500 soil samples for PCBs and approximately 140 to 175 soil samples (depending on constituents) for other Appendix IX +3 constituents (excluding, with EPA's approval, pesticides and herbicides). These sampling and analysis activities were conducted in accordance with GE's *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2.1 Original Pre-Design Soil Investigations

GE's PDI Work Plan and PDI Work Plan Addendum proposed the scope of initial pre-design investigations for Former Oxbow Areas J and K. These submittals were conditionally approved by EPA in letters dated November 19, 2002 and January 13, 2003, respectively. GE performed the pre-design activities described in the PDI Work Plans between February 10, and March 10, 2003. The results of the pre-design sampling were reported in the Pre-Design Report (July 2003). The Pre-Design Report also included soil sampling results from certain historical soil investigations performed by EPA at Former Oxbow Areas J and K prior to and not associated with the pre-design investigation activities; specifically, the Pre-Design Report included the historical sample results that were considered usable or potentially usable to support RD/RA evaluations for this RAA. The validated results of these EPA analyses were provided to GE as part of a data exchange agreement between GE and EPA, and these results, with the exception of any sample results rejected in EPA's validation process, have also been considered in the RD/RA evaluations for this RAA. GE noted in the Pre-Design Report that supplemental sampling may be needed in portions of the RAA to support RD/RA evaluations to be presented in this Conceptual Work Plan and therefore proposed that if GE determined such supplemental sampling were needed, GE would present a proposal for such sampling.

2.2.2 Supplemental Soil Investigations

EPA conditionally approved the Pre-Design Report in a letter dated September 29, 2003 and directed GE to evaluate several potential data needs identified by EPA and to propose additional investigations to address those data needs. GE evaluated these data needs and submitted the Preliminary Remedial Evaluations and Proposal for Supplemental Pre-Design Investigations (January 2004) which proposed supplemental sampling to address those data needs. Those data needs related to the presence of PCBs and other non-PCB Appendix IX+3 constituents in RAA soils. EPA conditionally approved the proposed supplemental sampling in a letter dated March 29, 2004. In early May 2004, GE performed the supplemental sampling which included the collection of 88 soil samples from 30 locations at Former Oxbow Area J. Of those supplemental samples, 4 were analyzed for PCBs and 84 were analyzed for various Appendix IX+3 constituents. The results of that supplemental sampling were reported in the Supplemental Report (June 2004). Based on those results, GE identified certain additional areas where soil remediation may be required and determined that additional data were needed to support RD/RA evaluations. Therefore, GE proposed additional supplemental sampling for Appendix IX+3 constituents at recreational area R2 at Former Oxbow Area J. EPA conditionally approved that additional supplemental sampling in a letter dated August 26, 2004.

GE performed this additional supplemental sampling in between September 16 and September 20, 2004. GE presented the results of that additional supplemental sampling in the Additional Supplemental Report (November 2004), which EPA conditionally approved in a letter dated January 10, 2005. In addition to approving the additional supplemental sampling, EPA required that GE collect a deeper sample for Appendix IX+3 analysis (excluding pesticides/herbicides) at the 10- to 15-foot depth increment at Parcels K10-11-1 and K10-11-2. Earlier drilling refusals in these areas had previously prevented this sampling. These additional samples were collected on January 28, 2005 and the validated results are presented in this Conceptual Work Plan. The subsurface boring logs and data validation memorandum associated with these additional samples are provided as Appendix A and Appendix B of this Conceptual Work Plan, respectively. As discussed in the data validation memorandum, although qualification of certain of the data for each of these samples was necessary, 100% of these data are useable for RD/RA evaluations.

2.3 Soil Sample Results for Conceptual Work Plan

The locations of all soil samples used in this Conceptual Work Plan, including the historical, pre-design, and supplemental soil samples, are shown on Figure 2-1. The analytical results for all samples used in the evaluations presented in this Conceptual Work Plan are presented in Appendix C. Specifically, the analytical results from GE's pre-design investigations, including the several supplemental investigations, are presented in Table C-1 for PCBs and Table C-2 for other Appendix IX+3 constituents; the analytical results from EPA's sampling are presented in Table C-3 for PCBs and Table C-4 for other Appendix IX+3 constituents; and the useable analytical results from prior (historical) investigations at this RAA are presented in Table C-5 for PCBs and Table C-6 for other Appendix IX+3 constituents.

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

3.1 General

This section provides a description of the procedures used by GE to determine the need for and scope of remediation actions to achieve the PCB and Appendix IX+3 Performance Standards specified in the SOW for the averaging areas located within Former Oxbow Areas J and K. This section also provides an overview of the PCB evaluation procedures (Section 3.2), followed by an overview of the evaluation procedures for other Appendix IX+3 constituents (Section 3.3).

3.2 Summary of PCB Evaluation Procedures

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

3.2.1 PCB-Related Performance Standards

For the Former Oxbow Areas at the CD Site, which include Former Oxbow Areas J and K, the Performance Standards related to the presence of PCBs in soil are set forth in Paragraph 26 of the CD and Section 2.3.2 of the SOW. The pertinent Performance Standards related to the presence of PCBs in soil at Former Oxbow Areas J and K may be summarized as follows:

- GE must make “best efforts” (as defined in the CD) to obtain EREs at non-residential properties not owned by GE, which are all of the properties within this RAA. If an ERE cannot be obtained at non-GE-owned non-residential property, GE must implement a Conditional Solution. The scope of soil-related response actions at each of the properties in Former Oxbow Areas J and K therefore is dependent on whether an ERE

is obtained or a Conditional Solution will be implemented. GE has attempted to obtain EREs at each of the seven parcels included in this RAA, as discussed below.

- For the commercial averaging areas (which consist of portions of Parcels K10-11-1, K10-11-2, K10-11-3, K10-11-5, K10-12-1, and K10-13-1, GE must achieve the following standards:

  – For areas where an ERE is obtained, if the spatial average PCB concentration in the top foot of soil in the unpaved portion of the area exceeds 25 ppm, GE must remove and replace soils as necessary to achieve that average concentration in such portion. For the paved portion of the area, if the spatial average PCB concentration exceeds 25 ppm in the top foot of soil, GE must either remove and replace soils as necessary to achieve that spatial average concentration or enhance the pavement in such portion in accordance with the specifications for pavement enhancement in the SOW. In addition, considering both paved and unpaved portions together, GE must remove/replace soils as necessary to achieve a spatial average PCB concentration of 200 ppm in the 1- to 6-foot depth increment and must install an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment exceeds 100 ppm.

  - For areas where an ERE cannot be obtained, GE must implement a Conditional Solution, which includes soil removal/replacement as necessary to achieve spatial average PCB concentrations of 25 ppm in both the top foot of soil (considering paved and unpaved portions together) and the top 3 feet of soil and 200 ppm in the 1- to 6-foot depth increment, and installation of an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment exceeds 100 ppm.

- For the recreational averaging areas (which consist of Parcels K10-10-3, K10-10-4, and K10-10-33, recreational areas R1, R2, and R3), GE must achieve the following standards:

  - For areas where an ERE is obtained, GE must remove/replace soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 15 ppm in the 1- to 3-foot depth increment, and must install an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment exceeds 100 ppm.

  - For areas where an ERE cannot be obtained, GE must implement a Conditional Solution which includes soil removal/replacement to achieve a spatial average PCB concentration of 10 ppm in both the top foot

and the top 3 feet of soil, and installation of an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth interval exceeds 100 ppm.

- Further, at each of the above areas that exceeds 0.5 acre in size, if GE elects to consider the entire area as an averaging area, GE must ensure the removal of all soils in the top foot in unpaved portions that contain PCB concentrations greater than 125 ppm at commercial areas and 50 ppm at recreational areas – the "not-to-exceed" (NTE) levels. Alternatively, GE may establish averaging areas that do not exceed 0.5 acre in size or may propose other specific averaging areas to EPA for approval, in which case the above NTE PCB levels will not apply.

- For residential properties, GE is required to calculate spatial average PCB concentrations for the 0- to 1-foot and 1- to X-foot depth increments, where X equals the depth at which PCBs have been detected (up to a maximum of 15 feet). If the spatial average PCB concentration in the 0- to 1-foot or 1- to X-foot depth increment exceeds 2 ppm, GE must remove and replace soils as necessary to achieve a spatial average PCB concentration at or below 2 ppm in each of those depth increments. In addition, for any residential parcel that exceeds 0.25 acre in size, GE must remove all soils containing PCB concentrations greater than 10 ppm from the top foot in unpaved portions of such parcel.

- In addition, at all areas where subgrade utilities potentially subject to emergency repair requirements are present, if the spatial average PCB concentration in the utility corridor exceeds 200 ppm, GE must evaluate whether any additional response actions are necessary. Further, if subgrade utilities are installed, repaired, or replaced, GE must ensure that the spatial average PCB concentration in the backfill material is less than 25 ppm at commercial areas and less than 10 ppm in the top 3 feet and 25 ppm at greater depths for recreational areas.

3.2.2 Status of EREs

As discussed above, Former Oxbow Areas J and K comprises eleven parcels, nine of which are commercial or recreational. None of the parcels at this RAA is owned by GE.

The owner of Parcel K10-11-5 has informed GE that he is interested in executing an ERE for this parcel. GE is continuing discussions with this property owner concerning the form and terms of the ERE, and is also investigating the encumbrance holders from which subordination agreements will be needed. Therefore, GE has

prepared this Conceptual Work Plan to ensure that Parcel K10-11-5 would meet the applicable Performance Standards either for properties with an ERE or for properties with a Conditional Solution. Recreational area R3B is located in part on Parcel K10-11-5 and in part on Parcel K10-11-3. The owner of Parcel K10-11-3 had advised GE that he does not intend to execute an ERE for that parcel. Therefore, depending on whether an ERE is recorded for Parcel K10-11-5, recreational area R3B might be subject to a Conditional Solution or might be subject in part to a Conditional Solution and in part to an ERE. Accordingly, GE has prepared this Conceptual Work Plan to ensure that recreational area R3B would meet the applicable Performance Standards either for properties with an ERE or for properties with a Conditional Solution. The owners of each of the other commercial and recreational parcels within this RAA have advised GE that they have decided not to execute EREs for their parcels. Therefore, GE will implement Conditional Solutions at each of these parcels.

3.2.3 Area-Specific PCB Evaluation Procedures

The procedures (described below) used to evaluate PCB concentrations in the soil in this Conceptual Work Plan were those established in Attachment E to the SOW (Protocols for PCB Spatial Averaging). The PCB evaluations presented in this Conceptual Work Plan incorporate the usable PCB data from historical samples and the pre-design soil PCB data, including the data from supplemental soil samples. The locations of the samples used in these evaluations are shown on Figure 2-1.

The initial task in the PCB evaluation process for the Former Oxbow Areas J and K properties was to assess the PCB concentrations in soil under existing conditions. This task involved two general steps. First, for averaging areas to which the NTE levels specified above apply (i.e., commercial or recreational areas that exceed 0.5 acre in size and residential areas that exceed 0.25 acre in size), the discrete PCB concentrations in the top one foot of soil in unpaved portions were compared to the applicable NTE levels – i.e., 125 ppm for commercial areas, 50 ppm for recreational areas, and 10 ppm for residential areas. Second, spatial average PCB concentrations were calculated for each relevant depth increment at each averaging area using the polygon-based spatial averaging techniques described in Attachment E to the SOW. These techniques involve the following sub-steps:

- For each area and depth subject to PCB spatial average calculations, a detailed site plan was first developed to illustrate the following: property/area boundaries; surface topography; soil sampling locations within and adjacent to the area; presence of roadways, utilities, easements, etc.; presence of buildings, pavement, and other permanent structures; and other significant site features.

- Next, Theissen polygon maps were developed 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 were modified to reflect actual site conditions, presence/absence of soil at a given depth, locations of property ownership lines, or other specific or unique site considerations. These polygons did not include the areas under existing buildings. Once the Theissen polygon mapping was complete, all of the soil areas and depths potentially subject to response actions were adequately characterized for use in subsequent evaluations. After generation of the Theissen polygons, polygon identification numbers were assigned to each polygon and the surface area of each polygon was calculated.

- Computer spreadsheets were then prepared to combine information obtained from the 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 was based on the surface area of the polygon multiplied by the corresponding depth of soil for which samples were collected. Using the information described above, a spatial average PCB concentration was derived by multiplying the volume of each polygon by its assigned PCB concentration, summing the results of this calculation for each polygon involved in the evaluation, and then dividing that sum by the cumulative soil volume associated with all of the polygons. This procedure yields a spatial average PCB concentration that incorporates both volume- and area-weighted considerations.

The resulting spatial average PCB concentrations were then compared to the applicable PCB Performance Standards specified in Section 3.2.1 above to determine whether soil remediation is necessary to address PCBs and, if so, the type of remediation required under the CD and SOW.

For areas where there were exceedances of the applicable NTE levels in the top foot of unpaved soil or where the spatial average PCB concentrations exceeded the applicable Performance Standards, a remediation proposal was developed. For this RAA, all proposed remediation activities consist of soil removal/replacement. For such areas, an evaluation was then conducted to confirm that the proposed soil removal/replacement would achieve the applicable PCB Performance Standards. In accordance with the procedures for post-remediation evaluations in Attachment E to the SOW, this evaluation consisted of the following steps: First, the spatial averaging

procedures described above were used to assess the PCB concentrations at each averaging area in its post-remediation condition by: (1) assuming the removal of soils within the subject polygon to the required depth; (2) assuming that the excavated soils are replaced with backfill material that contains PCBs at an assumed concentration of 0.021 ppm, the average concentration of PCBs in sampled backfill sources, as indicated in Table 2 of GE's *Proposed Backfill Data Set for CD Sites* (March 11, 2003); and (3) recalculating the post-remediation spatial average PCB concentration(s). The post-remediation spatial average PCB concentrations were then compared to the applicable Performance Standards to ensure that the proposed remediation will achieve such Performance Standards.

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

3.2.4 Utility Corridor Evaluations

As described in the Pre-Design Report, where subsurface utilities potentially subject to future emergency repairs are present at Former Oxbow Areas J and K, GE collected PCB samples within an approximately 50-foot wide band centered on each of the utilities (i.e., located within approximately 25 feet from the centerline of the utility) at linear intervals of approximately 100 to 150 feet along the utility and at a depth corresponding to the depth of the utility. As specified in Section 3.2.1, if the spatial average PCB concentration in a utility corridor exceeds 200 ppm, GE must evaluate whether any additional response actions are necessary. At this RAA, however, as discussed further in Section 4.16, there was only one sample, RAA15-B20 (0- to 1-foot depth increment) where a PCB concentration was greater than 200 ppm in any of the individual samples collected within or near the utility corridors. Removal is planned at the RAA15-B20 location due to the elevated level PCBs there. As a result, there will be no PCB results greater than 200 ppm in any of the utility bands, so spatial averaging is not necessary for this evaluation.

3.3 Summary of Appendix IX+3 Constituent Evaluation Procedures

This section describes the procedures used to evaluate non-PCB Appendix IX+3 constituents in soil. As with PCBs, the other Appendix IX+3 constituents have been evaluated first for each averaging area in its existing condition; and then, for each such area where the applicable Performance Standards are not met, remediation is proposed and post-remediation conditions are evaluated to ensure achievement of the Performance Standards. This section includes an overview of the applicable Performance Standards, an overview of the evaluation

process used to assess achievement of those standards, and a more detailed description of some of the specific evaluation procedures used. The latter include: application of screening criteria; the procedures used to assess dioxins/furans; comparisons to Method 1 soil standards specified in the Massachusetts Contingency Plan (MCP); procedures used for area-specific risk evaluations (where necessary); and procedures used to take account of the proposed remediation (where necessary). The evaluation results are summarized on an area-by-area basis in Section 4, with supporting documentation provided in Appendix E (evaluation tables) and Appendix F (risk evaluations).

3.3.1 Applicable Performance Standards

The applicable Performance Standards for non-PCB Appendix IX+3 constituents in soil at Former Oxbow Areas J and K are included in Section 2.3.2 of the SOW. These standards include the following:

- For dioxins and furans, total TEQ concentrations must be calculated using the Toxicity Equivalency Factors (TEFs) developed by the World Health Organization (WHO) (van den Berg J. et al., *Environ. Health Perspectives*, Vol. 106, No. 12, Dec. 1998). Either the maximum TEQ concentration or the 95% percent upper confidence limit on the mean (95% UCL) of the TEQ data must be below certain PRGs developed or approved by EPA for dioxin/furan TEQs. These PRGs are: for commercial areas, 5 parts per billion (ppb) in the top foot of soil and 20 ppb in subsurface soil; for recreational areas, 1 ppb in the top foot and 1.5 ppb in the 1- to 3-foot depth interval, and for residential areas, 1 ppb. In addition, EPA has previously requested in a May 24, 2002 comment letter on the Conceptual RD/RA Work Plan for the Newell Street Area I (another of the Former Oxbow Areas under the CD and the SOW), that GE also compare the maximum or 95% UCL TEQ concentrations to the following TEQ criteria, although these are not Performance Standards specified in the CD or SOW: 5 ppb for the 0- to 3-foot depth increment at commercial areas that will not have EREs; 1 ppb for the 0- to 3-foot depth increment at recreational areas that will not have EREs; and 20 ppb for soils below 3 feet at all recreational areas.

- For other non-PCB constituents, any combination of the following must be achieved: (1) maximum concentrations of individual constituents that do not exceed the Screening PRGs established or approved by EPA (as discussed below); or (2) for the remaining constituents, average concentrations that either: (a) do not exceed the MCP Method 1 soil standards (or Method 2 standards, if developed); or (b) are shown through an area-specific risk evaluation to have cumulative risk levels that do not exceed (after rounding) an excess lifetime cancer risk of 1×10^{-5} and a non-cancer Hazard Index of 1.

3.3.2 Overview of Evaluation Process

The initial task performed in the evaluation of the non-PCB constituents in soil at Former Oxbow Areas J and K was to assess such constituents in soil at each averaging area under existing conditions, based on all available Appendix IX+3 data collected from that area, without considering PCB-related remediation. This assessment consisted of several steps:

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

- Second, for dioxin/furan TEQs, the maximum concentration or 95% UCL (whichever is lower) at each area and relevant depth increment was compared to the applicable dioxin/furan PRG described above (as well as those additional criteria requested by EPA). This step is discussed further in Section 3.3.4.

- Third, for those constituents (other than dioxin/furan TEQs) that were not screened out in Step 1, the existing average concentrations of each such constituent were calculated for the same depth increments used for the required PCB evaluations, as specified in Section 3.2.1. These average concentrations were then compared to the MCP Method 1 soil standards for such constituents. This step is discussed further in Section 3.3.5 below.

- Fourth, for averaging areas where there were exceedances of the Method 1 soil standards in any depth increment but such exceedances were not significantly above the Method 1 soil standards, an area-specific risk evaluation was conducted for the same constituents evaluated in Step 3 and in accordance with the procedures specified for such evaluations in the SOW. This step is discussed further in Section 3.3.6.

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

through 4 of the above-described process, as necessary, to demonstrate that the proposed remediation will achieve the applicable Performance Standards for non-PCB constituents. The specific procedures used to take account of the proposed soil removal/replacement in these post-remediation evaluations are discussed further in Section 3.3.7 below.

3.3.3 Screening Evaluation Procedures

As noted above, the first step in the evaluation of non-PCB Appendix IX+3 constituents in soil under existing conditions at the averaging areas at Former Oxbow Areas J and K was the performance of a screening evaluation. In this step, the maximum concentrations of all detected constituents (other than dioxins/furans) were compared to the EPA Region 9 PRGs, as set forth in Exhibit F-1 to Attachment F of the SOW, using industrial PRGs for commercial areas and residential PRGs for residential and recreational areas. However, for certain constituents, EPA Region 9 PRGs are not available. For some of these constituents, the SOW identifies surrogate PRGs that may be used for screening purposes. Specifically, in accordance with the SOW, for PAHs for which EPA Region 9 PRGs do not exist, the EPA Region 9 PRG for benzo(a)pyrene was used for carcinogenic PAHs and the EPA Region 9 PRG for naphthalene was used for non-carcinogenic PAHs. In addition, for certain other constituents that do not have EPA Region 9 PRGs, this screening step used the PRGs for several surrogate compounds which have previously been proposed for use at other RAAs. The Region 9 PRGs and surrogate PRGs used in this step are jointly referred to herein as the "Screening PRGs." In addition, for one averaging area (recreational area R2), GE screened out one substance (3-methylcholanthrene) based on very low frequency of detection. This substance was detected once out of 28 samples.

3.3.4 Dioxin/Furan Evaluation Procedures

For each dioxin/furan sample, a total TEQ concentration was calculated using the WHO TEFs. In making these calculations, the concentrations of the individual dioxin/furan compounds that were not detected in a given sample were represented as one-half the analytical detection limit for such compounds. Then, for each averaging area and relevant depth increment, the maximum TEQ concentration was compared to the applicable PRG identified in the SOW for that type of area and depth, as specified in Section 3.3.1 above. In addition, at EPA's request, the maximum TEQ concentrations within the additional depth increments specified in EPA's May 24, 2002 comment letter on the Conceptual Work Plan for the Newell Street Area I were compared to the TEQ criteria specified in that letter (as also stated in Section 3.3.1), although these comparison criteria are not Performance Standards under the CD or SOW. If the maximum TEQ concentrations at each averaging area

were less than the applicable PRGs (or other comparison criteria requested by EPA), it was concluded that no further response actions are necessary to address dioxin/furan TEQs.

3.3.5 Comparisons to MCP Method 1 Soil Standards

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

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

For commercial areas, it was assumed that: (1) children are generally not present; (2) adult workers in the commercial operations would have a high frequency of use (based on the potential for such individuals to be present for 8 hours or more per day on a continuing basis), but would have low intensity of use since such individuals would typically not be engaged in activities that would disturb the soil; and (3) if groundskeepers are present, they could have a high intensity of use but would have a low frequency since they would not be expected to engage in grounds keeping activities for full days on a continuing basis. Based on these considerations, the Method 1 S-2 soil standards were selected to apply to surface soils within the upper 3 feet of the area – i.e., the 0- to 1-foot and the 0- to 3-foot depth increments. Category S-3 was determined to apply to subsurface soils, including the 1- to 6-foot and the 0- to 15-foot depth increments.

For recreational areas, it was conservatively assumed that both child and adult use could occur, and that the potential frequency and intensity of such use could be “high” for soils in the top 3 feet. As a result, the Method 1 S-1 soil standards were selected to apply to soils located within the upper 3 feet of each such area – i.e., the 0- to 1-foot and 1- to 3-foot or 0- to 3-foot depth increments (as applicable). For deeper soils, it was assumed that children would not have both a high frequency and high intensity of use; hence, the Method 1 S-2 standards were determined to apply to the 0- to 15-foot depth increment.

For residential areas, the SOW provides for the use of Method 1 S-1 standards. Therefore for the 0- to 1-foot depth increment and for the 1- to X-foot increment (where X is the maximum depth at which PCBs were detected, down to 15 feet), the average concentration in each depth increment was compared to Method 1 S-1 standards.

It should also be noted that the numerical values of the Method 1 soil standards can vary depending on the applicable MCP groundwater classification. For Former Oxbow Areas J and K, two MCP groundwater classifications apply, depending on the specific location within the RAA: GW-2 groundwater is groundwater located within 15 feet of the ground surface and within 30 feet of occupied structures, while GW-3 groundwater applies to all areas within the RAA. For nearly all the constituents that were subject to this phase of the Appendix IX+3 evaluations at Former Oxbow Areas J and K, the Method 1 soil standards for a given soil category are the same regardless of whether the groundwater is classified as GW-2 or GW-3. However, where there are differences, the more stringent soil standards were used. At Parcel K10-11-2, there is one constituent (3-methylcholanthrene) detected in 3 of 17 samples for which there is no Method 1 standard. For this substance, the constituent was passed through the Method 1 process for risk evaluation.

3.3.6 Area-Specific Risk Evaluations

For a number of commercial and recreational averaging areas at which the MCP Method 1 soil standards were exceeded for one or more non-PCB Appendix IX+3 constituents (other than dioxins/furans) in one or more of the relevant depth increments, area-specific risk evaluations were performed for these constituents. Such area-specific risk-evaluations were performed for six commercial and four recreational areas. For five of these areas (where the exceedances of the Method 1 soil standards were not substantial), the risk evaluation was performed for existing conditions, while for the one remaining area the risk evaluation was performed for post-remediation conditions.

In accordance with the procedures specified in the SOW for area-specific risk evaluations, where an area-specific risk evaluation was conducted, that evaluation was performed for all constituents that were retained for evaluation prior to the comparison to MCP Method 1 soil standards, and was based on the same average concentrations of those constituents that were used in the comparisons to Method 1 standards. These evaluations were based on the same use and exposure scenarios that were assumed in developing the applicable PCB Performance Standards, as set forth in EPA's PCB risk evaluation in Attachment A to Appendix D to the CD. For the commercial areas, these are the commercial/industrial groundskeeper scenario for the 0- to 1-foot

and 0- to 3-foot depth increments and the utility worker scenario for the 1- to 6-foot depth increment. For the recreational areas, the scenario evaluated was the child recreational user scenario for the 0- to 1-foot depth increment; and since EPA did not evaluate any specific exposure scenario for the 1- to 3-foot depth increment, the same child recreational user scenario was also applied to that increment or the 0- to 3-foot depth increment (as applicable) to be conservative. No risk assessments were necessary or performed for the residential property at this RAA.

In addition, the risk evaluations that were performed used the same exposure assumptions and parameter values that were used by EPA in Attachment A to Appendix D to the CD for developing the PCB Performance Standards for the same scenarios, except that for chemical-specific parameters (i.e., oral and dermal absorption factors), the evaluations used 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) (or, where such values are not available on IRIS, values taken from other EPA or MDEP sources), together with EPA's recommended Relative Potency Factors (RPFs) for carcinogenic PAHs.

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

For averaging areas where lead was retained, a different procedure had to be used since there are no EPA-prescribed toxicity values for lead. In accordance with EPA guidance, lead was evaluated through the use of conservative models developed by EPA, including the Adult Lead Methodology (ALM) for the groundskeeper scenario at commercial areas and the Integrated Exposure Uptake Biokinetic Model (IEUBK) for the child recreator scenario at the recreational areas. These models were used to back-calculate risk-based concentrations (RBCs) for lead in soil for use in the area-specific risk evaluations. These RBCs are 2,008 ppm for the adult groundskeeper scenario at the commercial areas and 1,313 ppm for the child recreator scenario at the recreational areas. Since highly intermittent exposures are not well represented by the ALM model, that model could not be applied to back-calculate an RBC for the utility worker scenario applicable to the 1- to 6-foot depth increment at commercial areas. Instead, based on agreement between EPA and GE, the average lead concentration for that depth interval at such areas was evaluated by comparison to a default level equivalent to the MCP Upper Concentration Limit (MCP UCL) for lead of 6,000 ppm. The above RBCs and default

comparison level were previously approved by EPA for use in evaluating lead exposure in the area-specific risk evaluations at Newell Street Area I.

The area-specific risk evaluations performed for Former Oxbow Areas J and K parcels are described and the results presented in Appendix D to this Conceptual Work Plan, which was prepared at GE's request by GE's risk assessment consultant, AMEC Earth & Environmental. The results are summarized, where applicable, in the area-specific evaluations presented in Section 4. Finally, it should be noted that EPA's PCB risk evaluation in Attachment A to Appendix D of 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 Standards for that depth increment (100 ppm) is the MCP UCL for PCBs in soil, the average concentrations of the retained non-PCB constituents in the 0- to 15-foot depth increment at each area subject to an area-specific risk evaluation have been compared to the MCP UCLs for those constituents. Where no UCL exists for a particular constituent, the UCL for a surrogate constituent has been used, based on the structural similarity of the constituents.

3.3.7 Post-Remediation Evaluations

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

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

to be conservative. For example, if soil removal is proposed to address a sample collected from the 1- to 3-foot depth increment, the post-remediation evaluation for the 0- to 1-foot depth increment at that area did not incorporate that soil removal, even though the removal will in fact remove some of the soil from the top foot. Rather, the post-remediation evaluation for the 0- to 1-foot depth increment was based on existing conditions and only the post-remediation evaluations for the depth intervals that include the 1- to 3-foot depth increment took account of the soil removal.

4. PCB and Non-PCB Soil Evaluations

4.1 General

This section presents the results of the area-specific PCB and Appendix IX+3 evaluations which were performed for the identified averaging areas within Former Oxbow Areas J and K Area in accordance with the evaluation procedures summarized in Section 3 of this Conceptual Work Plan.

In this section, the following information is presented for each of the averaging areas located within Former Oxbow Areas J and K:

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

Following the discussion of above-referenced area-specific evaluations, this section presents a utility corridor evaluation summary for PCBs. Finally, this section presents an overall summary of the remediation actions proposed for Former Oxbow Areas J and K, including soil removal volumes.

In support of the evaluations presented in this section, GE has prepared backup documentation for these evaluations. Specifically, the spatial averaging tables and Theissen polygon maps developed in support of the area-specific PCB evaluations are presented in Appendix D. The evaluation tables developed in support of the Appendix IX+3 evaluations summarized herein are presented in Appendix E. Finally, the area-specific risk evaluations are presented in Appendix F.

4.2 Evaluations for Parcel K10-13-1 (Commercial)

As shown on Figure 1-2, the commercial portion of Parcel K10-13-1 is bordered by East Street to the north, Parcel K10-12-1 to the south, Parcel K10-11-1 to the east, and recreational area R1, including the undeveloped Longview Terrace, to the west. At EPA's direction, the PDI sampling and RD/RA evaluation for this area also extends to the east and south to the centerline of the Zeno Street Right-of-Way (Figure 1-2). This parcel is non-GE- owned and the owner has decided not to execute an ERE. Hence, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot (considering paved and unpaved portions together) and 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment. Further, if, after incorporating any response action for the uppermost 3 feet, the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.2.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the commercial portion of Parcel K10-13-1 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.2 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix B and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-1	0.48	25
0 – 3'	D-2	1.65	25
1 – 6'	D-3	1.35	200
0 – 15'	D-4	0.62	100

As indicated in the preceding table, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.2.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the commercial portion of Parcel K10-13-1 are presented in Table E-1. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.2.2.1 Screening Evaluation

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

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Dibenzo(a,h)anthracene
- Antimony
- Arsenic
- Cyanide
- Lead

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

4.2.2.2 Evaluation of Retained Constituents

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

Tables E-3 through E-6 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain other constituents have existing average concentrations greater than the applicable Method 1 soil standards in the 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. Therefore, as discussed below, GE is proposing to remove soil in the vicinity of sample location RAA15-E2 due to elevated levels of antimony and lead.

4.2.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the commercial portion of Parcel K10-13-1 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 67 cubic yards of soil. Performance of these activities will result in the achievement of the applicable Performance Standards, as demonstrated in Section 4.2.4 and 4.2.5, respectively.

4.2.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation will remove soil in the top three feet around sample location RAA15-E2. While existing concentrations of PCBs prior to this remediation already achieved the specified PCB Performance Standards noted in Section 4.2.1, this remediation will further lower the PCB concentrations for the relevant depth increments at this parcel.

4.2.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-1, GE will remove certain soils associated with the 1- to 3-foot depth increment at sample location RAA15-E2 due to elevated antimony and lead concentrations. Tables E-7 through E-9 present the post-remediation conditions for non-PCB constituents with respect to Method 1 standards in the 0- to 3-foot depth, 1- to 6-foot depth, and 0- to 15-foot depth increments. As discussed in Section 3.3.7, although the proposed remediation will also remove soil from the top foot, Table E-3, which presents the evaluation of Appendix IX+3 constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown on these tables, post-remediation averages for antimony

and lead will slightly exceed applicable Method 1 standards following removal. Accordingly, an area-specific post-removal risk evaluation has been performed for the soils at this area.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under post-removal conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 3-foot, and 1- to 6-foot depth increments are below the benchmarks specified in the SOW, and that the average lead concentration for each of these depth increments is below the applicable RBC of 2,008 ppm and 6,000 ppm, respectively. For the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-10. For these reasons, the remediation proposed above for the commercial portion of Parcel K10-13-1 will achieve the applicable Performance Standards for this area and no further sampling or remediation will be required.

4.3 Evaluations for Parcel K10-12-1 (Commercial)

As shown on Figure 1-2, the commercial portion of Parcel K10-12-1 is bordered by Parcel K10-13-1 to the northwest, Parcel K10-11-1 to the northeast, recreational area R1 including the undeveloped Longview Terrace to the west, and the Housatonic River to the south. At EPA's direction, the PDI sampling and RD/RA evaluation for this area also extends northeast and northwest to the centerline of the Zeno Street Right-of-Way (Figure 1-2). As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot (considering paved and unpaved portions together) and 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment. Furthermore, if, after incorporation any response action anticipated for the uppermost 3 feet, the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.3.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the commercial portion of Parcel K10-12-1 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.3 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-5	1.25	25
0 – 3’	D-6	2.78	25
1 – 6’	D-7	1.99	200
0 – 15’	D-8	0.84	100

As indicated in the preceding table, none of the existing average PCB concentrations exceeds the corresponding Performance Standard. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.3.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the commercial portion of Parcel K10-12-1 are presented in Table E-11. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.3.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-12 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in Table E-12, the following remaining constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.3.2.2 Evaluation of Retained Constituents

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

Tables E-13 through E-16 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing average concentrations greater than the applicable Method 1 soil standards in the 0-to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. Accordingly, an area specific risk-evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 6-foot depth increments are below the benchmarks specified in the SOW. For the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-17. As a result, no remediation is necessary to achieve the specified Performance Standards that are applicable to this area.

4.4 Evaluations for Parcel K10-11-1 (Commercial)

As shown on Figure 1-2, the commercial portion of Parcel K10-11-1 is bordered by East Street to the north, recreational area R2 and Parcel K10-11-2 to the east, Parcel K10-12-1 to the south, and Parcel K10-13-1 to the west. At EPA's direction, the PDI sampling and RD/RA evaluation for this area also extends west and south to the centerline of the Zeno Street Right-of-Way (Figure 1-2). As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot (considering paved and unpaved portions together) and 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment. Furthermore, if, after incorporating any response action anticipated for the uppermost 3 feet, the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment,

an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.4.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the commercial portion of Parcel K10-11-1 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.4 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-9	0.55	25
0 – 3’	D-10	3.74	25
1 – 6’	D-11	3.24	200
0 – 15’	D-12	1.21	100

As indicated in the preceding table, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.4.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the commercial portion of Parcel K10-11-1 are presented in Table E-18. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.4.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-19 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in

that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.4.2.2 Evaluation of Retained Constituents

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

Tables E-20 through E-23 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, none of the samples had dioxin/furan TEQ concentrations greater than the applicable PRG or other comparison criterion. However, certain other constituents have existing average concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. Therefore, as discussed below, GE is proposing to remove soil in the vicinity of sample location RAA15-E5 due to elevated levels of PAHs.

4.4.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the commercial portion of Parcel K10-11-1 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 24 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 performance standards, as demonstrated in Section 4.4.4 and 4.4.5, respectively.

4.4.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation will remove soil in the top foot around sample location RAA15-E5. While existing concentrations of PCBs prior to this remediation already achieved the specified PCB Performance Standards noted in Section 4.4.1, this remediation will further lower the PCB concentrations for the relevant depth increments at this parcel.

4.4.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-1, GE will remove certain soils associated with the 0- to 1-foot depth increment at sample location RAA15-E5 due to elevated PAH concentrations. Tables E-24 through E-26 present the post-remediation conditions for non-PCB constituents with respect to Method 1 standards in the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. Since the proposed remediation will not affect the 1- to 6-foot depth increment, the table presenting existing conditions for that depth increment (Table E-22) has been used to evaluate the post-remediation conditions for that depth increment. As shown on these tables, post-remediation averages for certain of the PAHs will slightly exceed applicable Method 1 standards following removal. Accordingly, an area-specific post-removal risk evaluation has been performed for the soils at this area.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under post-removal conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 6-foot depth increments are below the benchmarks specified in the SOW. For the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-27. For these reasons, the remediation proposed above for the commercial portion of Parcel K10-11-1 will achieve the applicable Performance Standards for this area and no further sampling or remediation will be required.

4.5 Evaluations for Parcel K10-11-2 (Commercial)

As shown on Figure 1-2, the commercial portion of Parcel K10-11-2 is bordered by East Street to the north, Parcel K10-11-3 and recreational area R3B to the east, Parcel K10-11-1 and recreational area R2 to the west, and recreational area R3A and the Housatonic River to the south. As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm

in the top foot (considering paved and unpaved portions together) and 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment. Furthermore, if, after incorporating any response action anticipated or the uppermost 3 feet, the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is greater than 0.5 acre in size, the maximum PCB concentration in the top foot of unpaved soils in this area must be less than the 125 ppm NTE concentration for commercial properties.

4.5.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process for the commercial portion of Parcel K10-11-2 involved the identification of all soil sample locations in the top foot of unpaved portions with PCB concentrations greater than 125 ppm, the applicable NTE level. This evaluation revealed no such exceedances of the NTE value. The next step in the PCB evaluation process for this area involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.5 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-13	42.33	25
0 – 3’	D-14	25.43	25
1 – 6’	D-15	7.75	200
0 – 15’	D-16	9.42	100

As indicated in the preceding table, the existing average PCB concentrations for the 0- to 1-foot and 0- to 3-foot depth increments exceed the corresponding Performance Standards. As a result, remediation is required to achieve the applicable PCB Performance Standards at this area.

4.5.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the commercial portion of Parcel K10-11-2 are presented in Table E-28. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.5.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-29 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.5.2.2 Evaluation of Retained Constituents

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

Tables E-30 through E-33 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, none of the samples had dioxin/furan TEQ concentrations greater than the applicable PRG or other comparison criterion. However, certain PAH compounds have average concentrations greater than the applicable Method 1 soil standard in the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. Therefore, as discussed below, GE is proposing to remove soil in the vicinity of sample location RAA15-C11 due to elevated levels of PAHS.

4.5.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the commercial portion of Parcel K10-11-2 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 271 cubic yards of soil. Performance of these activities will result in the achievement of the applicable PCB and Appendix IX+3 performance standards, as demonstrated in Section 4.5.4 and 4.5.5, respectively.

4.5.4 PCB Evaluation – Post-Remediation Conditions

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

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-17	13.12	25
0 – 3’	D-18	15.69	25
0 – 15’	D-19	7.47	100

4.5.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-1, GE will remove certain soils associated with the 1- to 3-foot depth increment at sample location RAA15-C11 due to elevated PAH concentrations. Tables E-34 through E-36 present the post-remediation conditions for non-PCB constituents with respect to Method 1 standards in the 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As discussed in Section 3.3.7, although the proposed remediation will also remove soil from the top foot, Table E-30, which presents the evaluation of Appendix IX+3 constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown on these tables, post-remediation averages for certain of the PAHs will slightly exceed applicable Method 1 standards following removal. Accordingly, an area-specific post-removal risk evaluation has been performed for the soils at this area. That area-specific post-removal risk evaluation will include one substance (3-methylcholanthrene) that has no Method 1 standard.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under post-removal conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 6-foot depth increments are below the benchmarks specified in the SOW. For the 0- to

15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-37. For one substance that does not have a UCL (3-methylcholanthrene), the UCL for dibenzo(a,h)anthracene was used as a surrogate based on structural similarity. For these reasons, the remediation proposed above for the commercial portion of Parcel K10-11-2 will achieve the applicable Performance Standards for this area and no further sampling or remediation will be required.

4.6 Evaluations for Parcel K10-11-3 (Commercial)

As shown on Figure 1-2, the commercial portion of Parcel K10-11-3 is bordered by East Street to the north, Parcel K10-11-5 to the east, Parcel K10-11-2 to the west and recreational area R3B to the South. As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot (considering paved and unpaved portions together) and 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment. Furthermore, if, after incorporating any response action anticipated for the uppermost 3 feet, the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.6.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for the commercial portion of Parcel K10-11-3 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.6 above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-20	14.28	25
0 – 3’	D-21	5.40	25
1 – 6’	D-22	0.40	200
0 – 15’	D-23	1.10	100

As indicated in the preceding table, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.6.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the commercial portion of Parcel K10-11-3 are presented in Table E-38. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.6.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-39 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.6.2.2 Evaluation of Retained Constituents

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

Tables E-40 through E-43 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing average concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot, 0-to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. Therefore, as discussed below, GE is proposing to remove soil in the vicinity of sample location RAA15-A19 due to elevated levels of PAHs.

4.6.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the commercial portion of Parcel K10-11-3 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 122 cubic yards of soil. Performance of these activities will result in lower spatial average PCB concentrations than shown in section 4.6.1 above, achievement of the applicable Appendix IX+3 Performance Standards, as demonstrated in Sections 4.6.4 and 4.6.5, respectively.

4.6.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation will remove soil in the top six foot around sample location RAA15-A19. While existing concentrations of PCBs prior to this remediation already achieved the specified PCB Performance Standards noted in Section 4.6.1, this remediation will further lower the PCB concentrations for the relevant depth increments at this parcel.

4.6.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

As shown on Figure 4-1, GE will remove certain soils associated with the 1- to 3-foot and 3- to 6-foot depth increment at sample location RAA15-A19 due to elevated PAH concentrations. Tables E-44 through E-46 present the post-remediation conditions for non-PCB constituents with respect to Method 1 standards in the 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As discussed in Section 3.3.7, although the proposed remediation will also remove soil from the top foot, Table E-40, which presents the evaluation of Appendix IX+3 constituents in the 0- to 1-foot depth increment under existing conditions, has been used to evaluate the post-remediation conditions to be conservative. As shown on these tables, post-remediation averages for certain of the PAHs will slightly exceed applicable Method 1 standards following removal. Accordingly, an area-specific post-removal risk evaluation has been performed for the soils at this area.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under post-removal conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 6-foot depth increments are below the benchmarks specified in the SOW. For the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-47. For these reasons, the remediation proposed above for the commercial portion of Parcel K10-11-3 will achieve the applicable Performance Standards for this area and no further sampling or remediation will be required.

4.7 Evaluations for Parcel K10-11-5 (Commercial)

As shown on Figure 1-2, the commercial portion of Parcel K10-11-5 is bordered by East Street to the north, Parcel K10-11-3 to the west, the Housatonic River to the south, and the commercial street area to the west. The owner of this parcel has advised GE that he is interested in executing an ERE. As indicated above, GE is continuing discussions with the property owner concerning the form and terms of the ERE, and is also investigating the encumbrance holders from which subordination agreements will be needed. Therefore, GE has prepared this Conceptual RD/RA Work Plan to ensure that this area would meet the applicable Performance Standards either for a property with an ERE or for a property with a Conditional Solution. Providing that an ERE is implemented, the applicable Performance Standards for this area would require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot of the unpaved portion. For the paved portion of the area, if the spatial average PCB concentration exceeds 25 ppm in the top foot of soil, GE must either remove and replace soils as necessary to achieve that spatial average concentration

or enhance the pavement in such portion in accordance with the specifications for pavement enhancement in the SOW. In addition, considering both paved and unpaved portions together, GE must remove/replace soils as necessary to achieve a spatial average PCB concentration of 200 ppm in the 1- to 6-foot depth increment, and GE must install an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment exceeds 100 ppm. Under a Conditional Solution, the applicable Performance Standards for this area would require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 25 ppm in the top foot (considering paved and unpaved portions together) and 0- to 3-foot depth increment, and 200 ppm in the 1- to 6-foot depth increment, and installation of an engineered barrier if the remaining spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment. Since this area is greater than 0.5 acre in size, the maximum PCB concentration in the top foot of unpaved soils in this area must be less than the 125 ppm NTE concentration for commercial properties.

4.7.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process for the commercial portion of Parcel K10-11-5 involved the determination of whether any soil samples in the top foot of unpaved portions of this area had PCB concentrations greater than 125 ppm, the applicable NTE level. This review revealed that the surface sample from location RAA15-B20 has PCBs at concentrations in excess of the NTE level. Although this location is located in adjacent recreational area R3B, the associated polygon for this location extends into the commercial portion of Parcel K10-11-5. As a result, soil removal activities are necessary for the 0- to 1-foot depth increment at this area as indicated on Figure 4-1.

The next step in the PCB evaluation process for the commercial portion of Parcel K10-11-5 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified in Section 4.7 above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards, under both ERE and Conditional Solution scenarios:

ERE Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1' (unpaved)	D-25	5.89	25
0 – 1' (paved)	D-26	0.42	25
1 – 6'	D-28	0.27	200
0 – 15'	D-29	0.80	100

Conditional Solution Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-24	4.71	25
0 – 3'	D-27	1.88	25
1 – 6'	D-28	0.27	200
0 – 15'	D-29	0.80	100

As indicated in the preceding tables, none of the existing average PCB concentrations exceeds the corresponding Performance Standards that would apply under either an ERE and/or Conditional Solution scenario. However, as discussed above and as shown on Tables D-24 and D-25 and Figure 4-1, removal will be needed at the portion of the polygon associated with sample location RAA15-B20 within the commercial portion of Parcel K10-11-5 because of the exceedance of the NTE value (125 ppm) at that location.

4.7.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for the commercial portion of Parcel K10-11-5 are presented in Table E-48. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.7.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-49 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.7.2.2 Evaluation of Retained Constituents

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

Tables E-50 through E-53 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 6-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing average concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. Accordingly, an area-specific risk evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 6-foot depth increments are below the benchmarks specified in the SOW. Further, for the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-54. As a result of the evaluations discussed above, no remediation for Appendix IX+3 constituents is necessary at this area.

4.7.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at the commercial portion of Parcel K10-11-5 to the limits shown on Figure 4-1 due to an exceedance of an NTE value at sample location RAA15-B20 (which is located on recreation area R3B, but with a polygon extending into this commercial area). This remediation will involve the excavation of approximately 27 cubic yards of soil. Performance of these activities will result lower PCB concentrations than in section 4.6.1 above, which were already below applicable PCB Performance Standards for spatial average concentrations for either an ERE or Conditional Solution scenario. The lower, average post-remediation spatial average PCB concentrations are set forth in Section 4.7.4 below. Therefore, the proposed remediation shown on Figure 4-1 will result in the achievement of the PCB Performance Standards.

4.7.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-1 will result in the removal of the NTE exceedances at location RAA15-B20 and in following average PCB concentrations for the depth increments shown. These average PCB concentrations are below the PCB Performance Standards that would apply under an ERE and/or Conditional Solution scenario, as indicated in the following tables:

ERE Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’ (unpaved)	D-31	0.83	25
0 – 1’ (paved)	D-26	0.42	25
1 – 6’	D-28	0.27	200
0 – 15’	D-33	0.53	100

Conditional Solution Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-30	0.74	25
0 – 3’	D-32	0.56	25
1 – 6’	D-28	0.27	200
0 – 15’	D-33	0.53	100

4.8 Evaluations for Parcel K10-10-3 (Recreational)

As shown on Figure 1-2, recreational Parcel K10-10-3 is bordered by the Housatonic River to the northwest, Parcel K10-10-4 to the northeast, and Parkside Ave to the southeast. At EPA's direction, the PDI sampling and RD/RA evaluation for this area also extends east and southeast to the centerline of the Parkside Avenue Right-of-Way (Figure 1-2). As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.8.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for Parcel K10-10-3 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-34	0.17	10
0 – 3'	D-35	0.18	10
0 – 15'	D-36	0.09	100

As indicated in the preceding table, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.8.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Parcel K10-10-3 are presented in Table E-55. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.8.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-56 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.8.2.2 Evaluation of Retained Constituents

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

Tables E-57 through E-59 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). In addition, average concentrations for the retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Since these average concentrations are less than their corresponding Method 1 soil standards, no remediation for Appendix IX+3 constituents is necessary at this area.

4.9 Evaluations for Parcel K10-10-4 (Recreational)

As shown on Figure 1-2, recreational Parcel K10-10-4 is bordered by the Housatonic River to the north, Parcel K10-10-5 to the southeast, and Parcel K10-10-3 to the west. At EPA's direction, the PDI sampling and RD/RA evaluation for this area also extends southeast to the centerline of the Parkside Avenue Right-of-Way (Figure 1-2). As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.9.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for Parcel K10-10-4 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1'	D-37	0.14	10
0 – 3'	D-38	0.06	10
0 – 15'	D-39	0.03	100

As indicated in the preceding tables, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.9.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Parcel K10-10-4 are presented in Table E-60. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.9.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-61 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Arsenic

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

4.9.2.2 Evaluation of Retained Constituents

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

Tables E-62 through E-64 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). In addition, average concentrations for the retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Since these average concentrations are less than their corresponding Method 1 soil standards, no remediation for Appendix IX+3 constituents is necessary at this area.

4.10 Evaluations for Parcel K10-10-33 (Recreational)

As shown on Figure 1-2, recreational Parcel K10-10-33 is bordered by the Housatonic River to the north, Parcels K10-10-5 and K10-10-6 to the west and southwest. At EPA's direction, the PDI sampling and RD/RA evaluation for this area also extends northwest to the centerline of the Parkside Avenue Right-of-Way (Figure

1-2). As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is greater than 0.5 acre in size, PCB concentrations in the top foot of soil must be less than the NTE criterion of 50 ppm applicable to recreational areas.

4.10.1 PCB Evaluation – Existing Conditions

The first step in the PCB evaluation process for Parcel K10-10-33 involved the identification of all soil sample locations in the top foot of unpaved portions with PCB concentrations greater than 50 ppm, the applicable NTE level. This evaluation revealed no such exceedances of the NTE value. The next step in the PCB evaluation process for this area involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-40	0.23	10
0 – 3’	D-41	0.13	10
0 – 15’	D-42	0.10	100

As indicated in the preceding tables, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.10.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Parcel K10-10-33 are presented in Table E-65. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.10.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-66 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Arsenic

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

4.10.2.2 Evaluation of Retained Constituents

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

Tables E-67 through E-69 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). In addition, average concentrations for the retained constituents are less than the applicable Method 1 soil standards for each applicable depth increment. Since these average concentrations are less than their corresponding Method 1 soil standards, no remediation for Appendix IX+3 constituents is necessary at this area.

4.11 Evaluations for Recreational Area R1 (Recreational)

As discussed above, the undeveloped Longview Terrace and the small recreational area in the southwestern part of Parcel K10-12-1 have been combined into a single recreational averaging area, designated area R1, shown on Figure 1-2. As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size, the NTE criterion does not apply.

4.11.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for recreational area R1 involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-43	1.09	10
0 – 3’	D-44	1.48	10
0 – 15’	D-45	0.83	100

As indicated in the preceding tables, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.11.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Averaging Area R1 are presented in Table E-70. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.11.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-71 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.11.2.2 Evaluation of Retained Constituents

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

Tables E-72 through E-74 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot and 0- to 3-foot depth increments. Accordingly, an area-specific risk evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 0- to 3-foot depth increments are below the benchmarks specified in the SOW. Further, for the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-75. As a result of the evaluations discussed above, no remediation for Appendix IX+3 constituents is necessary at this area.

4.12 Evaluations for Recreational Area R2 (Recreational)

As discussed above, the recreational areas in the southeast part of Parcel K10-12-1, the southwest part of Parcel K10-11-2, and along the common parcel boundary between Parcels K10-11-1 and K10-11-2 have been combined into a single recreational averaging area, designated recreational area R2, shown on Figure 1-2. As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is greater than 0.5 acre in size, the maximum PCB concentration in the top foot of soil must be less than the NTE criterion of 50 ppm applicable to recreational areas.

4.12.1 PCB Evaluation – Existing Conditions

The first step in the PCB evaluation process for recreational area R2 involved the identification of all soil sample locations in the top foot of unpaved portions with PCB concentrations greater than 50 ppm, the applicable NTE level. This evaluation revealed no such exceedances of the NTE value. The next step in the PCB evaluation process for this area involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-46	3.23	10
0 – 3’	D-47	8.31	10
0 – 15’	D-48	2.97	100

As indicated in the preceding tables, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.12.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Averaging Area R2 are presented in Table E-76. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.12.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-77 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. In addition, as discussed above in Section 3.3.3, one constituent detected only once within the area was screened out based on very low frequency of detection. As shown in Table E-77, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.12.2.2 Evaluation of Retained Constituents

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

Tables E-78 through E-80 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. Therefore, as discussed below, GE is proposing to remove soil in the vicinity of the following sample locations due to elevated levels of PAHs: RAA15-E7, RAA15-E7(B), RAA15-E8, RAA15-E8NE, RAA15-E8NW, and RAA15-E8SW.

4.12.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at recreational area R2 to the limits shown on Figure 4-1. The extent of remediation shown on that figure is based on the topography of the area, as described in previous submissions by GE. In particular, as described in the Supplemental PDI Report, locations RAA15-E7 (at 0-1') and RAA15-E7(B) (at 1-3'), which contain elevated levels of certain PAHs, are located on the east bank of a ravine through which an intermittent stream flows. GE proposed to conduct additional SVOC sampling on the west side of the ravine, at location RAA15-E7W, at approximately the same elevation as RAA15-E7(B). GE noted that the purpose of the samples at RAA15-E7W was to confirm that the elevated PAH concentrations found in the samples from RAA15-E7 and RAA15-E7(B) are not present on the west bank, and that if the results from the RAA15–E7W sampling did not show elevated PAH concentrations that would require removal, GE would use the other delineation samples from around RAA15-E7 and –E7(B) to determine the boundaries of the soil removal associated with those locations. EPA, in its August 26, 2004 conditional approval letter, approved this proposal and recommended that GE also collect SVOC samples from location RAA15-F7 for further delineation purposes. GE conducted the sampling at RAA15-E7W and –F7 and reported, in its Additional Supplemental Report, that those samples showed only low

levels of PAHs, thereby confirming that the elevated PAH concentrations found in the east bank of the ravine are not present on the west bank. Therefore, GE proposes to conduct its removal to the water line at the bottom of the eastern bank of the ravine as shown on Figure 4-1.

The remediation in recreational area R2 will involve the excavation of approximately 375 cubic yards of soil. Performance of these activities will result in achievement of the applicable Appendix IX+3 Performance Standards, as demonstrated in Section 4.12.5.

4.12.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation will remove soil in the top one to three feet around sample locations RAA15-E7, RAA15-E7(B), RAA15-E8, RAA15-E8NE, RAA15-E8NW, and RAA15-E8SW. Existing concentrations of PCBs prior to this remediation already achieved the specified PCB Performance Standards as noted in Section 4.12.1.

4.12.5 Appendix IX+3 Evaluation – Post-Remediation Conditions

Tables E-81 through E-83 presents the post-remediation conditions for non-PCB constituents with respect to Method 1 standards in the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As shown in these tables and on Figure 4-1, GE will remove certain of the soils associated with the 0- to 1- foot depth increment at the RAA15-E7 location, and at the 1- to 3-foot depth increment at the RAA15-E7(B), RAA15-E8, RAA15E8NE, RAA15-E8NW, and RAA15-E8SW locations. As also shown in Tables E-81 through E-83, post remediation averages will slightly exceed applicable Method 1 standards following removal. Accordingly, an area-specific post-removal risk evaluation has been performed for this area.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under post-removal conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 0- to 3-foot depth increments are below the benchmarks specified in the SOW. For the 0- to 15-foot depth increment, the average concentrations for all non-PCB constituents are below their respective UCLs, as presented in Table E-84. As a result of the evaluations discussed above, no further remediation for Appendix IX+3 constituents is necessary at this area.

4.13 Evaluations for Averaging Area R3A (Recreational)

As shown of Figure 1-2 and discussed above in Section 1.2, the small recreational area at the southeastern part of Parcel K10-11-2 has been identified as recreational area R3A. As discussed in Section 3.2.2, GE must implement a Conditional Solution at this area. Therefore, the applicable Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size and is unpaved, the NTE criterion does not apply.

4.13.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for recreational area R3A involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-49	3.27	10
0 – 3’	D-50	4.58	10
0 – 15’	D-51	4.06	100

As indicated in the preceding tables, none of the existing average PCB concentrations exceeds the corresponding Performance Standards. As a result, no remediation is required to achieve the PCB Performance Standards at this area.

4.13.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for recreational area R3A are presented in Table E-85. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.13.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-86 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.13.2.2 Evaluation of Retained Constituents

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

Tables E-87 through E-89 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot, 0- to 3-foot, and 0- to 15-foot depth increments. Accordingly, an area-specific risk evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot and 0- to 3-foot depth increments are below the benchmarks specified in the SOW. Further, for the 0-to 15-foot depth increment, the post-removal average concentrations for all non-PCB constituents for which UCLs exist are below their respective UCLs, as presented in Table E-90. For one constituent, sulfide, no MCP UCL exists, either for total sulfide or its surrogate, carbon disulfide. However, the average concentration of sulfide in the 0- to 15-foot depth increment (203.70 ppm) is well under its default UCL of 1,000 ppm. Moreover, consistent with the approach used by GE and approved by EPA at other RAAs, given that the average concentration of sulfide in the 0- to 15-foot depth increment is below its Screening PRG (350 ppm for carbon disulfide), GE believes this constituent would not pose a significant risk. As a result of the evaluations discussed above, no remediation for Appendix IX+3 constituents is necessary at this area.

4.14 Evaluations for Recreational Area R3B (Recreational)

As shown of Figure 1-2 and discussed above in Section 1.2, the small recreational area in the southern part of Parcel K10-11-3 and the southwestern part of Parcel K10-11-5 has been designated as recreational area R3B. As discussed above, the owner of Parcel K10-11-5 has advised GE that he is interested in executing an ERE. GE is continuing discussions with that owner concerning the form and terms of the ERE and is also investigating encumbrance holders from which subordination agreements will be needed. The owner of Parcel K10-11-3, however, has informed GE that he is not interested in executing an ERE. Given that different parts of recreational area R2 may be subject to different ERE situations, GE has prepared this Conceptual Work Plan to ensure that this area would meet the applicable Performance Standards either for an area with an ERE or for an area with a Conditional Solution. For an area with an ERE, the applicable Performance Standards would require the removal/replacement of soils as necessary to achieve a spatial average PCB concentration of 10 ppm in the top foot and 15 ppm in the 1- to 3-foot depth increment, and installation of an engineered barrier if the remaining spatial average PCB concentration in the 0- to 15-foot depth increment exceeds 100 ppm. Under a Conditional Solution, the applicable Performance Standards would require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 10 ppm in the top foot and 0- to 3-foot depth increments. Further, if, after incorporating any response actions anticipated for the uppermost 3 feet, the spatial average PCB concentration exceeds 100 ppm in the 0- to 15-foot depth increment, an engineered barrier must be installed. Since this area is less than 0.5 acre in size and is unpaved, the NTE criterion does not apply.

4.14.1 PCB Evaluation – Existing Conditions

The PCB evaluation process for recreational area R3B involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. The following tables present the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

ERE Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-52	66.13	10
1 – 3’	D-54	1.96	10
0 – 15’	D-55	4.81	100

Conditional Solution Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-52	66.13	10
0 – 3’	D-53	23.35	10
0 – 15’	D-55	4.81	100

As indicated in the preceding tables, the existing average PCB concentrations exceed the corresponding Performance Standards for the 0- to 1-foot and 0- to 3-foot depth increments. As a result, remediation is required to achieve the PCB Performance Standards at this area.

4.14.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for recreational area R3B are presented in Table E-91. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.14.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-92 identifies the detected constituents and provides a comparison of the

maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.14.2.2 Evaluation of Retained Constituents

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

Tables E-93 through E-96 present the evaluations of retained constituents for the 0- to 1-foot, 0- to 3-foot, 1- to 3-foot, and 0- to 15-foot depth increments. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). However, certain PAH compounds have existing concentrations greater than the applicable Method 1 soil standards in the 0- to 1-foot and 0- to 3-foot depth increments. Accordingly, an area-specific risk evaluation has been performed for the soils at this area in its existing condition.

That risk evaluation is included in Appendix F to this Conceptual Work Plan and indicates that, under existing conditions, both cancer risks and non-cancer hazards due to the retained constituents in the 0- to 1-foot, 0- to 3-foot, and 1- to 3-foot depth increments are below the benchmarks specified in the SOW. Further, for the 0-to 15-foot depth increment, the post-removal average concentrations for all non-PCB constituents for which UCLs exist are below their respective UCLs, as presented in Table E-97. Therefore, no remediation for Appendix IX+3 constituents would be necessary under either an ERE or a Conditional Solution scenario.

4.14.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at recreational area R3B to the limits shown on Figure 4-1. This remediation includes the removal of the portion within recreational area R3B of the polygon associated with the removal of sample location RAA15-B20 (based on an exceedances of the NTE applicable to the commercial portion of Parcel K10-11-5). In total, the remediation on recreational area R3B will involve the excavation of approximately 175 cubic yards of soil. Performance of these activities will result in the achievement of the PCB Performance Standards for the relevant depth increments, as demonstrated in Sections 4.14.4 below.

4.14.4 PCB Evaluation – Post-Remediation Conditions

The proposed remediation shown on Figure 4-1 will result in the achievement of the PCB Performance Standards that would apply under an ERE and/or Conditional Solution scenario for the relevant depth increments, as indicated in the following tables.

ERE Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-56	3.37	10
1 – 3’	D-54	1.96	10
0 – 15’	D-58	0.62	100

Conditional Solution Alternative

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-56	3.37	10
0 – 3’	D-57	2.43	10
0 – 15’	D-58	0.62	100

4.15 Evaluations for Parcels K10-10-5 and K10-10-6 (Residential)

As shown of Figure 1-2 and discussed above in Section 1.2, Parcels K10-10-5 and K10-10-6 are adjacent residential properties under common ownership. Further, these parcels are treated by the owner as one property. Therefore, as approved by EPA, these parcels have been evaluated as a single property. The applicable

Performance Standards for this area require the removal/replacement of soils as necessary to achieve spatial average PCB concentrations of 2 ppm in the top foot and in the 1- to X-foot depth increment, where X equals the depth at which PCBs have been detected (up to a maximum of 15 feet). Since this area is greater than 0.25 acre in size, the maximum PCB concentration in the top foot of soil must be less than the NTE criterion of 10 ppm applicable to residential areas.

4.15.1 PCB Evaluation – Existing Conditions

The first step in the evaluation process for Parcels K10-10-5 and K10-10-6 involved the identification of all soil sample locations in the top foot of unpaved portions with PCB concentrations greater than 10 ppm, the applicable NTE level. This evaluation revealed no such exceedances of the NTE value. The next step in the PCB evaluation process for this area involved the use of available PCB soils data and the spatial averaging procedures discussed in Section 3 to calculate average PCB concentrations for each of the depth increments specified above. In this case, PCBs were detected to a depth of 15 feet, and, therefore, the evaluation was conducted for the 0- to 1-foot and 1- to 15-foot depth increments. The following table presents the existing average PCB concentrations that were calculated for this area, together with references to the corresponding tables in Appendix D and the applicable Performance Standards:

Depth Increment	Appendix D Table Reference	Existing Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-59	0.43	2
1 – 15’	D-60	3.08	2

As indicated in the preceding tables, the existing average PCB concentrations exceed the corresponding Performance Standards for the 1- to 15-foot depth increment. As a result, remediation is required to achieve the PCB Performance Standards at this area.

4.15.2 Appendix IX+3 Evaluation – Existing Conditions

The Appendix IX+3 data used in the evaluations for Parcels K10-10-5 and K10-10-6 are presented in Table E-98. These data are the basis for the Appendix IX+3 evaluations presented in this section.

4.15.2.1 Screening Evaluation

Consistent with the protocols established in the SOW and summarized in Section 3.3.3 of this Conceptual Work Plan, the maximum concentration for each detected constituent (other than dioxins/furans) was compared to its corresponding Screening PRG. Table E-99 identifies the detected constituents and provides a comparison of the maximum detected concentration for each of those constituents to the applicable Screening PRG. As shown in that table, the following constituents have maximum detected concentrations that exceed their corresponding Screening PRGs:

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

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

4.15.2.2 Evaluation of Retained Constituents

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

Tables E-100 and E-101 present the evaluations of retained constituents for the 0- to 1-foot and 1- to 15-foot depth increments. Sample location K1 (14-16') is included within the 1- to 15-foot depth increment. As indicated in those tables, all dioxin/furan TEQ concentrations are below the applicable PRGs (or other comparison criteria). In addition, average concentrations for the retained constituents are less than the applicable Method 1 soil standards. Since these average concentrations are less than their corresponding Method 1 soil standards, no remediation for Appendix IX+3 constituents is necessary at this area.

4.15.3 Proposed Remediation

Based on the evaluations presented above, GE is proposing to conduct soil removal/replacement activities at Parcel K10-10-6 to the limits shown on Figure 4-1. This remediation will involve the excavation of approximately 815 cubic yards of soil. Performance of these activities will result in the achievement of the PCB Performance Standards for the relevant depth increments in this area, as demonstrated in Sections 4.15.4 below.

4.15.4 PCB Evaluation – Post-Remediation Conditions

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

Depth Increment	Appendix D Table Reference	Post Remediation Average PCB Concentration (ppm)	Performance Standard (ppm)
0 – 1’	D-61	0.41	2
1 - 15’	D-62	1.63	2

4.16 Utility Corridor Evaluations

The soil-related PCB Performance Standards set forth in Paragraph 26 of the CD and Section 2.3.2 of the SOW provide that where subgrade utilities potentially subject to emergency repair requirements are present, if the spatial average PCB concentration in the utility corridor exceeds 200 ppm, GE must evaluate whether any additional response actions are necessary. However, the data from within the utility corridors at this RAA indicate that, with one exception, there are no discrete PCB sample results greater than 200 ppm. The one exception is the RAA15-B20 sample where the PCB concentration is 280 ppm in the 0- to 1-foot depth increment. However, PCB removal is proposed at RAA15-B20 at the 0- to 1-foot depth increment as part of the remediation at Parcel K10-11-5 and recreational area R3B, as described in Sections 4.7 and 4.14 above. Therefore, with this removal at RAA15-B20, there are no individual samples within the utility corridors with PCB concentrations greater than 200 ppm. Hence, the associated spatial averages (if calculated) for each of these corridors would necessarily be below 200 ppm. Consequently, the PCB Performance Standard for utility corridors will be achieved at this RAA.

4.17 Overall Summary

Based on the foregoing evaluations, the soil removal limits that will be necessary to meet the PCB Performance Standards at Former Oxbow Areas J and K are shown on Figure 4-1. The following table presents the estimated soil removal volume proposed for each property (if any).

Parcel	Estimated Soil Removal Volume (cy)
K10-13-1	67
K10-12-1	0
K10-11-1	24
K10-11-2	271
K10-11-3	122
K10-11-5	27
K10-10-3	0
K10-10-4	0
K10-10-33	0
Recreational Area R1	0
Recreational Area R2	375
Recreational Area R3A	0
Recreational Area R3B	175
K10-10-5/K10-10-6	815
Total:	**1,876**

As indicated in the above table, the remediation for Former Oxbow Areas J and K will involve the excavation of a total of approximately 1,900 cubic yards of soil.

5. Preliminary Design Information and Future Design-Related Activities

5.1 General

Based on the PCB and Appendix IX+3 evaluations presented in Section 4 of this Conceptual Work Plan, the remediation identified for Former Oxbow Areas J and K will consist of soil removal/replacement, as depicted on Figure 4-1. This section presents preliminary design information for the proposed remediation and discusses Applicable or Relevant and Appropriate Requirements (ARARs) for the remediation and associated actions at this RAA. In addition, this section describes future design-related activities and the anticipated contents of the Final RD/RA Work Plan.

5.2 Preliminary Design Information

In general, the remediation activities for Former Oxbow Areas J and K will be implemented in accordance with GE's *Construction Quality Assurance Plan* (CQAP), which is part of GE's *Project Operations Plan* (POP). The POP was most recently submitted to EPA in July 2003, incorporating modifications previously approved by EPA. The CQAP contains several technical specifications, which will serve as the basis for the performance of the remediation actions at Former Oxbow Areas J and K, with appropriate modifications and/or supplements as necessary.

With respect to soil removal/replacement, GE has conducted numerous response actions of similar scope and complexity (most recently at Newell Street Area I). It is anticipated that similar excavation/construction equipment and methods will be utilized for the response actions at Former Oxbow Areas J and K.

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

Figure 5-1 shows the groundwater monitoring wells present at Former Oxbow Areas J and K. As shown on that figure, none of the GMA 5 wells is located within the areas where removal is proposed. However, well GMA2-

6 is located approximately 20 feet north of the removal area proposed at recreational area R2. Precautions will be taken during removal/replacement in this area to avoid any damage to this well. Further, because this well is flush with the ground surface, it will be flagged during the work to prevent it from being inadvertently covered.

5.3 Identification of ARARs

The remediation and associated activities to be conducted at Former Oxbow Areas J and K will be subject to several ARARs. Attachment B to the SOW identifies the chemical-, action-, and location-specific ARARs for the Removal Actions Outside the River. As noted above, the Removal Action for Former Oxbow Areas J and K involves soil removal/replacement. These activities will be performed within the 100-year floodplain of the Housatonic River. In these circumstances, the former Oxbow Areas J and K Removal Action and associated activities will be subject to the following ARARs identified in Attachment B to the SOW: the action-specific ARARs identified in Table 2, subsection B ("Soil Removal"), and potentially subsection K ("Other"); and the location-specific ARARs identified in Table 3, subsection B ("Floodplains, Wetlands, and Banks"). Further, if excavation activities at Former Oxbow Areas J and K involve the removal and on-site storage (at the GE Plant Area) of free product, intact drums, and/or other materials that cannot be consolidated at GE's On-Plant Consolidation Areas (OPCAs), and thus will be subsequently disposed of off-site, the ARARs identified in Table 2, subsection H ("Temporary On-Site Storage of Free Product, Drums, and Equipment That Will Be Disposed of Off-Site") of Attachment B to the SOW will apply to such storage. In addition, the disposition of excavated materials at GE's OPCAs will be subject to the ARARs for consolidation at the OPCAs (set forth in Table 1 of the Detailed Work Plan for OPCAs).

These ARARs will be considered and incorporated in the final design of the Former Oxbow Areas J and K Removal Action.

5.4 Future Design-Related Activities

This Conceptual Work Plan has identified the areas and depths subject to remediation within Former Oxbow Areas J and K. Based on this information, GE will proceed with detailed and final design activities to support the performance of these response actions. Specifically, as part of the final design activities, GE will develop final plans related to soil removal/replacement. Further, GE will prepare technical drawings and specifications for such activities, select a Remediation Contractor, and develop ancillary information related to project

implementation. These activities will be conducted in the course of preparing a Final RD/RA Work Plan and are discussed further below.

5.4.1 Final Removal Limits

As part of final design activities, GE will develop the final limits for the soil removals at Former Oxbow Areas J and K. As indicated by review of the removal limits shown on Figure 4-1, the maximum depth of the planned excavations is 7 feet below grade. Therefore, the stability of the excavations will require additional engineering controls to ensure the stability of the excavation sidewalls prior to backfilling.

In addition, the final soil removal limits and depths of excavation may be adjusted to address constructability issues (i.e., horizontal limits of soil removal may be squared/rounded off resulting in slightly more soil removal, and excavation depths will be converted to target elevations to facilitate the necessary excavation activities).

5.4.2 Technical Plans and Specifications

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

5.4.3 Implementation Planning

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

- Contractor Health and Safety Plan;
- Contractor Contingency and Emergency Procedures Plan;
- Identification of backfill material and soil cover sources;
- Locations and scope of ambient air monitoring activities during construction activities;
- Evaluation of materials subject to disposition, in accordance with the *Waste Characterization Plan* (part of the POP); and
- Organizations, roles, and responsibilities involved in construction quality assurance.

Additional information to be included in the Final RD/RA Work Plan, as required in Section 3.4 of the SOW, is presented below in Section 5.5.

5.5 Contents of Final RD/RA Work Plan

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

- Final limits and depths for the soil removals as well as conversion of the removal depths to elevations;
- Detailed design of the soil removal/replacement activities, including the design-related information described in Sections 5.4.1 and 5.4.2;
- Specific calculations regarding the amount of flood storage compensation required to offset any increases in the loss of flood storage capacity that would occur if there are any significant increases in final surface elevations at any of the soil removal/replacement areas, as discussed in Section 5.3;

- Description of other implementation details concerning performance of these actions, including the items described in Section 5.4.3;

- Description, as necessary, of the procedures to be implemented to ensure attainment of the ARARs (identified in Section 5.3);

- Identification of the Removal Action team, including key personnel, roles and responsibilities, and lines of authority;

- Proposed implementation schedule;

- Any necessary updates or supplements to the CQAP;

- Post-Removal Site Control Plan; and

- Summary of project closeout requirements.

6. Schedule

GE proposes to complete the remaining design-related activities and submit the Final RD/RA Work Plan for Former Oxbow Areas J and K within 3 months of EPA's approval of this Conceptual Work Plan. Upon EPA's approval of the Final RD/RA Work Plan, GE will develop a Request for Proposal (RFP) that provides the Technical Drawings and Technical Specifications for completing the work, and solicits bids from prospective Remediation Contractors. GE will then review these bids and select a Remediation Contractor. GE will provide the anticipated schedule for submission of the RFP and selection of a Remedial Contractor in the Final RD/RA Work Plan.

Figures

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engineers, scientists, economists

LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- FORMER OXBOW AREAS J AND K REMOVAL ACTION AREAS
- FORMER OXBOW/LOW-LYING AREA

NOTES:

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

0 500' 1000'
APPROXIMATE SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

REMOVAL ACTION AREA

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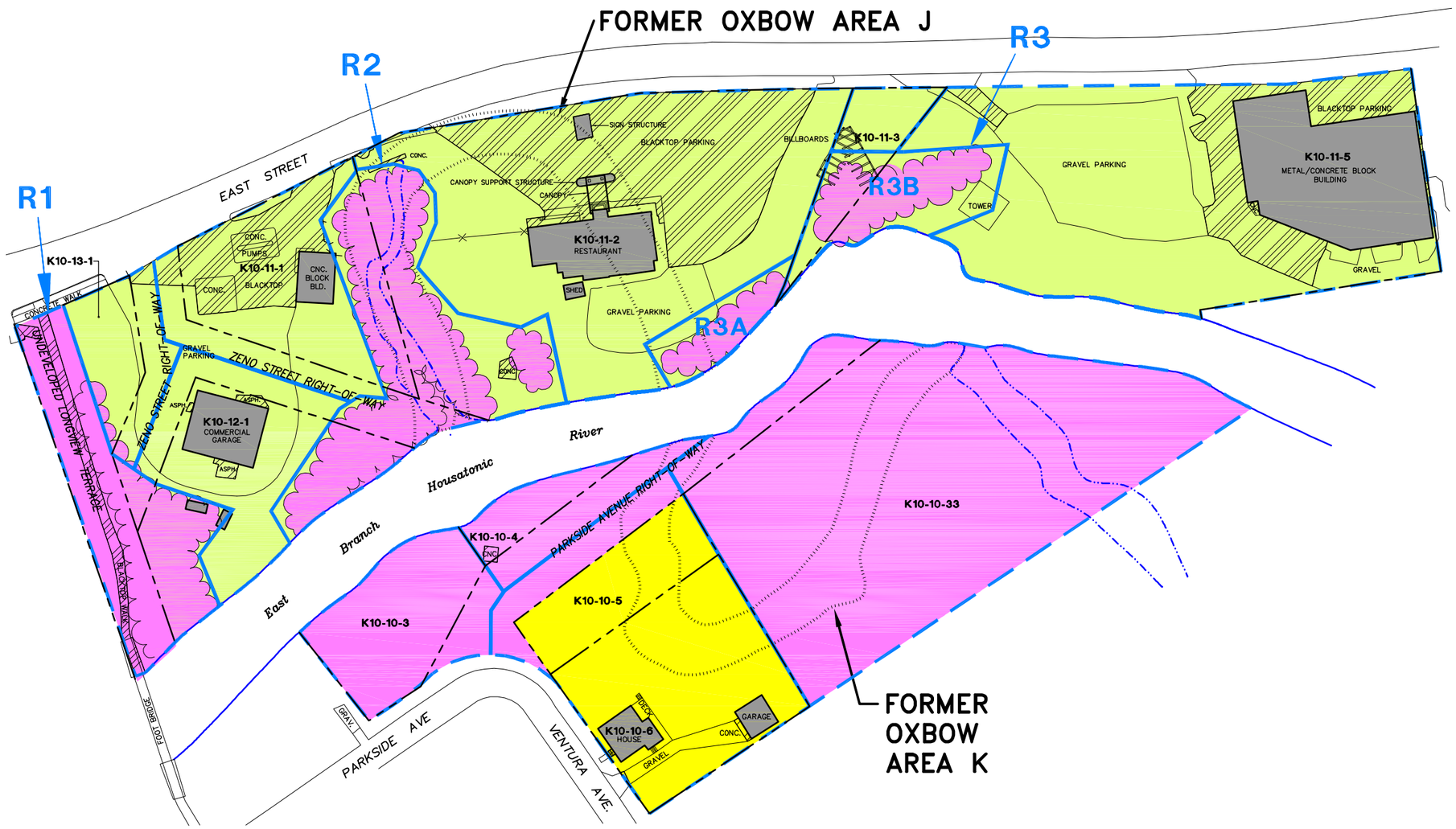
FIGURE
1-1

L: ON=*, OFF=REF
P: PAGSET/PLT-DL2B
3/8/05 SYR-B5-NES DMW LAF
N/20639003/20639G08.DWG



LEGEND:

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (EXCLUDING ACTUAL RIVERBANK AREAS)
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- EDGE OF WATER
- PAVED ROADWAY
- VEGETATION
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW-LYING AREA
- RECREATIONAL AREA (NON-GE OWNED)
- COMMERCIAL PROPERTY (NON-GE OWNED)
- RESIDENTIAL PROPERTY
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA

0 100' 200'
GRAPHIC SCALE

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

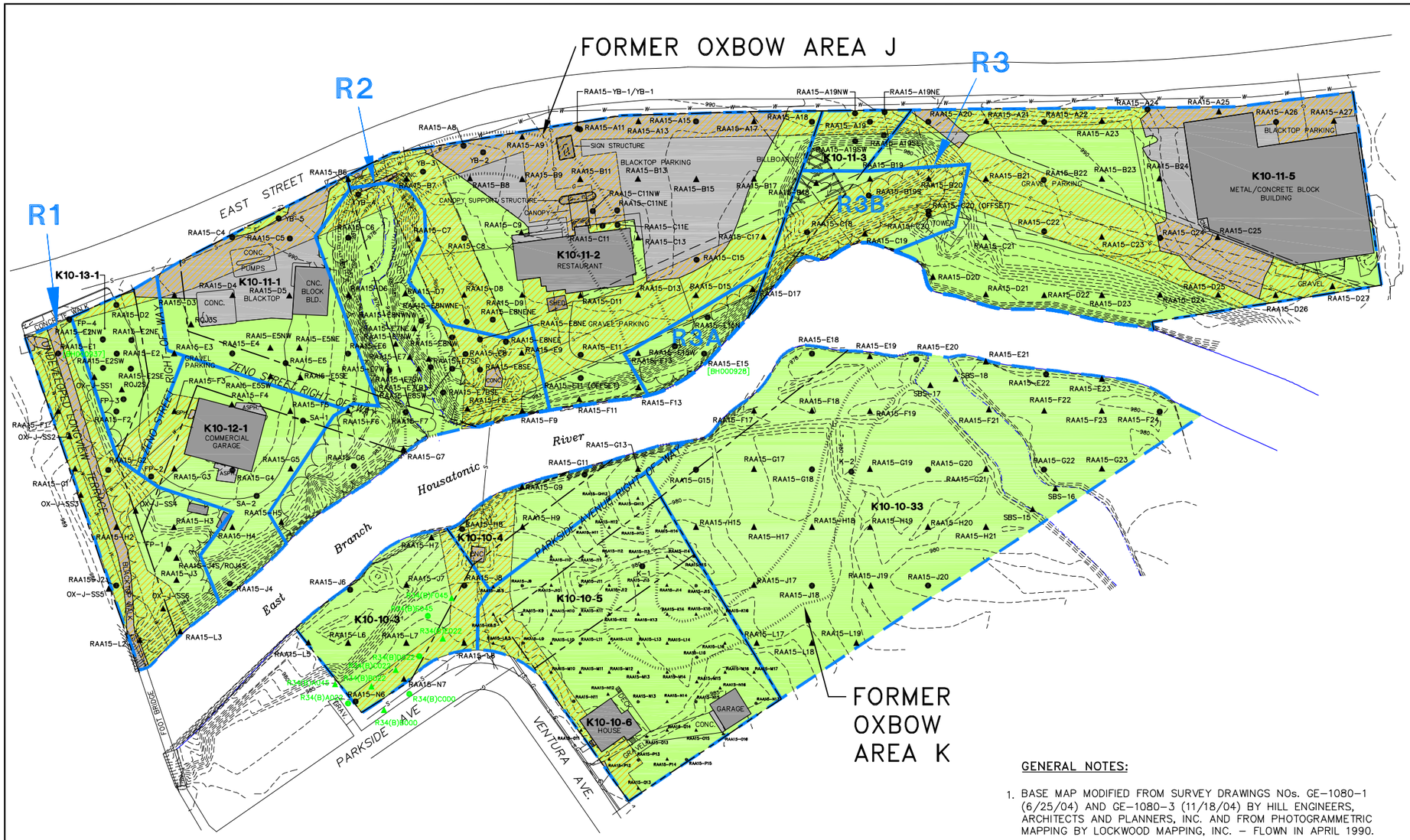
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

SITE PLAN

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

FIGURE 1-2

X: 20639X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, PAVED-SH, |SHD-ESMT, |UNPAVED-SH, *|U-*, *|ROW*
P: PAGESET/SYR-BL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G09.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- FP-1 SURFACE SOIL SAMPLE LOCATION
- YB-3 SOIL BORING LOCATION
- R34(B)C022 EPA SURFACE SOIL SAMPLE LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- [BH000937] EPA SPLIT SAMPLE LOCATION
- 980 INDEX ELEVATION CONTOUR
- INTERMEDIATE ELEVATION CONTOUR
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA
- UNPAVED AREA
- S APPROXIMATE SEWER LOCATION
- D APPROXIMATE STORM DRAIN LOCATION
- W APPROXIMATE WATER MAIN LOCATION
- G APPROXIMATE GAS LINE LOCATION
- APPROXIMATE LOCATION OF BAND SURROUNDING SUBSURFACE UTILITIES (25 FEET WIDE ON EACH SIDE OF UTILITY)

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

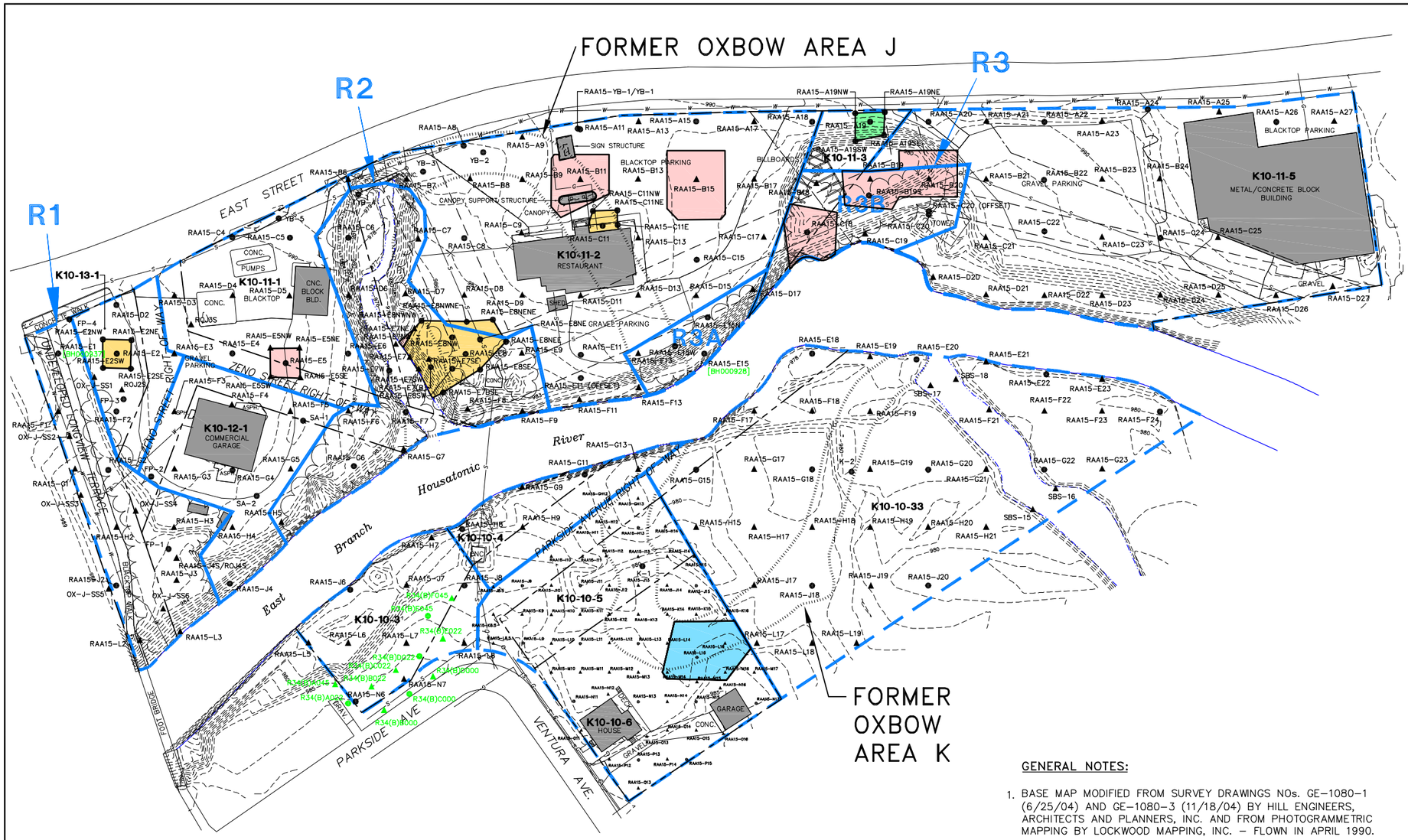
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

SOIL SAMPLE LOCATIONS

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

FIGURE
2-1

X: 20633X01.DWG
L: ON=*, OFF=*REF
P: PAGESET/SYR-DL
3/8/05 SYR-BS-DMW GMS DMW
N/20639003/20639G01.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- FP-1 SURFACE SOIL SAMPLE LOCATION
- YB-3 SOIL BORING LOCATION
- R34(B)C022 EPA SURFACE SOIL SAMPLE LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- [BH000937] EPA SPLIT SAMPLE LOCATION
- 980 INDEX ELEVATION CONTOUR
- INTERMEDIATE ELEVATION CONTOUR
- APPROXIMATE FORMER OXBOW/LOW-LYING
- BUILDING OR PERMANENT STRUCTURE
- S APPROXIMATE SEWER LOCATION
- D APPROXIMATE STORM DRAIN LOCATION
- W APPROXIMATE WATER MAIN LOCATION
- G APPROXIMATE GAS LINE LOCATION
- 1-FOOT REMOVAL
- 3-FOOT REMOVAL
- 6-FOOT REMOVAL
- 7-FOOT REMOVAL

0 100' 200'
GRAPHIC SCALE

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

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CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

PRELIMINARY SOIL-RELATED RESPONSE ACTIONS

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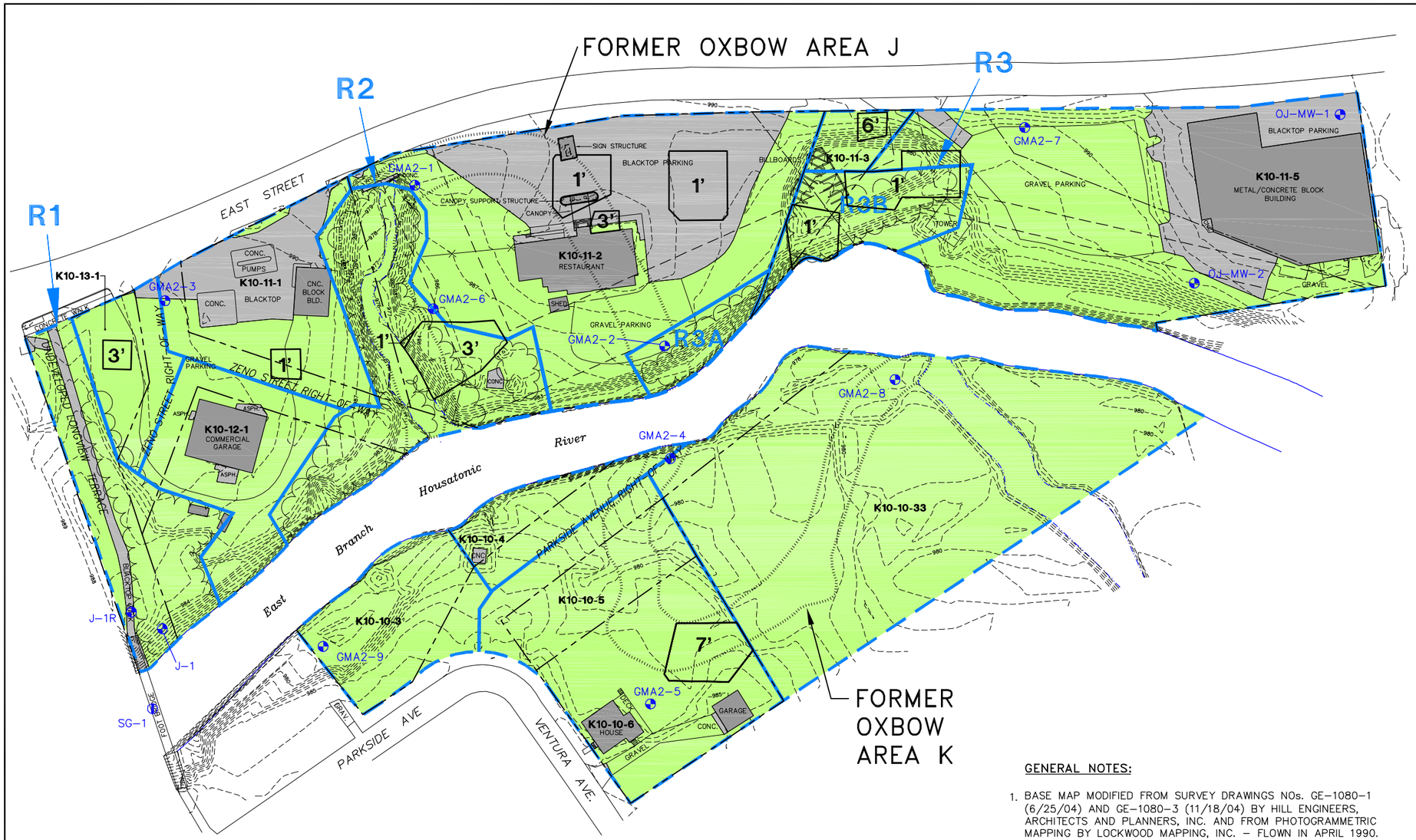
FIGURE 4-1

X: 20633X01.DWG
L: ON=*, OFF=*REF, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/8/05 SYR-BS-DMW GMS DMW
N/20639003/20639G27.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- 980 INDEX ELEVATION CONTOUR
- INTERMEDIATE ELEVATION CONTOUR
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA
- UNPAVED AREA
- MONITORING WELL
- STAFF GAUGE
- 1' AREA OF PROPOSED SOIL REMOVAL (VALUE = DEPTH IN FEET)

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. MONITORING WELL LOCATIONS ARE APPROXIMATE.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

GROUNDWATER RELATED COMPONENTS AT FORMER OXBOW AREAS J AND K

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FIGURE 5-1

X: 20633X01.DWG
L: ON=*, OFF=*REF, |EASE-25, |SHD-ESMT, *U-*
P: PAGESET/SYR-DL
3/8/05 SYR-BS-DMW GMS DMW
N/20639003/20639G10.DWG

Appendices

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Appendix A

Soil Boring Logs

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Date Start/Finish: 1/31/05 **Drilling Company:** Parratt-Wolff **Driller's Name:** J.Perry, R. Trask **Drilling Method:** Hollow Stem Auger **Auger Size:** 4 1/4" ID **Rig Type:** IR A-200 **Sample Method:** 2'x2" Split Spoon	**Northing:** 534451.2 **Easting:** 135651.6 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 989.9 **Descriptions By:** D. Cornell (BBL)	**Boring ID:** RAA15-YB-1 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	990						ASPHALT and SUBBASE (frozen).	Borehole backfilled with Bentonite.
		1	2-4	1.2	ND		Brown SILTY fine SAND, some coarse, medium and fine subrounded Gravel, trace concrete fragments, non-plastic, moist.	
5	985	2	4-6	1.8	ND		Same as above but trace organic material (wood) below 4.0' bgs.	
		3	6-8	1.7	ND		Brown SILT, some medium and fine Sand and coarse, medium and fine Gravel, trace concrete fragments, non-plastic, moist.	
		4	8-10	1.3	ND			
10	980	5	10-12	2.0	ND		Same as above but dark brown with organic material at 11.5' bgs.	
		6	12-14	1.6	ND		Dark brown fine SANDY SILT, some Organic Material, non-plastic, moist.	
15	975	7	14-15	1.0	ND		Brown-gray SILTY coarse, medium, and fine SAND, non-plastic, wet.	

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Remarks: bgs = below ground surface; NA = Not Applicable/Available;
ND= non-detect.
Water table is estimated to be present at approximately 14.2' bgs due to the presence of wet soils at this depth.
Analyses: 10-15': SVOC, Inorganics, PCDD/PCDF; 14.2-15': VOCs.

Date Start/Finish: 1/31/05 **Drilling Company:** Parratt-Wolff **Driller's Name:** J.Perry, R. Trask **Drilling Method:** Hollow Stem Auger **Auger Size:** 4 1/4" ID **Rig Type:** IR A-200 **Sample Method:** 2'x2" Split Spoon	**Northing:** 534356.4 **Easting:** 135403.4 **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** 990.1 **Descriptions By:** D. Cornell (BBL)	**Boring ID:** RAA15-C5 **Client:** General Electric Company **Location:** Former Oxbow Areas J and K

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	990						ASPHALT and CONCRETE DEBRIS.	Borehole backfilled with Bentonite.
		1	3-5	1.6	ND		Gray-brown fine SANDY SILT, some to little coarse, medium and fine subrounded Gravel, non-plastic, moist.	
5	985	2	5-7	1.5	ND		Same as above but little to trace brick fragments and cinders below 5.0' bgs.	
		3	7-9	1.5	ND			
10	980	4	9-11	1.4	ND			
		5	11-13	0.7	ND			
		6	13-15	2.0	ND		Brown-gray SILTY fine SAND, little Organic Material and medium Sand, non-plastic, wet.	
15	975							

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Remarks: bgs = below ground surface; NA = Not Applicable/Available;
ND= non-detect.
Water table is estimated to be present at approximately 13.0' bgs due to the presence of wet soils at this depth.
Analyses: 10-15': SVOC, Inorganics, PCDD/PCDF; 13-15': VOCs.

Appendix B

Data Validation Report for Supplemental Soil Samples Collected in January 2005

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APPENDIX B
SOIL SAMPLING DATA VALIDATION REPORT

CONCEPTUAL REMOVAL DESIGN/REMOVAL ACTION WORK PLAN FOR FORMER OXBOW AREAS J AND K

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for additional soil samples collected in support of removal design/removal action (RD/RA) activities performed for the Former Oxbow Areas J and K Removal Action Area (RAA) located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3) and as approved by EPA excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia. Data validation was performed for two volatile organic compound (VOC) samples, two semi-volatile organic compound (SVOC) samples, two polychlorinated dibenzo-p-dioxin PCDD)/polychlorinated dibenzofuran (PCDF) samples, two metals samples, and two cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. (BBL; FSP/QAPP, approved May 25, 2004 and resubmitted June 15, 2004 with the approved revisions);

- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and

- *National Functional Guidelines for Dioxin/Furan Data Validation*, USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table B-1. Each sample subjected to evaluation is listed in Table B-1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers were used in this data evaluation:

J The compound was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound is detected at an estimated concentration less than the corresponding practical quantitation limit (PQL).

U The compound was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table B-1 for consistency with documents previously prepared for investigations conducted at this site.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table B-1 for consistency with documents previously prepared for this investigation.

R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purpose.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, July 31, 1991), to ensure that all laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the USEPA Region I Tier I data completeness requirements. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented in the following table.

Summary of Samples Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
VOCs	0	0	0	2	0	0	2
SVOCs	0	0	0	2	0	0	2
PCDDs/PCDFs	2	0	0	0	0	0	2
Metals	0	0	0	2	0	0	2
Cyanide/Sulfide	0	0	0	2	0	0	2
Total	**2**	**0**	**0**	**8**	**0**	**0**	**10**

In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 80% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

The initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was not met. The compounds that did not meet the initial calibration criterion and the number of samples qualified are presented in the following table.

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	1	J
	Acetonitrile	2	J
	Acrolein	2	J
	Isobutanol	2	J
	Propionitrile	1	J
SVOCs	Safrole	2	J

The continuing calibration criterion for VOCs and SVOCs requires that the continuing calibration RRF have a value greater than 0.05. Sample data for detect and non-detect compounds with RRF values greater than 0.05 were qualified as estimated (J). The compounds that exceeded continuing calibration criterion and the number of samples qualified due to those exceedences are presented in the following table.

Compounds Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	1	J
	Propionitrile	1	J
SVOCs	4-Nitroquinoline-1-oxide	2	J
	Benzidine	2	J
	Hexachlorophene	2	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion, which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detect compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detect sample results were qualified as estimated (J).

Initial calibration criterion for organic compounds requires that the correlation coefficient of the initial calibration must be greater than or equal to 0.99. Sample data for compounds associated with a correlation coefficient value less than 0.99 were qualified as estimated (J). The compound that exceeded initial calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compound Qualified Due to Initial Calibration Correlation Coefficients Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Benzidine	2	J

The initial calibration criterion requires that the percent relative standard deviation (%RSD) must be less than or equal to 30%. Sample data for detect and non-detect compounds with %RSD values greater than 30% were qualified as estimated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Exceedence of %RSD Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Vinyl Chloride	1	J
SVOCs	Hexachlorophene	2	J

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

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Acetonitrile	1	J
	Iodomethane	1	J
	Trichlorofluoromethane	1	J
	Vinyl Acetate	1	J
SVOCs	1,3,5-Trinitrobenzene	1	J
	4-Aminobiphenyl	2	J
	4-Nitroquinoline-1-oxide	1	J
	a,a'-Dimethylphenethylamine	2	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
	Aniline	2	J
SVOCs (continued)	Benzidine	2	J
	Hexachlorophene	2	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80% and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries were outside the 80% to 120% control limits, the affected samples with detected results at or near the PQL concentration (i.e., less than three times the PQL) were qualified as estimated (J). The analytes that did not meet CRDL criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Lead	1	J
	Selenium	2	J
	Thallium	1	J

Internal standard compounds for VOC analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts for the continuing calibration standard. VOC sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50% but greater than 20%. The compounds associated with internal standards which did not meet the recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Internal Standard Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	All compounds	1	J

Blank action levels for organic and inorganic analytes detected in the blanks were calculated at five times the blank concentrations Detected sample results that were below the blank action level were qualified with a "U." The analytes detected in method blanks which resulted in qualification of sample data, along with the number of affected samples, are presented in the following table.

Analytes Qualified Due to Blank Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Chromium	1	U
	Tin	2	U

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analysis. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated in the following table.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	100	None
PCDDs/PCDFs	100	None

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the relative percent difference (RPD) between duplicate sample results. The duplicate samples used to evaluate precision included matrix spike/matrix spike duplicate (MS/MSD) samples. For this analytical program, none of the data required qualification due to MS/MSD RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, and surrogate compound recoveries. For this analytical program, 9.1% of the data required qualification due to instrument calibration deviations and 12.9 % of the data required qualification due to internal standard deviations. None of the data required qualification due to MS/MSD recovery deviations, LCS recovery deviations, or surrogate recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter associated with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in MDEP-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification due to holding time requirements.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. This analytical data set had an overall usability of 100%.

[1] Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMAR
CONCEPTUAL REMOVAL DESIGN/REMOVAL ACTION WORK PLAN FOR FORMER OXBOW AREAS J AND K

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals											
5B0P017	RAA15-C5 (10 - 15)	1/31/2005	Soil	Tier II	Yes	Chromium	Method Blank	-	-	ND(1.8)	
						Lead	CRDL Standard %R	77.8%	80% to 120%	2.00 J	
						Selenium	CRDL Standard %R	63.0%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	130.2%	80% to 120%	ND(1.40) J	
						Tin	Method Blank	-	-	ND(10.0)	
5B0P017	RAA15-YB-1 (10 - 15)	1/31/2005	Soil	Tier II	Yes	Selenium	CRDL Standard %R	63.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
VOCs											
5B0P017	RAA15-C5 (13 - 15)	1/31/2005	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	Used original analysis
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	27.5%	50% to 200%	ND(0.0081) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	27.5%	50% to 200%	ND(0.0081) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	27.5%	50% to 200%	ND(0.0081) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.16) J	
						1,4-Dioxane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.16) J	
						2-Butanone	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	0.0085 J	
						2-Chloro-1,3-butadiene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.016) J	
						3-Chloropropene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.016) J	
						Acetone	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	0.12 J	
						Acetonitrile	ICAL RRF	0.017	>0.05	ND(0.16) J	
						Acetonitrile	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.16) J	
						Acrolein	ICAL RRF	0.011	>0.05	ND(0.16) J	
						Acrolein	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.16) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Benzene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Bromomethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	0.0013 J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Chloroethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Chloroform	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Chloromethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Dibromomethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Iodomethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Isobutanol	ICAL RRF	0.013	>0.05	ND(0.16) J	
						Isobutanol	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.16) J	
						Methacrylonitrile	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(0.016) J	
						Propionitrile	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.016) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	27.5%	50% to 200%	ND(0.0081) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	

TABLE B-1
ANALYTICAL DATA VALIDATION SUMMAR'
CONCEPTUAL REMOVAL DESIGN/REMOVAL ACTION WORK PLAN FOR FORMER OXBOW AREAS J AND K

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
5B0P017	RAA15-C5 (13 - 15)	1/31/2005	Soil	Tier II	Yes	Trichlorofluoromethane	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Vinyl Chloride	ICAL %RSD	39.6%	<30%	ND(0.0081) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	39.7%	50% to 200%	ND(0.0081) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	34.1%	50% to 200%	ND(0.0081) J	
5B0P017	RAA15-YB-1 (14.2 - 15)	1/31/2005	Soil	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.12) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.12) J	
						Acetonitrile	CCAL %D	41.6%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.010	>0.05	ND(0.12) J	
						Iodomethane	CCAL %D	64.0%	<25%	ND(0.0062) J	
						Isobutanol	ICAL RRF	0.036	>0.05	ND(0.12) J	
						Propionitrile	CCAL RRF	0.014	>0.05	ND(0.012) J	
						Trichlorofluoromethane	CCAL %D	28.0%	<25%	ND(0.0062) J	
						Vinyl Acetate	CCAL %D	30.1%	<25%	ND(0.0062) J	
SVOCs											
5B0P017	RAA15-C5 (10 - 15)	1/31/2005	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	32.6%	<25%	ND(0.48) J	
						4-Aminobiphenyl	CCAL %D	37.8%	<25%	ND(0.96) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.4%	<25%	ND(0.96) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.042	>0.05	ND(0.96) J	
						a,a'-Dimethylphenethylamine	CCAL %D	35.7%	<25%	ND(0.96) J	
						Aniline	CCAL %D	42.1%	<25%	ND(0.48) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.96) J	
						Benzidine	CCAL %D	67.5%	<25%	ND(0.96) J	
						Benzidine	CCAL RRF	0.010	>0.05	ND(0.96) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.96) J	
						Hexachlorophene	CCAL %D	100.0%	<25%	ND(0.96) J	
						Hexachlorophene	CCAL RRF	0.000	>0.05	ND(0.96) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.48) J	
5B0P017	RAA15-YB-1 (10 - 15)	1/31/2005	Soil	Tier II	Yes	4-Aminobiphenyl	CCAL %D	38.6%	<25%	ND(0.87) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.044	>0.05	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	34.7%	<25%	ND(0.87) J	
						Aniline	CCAL %D	47.1%	<25%	ND(0.44) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.87) J	
						Benzidine	CCAL %D	70.6%	<25%	ND(0.87) J	
						Benzidine	CCAL RRF	0.011	>0.05	ND(0.87) J	
						Hexachlorophene	ICAL %RSD	0.345	<30%	ND(0.87) J	
						Hexachlorophene	CCAL %D	99.0%	<25%	ND(0.87) J	
						Hexachlorophene	CCAL RRF	0.007	>0.05	ND(0.87) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.44) J	
PCDDs/PCDFs											
5B0P017	RAA15-C5 (10 - 15)	1/31/2005	Soil	Tier I	No						
5B0P017	RAA15-YB-1 (10 - 15)	1/31/2005	Soil	Tier I	No						
Cyanides/Sulfides											
5B0P017	RAA15-C5 (10 - 15)	1/31/2005	Soil	Tier II	No						
5B0P017	RAA15-YB-1 (10 - 15)	1/31/2005	Soil	Tier II	No						

Appendix C

Summary of Analytical Data for All Samples Used in Evaluations

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Appendix C Tables

Table C-1 – Pre-Design Investigation Soil Sampling Results for PCBs

Table C-2 – Pre-Design Investigation Soil Sampling Results for Appendix IX+3 Constituents

Table C-3 – EPA Soil Sampling Results for PCBs

Table C-4 – EPA Soil Sampling Results for Appendix IX+3 Constituents

Table C-5 – Historical Soil Sampling Results for PCBs

Table C-6 – Historical Soil Sampling Results for Appendix IX+3 Constituents

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel K10-13-1								
RAA15-D2	0-1	3/10/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.66	0.66
	1-3	3/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.18	0.18
	3-6	3/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	3/10/2003	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]
	10-15	3/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.039	0.057	0.096
RAA15-E2	0-1	3/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.070	0.12	0.19
	1-3	3/10/2003	ND(0.20)	ND(0.20)	ND(0.20)	2.0	ND(0.20)	2.0
	3-6	3/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	3/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	3/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA15-F2	0-1	3/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.43	0.43
Parcel K10-12-1								
RAA15-F3	0-1	3/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.058	0.12	0.178
RAA15-F4	0-1	3/6/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.053	0.080	0.133
RAA15-F5	0-1	3/6/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.21	0.28	0.49
RAA15-F6	0-1	3/6/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.24	0.23	0.47
RAA15-G3	0-1	3/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.16	0.14	0.30
RAA15-G4	0-1	3/4/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.066	0.066
	1-3	3/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.056	0.059	0.115
	3-6	3/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.021 J	0.024 J	0.045 J
	6-10	3/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.066	0.066
	10-15	3/4/2003	ND(0.049)	ND(0.049)	ND(0.049)	0.092	0.11	0.202
RAA15-G5	0-1	3/6/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.58	1.6	2.18
RAA15-G6	0-1	3/5/2003	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.038 J	0.038 J
	1-3	3/5/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.028 J	0.028 J
	3-6	3/5/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.015 J	0.015 J
	6-10	3/5/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	3/5/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA15-G7	0-1	3/6/2003	ND(0.044)	0.037 J	ND(0.044)	ND(0.044)	0.40	0.437
RAA15-H3	0-1	3/5/2003	ND(0.042)	ND(0.042)	ND(0.042)	0.82	0.72	1.54
RAA15-H4	0-1	3/5/2003	ND(0.81)	ND(0.81)	ND(0.81)	ND(0.81)	7.2	7.2
RAA15-H5	0-1	3/5/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.037 J	0.037 J
RAA15-J3	0-1	3/5/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.094	0.094
RAA15-J4	0-1	3/5/2003	ND(0.043)	0.029 J	ND(0.043)	ND(0.043)	0.15	0.179
	1-3	3/5/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.048	0.048
	3-6	3/5/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	3/5/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [0.0070 J]	ND(0.038) [0.0070 J]
	10-15	3/5/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel K10-11-1								
RAA15-C4	0-1	3/7/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.057	0.12	0.177
	1-3	3/7/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.052	0.080	0.132
	3-6	3/7/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.056 [ND(0.037)]	0.092 [0.13]	0.148 [0.13]
	6-10	3/7/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.027 J	0.027 J
	10-15	3/7/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-C5	0-1	3/10/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.29	ND(0.041)	0.29
RAA15-C6	0-1	3/6/2003	ND(0.23)	ND(0.23)	ND(0.23)	3.0	2.7	5.7
	1-3	3/6/2003	ND(0.20)	ND(0.20)	ND(0.20)	1.7	1.6	3.3
	3-6	3/6/2003	ND(0.20)	ND(0.20)	ND(0.20)	2.2	2.3	4.5
	6-10	3/6/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.85	1.1	1.95
RAA15-D3	0-1	3/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	0.16	0.24	0.40
RAA15-D4	0-1	3/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA15-D5	0-1	3/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.69	0.60	1.29
RAA15-D6	0-1	3/6/2003	ND(0.051)	ND(0.051)	ND(0.051)	0.64	0.90	1.54
RAA15-E3	0-1	3/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.094	0.094
RAA15-E4	0-1	3/7/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.24	0.22	0.46
	1-3	3/7/2003	ND(0.74)	ND(0.74)	ND(0.74)	8.4	6.5	14.9
	3-6	3/7/2003	ND(0.36)	ND(0.36)	ND(0.36)	2.6	1.8	4.4
	6-10	3/7/2003	ND(0.035)	ND(0.035)	ND(0.035)	0.10	0.078	0.178
	10-15	3/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.14	0.11	0.25
RAA15-E5	0-1	3/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.38	0.38
RAA15-E6	0-1	3/6/2003	ND(0.053)	ND(0.053)	ND(0.053)	0.24	0.73	0.97
	1-3	3/6/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.21	0.21
	3-6	3/6/2003	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	0.46 J [ND(0.040) J]	0.48 J [0.28 J]	0.94 J [0.28 J]
	6-10	3/6/2003	ND(0.044)	ND(0.044)	ND(0.044)	0.036 J	0.046	0.082
	10-15	3/6/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA15-F7	0-1	3/5/2003	ND(0.051)	ND(0.051)	ND(0.051)	0.13	0.21	0.34
Parcel K10-11-2								
RAA15-A8	0-1	2/24/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.088	0.088
	1-3	2/24/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	3-6	2/24/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-10	2/24/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.28	0.36	0.64
	10-15	2/24/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA15-A9	0-1	2/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.34	0.34
RAA15-A11	0-1	2/21/2003	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	2.8	2.8
	1-3	2/21/2003	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	2.2	2.2
RAA15-A13	0-1	2/25/2003	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.9	3.9
RAA15-A15	0-1	2/21/2003	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	1.8	1.8
	1-3	2/21/2003	ND(0.37)	ND(0.37)	ND(0.37)	4.2	3.3	7.5
	3-6	2/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.013 J	0.013 J
	6-10	2/21/2003	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) J [0.11 J]	0.021 J [0.047]	0.021 J [0.157 J]
	10-15	2/21/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.0089 J	0.0089 J

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-A17	0-1	2/24/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.68	0.68
RAA15-A18	0-1	2/24/2003	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	5.7	5.7
	1-3	2/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.058	0.058
	3-6	2/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.018 J	0.018 J
	6-10	2/24/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	2/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA15-B6	0-1	3/6/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.2	1.2
RAA15-B7	0-1	2/25/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.060	0.060
RAA15-B8	0-1	2/25/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.24	0.43	0.67
RAA15-B9	0-1	2/25/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.3	2.3
RAA15-B11	0-1	2/25/2003	ND(18)	ND(18)	ND(18)	ND(18)	500 J	500 J
RAA15-B13	0-1	2/25/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	99	99
RAA15-B15	0-1	2/25/2003	ND(7.4) [ND(19)]	ND(7.4) [ND(19)]	ND(7.4) [ND(19)]	ND(7.4) [ND(19)]	150 [270 J]	150 [270 J]
RAA15-B17	0-1	2/25/2003	ND(3.7)	ND(3.7)	ND(3.7)	19	46	65
RAA15-C7	0-1	2/25/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	1.3	1.3
RAA15-C8	0-1	2/26/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.39	0.39
	1-3	2/26/2003	ND(0.36)	ND(0.36)	ND(0.36)	3.9	3.5	7.4
	3-6	2/26/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.020 J	0.028 J	0.048 J
	6-10	2/26/2003	ND(0.71)	ND(0.71)	ND(0.71)	6.4	7.3	13.7
	10-15	2/26/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA15-C9	0-1	2/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.37	0.37
RAA15-C11	0-1	2/21/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	69	69
	1-3	2/21/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	25	25
	3-6	2/21/2003	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	ND(0.035) [ND(0.036)]	0.65 [0.61]	1.1 [0.95]	1.75 [1.56]
	6-10	2/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA15-C13	0-1	2/25/2003	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	3.5	3.5
RAA15-C15	0-1	2/21/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	1.0	1.0
	1-3	2/21/2003	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	12	12
	3-6	2/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.11	0.16	0.27
	6-10	2/21/2003	ND(1.8)	ND(1.8)	ND(1.8)	25	43	68
	10-15	2/21/2003	ND(0.17)	ND(0.17)	ND(0.17)	1.8	2.8	4.6
RAA15-C17	0-1	2/25/2003	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	23	23
RAA15-D7	0-1	2/27/2003	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	4.1	4.1
RAA15-D8	0-1	2/27/2003	ND(0.21)	ND(0.21)	ND(0.21)	1.2	2.9	4.1
RAA15-D9	0-1	2/25/2003	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	38	38
RAA15-D11	0-1	2/25/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.93	0.93
RAA15-D13	0-1	2/25/2003	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	4.1	4.1
RAA15-D15	0-1	2/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.73	0.73
RAA15-D17	0-1	2/25/2003	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	14	14
RAA15-E7	0-1	2/27/2003	ND(0.45)	ND(0.45)	ND(0.45)	2.5	5.0	7.5
RAA15-E8	0-1	2/26/2003	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	6.1	6.1
	1-3	2/26/2003	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	24	24
	3-6	2/26/2003	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	12	12
	6-10	2/26/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.11	0.11
	10-15	2/26/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-E9	0-1	2/27/2003	ND(0.74)	ND(0.74)	ND(0.74)	4.0	9.2	13.2
RAA15-E11	0-1	2/21/2003	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	4.2	4.2
	1-3	2/21/2003	ND(1.9)	ND(1.9)	ND(1.9)	25	36	61
RAA15-E11 (OFFSET)	3-6	2/27/2003	ND(0.37)	ND(0.37)	ND(0.37)	1.9	3.0	4.9
	6-10	2/27/2003	ND(0.74)	ND(0.74)	ND(0.74)	4.0	6.7	10.7
	10-15	2/27/2003	ND(0.048) [ND(0.045)]	ND(0.048) [ND(0.045)]	ND(0.048) [ND(0.045)]	0.057 [0.052]	0.099 [0.087]	0.156 [0.139]
RAA15-E13	0-1	2/27/2003	ND(0.16)	ND(0.16)	ND(0.16)	0.51	1.5	2.01
RAA15-E15	0-1	2/26/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.37	0.37
	1-3	2/26/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.27	0.27
	3-6	2/26/2003	ND(0.21)	ND(0.21)	ND(0.21)	1.3	2.1	3.4
	6-10	2/26/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.057	0.070	0.127
	10-15	2/26/2003	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [0.010 J]	0.019 J [0.020 J]	0.019 J [0.030 J]
RAA15-F8	0-1	2/27/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.8	1.8
RAA15-F9	0-1	2/27/2003	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	ND(0.041) [ND(0.042)]	0.46 [0.49]	0.46 [0.49]
RAA15-F11	0-1	2/27/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.54	0.54
RAA15-F13	0-1	2/27/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.29	0.29
Parcel K10-11-3								
RAA15-A19	0-1	2/24/2003	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	3.6	3.6
RAA15-A19SW	1-3	5/3/2004	ND(0.043) [ND(0.045)]	ND(0.043) [ND(0.045)]	ND(0.043) [ND(0.045)]	0.42 [0.36]	1.0 [0.90]	1.42 [1.26]
	3-6	5/3/2004	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	6-10	5/3/2004	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
	10-15	5/3/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA15-B18	0-1	2/25/2003	ND(0.85)	ND(0.85)	ND(0.85)	ND(0.85)	15	15
RAA15-C18	0-1	2/26/2003	ND(4.0)	ND(4.0)	ND(4.0)	62	48	110
	1-3	2/26/2003	ND(0.20)	ND(0.20)	ND(0.20)	2.3	1.7	4.0
	3-6	2/26/2003	ND(0.044)	ND(0.044)	ND(0.044)	0.065	0.082	0.147
	6-10	2/26/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	10-15	2/26/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
Parcel K10-11-5								
RAA15-A20	0-1	2/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.38	0.38
	1-3	2/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.036 J	0.054	0.090
	3-6	2/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	2/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	2/28/2003	ND(0.038)	0.0082 J	ND(0.038)	ND(0.038)	ND(0.038)	0.0082 J
RAA15-A21	0-1	3/3/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.61	0.61
RAA15-A22	0-1	2/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.015 J	0.027 J	0.042 J
	1-3	2/28/2003	ND(0.18)	ND(0.18)	ND(0.18)	1.9	1.6	3.5
	3-6	2/28/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	0.16 J [ND(0.038) J]	0.24 [0.20]	0.40 J [0.20 J]
	6-10	2/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	2/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA15-A23	0-1	3/3/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.21	0.21
RAA15-A24	0-1	2/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.16	0.16
	1-3	2/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	0.098	0.097	0.195
	6-10	2/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	2/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA15-A25	0-1	3/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.11	0.11

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-A26	0-1	3/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.1	1.1
	1-3	3/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.12
	3-6	3/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.089	0.089
	6-10	3/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	3/3/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.0087 J	0.0087 J
RAA15-A27	0-1	3/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.55	0.55
RAA15-B19	0-1	2/25/2003	ND(4.9)	ND(4.9)	ND(4.9)	ND(4.9)	67	67
RAA15-B20	0-1	3/4/2003	ND(20)	ND(20)	ND(20)	ND(20)	280	280
RAA15-B21	0-1	3/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.085	0.085
RAA15-B22	0-1	2/28/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA15-B23	0-1	3/3/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-B24	0-1	3/3/2003	ND(0.045) [ND(0.048)]	ND(0.045) [ND(0.048)]	ND(0.045) [ND(0.048)]	ND(0.045) [ND(0.048)]	0.36 [0.30]	0.36 [0.30]
RAA15-C19	0-1	2/27/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.32	0.32
RAA15-C20	0-1	3/4/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.28	0.28
	1-3	3/4/2003	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	0.029 J [0.036 J]	0.029 J [0.036 J]
	3-6	3/4/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	6-10	3/4/2003	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
RAA15-C20 (OFFSET)	10-15	3/4/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-C21	0-1	3/3/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.016 J	0.016 J
RAA15-C22	0-1	2/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.016 J	0.016 J
	1-3	2/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	2/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	0.15	0.17	0.32
	6-10	2/28/2003	ND(0.24)	ND(0.24)	ND(0.24)	2.7	2.8	5.5
	10-15	2/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.098	0.12	0.218
RAA15-C23	0-1	3/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.0089 J	0.0089 J
RAA15-C24	0-1	3/3/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.041	0.041
	1-3	3/3/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.058	0.058
	3-6	3/3/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.019 J	0.019 J
	6-10	3/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.33	0.33
	10-15	3/3/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.046	0.042	0.088
RAA15-C25	0-1	3/4/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.17	0.17
RAA15-D20	0-1	3/4/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.19	0.19
RAA15-D21	0-1	3/4/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.083	0.083
RAA15-D22	0-1	3/4/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.029 J	0.029 J
RAA15-D23	0-1	3/4/2003	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.095	0.095
RAA15-D24	0-1	3/4/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.017 J	0.017 J
RAA15-D25	0-1	3/4/2003	ND(0.042)	ND(0.042)	ND(0.042)	0.082	0.19	0.272
RAA15-D26	0-1	3/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.73	0.73
RAA15-D27	0-1	3/4/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.43	0.43

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Undeveloped Longview Terrace								
RAA15-E1	0-1	3/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.081	0.081
	1-3	3/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	3/10/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	3/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.012 J	0.012 J
	10-15	3/10/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-F1	0-1	3/6/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.22	0.22
RAA15-G1	0-1	3/6/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.84	0.84
RAA15-G2	0-1	3/7/2003	ND(0.19)	ND(0.19)	ND(0.19)	1.8	1.5	3.3
	1-3	3/7/2003	ND(0.19)	ND(0.19)	ND(0.19)	2.9	2.3	5.2
	3-6	3/7/2003	ND(0.38)	ND(0.38)	ND(0.38)	3.7	3.2	6.9
	6-10	3/7/2003	ND(0.19)	ND(0.19)	ND(0.19)	1.8	1.6	3.4
	10-15	3/7/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA15-H2	0-1	3/5/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.53	0.54	1.07
RAA15-J2	0-1	3/5/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.37	0.37
	1-3	3/5/2003	ND(0.035)	ND(0.035)	ND(0.035)	0.096	0.18	0.276
	3-6	3/5/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.016 J	0.016 J
	6-10	3/5/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.016 J	0.016 J
	10-15	3/5/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA15-L2	0-1	3/5/2003	ND(0.20)	ND(0.20)	ND(0.20)	1.8	ND(0.20)	1.8
RAA15-L3	0-1	3/5/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.14	0.14
Parcel K10-10-3								
RAA15-H7	0-1	2/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.14
RAA15-J6	0-1	2/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.28	0.28
	1-3	2/13/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.19	0.19
	3-6	2/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.054	0.054
	6-10	2/13/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.039 J	0.039 J
	10-15	2/13/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.040 J	0.040 J
RAA15-J7	0-1	2/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.020 J	0.020 J
RAA15-J8	0-1	2/13/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.034 J	0.034 J
	1-3	2/13/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	2/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	2/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	2/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-L5	0-1	2/13/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.26	0.26
RAA15-L6	0-1	2/13/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.15	0.15
RAA15-L7	0-1	2/13/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.054	0.054
RAA15-L8	0-1	2/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.26	0.26
RAA15-N6	0-1	2/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.084	0.084
	1-3	2/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.021 J	0.021 J
	3-6	2/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	2/13/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	2/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA15-N7	0-1	2/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.083	0.083

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel K10-10-4								
RAA15-G9	0-1	2/13/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.26	0.26
RAA15-G11	0-1	2/13/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.042	0.042
	1-3	2/13/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	2/13/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-10	2/13/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	10-15	2/13/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA15-G13	0-1	2/13/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.11	0.11
RAA15-H8	0-1	2/13/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.063	0.063
RAA15-H9	0-1	2/13/2003	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]	ND(0.042) [ND(0.045)]	0.24 [0.23]	0.24 [0.23]
Parcel K10-10-33								
RAA15-E18	0-1	2/20/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.21	0.21
	1-3	2/20/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.050	0.11	0.16
	3-6	2/20/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.15	0.15
	6-10	2/20/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.053	0.053
	10-15	2/20/2003	ND(0.039) [ND(0.041)]	ND(0.039) [ND(0.041)]	ND(0.039) [ND(0.041)]	ND(0.039) [ND(0.041)]	ND(0.039) [ND(0.041)]	ND(0.039) [ND(0.041)]
RAA15-E19	0-1	2/18/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.13	0.13
RAA15-E20	1-3	2/19/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.18	0.18
	3-6	2/19/2003	ND(0.043)	ND(0.043)	ND(0.043)	0.040 J	0.053	0.093
	6-10	2/19/2003	ND(0.061)	0.12	ND(0.061)	ND(0.061)	0.11	0.23
	10-15	2/19/2003	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)
RAA15-E21	0-1	2/19/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.13	0.13
RAA15-E22	0-1	2/19/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.10	0.10
	1-3	2/19/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.26	0.26
	3-6	2/19/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.25	0.25
	6-10	2/19/2003	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)	ND(0.069)
	10-15	2/19/2003	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
RAA15-E23	0-1	2/18/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.15	0.15
RAA15-F17	0-1	2/17/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.13	0.13
RAA15-F18	0-1	2/18/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.18	0.18
RAA15-F19	0-1	2/18/2003	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	2.5	2.5
RAA15-F21	0-1	2/18/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.041 J	0.041 J
RAA15-F22	0-1	2/18/2003	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.057	0.057
RAA15-F23	0-1	2/18/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.084	0.084
RAA15-F24	0-1	2/18/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.070	0.070
RAA15-G15	0-1	2/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.057	0.057
	1-3	2/13/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.016 J	0.016 J
	3-6	2/13/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-10	2/13/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	10-15	2/13/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.017 J	0.017 J
RAA15-G17	0-1	2/17/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.089	0.089
RAA15-G18	10-15	2/14/2003	ND(0.042)	0.014 J	ND(0.042)	ND(0.042)	0.014 J	0.028 J
RAA15-G19	0-1	2/18/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.053	0.053

TABLE C-1
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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-G20	0-1	2/14/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.074	0.074
	1-3	2/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-6	2/14/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-10	2/14/2003	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)
	10-15	2/14/2003	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]	ND(0.11) [ND(0.12)]
RAA15-G21	0-1	2/18/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.24	0.24
RAA15-G22	1-3	2/19/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.081	0.081
	3-6	2/19/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.021 J	0.021 J
	6-10	2/19/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	10-15	2/19/2003	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)	ND(0.056)
RAA15-G23	0-1	2/18/2003	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	0.094	0.094
RAA15-H15	0-1	2/17/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.10	0.10
RAA15-H17	0-1	2/17/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.084	0.084
RAA15-H18	0-1	2/18/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.061	0.061
RAA15-H19	0-1	2/18/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.067	0.067
RAA15-H20	0-1	2/18/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.080	0.080
RAA15-H21	0-1	2/18/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.18	0.18
RAA15-J17	0-1	2/17/2003	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	ND(0.041) [ND(0.040)]	0.061 [0.052]	0.061 [0.052]
RAA15-J18	0-1	2/14/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.069	0.069
	1-3	2/14/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	2/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	2/14/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	10-15	2/14/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA15-J19	0-1	2/18/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.11	0.11
RAA15-J20	0-1	2/20/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.060	0.060
	1-3	2/20/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	2/20/2003	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	6-10	2/20/2003	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)
	10-15	2/20/2003	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)	ND(0.075)
RAA15-L17	0-1	2/17/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.066	0.066
RAA15-L18	0-1	2/17/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.12	0.12
RAA15-L19	0-1	2/17/2003	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.051	0.051
Parcel K10-10-5								
RAA15-GH12	0-1	2/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.10	0.10
RAA15-GH13	0-1	2/12/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.16	0.16
RAA15-H11	0-1	2/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.066	0.066
	1-3	2/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.011 J	0.011 J
	3-5	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA15-H12	0-1	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.088	0.088
RAA15-H13	0-1	2/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.050	0.050
	1-3	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	3-5	2/12/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	9-11	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
RAA15-H14	0-1	2/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.053	0.053
RAA15-I10	0-1	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.095	0.15	0.245
RAA15-I11	0-1	2/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.61	0.55	1.16

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-I12	0-1	2/12/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.11	0.16	0.27
RAA15-I13	0-1	2/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.054	0.054
RAA15-I14	0-1	2/12/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.076	0.076
RAA15-J8.5	0-1	2/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.11
RAA15-J9	0-1	2/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.13	0.13
	1-3	2/12/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-5	2/12/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-J10	0-1	2/12/2003	ND(0.043) [ND(0.043)]	ND(0.043) [ND(0.043)]	ND(0.043) [ND(0.043)]	ND(0.043) [ND(0.043)]	0.19 [0.19]	0.19 [0.19]
RAA15-J11	0-1	2/11/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.45	0.38	0.83
	1-3	2/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.018 J	0.018 J
	3-5	2/11/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.016 J	0.016 J
	5-7	2/11/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
RAA15-J12	0-1	2/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.063	0.063
RAA15-J13	0-1	2/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.10	0.10
RAA15-K8.5	0-1	2/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.072	0.15	0.222
RAA15-K9	0-1	2/12/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.14	0.14
RAA15-K10	0-1	2/12/2003	ND(0.047)	ND(0.047)	ND(0.047)	0.031 J	0.070	0.101
RAA15-K11	0-1	2/12/2003	ND(0.046)	ND(0.046)	ND(0.046)	0.35	0.56	0.91
RAA15-K12	0-1	2/12/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.15	0.15
RAA15-L8.5	0-1	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.13	0.13
RAA15-L9	0-1	2/11/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.34	0.34
	1-3	2/11/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.0071 J	0.0071 J
	3-5	2/11/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-L10	0-1	2/12/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.15	0.15
Parcel K10-10-6								
RAA15-I15	0-1	2/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.099	0.099
RAA15-J14	0-1	2/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.051	0.051
RAA15-J15	0-1	2/11/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.15	0.15
	1-3	2/11/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.053	0.051	0.104
	3-5	2/11/2003	ND(0.041)	0.012 J	ND(0.041)	ND(0.041)	0.039 J	0.051 J
	5-7	2/11/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.040	ND(0.039)	0.040
	7-9	2/11/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA15-K13	0-1	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.14	0.14	0.28
RAA15-K14	0-1	2/12/2003	ND(0.040) [ND(0.20)]	ND(0.040) [ND(0.20)]	ND(0.040) [ND(0.20)]	0.74 [2.9]	0.41 [1.7]	1.15 [4.6]
RAA15-K15	0-1	2/12/2003	ND(0.043)	ND(0.043)	ND(0.043)	0.041 J	0.058	0.099
RAA15-K16	0-1	2/12/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.20	0.20
RAA15-L11	0-1	2/11/2003	ND(0.044)	ND(0.044)	ND(0.044)	0.32	0.30	0.62
	1-3	2/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.029 J	0.033 J	0.062 J
	3-5	2/11/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-L12	0-1	2/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.73	0.73

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-L13	0-1	2/11/2003	ND(0.042)	ND(0.042)	ND(0.042)	0.63	0.42	1.05
	1-3	2/11/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.4	2.4
	3-5	2/11/2003	ND(0.038)	0.13	ND(0.038)	0.17	0.11	0.41
	5-7	2/11/2003	ND(3.9)	ND(3.9)	ND(3.9)	25	ND(3.9)	25
	7-9	2/11/2003	ND(3.8)	ND(3.8)	ND(3.8)	35	ND(3.8)	35
	9-11	2/11/2003	ND(0.39)	ND(0.39)	ND(0.39)	3.0	ND(0.39)	3.0
	11-13	2/11/2003	ND(0.050)	ND(0.050)	ND(0.050)	0.40 J	ND(0.050)	0.40 J
	13-15	2/11/2003	ND(0.047)	ND(0.047)	ND(0.047)	0.014 J	ND(0.047)	0.014 J
RAA15-L14	0-1	2/12/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.22	0.19	0.41
RAA15-L15	0-1	2/11/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.15	0.15
	1-3	2/11/2003	ND(0.037)	ND(0.037)	ND(0.037)	0.016 J	0.024 J	0.040 J
	3-5	2/11/2003	ND(0.19)	ND(0.19)	ND(0.19)	2.7	ND(0.19)	2.7
	5-7	2/11/2003	ND(7.8)	ND(7.8)	ND(7.8)	63	ND(7.8)	63
	7-9	2/11/2003	ND(0.038)	ND(0.038)	ND(0.038)	0.29	ND(0.038)	0.29
	9-11	2/11/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.37	ND(0.039)	0.37
	11-13	2/11/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.78	ND(0.039)	0.78
	13-15	2/11/2003	ND(0.043) [ND(0.042) J]	ND(0.043) [ND(0.042) J]	ND(0.043) [ND(0.042) J]	0.50 [0.21 J]	ND(0.043) [0.093 J]	0.50 [0.303 J]
RAA15-L16	0-1	2/12/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.099	0.099
RAA15-M10	0-1	2/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	0.013 J	0.016 J	0.029 J
RAA15-M11	0-1	2/12/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.033 J	0.033 J
RAA15-M12	0-1	2/11/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.20	0.35	0.55
RAA15-M13	0-1	2/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.89	1.3	2.19
RAA15-M14	0-1	2/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.12	0.12
RAA15-M15	0-1	2/11/2003	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.24	0.24
RAA15-M16	0-1	2/11/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.16	0.16
RAA15-M17	0-1	2/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.17	0.27	0.44
RAA15-N11	0-1	2/10/2003	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.16	0.16
	1-3	2/10/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.029 J	0.029 J
	3-5	2/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-N12	0-1	2/11/2003	ND(0.042)	ND(0.042)	ND(0.042)	0.10	0.13	0.23
RAA15-N13	0-1	2/10/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	1.6	1.6
	1-3	2/10/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.18	0.18
	3-5	2/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-N14	0-1	2/11/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.88	0.88
RAA15-N15	0-1	2/10/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	2.1	2.1
	1-3	2/10/2003	ND(0.36) [ND(0.74)]	ND(0.36) [ND(0.74)]	ND(0.36) [ND(0.74)]	8.1 [11]	4.2 [5.4]	12.3 [16.4]
	3-5	2/10/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.22	0.30	0.52
	5-7	2/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.046	ND(0.036)	0.046
	7-9	2/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-N16	0-1	2/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	0.18	0.30	0.48
RAA15-N17	0-1	2/10/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.38	0.38
	1-3	2/10/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.13	0.13
	3-5	2/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.038	0.038
	5-7	2/10/2003	ND(0.035)	ND(0.035)	0.017 J	0.039	0.10	0.156
	7-9	2/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)

TABLE C-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA15-O11	0-1	2/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.091	0.091
RAA15-O13	0-1	2/11/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.062	0.062
RAA15-O14	0-1	2/11/2003	ND(0.040)	ND(0.040)	ND(0.040)	0.090	0.087	0.177
RAA15-O15	0-1	2/11/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.4	1.4
RAA15-O16	0-1	2/11/2003	ND(0.041)	ND(0.041)	ND(0.041)	1.6	0.76	2.36
RAA15-P12	0-1	2/11/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.020 J	0.020 J
RAA15-P13	0-1	2/10/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.13	0.13
	1-3	2/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.051	0.051
	3-5	2/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.0096 J	0.0096 J
	5-7	2/10/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA15-P14	0-1	2/11/2003	ND(0.047)	ND(0.047)	ND(0.047)	0.057	0.061	0.118
RAA15-P15	0-1	2/10/2003	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	0.15	0.15
	1-3	2/10/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.026 J	0.026 J
	3-5	2/10/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA15-Q13	0-1	2/11/2003	ND(0.043)	ND(0.043)	ND(0.043)	0.082	0.13	0.212

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. and Severn Trent Laboratories, Inc. for analysis of PCBs.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE
Sample Depth(Feet):	0-1	1-3	3-4	3-6	10-12	10-15	1-3
Parameter Date Collected:	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	05/05/04
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,1,2-Trichloroethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,1-Dichloroethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,1-Dichloroethene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,2,3-Trichloropropane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,2-Dibromoethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,2-Dichloroethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,2-Dichloropropane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
1,4-Dioxane	ND(1.2) J	ND(1.9) J	ND(1.2) J	NA	ND(1.1) J	NA	NA
2-Butanone	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
2-Chloro-1,3-butadiene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
2-Chloroethylvinylether	ND(0.012) J	ND(0.019) J	ND(0.012) J	NA	ND(0.011) J	NA	NA
2-Hexanone	ND(0.023) J	ND(0.038) J	ND(0.024) J	NA	ND(0.022) J	NA	NA
3-Chloropropene	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
4-Methyl-2-pentanone	ND(0.023)	ND(0.038)	ND(0.022)	NA	ND(0.024)	NA	NA
Acetone	ND(0.023) J	ND(0.038) J	ND(0.024) J	NA	ND(0.022) J	NA	NA
Acetonitrile	ND(0.12)	ND(0.19)	ND(0.11)	NA	ND(0.12)	NA	NA
Acrolein	ND(0.12)	ND(0.19)	ND(0.11)	NA	ND(0.12)	NA	NA
Acrylonitrile	ND(0.12)	ND(0.19)	ND(0.11)	NA	ND(0.12)	NA	NA
Benzene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Bromodichloromethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Bromoform	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Bromomethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Carbon Disulfide	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Carbon Tetrachloride	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Chlorobenzene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Chloroethane	ND(0.012)	ND(0.019)	ND(0.011)	NA	ND(0.012)	NA	NA
Chloroform	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Chloromethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
cis-1,3-Dichloropropene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Dibromochloromethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Dibromomethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Dichlorodifluoromethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Ethyl Methacrylate	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
Ethylbenzene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Iodomethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Isobutanol	ND(0.23) J	ND(0.38) J	ND(0.24) J	NA	ND(0.22) J	NA	NA
Methacrylonitrile	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
Methyl Methacrylate	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
Methylene Chloride	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Propionitrile	ND(0.012)	ND(0.019)	ND(0.011)	NA	ND(0.012)	NA	NA
Styrene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Tetrachloroethene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Toluene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
trans-1,2-Dichloroethene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
trans-1,3-Dichloropropene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
Trichloroethene	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Trichlorofluoromethane	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Vinyl Acetate	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J	NA	ND(0.0054) J	NA	NA
Vinyl Chloride	ND(0.012)	ND(0.019)	ND(0.011)	NA	ND(0.012)	NA	NA
Xylenes (total)	ND(0.0058)	ND(0.0094)	ND(0.0054)	NA	ND(0.0060)	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(1.5)	1.9	NA	ND(0.38)	NA	ND(0.36)	NA
1,2,4-Trichlorobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
1,2-Dichlorobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
1,2-Diphenylhydrazine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
1,3,5-Trinitrobenzene	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
1,3-Dichlorobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE
Sample Depth(Feet):	0-1	1-3	3-4	3-6	10-12	10-15	1-3
Parameter Date Collected:	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	05/05/04
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
1,4-Dichlorobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
1,4-Naphthoquinone	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
1-Naphthylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,3,4,6-Tetrachlorophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,4,5-Trichlorophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,4,6-Trichlorophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,4-Dichlorophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,4-Dimethylphenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,4-Dinitrophenol	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
2,4-Dinitrotoluene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,6-Dichlorophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2,6-Dinitrotoluene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2-Acetylaminofluorene	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
2-Chloronaphthalene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2-Chlorophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2-Methylnaphthalene	ND(1.5)	0.15 J	NA	0.080 J	NA	ND(0.36)	NA
2-Methylphenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2-Naphthylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2-Nitroaniline	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
2-Nitrophenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
2-Picoline	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
3&4-Methylphenol	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
3,3'-Dichlorobenzidine	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
3,3'-Dimethylbenzidine	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
3-Methylcholanthrene	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
3-Nitroaniline	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
4,6-Dinitro-2-methylphenol	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
4-Aminobiphenyl	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
4-Bromophenyl-phenylether	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
4-Chloro-3-Methylphenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
4-Chloroaniline	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
4-Chlorobenzilate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
4-Chlorophenyl-phenylether	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
4-Nitroaniline	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
4-Nitrophenol	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
4-Nitroquinoline-1-oxide	ND(15)	ND(16)	NA	ND(3.8)	NA	ND(3.6)	NA
4-Phenylenediamine	ND(31)	ND(33)	NA	ND(7.6)	NA	ND(7.3)	NA
5-Nitro-o-toluidine	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
7,12-Dimethylbenz(a)anthracene	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
a,a'-Dimethylphenethylamine	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Acenaphthene	ND(1.5)	0.13 J	NA	0.13 J	NA	ND(0.36)	NA
Acenaphthylene	ND(1.5)	0.42 J	NA	0.13 J	NA	ND(0.36)	NA
Acetophenone	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Aniline	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Anthracene	ND(1.5)	0.59 J	NA	0.46	NA	ND(0.36)	NA
Aramite	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Benzidine	ND(15)	ND(16)	NA	ND(3.8)	NA	ND(3.6)	NA
Benzo(a)anthracene	0.28 J	1.7	NA	0.91	NA	ND(0.36)	NA
Benzo(a)pyrene	0.21 J	1.9	NA	0.95	NA	ND(0.36)	NA
Benzo(b)fluoranthene	0.17 J	1.8	NA	1.1	NA	ND(0.36)	NA
Benzo(g,h,i)perylene	ND(1.5)	1.1 J	NA	0.35 J	NA	ND(0.36)	NA
Benzo(k)fluoranthene	ND(1.5)	1.9	NA	0.68	NA	ND(0.36)	NA
Benzyl Alcohol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
bis(2-Chloroethoxy)methane	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
bis(2-Chloroethyl)ether	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Butylbenzylphthalate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Chrysene	0.38 J	2.3	NA	1.0	NA	ND(0.36)	NA
Diallate	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Dibenzo(a,h)anthracene	ND(1.5)	0.42 J	NA	0.13 J	NA	ND(0.36)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE
Sample Depth(Feet):	0-1	1-3	3-4	3-6	10-12	10-15	1-3
Parameter Date Collected:	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	05/05/04
Semivolatile Organics (continued)							
Dibenzofuran	ND(1.5)	0.15 J	NA	0.14 J	NA	ND(0.36)	NA
Diethylphthalate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Dimethylphthalate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Di-n-Butylphthalate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Di-n-Octylphthalate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Diphenylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Ethyl Methanesulfonate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Fluoranthene	0.44 J	3.2	NA	2.2	NA	ND(0.36)	NA
Fluorene	ND(1.5)	ND(1.6)	NA	0.14 J	NA	ND(0.36)	NA
Hexachlorobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Hexachlorobutadiene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Hexachlorocyclopentadiene	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Hexachloroethane	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Hexachlorophene	ND(31)	ND(33)	NA	ND(7.7)	NA	ND(7.4)	NA
Hexachloropropene	ND(15)	ND(16)	NA	ND(3.8)	NA	ND(3.6)	NA
Indeno(1,2,3-cd)pyrene	ND(1.5)	1.2 J	NA	0.40	NA	ND(0.36)	NA
Isodrin	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Isophorone	ND(1.5)	ND(1.6)	NA	0.15 J	NA	ND(0.36)	NA
Isosafrole	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Methapyrilene	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Methyl Methanesulfonate	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Naphthalene	ND(1.5)	0.23 J	NA	0.15 J	NA	ND(0.36)	NA
Nitrobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosodiethylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosodimethylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitroso-di-n-butylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitroso-di-n-propylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosodiphenylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosomethylethylamine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosomorpholine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosopiperidine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
N-Nitrosopyrrolidine	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
o-Toluidine	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
p-Dimethylaminoazobenzene	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Pentachlorobenzene	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Pentachloroethane	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Pentachloronitrobenzene	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Pentachlorophenol	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Phenacetin	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Phenanthrene	0.21 J	2.4	NA	1.8	NA	ND(0.36)	NA
Phenol	ND(1.5)	ND(1.6)	NA	ND(0.38)	NA	ND(0.36)	NA
Pronamide	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Pyrene	0.52 J	2.4	NA	1.4	NA	ND(0.36)	NA
Pyridine	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Safrole	ND(3.1)	ND(3.3)	NA	ND(0.76)	NA	ND(0.73)	NA
Thionazin	ND(7.5)	ND(7.9)	NA	ND(1.8)	NA	ND(1.8)	NA
Furans							
2,3,7,8-TCDF	ND(0.0000089) X	0.00014	NA	0.000017	NA	ND(0.00000030)	NA
TCDFs (total)	ND(0.000099) X	ND(0.0016) X	NA	ND(0.00046) X	NA	ND(0.00000030)	NA
1,2,3,7,8-PeCDF	0.0000056 J	0.000069	NA	ND(0.000011) X	NA	ND(0.00000020)	NA
2,3,4,7,8-PeCDF	0.0000070	0.000085	NA	0.000023	NA	ND(0.00000019)	NA
PeCDFs (total)	ND(0.00014) X	ND(0.00084) X	NA	ND(0.00028) X	NA	ND(0.00000019)	NA
1,2,3,4,7,8-HxCDF	0.000013	0.000064	NA	ND(0.000017) X	NA	0.00000032 J	NA
1,2,3,6,7,8-HxCDF	ND(0.000013) X	0.000054 J	NA	ND(0.0000099) X	NA	ND(0.00000012)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000041) X	ND(0.0000036) X	NA	ND(0.00000067) X	NA	ND(0.00000016)	NA
2,3,4,6,7,8-HxCDF	0.0000044 J	0.000045 J	NA	ND(0.000014) X	NA	ND(0.00000014)	NA
HxCDFs (total)	ND(0.000099) XQJ	ND(0.00048) X	NA	ND(0.00012) X	NA	0.00000032 J	NA
1,2,3,4,6,7,8-HpCDF	0.000014	0.00013	NA	0.000033	NA	ND(0.00000029)	NA
1,2,3,4,7,8,9-HpCDF	0.0000033 J	0.000019 J	NA	ND(0.0000020) X	NA	ND(0.00000036)	NA
HpCDFs (total)	ND(0.000032) X	0.00019	NA	ND(0.000044) X	NA	ND(0.00000032)	NA
OCDF	0.000013	0.000057 J	NA	0.0000086 J	NA	ND(0.00000072)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE
Sample Depth(Feet):	0-1	1-3	3-4	3-6	10-12	10-15	1-3
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	03/10/03	05/05/04
Dioxins							
2,3,7,8-TCDD	ND(0.00000028)	ND(0.0000030) X	NA	ND(0.00000075) X	NA	ND(0.00000040)	NA
TCDDs (total)	ND(0.00000094) X	ND(0.000049) X	NA	ND(0.000025) X	NA	ND(0.00000040)	NA
1,2,3,7,8-PeCDD	ND(0.0000017) X	ND(0.0000037) X	NA	0.0000018 J	NA	ND(0.00000024)	NA
PeCDDs (total)	ND(0.0000058) X	ND(0.000059) X	NA	ND(0.000030) X	NA	ND(0.00000024)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000040) X	0.0000047 J	NA	0.0000018 J	NA	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000082) X	0.0000055 J	NA	0.0000020 J	NA	ND(0.00000028)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000033) XQJ	ND(0.000011) X	NA	0.0000041 J	NA	ND(0.00000028)	NA
HxCDDs (total)	ND(0.000011) XQJ	ND(0.000081) X	NA	ND(0.000033) X	NA	ND(0.00000028)	NA
1,2,3,4,6,7,8-HpCDD	0.000011	0.000043 J	NA	0.0000076 QJ	NA	ND(0.00000057)	NA
HpCDDs (total)	0.000022	0.000082 J	NA	0.000018 QJ	NA	ND(0.00000057)	NA
OCDD	0.000075	0.000084 J	NA	0.000017 J	NA	ND(0.00000030) J	NA
Total TEQs (WHO TEFs)	0.0000080	0.000083	NA	0.000019	NA	0.00000049	NA
Inorganics							
Antimony	5.00 B	969	NA	115	NA	0.480 B	610
Arsenic	3.40	19.1	NA	6.50	NA	4.00	NA
Barium	102 J	1810	NA	648 J	NA	33.8 J	NA
Beryllium	0.230 B	0.300 B	NA	0.380 B	NA	0.400 B	NA
Cadmium	0.130 B	5.00	NA	5.40	NA	ND(0.550)	NA
Chromium	6.90	39.7	NA	17.1	NA	7.80	NA
Cobalt	6.50	10.2	NA	8.50	NA	7.90	NA
Copper	301 J	8860 J	NA	2410	NA	16.5 J	NA
Cyanide	ND(0.580)	0.400 B	NA	0.320 B	NA	ND(0.550)	NA
Lead	367 J	14000 J	NA	9560	NA	9.60 J	850
Mercury	1.80 J	10.4	NA	6.4	NA	0.450 J	NA
Nickel	10.7	38.7	NA	17.0	NA	13.6	NA
Selenium	ND(0.580)	1.20 B	NA	ND(0.570)	NA	ND(0.550)	NA
Silver	0.130 B	5.50	NA	2.30	NA	ND(1.10)	NA
Sulfide	ND(11.7)	ND(12.4)	NA	ND(11.5)	NA	ND(11.0)	NA
Thallium	ND(1.20)	ND(6.20)	NA	ND(5.70)	NA	ND(1.10)	NA
Tin	34.5 J	3300 J	NA	2750 J	NA	ND(3.90)	NA
Vanadium	7.20	22.9	NA	11.0	NA	8.80	NA
Zinc	66.8	3230	NA	2790	NA	49.9	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2NW	RAA15-E2SE	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	1-3	1-3	0-1	1-3	6-10	8-10
Parameter Date Collected:	05/05/04	05/05/04	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1,1-Trichloroethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1,2-Trichloroethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1-Dichloroethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1-Dichloroethene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2,3-Trichloropropane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dibromo-3-chloropropane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dibromoethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dichloroethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dichloropropane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,4-Dioxane	NA	NA	NA	ND(1.8) J	ND(0.93) J	NA	ND(0.94) J
2-Butanone	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
2-Chloro-1,3-butadiene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
2-Chloroethylvinylether	NA	NA	NA	ND(0.018) J	ND(0.0093) J	NA	ND(0.0094) J
2-Hexanone	NA	NA	NA	ND(0.035) J	ND(0.019) J	NA	ND(0.019) J
3-Chloropropene	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
4-Methyl-2-pentanone	NA	NA	NA	ND(0.035)	ND(0.019)	NA	ND(0.019)
Acetone	NA	NA	NA	ND(0.035) J	ND(0.019) J	NA	ND(0.019) J
Acetonitrile	NA	NA	NA	ND(0.18)	ND(0.093)	NA	ND(0.094)
Acrolein	NA	NA	NA	ND(0.18)	ND(0.093)	NA	ND(0.094)
Acrylonitrile	NA	NA	NA	ND(0.18)	ND(0.093)	NA	ND(0.094)
Benzene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Bromodichloromethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Bromoform	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Bromomethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Carbon Disulfide	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Carbon Tetrachloride	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Chlorobenzene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Chloroethane	NA	NA	NA	ND(0.018)	ND(0.0093)	NA	ND(0.0094)
Chloroform	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Chloromethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
cis-1,3-Dichloropropene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Dibromochloromethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Dibromomethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Dichlorodifluoromethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Ethyl Methacrylate	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Ethylbenzene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Iodomethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Isobutanol	NA	NA	NA	ND(0.35) J	ND(0.19) J	NA	ND(0.19) J
Methacrylonitrile	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Methyl Methacrylate	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Methylene Chloride	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Propionitrile	NA	NA	NA	ND(0.018)	ND(0.0093)	NA	ND(0.0094)
Styrene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Tetrachloroethene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Toluene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
trans-1,2-Dichloroethene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
trans-1,3-Dichloropropene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Trichloroethene	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Trichlorofluoromethane	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Vinyl Acetate	NA	NA	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Vinyl Chloride	NA	NA	NA	ND(0.018)	ND(0.0093)	NA	ND(0.0094)
Xylenes (total)	NA	NA	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,2,4-Trichlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,2-Dichlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,2-Diphenylhydrazine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,3,5-Trinitrobenzene	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
1,3-Dichlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2NW	RAA15-E2SE	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	1-3	1-3	0-1	1-3	6-10	8-10
Parameter / Date Collected:	05/05/04	05/05/04	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,4-Dichlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,4-Naphthoquinone	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
1-Naphthylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,3,4,6-Tetrachlorophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4,5-Trichlorophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4,6-Trichlorophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4-Dichlorophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4-Dimethylphenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4-Dinitrophenol	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
2,4-Dinitrotoluene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,6-Dichlorophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,6-Dinitrotoluene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Acetylaminofluorene	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
2-Chloronaphthalene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Chlorophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Methylnaphthalene	NA	NA	NA	0.034 J	ND(0.35)	ND(0.36)	NA
2-Methylphenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Naphthylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Nitroaniline	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
2-Nitrophenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Picoline	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
3&4-Methylphenol	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
3,3'-Dichlorobenzidine	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3,3'-Dimethylbenzidine	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3-Methylcholanthrene	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3-Nitroaniline	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Aminobiphenyl	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Bromophenyl-phenylether	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chloro-3-Methylphenol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chloroaniline	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chlorobenzilate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chlorophenyl-phenylether	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Nitroaniline	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Nitrophenol	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	ND(4.6)	ND(3.5)	ND(3.6)	NA
4-Phenylenediamine	NA	NA	NA	ND(9.1)	ND(6.9)	ND(7.1)	NA
5-Nitro-o-toluidine	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Acenaphthene	NA	NA	NA	0.059 J	ND(0.35)	ND(0.36)	NA
Acenaphthylene	NA	NA	NA	0.13 J	ND(0.35)	ND(0.36)	NA
Acetophenone	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Aniline	NA	NA	NA	0.060 J	ND(0.35)	ND(0.36)	NA
Anthracene	NA	NA	NA	0.20 J	ND(0.35)	ND(0.36)	NA
Aramite	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Benzidine	NA	NA	NA	ND(4.6)	ND(3.5)	ND(3.6)	NA
Benzo(a)anthracene	NA	NA	NA	0.59	ND(0.35)	ND(0.36)	NA
Benzo(a)pyrene	NA	NA	NA	0.64	ND(0.35)	ND(0.36)	NA
Benzo(b)fluoranthene	NA	NA	NA	0.65	ND(0.35)	ND(0.36)	NA
Benzo(g,h,i)perylene	NA	NA	NA	0.23 J	ND(0.35)	ND(0.36)	NA
Benzo(k)fluoranthene	NA	NA	NA	0.67	ND(0.35)	ND(0.36)	NA
Benzyl Alcohol	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Chloroethyl)ether	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Butylbenzylphthalate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Chrysene	NA	NA	NA	0.71	ND(0.35)	ND(0.36)	NA
Diallate	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Dibenzo(a,h)anthracene	NA	NA	NA	0.081 J	ND(0.35)	ND(0.36)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2NW	RAA15-E2SE	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	1-3	1-3	0-1	1-3	6-10	8-10
Parameter Date Collected:	05/05/04	05/05/04	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Semivolatile Organics (continued)							
Dibenzofuran	NA	NA	NA	0.051 J	ND(0.35)	ND(0.36)	NA
Diethylphthalate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Dimethylphthalate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Di-n-Butylphthalate	NA	NA	NA	0.083 J	ND(0.35)	ND(0.36)	NA
Di-n-Octylphthalate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Diphenylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Ethyl Methanesulfonate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Fluoranthene	NA	NA	NA	1.3	ND(0.35)	ND(0.36)	NA
Fluorene	NA	NA	NA	0.070 J	ND(0.35)	ND(0.36)	NA
Hexachlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Hexachlorobutadiene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Hexachlorocyclopentadiene	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Hexachloroethane	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Hexachlorophene	NA	NA	NA	ND(9.3)	ND(7.0)	ND(7.2)	NA
Hexachloropropene	NA	NA	NA	ND(4.6)	ND(3.5)	ND(3.6)	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	0.28 J	ND(0.35)	ND(0.36)	NA
Isodrin	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Isophorone	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Isosafrole	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Methapyrilene	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Methyl Methanesulfonate	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Naphthalene	NA	NA	NA	0.044 J	ND(0.35)	ND(0.36)	NA
Nitrobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosodiethylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosodimethylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitroso-di-n-butylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosodiphenylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosomethylethylamine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosomorpholine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosopiperidine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosopyrrolidine	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
o-Toluidine	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
p-Dimethylaminoazobenzene	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Pentachlorobenzene	NA	NA	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Pentachloroethane	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Pentachloronitrobenzene	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Pentachlorophenol	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Phenacetin	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Phenanthrene	NA	NA	NA	0.93	ND(0.35)	ND(0.36)	NA
Phenol	NA	NA	NA	0.031 J	ND(0.35)	ND(0.36)	NA
Pronamide	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Pyrene	NA	NA	NA	0.92	ND(0.35)	ND(0.36)	NA
Pyridine	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Safrole	NA	NA	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Thionazin	NA	NA	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Furans							
2,3,7,8-TCDF	NA	NA	NA	0.000024	0.0000026	0.0000016	NA
TCDFs (total)	NA	NA	NA	ND(0.00022) X	ND(0.000022) X	ND(0.000013) X	NA
1,2,3,7,8-PeCDF	NA	NA	NA	0.0000065 J	0.0000020 J	0.0000010 J	NA
2,3,4,7,8-PeCDF	NA	NA	NA	0.0000075	0.0000018 J	0.0000010 J	NA
PeCDFs (total)	NA	NA	NA	ND(0.00031) X	ND(0.000026) X	ND(0.000010) X	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.0000084	0.0000045 J	0.0000030 J	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.0000046 J	0.0000019 J	0.0000012 J	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	ND(0.00000022) X	ND(0.00000011)	ND(0.000000094)	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.0000054 J	0.00000067 J	0.00000035 J	NA
HxCDFs (total)	NA	NA	NA	ND(0.00026) XQ	ND(0.000020) XQ	ND(0.0000082) X	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.000019	0.0000047 J	0.0000020 J	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.0000024 J	0.00000082 J	ND(0.00000060) X	NA
HpCDFs (total)	NA	NA	NA	ND(0.000050) X	ND(0.000010) X	ND(0.0000035) X	NA
OCDF	NA	NA	NA	0.000012 J	0.0000051 J	0.0000014 J	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1						
Sample ID:	RAA15-E2NW	RAA15-E2SE	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	1-3	1-3	0-1	1-3	6-10	8-10
Parameter Date Collected:	05/05/04	05/05/04	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Dioxins							
2,3,7,8-TCDD	NA	NA	NA	ND(0.00000032)	ND(0.00000023)	ND(0.00000021)	NA
TCDDs (total)	NA	NA	NA	ND(0.0000025) X	ND(0.00000023)	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	NA	NA	NA	ND(0.00000049) X	ND(0.00000015)	ND(0.00000012)	NA
PeCDDs (total)	NA	NA	NA	ND(0.0000061) X	ND(0.00000015)	ND(0.00000012)	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	ND(0.00000055) X	ND(0.00000015)	ND(0.00000014)	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	0.0000014 J	ND(0.00000027) X	ND(0.00000013)	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	0.0000013 QJ	ND(0.00000014)	ND(0.00000013)	NA
HxCDDs (total)	NA	NA	NA	ND(0.000015) XQJ	ND(0.0000012) X	ND(0.00000067) X	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.000014 QJ	0.0000049 QJ	ND(0.00000023)	NA
HpCDDs (total)	NA	NA	NA	0.000033 QJ	0.0000095 QJ	ND(0.00000032) X	NA
OCDD	NA	NA	NA	0.000080	0.000048	ND(0.0000012) X	NA
Total TEQs (WHO TEFs)	NA	NA	NA	0.0000094	0.0000023	0.0000014	NA
Inorganics							
Antimony	400	820	130	2.50 B	ND(6.30)	ND(6.50)	NA
Arsenic	NA	NA	NA	3.70	2.80	6.20	NA
Barium	NA	NA	NA	38.6 J	14.4 J	21.4 J	NA
Beryllium	NA	NA	NA	0.390 B	0.290 B	0.410 B	NA
Cadmium	NA	NA	NA	ND(0.690)	ND(0.520)	ND(0.540)	NA
Chromium	NA	NA	NA	7.10	5.60	10.1	NA
Cobalt	NA	NA	NA	5.20 B	5.30	10.8	NA
Copper	NA	NA	NA	61.8 J	9.90 J	26.1 J	NA
Cyanide	NA	NA	NA	0.270 B	ND(0.520)	0.200 B	NA
Lead	6500	11000	5900	77.6 J	7.10 J	10.1 J	NA
Mercury	NA	NA	NA	2.30 J	0.490 J	0.510 J	NA
Nickel	NA	NA	NA	9.70	8.10	17.9	NA
Selenium	NA	NA	NA	ND(0.690)	ND(0.520)	ND(0.540)	NA
Silver	NA	NA	NA	ND(1.40)	ND(1.00)	ND(1.10)	NA
Sulfide	NA	NA	NA	ND(13.8)	ND(10.5)	ND(10.8)	NA
Thallium	NA	NA	NA	ND(1.40)	ND(1.00)	ND(1.10)	NA
Tin	NA	NA	NA	16.1 J	ND(6.20)	ND(3.00)	NA
Vanadium	NA	NA	NA	9.90	5.20 B	9.50	NA
Zinc	NA	NA	NA	65.1	31.7	53.4	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter Date Collected:	03/04/03	03/04/03	03/04/03	03/04/03	03/05/03	03/05/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,1,1-Trichloroethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,1,2,2-Tetrachloroethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,1,2-Trichloroethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,1-Dichloroethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,1-Dichloroethene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,2,3-Trichloropropane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,2-Dibromo-3-chloropropane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,2-Dibromoethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,2-Dichloroethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,2-Dichloropropane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
1,4-Dioxane	ND(0.87) J	ND(1.0) J	NA	ND(1.0) J	ND(2.3) J	ND(0.99) J
2-Butanone	ND(0.0043) J	ND(0.0051) J	NA	ND(0.0051) J	0.0046 J	ND(0.0049) J
2-Chloro-1,3-butadiene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012) J	ND(0.0049) J
2-Chloroethylvinylether	ND(0.0087) J	ND(0.010) J	NA	ND(0.010) J	ND(0.023) J	ND(0.0099) J
2-Hexanone	ND(0.017) J	ND(0.020) J	NA	ND(0.020) J	ND(0.046)	ND(0.020)
3-Chloropropene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
4-Methyl-2-pentanone	ND(0.017) J	ND(0.020) J	NA	ND(0.020) J	ND(0.046)	ND(0.020)
Acetone	ND(0.017)	ND(0.020)	NA	ND(0.020)	0.035 J	ND(0.020) J
Acetonitrile	ND(0.087) J	ND(0.10) J	NA	ND(0.10) J	ND(0.23)	ND(0.099)
Acrolein	ND(0.087) J	ND(0.10) J	NA	ND(0.10) J	ND(0.23) J	ND(0.099) J
Acrylonitrile	ND(0.087)	ND(0.10)	NA	ND(0.10)	ND(0.23) J	ND(0.099) J
Benzene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Bromodichloromethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Bromoform	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Bromomethane	ND(0.0043) J	ND(0.0051) J	NA	ND(0.0051) J	ND(0.012)	ND(0.0049)
Carbon Disulfide	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Carbon Tetrachloride	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Chlorobenzene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Chloroethane	ND(0.0087) J	ND(0.010) J	NA	ND(0.010) J	ND(0.023)	ND(0.0099)
Chloroform	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Chloromethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
cis-1,3-Dichloropropene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Dibromochloromethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Dibromomethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Dichlorodifluoromethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Ethyl Methacrylate	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012) J	ND(0.0049) J
Ethylbenzene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Iodomethane	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Isobutanol	ND(0.17) J	ND(0.20) J	NA	ND(0.20) J	ND(0.46) J	ND(0.20) J
Methacrylonitrile	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Methyl Methacrylate	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Methylene Chloride	0.0016 J	0.0014 J	NA	ND(0.0051)	0.0040 J	0.0014 J
Propionitrile	ND(0.0087)	ND(0.010)	NA	ND(0.010)	ND(0.023)	ND(0.0099)
Styrene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Tetrachloroethene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Toluene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
trans-1,2-Dichloroethene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
trans-1,3-Dichloropropene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
trans-1,4-Dichloro-2-butene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Trichloroethene	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Trichlorofluoromethane	ND(0.0043) J	ND(0.0051) J	NA	ND(0.0051) J	ND(0.012)	ND(0.0049)
Vinyl Acetate	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Vinyl Chloride	ND(0.0087)	ND(0.010)	NA	ND(0.010)	ND(0.023)	ND(0.0099)
Xylenes (total)	ND(0.0043)	ND(0.0051)	NA	ND(0.0051)	ND(0.012)	ND(0.0049)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
1,2-Dichlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
1,2-Diphenylhydrazine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
1,3,5-Trinitrobenzene	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
1,3-Dichlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter / Date Collected:	03/04/03	03/04/03	03/04/03	03/04/03	03/05/03	03/05/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
1,4-Dichlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
1,4-Naphthoquinone	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
1-Naphthylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,3,4,6-Tetrachlorophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,4,5-Trichlorophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,4,6-Trichlorophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,4-Dichlorophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,4-Dimethylphenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,4-Dinitrophenol	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
2,4-Dinitrotoluene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,6-Dichlorophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2,6-Dinitrotoluene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Acetylaminofluorene	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
2-Chloronaphthalene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Chlorophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Methylnaphthalene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Methylphenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Naphthylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Nitroaniline	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
2-Nitrophenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
2-Picoline	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
3&4-Methylphenol	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
3,3'-Dichlorobenzidine	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
3,3'-Dimethylbenzidine	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
3-Methylcholanthrene	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
3-Nitroaniline	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
4,6-Dinitro-2-methylphenol	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
4-Aminobiphenyl	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
4-Bromophenyl-phenylether	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
4-Chloro-3-Methylphenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
4-Chloroaniline	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
4-Chlorobenzilate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
4-Chlorophenyl-phenylether	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
4-Nitroaniline	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
4-Nitrophenol	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
4-Nitroquinoline-1-oxide	ND(7.6)	ND(15)	ND(140)	NA	ND(4.4)	ND(3.6)
4-Phenylenediamine	ND(15)	ND(30)	ND(290)	NA	ND(8.9)	ND(7.2)
5-Nitro-o-toluidine	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
a,a'-Dimethylphenethylamine	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Acenaphthene	0.061 J	0.16 J	ND(14)	NA	0.056 J	0.031 J
Acenaphthylene	ND(0.76)	0.75 J	ND(14)	NA	0.055 J	0.040 J
Acetophenone	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Aniline	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Anthracene	0.15 J	0.69 J	ND(14)	NA	0.12 J	0.10 J
Aramite	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Benzidine	ND(7.6)	ND(15)	ND(140)	NA	ND(4.4)	ND(3.6)
Benzo(a)anthracene	0.49 J	4.0	ND(14)	NA	0.38 J	0.26 J
Benzo(a)pyrene	0.54 J	4.1	ND(14)	NA	0.45	0.26 J
Benzo(b)fluoranthene	0.52 J	4.0	ND(14)	NA	0.44	0.26 J
Benzo(g,h,i)perylene	0.22 J	1.2 J	ND(14)	NA	0.12 J	0.069 J
Benzo(k)fluoranthene	0.51 J	4.1	ND(14)	NA	0.53	0.25 J
Benzyl Alcohol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
bis(2-Chloroethoxy)methane	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
bis(2-Chloroethyl)ether	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Butylbenzylphthalate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Chrysene	0.57 J	4.0	ND(14)	NA	0.49	0.29 J
Diallate	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Dibenzo(a,h)anthracene	ND(0.76)	0.39 J	ND(14)	NA	ND(0.44)	ND(0.36)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter Date Collected:	03/04/03	03/04/03	03/04/03	03/04/03	03/05/03	03/05/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Diethylphthalate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Dimethylphthalate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Di-n-Butylphthalate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Di-n-Octylphthalate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Diphenylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Ethyl Methanesulfonate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Fluoranthene	1.3	8.0	ND(14)	NA	1.2	0.69
Fluorene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Hexachlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Hexachlorobutadiene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Hexachlorocyclopentadiene	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Hexachloroethane	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Hexachlorophene	ND(16)	ND(30)	ND(290)	NA	ND(9.0)	ND(7.3)
Hexachloropropene	ND(7.6)	ND(15)	ND(140)	NA	ND(4.4)	ND(3.6)
Indeno(1,2,3-cd)pyrene	0.26 J	1.5	ND(14)	NA	0.16 J	0.081 J
Isodrin	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Isophorone	ND(0.76)	ND(1.5)	45	NA	ND(0.44)	ND(0.36)
Isosafrole	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Methapyrilene	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Methyl Methanesulfonate	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Naphthalene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Nitrobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosodiethylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosodimethylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitroso-di-n-butylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitroso-di-n-propylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosodiphenylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosomethylethylamine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosomorpholine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosopiperidine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
N-Nitrosopyrrolidine	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
o,o,o-Triethylphosphorothioate	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
o-Toluidine	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
p-Dimethylaminoazobenzene	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Pentachlorobenzene	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Pentachloroethane	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Pentachloronitrobenzene	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Pentachlorophenol	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Phenacetin	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Phenanthrene	0.66 J	2.1	ND(14)	NA	0.58	0.44
Phenol	ND(0.76)	ND(1.5)	ND(14)	NA	ND(0.44)	ND(0.36)
Pronamide	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Pyrene	0.77	5.4	ND(14)	NA	0.67	0.42
Pyridine	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Safrole	ND(1.5)	ND(3.0)	ND(29)	NA	ND(0.89)	ND(0.72)
Thionazin	ND(3.7)	ND(7.3)	ND(70)	NA	ND(2.2)	ND(1.7)
Furans						
2,3,7,8-TCDF	ND(0.0000021) X	ND(0.0000092) X	ND(0.0000027) X	NA	ND(0.0000052) X	0.0000052
TCDFs (total)	ND(0.000017) X	ND(0.00036) X	ND(0.000031) X	NA	ND(0.000024) X	ND(0.000018) X
1,2,3,7,8-PeCDF	ND(0.00000085) X	0.0000043 J	0.0000012 J	NA	ND(0.00000089) X	ND(0.0000017) X
2,3,4,7,8-PeCDF	0.0000012 J	0.0000046 J	0.0000011 J	NA	0.0000017 J	0.0000015 J
PeCDFs (total)	ND(0.000045) X	ND(0.00045) X	ND(0.000040) X	NA	ND(0.000023) X	ND(0.000012) X
1,2,3,4,7,8-HxCDF	0.0000019 J	0.0000053 J	0.0000022 J	NA	0.00000089 J	0.0000015 J
1,2,3,6,7,8-HxCDF	ND(0.0000023) X	ND(0.000030) X	ND(0.0000034) X	NA	ND(0.0000016) X	ND(0.00000075) X
1,2,3,7,8,9-HxCDF	ND(0.00000017)	ND(0.00000028) X	ND(0.00000020)	NA	ND(0.000000099)	ND(0.000000098)
2,3,4,6,7,8-HxCDF	ND(0.00000061) X	0.0000023 J	0.00000066 J	NA	ND(0.00000035) X	ND(0.00000023) X
HxCDFs (total)	ND(0.000026) X	ND(0.00020) X	ND(0.000022) X	NA	ND(0.000013) XQJ	ND(0.0000073) X
1,2,3,4,6,7,8-HpCDF	0.0000043 J	0.000010	0.0000023 J	NA	0.0000033 J	0.0000050 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000030)	0.0000020 J	0.00000063 J	NA	ND(0.00000023) X	0.00000053 J
HpCDFs (total)	0.0000082 J	ND(0.000025) X	ND(0.0000047) X	NA	ND(0.0000070) X	0.000012
OCDF	0.0000041 J	0.0000090 J	0.0000026 J	NA	0.0000057 J	0.000011 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G4	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter / Date Collected:	03/04/03	03/04/03	03/04/03	03/04/03	03/05/03	03/05/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000027)	ND(0.00000029)	ND(0.00000034)	NA	ND(0.00000025)	ND(0.00000026)
TCDDs (total)	ND(0.00000043) X	ND(0.00000079) X	ND(0.00000034)	NA	ND(0.00000025)	ND(0.00000026)
1,2,3,7,8-PeCDD	ND(0.00000018)	ND(0.00000068) X	ND(0.00000021)	NA	ND(0.00000013)	ND(0.00000014)
PeCDDs (total)	ND(0.00000055) X	ND(0.0000084) X	ND(0.00000050) X	NA	ND(0.00000029) X	ND(0.00000014)
1,2,3,4,7,8-HxCDD	ND(0.00000023)	0.00000049 J	ND(0.00000027)	NA	ND(0.00000014)	ND(0.00000015)
1,2,3,6,7,8-HxCDD	0.00000055 J	0.0000021 J	ND(0.00000035) X	NA	0.00000045 J	0.00000064 J
1,2,3,7,8,9-HxCDD	ND(0.00000044) X	0.0000016 J	ND(0.00000036) X	NA	0.00000045 JQ	ND(0.00000014)
HxCDDs (total)	ND(0.0000058) X	ND(0.000022) X	ND(0.0000031) X	NA	ND(0.0000034) XQJ	ND(0.0000027) X
1,2,3,4,6,7,8-HpCDD	0.0000092	0.000017	0.0000037 J	NA	0.0000074	0.000012
HpCDDs (total)	0.000018	0.000033	0.0000070 J	NA	0.000013	0.000020
OCDD	0.000056 J	0.000095 J	0.000014	NA	0.000069	0.00013 J
Total TEQs (WHO TEFs)	0.0000015	0.0000065	0.0000016	NA	0.0000017	0.0000020
Inorganics						
Antimony	ND(6.90) J	0.550 J	ND(6.50) J	NA	ND(8.10) J	ND(6.50) J
Arsenic	7.80	4.10	2.90	NA	2.30	1.80
Barium	23.6	35.9	49.8	NA	24.9 B	23.0
Beryllium	ND(0.330)	ND(0.320)	ND(0.310)	NA	0.340 B	0.300 B
Cadmium	0.0780 B	0.0580 B	ND(0.540)	NA	ND(0.670)	ND(0.540)
Chromium	10.1	6.80	6.00	NA	14.6	10.4
Cobalt	11.2	4.40 B	2.40 B	NA	5.40 B	5.10 B
Copper	28.1 J	19.8 J	6.80 J	NA	16.1	11.9
Cyanide	ND(0.580)	0.240 B	ND(0.540)	NA	ND(0.670)	ND(0.540)
Lead	25.5	22.1	3.90	NA	24.5	17.1
Mercury	0.0380 B	0.0800	0.0230 B	NA	0.200 J	0.160 J
Nickel	23.2	9.30	5.70	NA	10.8	9.20
Selenium	ND(0.580) J	ND(0.570) J	ND(0.540) J	NA	ND(0.670)	ND(0.540)
Silver	ND(1.20)	ND(1.10)	ND(1.10)	NA	ND(1.30)	ND(1.10)
Sulfide	ND(11.6)	ND(11.4)	ND(10.9)	NA	ND(13.5)	ND(10.9)
Thallium	1.80 J	ND(1.10) J	ND(1.10) J	NA	ND(1.30) J	ND(1.10) J
Tin	ND(5.00)	ND(5.40)	ND(3.80)	NA	ND(6.30)	ND(4.60)
Vanadium	12.6	10.1	9.00	NA	10.2	7.80
Zinc	87.4	45.1	18.3	NA	56.5	42.1

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G6	RAA15-G6	RAA15-J4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	10-15	12-14	0-1	3-6	4-6	6-8
Parameter Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,1,1-Trichloroethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,1,2,2-Tetrachloroethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,1,2-Trichloroethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,1-Dichloroethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,1-Dichloroethene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,2,3-Trichloropropane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,2-Dibromo-3-chloropropane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,2-Dibromoethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,2-Dichloroethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,2-Dichloropropane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
1,4-Dioxane	NA	ND(1.2) J	ND(1.5) J	NA	ND(1.1) J	ND(0.95) J [ND(0.99) J]
2-Butanone	NA	ND(0.0062) J	ND(0.0074) J	NA	ND(0.0057) J	ND(0.0048) J [ND(0.0050) J]
2-Chloro-1,3-butadiene	NA	ND(0.0062) J	ND(0.0074) J	NA	ND(0.0057) J	ND(0.0048) J [ND(0.0050) J]
2-Chloroethylvinylether	NA	ND(0.012) J	ND(0.015) J	NA	ND(0.011) J	ND(0.0095) J [ND(0.0099) J]
2-Hexanone	NA	ND(0.025)	ND(0.030)	NA	ND(0.023)	ND(0.019) [ND(0.020)]
3-Chloropropene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
4-Methyl-2-pentanone	NA	ND(0.025)	ND(0.030)	NA	ND(0.023)	ND(0.019) [ND(0.020)]
Acetone	NA	ND(0.025) J	ND(0.030) J	NA	ND(0.023) J	ND(0.019) J [ND(0.020) J]
Acetonitrile	NA	ND(0.12)	ND(0.15)	NA	ND(0.11)	ND(0.095) [ND(0.099)]
Acrolein	NA	ND(0.12) J	ND(0.15) J	NA	ND(0.11) J	ND(0.095) J [ND(0.099) J]
Acrylonitrile	NA	ND(0.12) J	ND(0.15) J	NA	ND(0.11) J	ND(0.095) J [ND(0.099) J]
Benzene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Bromodichloromethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Bromoform	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Bromomethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Carbon Disulfide	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Carbon Tetrachloride	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Chlorobenzene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Chloroethane	NA	ND(0.012)	ND(0.015)	NA	ND(0.011)	ND(0.0095) [ND(0.0099)]
Chloroform	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Chloromethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
cis-1,3-Dichloropropene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Dibromochloromethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Dibromomethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Dichlorodifluoromethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Ethyl Methacrylate	NA	ND(0.0062) J	ND(0.0074) J	NA	ND(0.0057) J	ND(0.0048) J [ND(0.0050) J]
Ethylbenzene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Iodomethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Isobutanol	NA	ND(0.25) J	ND(0.30) J	NA	ND(0.23) J	ND(0.19) J [ND(0.20) J]
Methacrylonitrile	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Methyl Methacrylate	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Methylene Chloride	NA	ND(0.0062)	0.0019 J	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Propionitrile	NA	ND(0.012)	ND(0.015)	NA	ND(0.011)	ND(0.0095) [ND(0.0099)]
Styrene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Tetrachloroethene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Toluene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
trans-1,2-Dichloroethene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
trans-1,3-Dichloropropene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
trans-1,4-Dichloro-2-butene	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Trichloroethene	NA	ND(0.0062)	0.00086 J	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Trichlorofluoromethane	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Vinyl Acetate	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Vinyl Chloride	NA	ND(0.012)	ND(0.015)	NA	ND(0.011)	ND(0.0095) [ND(0.0099)]
Xylenes (total)	NA	ND(0.0062)	ND(0.0074)	NA	ND(0.0057)	ND(0.0048) [ND(0.0050)]
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
1,2,4-Trichlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
1,2-Dichlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
1,2-Diphenylhydrazine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
1,3,5-Trinitrobenzene	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
1,3-Dichlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G6	RAA15-G6	RAA15-J4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	10-15	12-14	0-1	3-6	4-6	6-8
Parameter Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
1,4-Dichlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
1,4-Naphthoquinone	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
1-Naphthylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,4,5-Trichlorophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,4,6-Trichlorophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,4-Dichlorophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,4-Dimethylphenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,4-Dinitrophenol	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
2,4-Dinitrotoluene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,6-Dichlorophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2,6-Dinitrotoluene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Acetylaminofluorene	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
2-Chloronaphthalene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Chlorophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Methylnaphthalene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Methylphenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Naphthylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Nitroaniline	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
2-Nitrophenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
2-Picoline	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
3&4-Methylphenol	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
3,3'-Dichlorobenzidine	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
3,3'-Dimethylbenzidine	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
3-Methylcholanthrene	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
3-Nitroaniline	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
4,6-Dinitro-2-methylphenol	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
4-Aminobiphenyl	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
4-Bromophenyl-phenylether	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
4-Chloro-3-Methylphenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
4-Chloroaniline	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
4-Chlorobenzilate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
4-Chlorophenyl-phenylether	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
4-Nitroaniline	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
4-Nitrophenol	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
4-Nitroquinoline-1-oxide	ND(4.4)	NA	ND(5.3)	ND(4.0)	NA	NA
4-Phenylenediamine	ND(8.8)	NA	ND(11)	ND(7.9)	NA	NA
5-Nitro-o-toluidine	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
a,a'-Dimethylphenethylamine	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Acenaphthene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Acenaphthylene	ND(0.44)	NA	0.13 J	ND(0.40)	NA	NA
Acetophenone	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Aniline	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Anthracene	ND(0.44)	NA	0.11 J	ND(0.40)	NA	NA
Aramite	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Benzidine	ND(4.4)	NA	ND(5.3)	ND(4.0)	NA	NA
Benzo(a)anthracene	ND(0.44)	NA	0.42 J	ND(0.40)	NA	NA
Benzo(a)pyrene	ND(0.44)	NA	0.47 J	ND(0.40)	NA	NA
Benzo(b)fluoranthene	ND(0.44)	NA	0.50 J	ND(0.40)	NA	NA
Benzo(g,h,i)perylene	ND(0.44)	NA	0.13 J	ND(0.40)	NA	NA
Benzo(k)fluoranthene	ND(0.44)	NA	0.49 J	ND(0.40)	NA	NA
Benzyl Alcohol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
bis(2-Chloroethyl)ether	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Butylbenzylphthalate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Chrysene	ND(0.44)	NA	0.52 J	ND(0.40)	NA	NA
Diallate	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Dibenzo(a,h)anthracene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G6	RAA15-G6	RAA15-J4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	10-15	12-14	0-1	3-6	4-6	6-8
Parameter Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Diethylphthalate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Dimethylphthalate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Di-n-Butylphthalate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Di-n-Octylphthalate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Diphenylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Ethyl Methanesulfonate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Fluoranthene	ND(0.44)	NA	1.0	ND(0.40)	NA	NA
Fluorene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Hexachlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Hexachlorobutadiene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Hexachlorocyclopentadiene	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Hexachloroethane	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Hexachlorophene	ND(8.9)	NA	ND(11)	ND(8.1)	NA	NA
Hexachloropropene	ND(4.4)	NA	ND(5.3)	ND(4.0)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.44)	NA	0.17 J	ND(0.40)	NA	NA
Isodrin	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Isophorone	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Isosafrole	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Methapyrilene	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Methyl Methanesulfonate	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Naphthalene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Nitrobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosodiethylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosodimethylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosodiphenylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosomethylethylamine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosomorpholine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosopiperidine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
N-Nitrosopyrrolidine	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
o,o,o-Triethylphosphorothioate	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
o-Toluidine	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
p-Dimethylaminoazobenzene	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Pentachlorobenzene	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Pentachloroethane	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Pentachloronitrobenzene	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Pentachlorophenol	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Phenacetin	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Phenanthrene	ND(0.44)	NA	0.52 J	ND(0.40)	NA	NA
Phenol	ND(0.44)	NA	ND(0.53)	ND(0.40)	NA	NA
Pronamide	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Pyrene	ND(0.44)	NA	0.73	ND(0.40)	NA	NA
Pyridine	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Safrole	ND(0.88)	NA	ND(1.1)	ND(0.79)	NA	NA
Thionazin	ND(2.1)	NA	ND(2.6)	ND(1.9)	NA	NA
Furans						
2,3,7,8-TCDF	ND(0.00000018)	NA	ND(0.000034) XJ	ND(0.00000019)	NA	NA
TCDFs (total)	ND(0.00000012) X	NA	ND(0.00026) X	ND(0.00000019)	NA	NA
1,2,3,7,8-PeCDF	ND(0.000000094)	NA	0.0000074 J	ND(0.00000011)	NA	NA
2,3,4,7,8-PeCDF	ND(0.000000090)	NA	0.0000085	ND(0.00000010)	NA	NA
PeCDFs (total)	ND(0.000000092)	NA	ND(0.00028) X	ND(0.00000093) X	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000000056)	NA	0.000012	ND(0.000000077)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000000052)	NA	ND(0.000031) X	ND(0.00000019) X	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000000066)	NA	ND(0.00000040) X	ND(0.000000091)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000000060)	NA	0.0000050 J	ND(0.000000082)	NA	NA
HxCDFs (total)	ND(0.000000058)	NA	ND(0.00036) X	ND(0.0000018) X	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.000000097)	NA	0.00042	0.0000030 J	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000012)	NA	0.0000063 J	ND(0.00000013)	NA	NA
HpCDFs (total)	ND(0.00000011)	NA	ND(0.00080) X	0.0000058 J	NA	NA
OCDF	0.00000039 J	NA	0.00026	0.0000028 J	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1					
Sample ID:	RAA15-G6	RAA15-G6	RAA15-J4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	10-15	12-14	0-1	3-6	4-6	6-8
Parameter Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03	03/05/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000023)	NA	ND(0.00000061) X	ND(0.00000025)	NA	NA
TCDDs (total)	ND(0.00000023)	NA	ND(0.0000060) X	ND(0.00000025)	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000011)	NA	ND(0.0000013) X	ND(0.00000012)	NA	NA
PeCDDs (total)	ND(0.00000011)	NA	ND(0.000013) X	ND(0.00000012)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000011)	NA	ND(0.0000017) X	ND(0.00000014)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.000000099)	NA	0.000010	ND(0.00000013)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000010)	NA	0.0000057 J	ND(0.00000013)	NA	NA
HxCDDs (total)	ND(0.00000030) X	NA	0.000075 J	ND(0.00000013)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000027) X	NA	0.00026	0.0000021 J	NA	NA
HpCDDs (total)	ND(0.00000045) X	NA	0.00046	0.0000035 J	NA	NA
OCDD	0.0000021 QJ	NA	0.0025	0.000026	NA	NA
Total TEQs (WHO TEFs)	0.00000023	NA	0.000019	0.00000032	NA	NA
Inorganics						
Antimony	ND(8.00) J	NA	ND(9.60) J	ND(7.20) J	NA	NA
Arsenic	2.00	NA	4.30	0.710 B	NA	NA
Barium	19.3 B	NA	50.9	14.9 B	NA	NA
Beryllium	0.320 B	NA	0.550 B	0.210 B	NA	NA
Cadmium	ND(0.660)	NA	ND(0.800)	ND(0.600)	NA	NA
Chromium	6.90	NA	21.3	4.60	NA	NA
Cobalt	5.80 B	NA	8.50	3.50 B	NA	NA
Copper	6.1	NA	24.9	3.1	NA	NA
Cyanide	ND(0.660)	NA	ND(0.350)	ND(0.600)	NA	NA
Lead	3.60	NA	46.2	2.10	NA	NA
Mercury	ND(0.0440) J	NA	0.190 J	ND(0.0400) J	NA	NA
Nickel	10.3	NA	17.1	7.00	NA	NA
Selenium	ND(0.660)	NA	ND(0.800)	ND(0.600)	NA	NA
Silver	ND(1.30)	NA	ND(1.60)	ND(1.20)	NA	NA
Sulfide	ND(13.3)	NA	ND(16.0)	ND(12.0)	NA	NA
Thallium	ND(1.30) J	NA	1.20 J	ND(1.20) J	NA	NA
Tin	ND(4.30)	NA	ND(6.90)	ND(3.30)	NA	NA
Vanadium	8.30	NA	17.6	5.10 B	NA	NA
Zinc	41.7	NA	90.3	27.2	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1		K10-11-1	
Sample ID:	RAA15-J4	RAA15-J4S	RAA15-C4	RAA15-C4
Sample Depth(Feet):	6-10	0-1	0-1	3-6
Parameter Date Collected:	03/05/03	03/05/03	03/07/03	03/07/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0050)	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0050)	NA
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0050)	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0050)	NA
1,1-Dichloroethane	NA	NA	ND(0.0050)	NA
1,1-Dichloroethene	NA	NA	ND(0.0050)	NA
1,2,3-Trichloropropane	NA	NA	ND(0.0050)	NA
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0050)	NA
1,2-Dibromoethane	NA	NA	ND(0.0050)	NA
1,2-Dichloroethane	NA	NA	ND(0.0050)	NA
1,2-Dichloropropane	NA	NA	ND(0.0050)	NA
1,4-Dioxane	NA	NA	ND(1.0) J	NA
2-Butanone	NA	NA	ND(0.0050) J	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0050) J	NA
2-Chloroethylvinylether	NA	NA	ND(0.010) J	NA
2-Hexanone	NA	NA	ND(0.020)	NA
3-Chloropropene	NA	NA	ND(0.0050)	NA
4-Methyl-2-pentanone	NA	NA	ND(0.020)	NA
Acetone	NA	NA	ND(0.020) J	NA
Acetonitrile	NA	NA	ND(0.10)	NA
Acrolein	NA	NA	ND(0.10) J	NA
Acrylonitrile	NA	NA	ND(0.10) J	NA
Benzene	NA	NA	ND(0.0050)	NA
Bromodichloromethane	NA	NA	ND(0.0050)	NA
Bromoform	NA	NA	ND(0.0050)	NA
Bromomethane	NA	NA	ND(0.0050)	NA
Carbon Disulfide	NA	NA	ND(0.0050)	NA
Carbon Tetrachloride	NA	NA	ND(0.0050)	NA
Chlorobenzene	NA	NA	ND(0.0050)	NA
Chloroethane	NA	NA	ND(0.010)	NA
Chloroform	NA	NA	ND(0.0050)	NA
Chloromethane	NA	NA	ND(0.0050)	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0050)	NA
Dibromochloromethane	NA	NA	ND(0.0050)	NA
Dibromomethane	NA	NA	ND(0.0050)	NA
Dichlorodifluoromethane	NA	NA	ND(0.0050)	NA
Ethyl Methacrylate	NA	NA	ND(0.0050) J	NA
Ethylbenzene	NA	NA	ND(0.0050)	NA
Iodomethane	NA	NA	ND(0.0050)	NA
Isobutanol	NA	NA	ND(0.20) J	NA
Methacrylonitrile	NA	NA	ND(0.0050)	NA
Methyl Methacrylate	NA	NA	ND(0.0050)	NA
Methylene Chloride	NA	NA	ND(0.0050)	NA
Propionitrile	NA	NA	ND(0.010)	NA
Styrene	NA	NA	ND(0.0050)	NA
Tetrachloroethene	NA	NA	ND(0.0050)	NA
Toluene	NA	NA	ND(0.0050)	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0050)	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0050)	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0050)	NA
Trichloroethene	NA	NA	ND(0.0050)	NA
Trichlorofluoromethane	NA	NA	ND(0.0050)	NA
Vinyl Acetate	NA	NA	ND(0.0050)	NA
Vinyl Chloride	NA	NA	ND(0.010)	NA
Xylenes (total)	NA	NA	ND(0.0050)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
1,2,4-Trichlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
1,2-Dichlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
1,2-Diphenylhydrazine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
1,3,5-Trinitrobenzene	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
1,3-Dichlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1		K10-11-1	
Sample ID:	RAA15-J4	RAA15-J4S	RAA15-C4	RAA15-C4
Sample Depth(Feet):	6-10	0-1	0-1	3-6
Parameter / Date Collected:	03/05/03	03/05/03	03/07/03	03/07/03
Semivolatile Organics (continued)				
1,3-Dinitrobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
1,4-Dichlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
1,4-Naphthoquinone	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
1-Naphthylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,3,4,6-Tetrachlorophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,4,5-Trichlorophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,4,6-Trichlorophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,4-Dichlorophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,4-Dimethylphenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,4-Dinitrophenol	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
2,4-Dinitrotoluene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,6-Dichlorophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2,6-Dinitrotoluene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2-Acetylaminofluorene	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
2-Chloronaphthalene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2-Chlorophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2-Methylnaphthalene	ND(0.38) [ND(0.38)]	NA	0.046 J	0.031 J [0.024 J]
2-Methylphenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2-Naphthylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2-Nitroaniline	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
2-Nitrophenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
2-Picoline	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
3&4-Methylphenol	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
3,3'-Dichlorobenzidine	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
3,3'-Dimethylbenzidine	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
3-Methylcholanthrene	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
3-Nitroaniline	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
4,6-Dinitro-2-methylphenol	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
4-Aminobiphenyl	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
4-Bromophenyl-phenylether	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
4-Chloro-3-Methylphenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
4-Chloroaniline	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
4-Chlorobenzilate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
4-Chlorophenyl-phenylether	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
4-Nitroaniline	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
4-Nitrophenol	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
4-Nitroquinoline-1-oxide	ND(3.8) [ND(3.8)]	NA	ND(3.9)	ND(3.8) [ND(3.7)]
4-Phenylenediamine	ND(7.7) [ND(7.6)]	NA	ND(7.7)	ND(7.6) [ND(7.5)]
5-Nitro-o-toluidine	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
7,12-Dimethylbenz(a)anthracene	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
a,a'-Dimethylphenethylamine	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Acenaphthene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [0.048 J]
Acenaphthylene	ND(0.38) [ND(0.38)]	NA	0.31 J	0.11 J [0.075 J]
Acetophenone	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Aniline	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Anthracene	ND(0.38) [ND(0.38)]	NA	0.19 J	0.082 J [0.14 J]
Aramite	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Benzidine	ND(3.8) [ND(3.8)]	NA	ND(3.9)	ND(3.8) [ND(3.7)]
Benzo(a)anthracene	ND(0.38) [ND(0.38)]	NA	1.2	0.44 [0.41]
Benzo(a)pyrene	ND(0.38) [ND(0.38)]	NA	1.3	0.50 [0.41]
Benzo(b)fluoranthene	ND(0.38) [ND(0.38)]	NA	1.2	0.36 J [0.31 J]
Benzo(g,h,i)perylene	ND(0.38) [ND(0.38)]	NA	0.94	0.33 J [0.24 J]
Benzo(k)fluoranthene	ND(0.38) [ND(0.38)]	NA	1.0	0.43 [0.35 J]
Benzyl Alcohol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
bis(2-Chloroethoxy)methane	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
bis(2-Chloroethyl)ether	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
bis(2-Chloroisopropyl)ether	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
bis(2-Ethylhexyl)phthalate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Butylbenzylphthalate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Chrysene	ND(0.38) [ND(0.38)]	NA	1.4	0.51 [0.46]
Diallate	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Dibenzo(a,h)anthracene	ND(0.38) [ND(0.38)]	NA	0.33 J	0.11 J [0.069 J]

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1		K10-11-1	
Sample ID:	RAA15-J4	RAA15-J4S	RAA15-C4	RAA15-C4
Sample Depth(Feet):	6-10	0-1	0-1	3-6
Parameter Date Collected:	03/05/03	03/05/03	03/07/03	03/07/03
Semivolatile Organics (continued)				
Dibenzofuran	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Diethylphthalate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Dimethylphthalate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Di-n-Butylphthalate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Di-n-Octylphthalate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Diphenylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Ethyl Methanesulfonate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Fluoranthene	ND(0.38) [ND(0.38)]	NA	1.7	0.71 [0.75]
Fluorene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [0.044 J]
Hexachlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Hexachlorobutadiene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Hexachlorocyclopentadiene	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Hexachloroethane	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Hexachlorophene	ND(7.8) [ND(7.7)]	NA	ND(7.8) J	ND(7.7) J [ND(7.6) J]
Hexachloropropene	ND(3.8) [ND(3.8)]	NA	ND(3.9)	ND(3.8) [ND(3.7)]
Indeno(1,2,3-cd)pyrene	ND(0.38) [ND(0.38)]	NA	1.0	0.35 J [0.26 J]
Isodrin	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Isophorone	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Isosafrole	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Methapyrilene	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Methyl Methanesulfonate	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Naphthalene	ND(0.38) [ND(0.38)]	NA	0.062 J	0.050 J [0.032 J]
Nitrobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosodiethylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosodimethylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitroso-di-n-butylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitroso-di-n-propylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosodiphenylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosomethylethylamine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosomorpholine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosopiperidine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
N-Nitrosopyrrolidine	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
o,o,o-Triethylphosphorothioate	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
o-Toluidine	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
p-Dimethylaminoazobenzene	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Pentachlorobenzene	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Pentachloroethane	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Pentachloronitrobenzene	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Pentachlorophenol	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Phenacetin	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Phenanthrene	ND(0.38) [ND(0.38)]	NA	0.95	0.34 J [0.51]
Phenol	ND(0.38) [ND(0.38)]	NA	ND(0.39)	ND(0.38) [ND(0.37)]
Pronamide	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Pyrene	ND(0.38) [ND(0.38)]	NA	1.8	0.82 [0.71]
Pyridine	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Safrole	ND(0.77) [ND(0.76)]	NA	ND(0.77)	ND(0.76) [ND(0.75)]
Thionazin	ND(1.9) [ND(1.8)]	NA	ND(1.9)	ND(1.8) [ND(1.8)]
Furans				
2,3,7,8-TCDF	ND(0.00000015) [ND(0.00000018)]	ND(0.000021)X	ND(0.0000022) X	ND(0.0000074) X [ND(0.0000079) X]
TCDFs (total)	ND(0.00000015) [ND(0.0000012) X]	ND(0.0023) X	ND(0.000041) X	ND(0.000087) X [ND(0.000098) X]
1,2,3,7,8-PeCDF	ND(0.000000083) [ND(0.00000010)]	0.0000067	0.0000013 J	0.0000022 J [ND(0.0000028) X]
2,3,4,7,8-PeCDF	ND(0.000000080) [ND(0.000000096)]	0.000018	0.0000015 J	0.0000026 J [ND(0.0000026) X]
PeCDFs (total)	ND(0.000000081) [ND(0.0000036) X]	ND(0.0029) X	ND(0.00010) X	ND(0.000097) XQJ [ND(0.00014) X]
1,2,3,4,7,8-HxCDF	ND(0.000000054) [ND(0.00000014) X]	0.000016	0.0000027 J	0.0000041 J [0.0000032 J]
1,2,3,6,7,8-HxCDF	0.000000070 J [ND(0.00000015) X]	ND(0.00016) X	ND(0.000015) X	ND(0.000011) X [0.0000019 J]
1,2,3,7,8,9-HxCDF	ND(0.000000063) [ND(0.000000070)]	ND(0.00000081) X	ND(0.00000015)	0.00000014 J [0.00000018 J]
2,3,4,6,7,8-HxCDF	ND(0.000000057) [ND(0.000000063)]	0.000015	0.0000010 J	ND(0.0000014) X [ND(0.0000020) X]
HxCDFs (total)	ND(0.00000047) X [ND(0.0000035) X]	ND(0.0010) X	ND(0.000069) XQJ	ND(0.000059) XQJ [ND(0.000079) XQJ]
1,2,3,4,6,7,8-HpCDF	ND(0.00000026) X [0.00000060 J]	0.000029	0.0000037 J	0.0000054 J [0.0000079]
1,2,3,4,7,8,9-HpCDF	ND(0.000000098) [ND(0.00000010)]	0.0000042 J	ND(0.00000088) X	0.0000011 J [0.0000013 J]
HpCDFs (total)	ND(0.00000054) X [0.0000013 J]	0.000069	ND(0.0000097) X	ND(0.000011) X [ND(0.000018) X]
OCDF	0.00000046 J [0.00000040 J]	0.000015	ND(0.0000031)	ND(0.0000040) [0.0000043 J]

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-12-1		K10-11-1	
Sample ID:	RAA15-J4	RAA15-J4S	RAA15-C4	RAA15-C4
Sample Depth(Feet):	6-10	0-1	0-1	3-6
Parameter Date Collected:	03/05/03	03/05/03	03/07/03	03/07/03
Dioxins				
2,3,7,8-TCDD	ND(0.00000019) [ND(0.00000023)]	ND(0.00000026)	ND(0.00000034)	0.00000085 J [ND(0.00000027)]
TCDDs (total)	ND(0.00000019) [ND(0.00000023)]	ND(0.0000044) X	ND(0.00000074) X	ND(0.000067) X [ND(0.000016) X]
1,2,3,7,8-PeCDD	ND(0.000000089) [ND(0.000000093)]	0.0000022 J	ND(0.00000023)	0.0000025 J [0.00000069 J]
PeCDDs (total)	ND(0.000000089) [ND(0.000000093)]	ND(0.000032) X	ND(0.0000014) X	ND(0.000039) XQJ [ND(0.000013) X]
1,2,3,4,7,8-HxCDD	ND(0.000000092) [ND(0.00000011)]	0.0000026 J	ND(0.00000025)	0.0000016 J [ND(0.00000038) X]
1,2,3,6,7,8-HxCDD	ND(0.000000087) [ND(0.000000099)]	0.000011	ND(0.00000024)	0.0000012 J [0.00000066 J]
1,2,3,7,8,9-HxCDD	ND(0.000000090) [ND(0.00000010)]	0.0000070	ND(0.00000025)	ND(0.0000012) XQJ [ND(0.00000059) XQJ]
HxCDDs (total)	ND(0.000000089) [ND(0.00000010)]	ND(0.00012) X	ND(0.0000025) X	ND(0.000020) XQJ [ND(0.000011) XQJ]
1,2,3,4,6,7,8-HpCDD	ND(0.00000035) X [ND(0.00000012) X]	0.000041	0.0000010 JQ	0.0000038 J [0.0000027 JQ]
HpCDDs (total)	ND(0.00000035) X [ND(0.00000030) X]	0.00014	0.0000023 JQ	0.0000092 J [0.0000075 JQ]
OCDD	ND(0.0000026) X [0.0000017 J]	0.00012	0.0000071 J	0.000010 QJ [0.000012 QJ]
Total TEQs (WHO TEFs)	0.00000020 [0.00000024]	0.000027	0.0000024	0.0000066 [0.0000028]
Inorganics				
Antimony	ND(7.00) J [ND(6.90) J]	NA	ND(7.00)	0.520 B [ND(6.80)]
Arsenic	1.20 B [1.20]	NA	5.60	12.4 [8.50]
Barium	8.10 B [8.60 B]	NA	29.5	65.6 [71.0]
Beryllium	0.160 B [0.170 B]	NA	ND(0.550)	0.670 [0.590]
Cadmium	ND(0.580) [ND(0.580)]	NA	ND(0.590)	ND(0.580) [ND(0.0520)]
Chromium	4.70 [4.00]	NA	8.20	9.20 [7.00]
Cobalt	4.00 B [4.20 B]	NA	8.80	9.20 [6.00]
Copper	6.3 [6.8]	NA	37.1 J	53.6 J [35.5 J]
Cyanide	ND(0.580) [ND(0.580)]	NA	0.220 B	ND(0.580) [ND(0.570)]
Lead	2.80 [2.80]	NA	64.9 J	28.6 J [75.0 J]
Mercury	ND(0.0390) J [0.0190 J]	NA	0.540	1.30 [1.40]
Nickel	7.50 [7.60]	NA	15.0 J	17.3 J [12.4 J]
Selenium	ND(0.580) [ND(0.580)]	NA	ND(0.590)	ND(0.580) [ND(0.570)]
Silver	ND(1.20) [ND(1.20)]	NA	ND(1.20)	ND(1.20) [ND(1.10)]
Sulfide	ND(11.6) [ND(11.6)]	NA	28.1	13.8 [ND(11.3)]
Thallium	ND(1.20) J [ND(1.20) J]	NA	ND(1.20)	0.700 B [ND(1.10)]
Tin	ND(3.40) [ND(3.50)]	NA	20.6	ND(8.00) [ND(6.80)]
Vanadium	5.00 B [5.00 B]	NA	10.4	14.7 [10.6]
Zinc	22.9 [23.5]	NA	61.8	74.2 [107]

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C4	RAA15-C5	RAA15-C5	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	4-6	10-15	13-15	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	01/31/05	01/31/05	03/06/03	05/05/04	03/06/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,1,1-Trichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,1,2,2-Tetrachloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,1,2-Trichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,1-Dichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,1-Dichloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,2,3-Trichloropropane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,2-Dibromo-3-chloropropane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,2-Dibromoethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,2-Dichloroethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,2-Dichloropropane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
1,4-Dioxane	ND(1.2) J [ND(1.1) J]	NA	ND(0.16) J	ND(1.5) J	NA	ND(1.2) J
2-Butanone	ND(0.0058) J [ND(0.0057) J]	NA	0.0085 J	ND(0.0076)	NA	ND(0.0059)
2-Chloro-1,3-butadiene	ND(0.0058) J [ND(0.0057) J]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
2-Chloroethylvinylether	ND(0.012) J [ND(0.011) J]	NA	ND(0.0081) J	ND(0.015) J	NA	ND(0.012) J
2-Hexanone	ND(0.023) [ND(0.023)]	NA	ND(0.016) J	ND(0.031)	NA	ND(0.023)
3-Chloropropene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
4-Methyl-2-pentanone	ND(0.023) [ND(0.023)]	NA	ND(0.016) J	ND(0.031)	NA	ND(0.023)
Acetone	ND(0.023) J [ND(0.023) J]	NA	0.12 J	ND(0.031) J	NA	ND(0.023) J
Acetonitrile	ND(0.12) [ND(0.11)]	NA	ND(0.16) J	ND(0.15)	NA	ND(0.12)
Acrolein	ND(0.12) J [ND(0.11) J]	NA	ND(0.16) J	ND(0.15) J	NA	ND(0.12) J
Acrylonitrile	ND(0.12) J [ND(0.11) J]	NA	ND(0.0081) J	ND(0.15)	NA	ND(0.12)
Benzene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Bromodichloromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Bromoform	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Bromomethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Carbon Disulfide	ND(0.0058) [ND(0.0057)]	NA	0.0013 J	ND(0.0076)	NA	ND(0.0059)
Carbon Tetrachloride	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Chlorobenzene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Chloroethane	ND(0.012) [ND(0.011)]	NA	ND(0.0081) J	ND(0.015)	NA	ND(0.012)
Chloroform	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Chloromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
cis-1,3-Dichloropropene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Dibromochloromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Dibromomethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Dichlorodifluoromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076) J	NA	ND(0.0059) J
Ethyl Methacrylate	ND(0.0058) J [ND(0.0057) J]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Ethylbenzene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Iodomethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Isobutanol	ND(0.23) J [ND(0.23) J]	NA	ND(0.16) J	ND(0.31) J	NA	ND(0.23) J
Methacrylonitrile	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Methyl Methacrylate	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Methylene Chloride	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Propionitrile	ND(0.012) [ND(0.011)]	NA	ND(0.016) J	ND(0.015)	NA	ND(0.012)
Styrene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Tetrachloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Toluene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
trans-1,2-Dichloroethene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
trans-1,3-Dichloropropene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
trans-1,4-Dichloro-2-butene	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Trichloroethene	0.0015 J [0.0046 J]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Trichlorofluoromethane	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Vinyl Acetate	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Vinyl Chloride	ND(0.012) [ND(0.011)]	NA	ND(0.0081) J	ND(0.015)	NA	ND(0.012)
Xylenes (total)	ND(0.0058) [ND(0.0057)]	NA	ND(0.0081) J	ND(0.0076)	NA	ND(0.0059)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.69
1,2,4-Trichlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.040 J
1,2-Dichlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
1,2-Diphenylhydrazine	NA	ND(0.48)	NA	ND(27)	ND(0.42) J	ND(0.40)
1,3,5-Trinitrobenzene	NA	ND(0.48) J	NA	ND(130)	ND(0.42) J	ND(2.0)
1,3-Dichlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C4	RAA15-C5	RAA15-C5	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	4-6	10-15	13-15	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	01/31/05	01/31/05	03/06/03	05/05/04	03/06/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	NA	ND(0.96)	NA	ND(27)	ND(0.84) J	ND(0.40)
1,4-Dichlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
1,4-Naphthoquinone	NA	ND(0.96)	NA	ND(130)	ND(0.84)	ND(2.0)
1-Naphthylamine	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
2,3,4,6-Tetrachlorophenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2,4,5-Trichlorophenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2,4,6-Trichlorophenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2,4-Dichlorophenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2,4-Dimethylphenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2,4-Dinitrophenol	NA	ND(2.4)	NA	ND(130)	ND(2.1)	ND(2.0)
2,4-Dinitrotoluene	NA	ND(0.48)	NA	ND(27)	0.86	ND(0.40)
2,6-Dichlorophenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2,6-Dinitrotoluene	NA	ND(0.48)	NA	ND(27)	ND(0.42) J	ND(0.40)
2-Acetylaminofluorene	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
2-Chloronaphthalene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2-Chlorophenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2-Methylnaphthalene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.055 J
2-Methylphenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
2-Naphthylamine	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
2-Nitroaniline	NA	ND(2.4)	NA	ND(130)	ND(2.1) J	ND(2.0)
2-Nitrophenol	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
2-Picoline	NA	ND(0.48)	NA	ND(53)	ND(0.42)	ND(0.81)
3&4-Methylphenol	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
3,3'-Dichlorobenzidine	NA	ND(0.96)	NA	ND(130)	ND(0.84)	ND(2.0)
3,3'-Dimethylbenzidine	NA	ND(0.48)	NA	ND(130)	ND(0.42)	ND(2.0)
3-Methylcholanthrene	NA	ND(0.96)	NA	ND(130)	ND(0.84)	ND(2.0)
3-Nitroaniline	NA	ND(2.4)	NA	ND(130)	ND(2.1) J	ND(2.0)
4,6-Dinitro-2-methylphenol	NA	ND(0.48)	NA	ND(130)	ND(0.42)	ND(2.0)
4-Aminobiphenyl	NA	ND(0.96) J	NA	ND(130)	ND(0.84)	ND(2.0)
4-Bromophenyl-phenylether	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
4-Chloro-3-Methylphenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
4-Chloroaniline	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
4-Chlorobenzilate	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
4-Chlorophenyl-phenylether	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
4-Nitroaniline	NA	ND(2.4)	NA	ND(130)	ND(2.1) J	ND(2.0)
4-Nitrophenol	NA	ND(2.4)	NA	ND(130)	ND(2.1) J	ND(2.0)
4-Nitroquinoline-1-oxide	NA	ND(0.96) J	NA	ND(270)	ND(0.84) J	ND(4.0)
4-Phenylenediamine	NA	ND(0.96)	NA	ND(530)	ND(0.84)	ND(8.1)
5-Nitro-o-toluidine	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
a,a'-Dimethylphenethylamine	NA	ND(0.96) J	NA	ND(130)	ND(0.84)	ND(2.0)
Acenaphthene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.055 J
Acenaphthylene	NA	ND(0.48)	NA	ND(27)	0.14 J	0.13 J
Acetophenone	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Aniline	NA	ND(0.48) J	NA	ND(27)	0.31 J	ND(0.40)
Anthracene	NA	ND(0.48)	NA	ND(27)	0.42	0.21 J
Aramite	NA	ND(0.96)	NA	ND(130)	ND(0.84)	ND(2.0)
Benzidine	NA	ND(0.96) J	NA	ND(270)	ND(0.84) J	ND(4.0)
Benzo(a)anthracene	NA	ND(0.48)	NA	ND(27)	0.96	0.64
Benzo(a)pyrene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.65
Benzo(b)fluoranthene	NA	ND(0.48)	NA	ND(27)	0.55	0.60
Benzo(g,h,i)perylene	NA	ND(0.48)	NA	ND(27)	0.38 J	0.25 J
Benzo(k)fluoranthene	NA	ND(0.48)	NA	ND(27)	0.68	0.63
Benzyl Alcohol	NA	ND(0.96)	NA	ND(27)	ND(0.84) J	ND(0.40)
bis(2-Chloroethoxy)methane	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
bis(2-Chloroethyl)ether	NA	ND(0.48)	NA	ND(27)	ND(0.42) J	ND(0.40)
bis(2-Chloroisopropyl)ether	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
bis(2-Ethylhexyl)phthalate	NA	ND(0.47)	NA	ND(27)	0.27 J	0.11 J
Butylbenzylphthalate	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Chrysene	NA	ND(0.48)	NA	ND(27)	1.1	0.73
Diallate	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
Dibenzo(a,h)anthracene	NA	ND(0.48)	NA	ND(27)	0.11 J	0.10 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C4	RAA15-C5	RAA15-C5	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	4-6	10-15	13-15	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	01/31/05	01/31/05	03/06/03	05/05/04	03/06/03
Semivolatile Organics (continued)						
Dibenzofuran	NA	ND(0.48)	NA	ND(27)	0.10 J	0.053 J
Diethylphthalate	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Dimethylphthalate	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Di-n-Butylphthalate	NA	ND(0.48)	NA	ND(27)	0.092 J	ND(0.40)
Di-n-Octylphthalate	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Diphenylamine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Ethyl Methanesulfonate	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Fluoranthene	NA	ND(0.48)	NA	ND(27)	2.7	1.3
Fluorene	NA	ND(0.48)	NA	ND(27)	0.20 J	0.072 J
Hexachlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Hexachlorobutadiene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Hexachlorocyclopentadiene	NA	ND(0.48)	NA	ND(130)	ND(0.42)	ND(2.0)
Hexachloroethane	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Hexachlorophene	NA	ND(0.96) J	NA	ND(540) J	ND(0.84) J	ND(8.2) J
Hexachloropropene	NA	ND(0.48)	NA	ND(270)	ND(0.42)	ND(4.0)
Indeno(1,2,3-cd)pyrene	NA	ND(0.48)	NA	ND(27)	0.34 J	0.31 J
Isodrin	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Isophorone	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.28 J
Isosafrole	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
Methapyrilene	NA	ND(0.96)	NA	ND(130)	ND(0.84)	ND(2.0)
Methyl Methanesulfonate	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Naphthalene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	0.065 J
Nitrobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitrosodiethylamine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitrosodimethylamine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitroso-di-n-butylamine	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
N-Nitroso-di-n-propylamine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitrosodiphenylamine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitrosomethylethylamine	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
N-Nitrosomorpholine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitrosopiperidine	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
N-Nitrosopyrrolidine	NA	ND(0.96)	NA	ND(27)	ND(0.84)	ND(0.40)
o,o,o-Triethylphosphorothioate	NA	ND(0.48)	NA	ND(130)	ND(0.42)	ND(2.0)
o-Toluidine	NA	ND(0.48)	NA	ND(53)	ND(0.42)	ND(0.81)
p-Dimethylaminoazobenzene	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
Pentachlorobenzene	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Pentachloroethane	NA	ND(0.48)	NA	ND(130)	ND(0.42)	ND(2.0)
Pentachloronitrobenzene	NA	ND(0.96)	NA	ND(130)	ND(0.84) J	ND(2.0)
Pentachlorophenol	NA	ND(2.4)	NA	ND(130)	ND(2.1)	ND(2.0)
Phenacetin	NA	ND(0.96)	NA	ND(53)	ND(0.84)	ND(0.81)
Phenanthrene	NA	ND(0.48)	NA	ND(27)	1.9	0.87
Phenol	NA	ND(0.48)	NA	ND(27)	ND(0.42)	ND(0.40)
Pronamide	NA	ND(0.48)	NA	ND(53)	ND(0.42)	ND(0.81)
Pyrene	NA	0.057 J	NA	ND(27)	2.1	1.0
Pyridine	NA	ND(0.48)	NA	ND(53)	ND(0.42)	ND(0.81)
Safrole	NA	ND(0.48) J	NA	ND(53)	ND(0.42)	ND(0.81)
Thionazin	NA	ND(0.48)	NA	ND(130)	ND(0.42)	ND(2.0)
Furans						
2,3,7,8-TCDF	NA	ND(0.00000070)	NA	ND(0.00018) X	NA	ND(0.000086) X
TCDFs (total)	NA	ND(0.00000070)	NA	ND(0.0012) XQJ	NA	ND(0.00062) XQJ
1,2,3,7,8-PeCDF	NA	ND(0.00000047)	NA	0.00018	NA	0.000065
2,3,4,7,8-PeCDF	NA	ND(0.00000046)	NA	0.00015	NA	0.000064
PeCDFs (total)	NA	ND(0.00000047)	NA	ND(0.0017) X	NA	ND(0.00096) X
1,2,3,4,7,8-HxCDF	NA	ND(0.00000043)	NA	0.00039	NA	0.00016
1,2,3,6,7,8-HxCDF	NA	ND(0.00000041)	NA	ND(0.00020) X	NA	0.000064
1,2,3,7,8,9-HxCDF	NA	ND(0.00000051)	NA	0.000021	NA	0.0000044 J
2,3,4,6,7,8-HxCDF	NA	ND(0.00000044)	NA	0.000039	NA	0.000022
HxCDFs (total)	NA	ND(0.00000051)	NA	ND(0.0013) X	NA	ND(0.00072) X
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000031)	NA	0.00027	NA	0.00012
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000029)	NA	0.000092	NA	0.000034
HpCDFs (total)	NA	ND(0.00000031)	NA	ND(0.00048) X	NA	ND(0.00022) X
OCDF	NA	ND(0.00000043)	NA	0.00021	NA	0.000087

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C4	RAA15-C5	RAA15-C5	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	4-6	10-15	13-15	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	01/31/05	01/31/05	03/06/03	05/05/04	03/06/03
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000029)	NA	ND(0.00000079) X	NA	ND(0.00000041) X
TCDDs (total)	NA	ND(0.00000029)	NA	ND(0.000017) X	NA	ND(0.000011) X
1,2,3,7,8-PeCDD	NA	ND(0.00000060)	NA	ND(0.000014) X	NA	ND(0.0000056) X
PeCDDs (total)	NA	ND(0.00000060)	NA	ND(0.000055) X	NA	ND(0.000026) X
1,2,3,4,7,8-HxCDD	NA	ND(0.00000051)	NA	0.0000023 J	NA	ND(0.0000012) X
1,2,3,6,7,8-HxCDD	NA	ND(0.00000046)	NA	0.0000042 J	NA	0.0000028 J
1,2,3,7,8,9-HxCDD	NA	ND(0.00000047)	NA	ND(0.0000026) XQJ	NA	ND(0.0000022) X
HxCDDs (total)	NA	ND(0.00000051)	NA	ND(0.000093) XQJ	NA	ND(0.000047) X
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000059)	NA	0.000031	NA	0.000028
HpCDDs (total)	NA	ND(0.00000059)	NA	0.000065	NA	0.000064
OCDD	NA	ND(0.0000037)	NA	0.00016 QJ	NA	0.00027 QJ
Total TEQs (WHO TEFs)	NA	0.00000077	NA	0.00016	NA	0.000070
Inorganics						
Antimony	NA	ND(6.00)	NA	0.520 B	NA	0.790 B
Arsenic	NA	0.760 B	NA	4.30	NA	7.00
Barium	NA	28.0	NA	79.1	NA	101
Beryllium	NA	0.140 B	NA	0.300 B	NA	0.390 B
Cadmium	NA	0.200 B	NA	0.490 B	NA	0.130 B
Chromium	NA	ND(1.8)	NA	9.70	NA	8.30
Cobalt	NA	5.00	NA	4.90 B	NA	4.40 B
Copper	NA	5.40	NA	33.5	NA	38.5
Cyanide	NA	0.0570 B	NA	0.550 B	NA	0.220 B
Lead	NA	2.00 J	NA	188	NA	98.2
Mercury	NA	0.160	NA	0.700	NA	0.190
Nickel	NA	8.40	NA	10.7	NA	10.3
Selenium	NA	ND(1.10) J	NA	ND(0.670)	NA	ND(0.610)
Silver	NA	ND(1.10)	NA	ND(1.30)	NA	ND(1.20)
Sulfide	NA	130	NA	ND(13.4)	NA	19.6
Thallium	NA	ND(1.40) J	NA	ND(1.30)	NA	ND(1.20)
Tin	NA	ND(10.0)	NA	ND(7.40)	NA	ND(9.20)
Vanadium	NA	1.30 B	NA	14.9	NA	15.6
Zinc	NA	41.0	NA	688	NA	68.7

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-D3	RAA15-E4
Sample Depth(Feet):	3-6	4-6	6-8	6-10	0-1	1-3
Parameter Date Collected:	03/06/03	03/06/03	05/05/04	05/05/04	03/10/03	03/07/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,1,1-Trichloroethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,1,2,2-Tetrachloroethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,1,2-Trichloroethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,1-Dichloroethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,1-Dichloroethene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,2,3-Trichloropropane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,2-Dibromo-3-chloropropane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,2-Dibromoethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,2-Dichloroethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,2-Dichloropropane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
1,4-Dioxane	NA	ND(1.1) J	ND(0.12) J	NA	ND(0.92) J	ND(0.89) J
2-Butanone	NA	ND(0.0053)	ND(0.012)	NA	ND(0.0046) J	ND(0.0044) J
2-Chloro-1,3-butadiene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044) J
2-Chloroethylvinylether	NA	ND(0.011) J	ND(0.0060)	NA	ND(0.0092) J	ND(0.0089) J
2-Hexanone	NA	ND(0.021)	ND(0.012)	NA	ND(0.018) J	ND(0.018)
3-Chloropropene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046) J	ND(0.0044)
4-Methyl-2-pentanone	NA	ND(0.021)	ND(0.012)	NA	ND(0.018)	ND(0.018)
Acetone	NA	ND(0.021) J	ND(0.024)	NA	ND(0.018) J	ND(0.018) J
Acetonitrile	NA	ND(0.11)	ND(0.12) J	NA	ND(0.092)	ND(0.089)
Acrolein	NA	ND(0.11) J	ND(0.12) J	NA	ND(0.092)	ND(0.089) J
Acrylonitrile	NA	ND(0.11)	ND(0.0060)	NA	ND(0.092)	ND(0.089) J
Benzene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Bromodichloromethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Bromoform	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Bromomethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Carbon Disulfide	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Carbon Tetrachloride	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Chlorobenzene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Chloroethane	NA	ND(0.011)	ND(0.0060)	NA	ND(0.0092)	ND(0.0089)
Chloroform	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Chloromethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
cis-1,3-Dichloropropene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Dibromochloromethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Dibromomethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Dichlorodifluoromethane	NA	ND(0.0053) J	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Ethyl Methacrylate	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046) J	ND(0.0044) J
Ethylbenzene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Iodomethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Isobutanol	NA	ND(0.21) J	ND(0.12) J	NA	ND(0.18) J	ND(0.18) J
Methacrylonitrile	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046) J	ND(0.0044)
Methyl Methacrylate	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046) J	ND(0.0044)
Methylene Chloride	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Propionitrile	NA	ND(0.011)	ND(0.012) J	NA	ND(0.0092)	ND(0.0089)
Styrene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Tetrachloroethene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Toluene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
trans-1,2-Dichloroethene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
trans-1,3-Dichloropropene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
trans-1,4-Dichloro-2-butene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046) J	ND(0.0044)
Trichloroethene	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Trichlorofluoromethane	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Vinyl Acetate	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046) J	ND(0.0044)
Vinyl Chloride	NA	ND(0.011)	ND(0.0060)	NA	ND(0.0092)	ND(0.0089)
Xylenes (total)	NA	ND(0.0053)	ND(0.0060)	NA	ND(0.0046)	ND(0.0044)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	2.0
1,2,4-Trichlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	0.11 J
1,2-Dichlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
1,2-Diphenylhydrazine	ND(1.6)	NA	NA	ND(0.40) J	ND(0.71)	ND(0.37)
1,3,5-Trinitrobenzene	ND(7.7)	NA	NA	ND(0.40) J	ND(3.5)	ND(1.8)
1,3-Dichlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-D3	RAA15-E4
Sample Depth(Feet):	3-6	4-6	6-8	6-10	0-1	1-3
Parameter Date Collected:	03/06/03	03/06/03	05/05/04	05/05/04	03/10/03	03/07/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(1.6)	NA	NA	ND(0.79) J	ND(0.71)	ND(0.37)
1,4-Dichlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
1,4-Naphthoquinone	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
1-Naphthylamine	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
2,3,4,6-Tetrachlorophenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,4,5-Trichlorophenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,4,6-Trichlorophenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,4-Dichlorophenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,4-Dimethylphenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,4-Dinitrophenol	ND(7.7)	NA	NA	ND(2.0)	ND(3.5)	ND(1.8)
2,4-Dinitrotoluene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,6-Dichlorophenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2,6-Dinitrotoluene	ND(1.6)	NA	NA	ND(0.40) J	ND(0.71)	ND(0.37)
2-Acetylaminofluorene	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
2-Chloronaphthalene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2-Chlorophenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2-Methylnaphthalene	0.098 J	NA	NA	ND(0.40)	0.38 J	ND(0.37)
2-Methylphenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
2-Naphthylamine	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
2-Nitroaniline	ND(7.7)	NA	NA	ND(2.0) J	ND(3.5)	ND(1.8)
2-Nitrophenol	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
2-Picoline	ND(3.2)	NA	NA	ND(0.40)	ND(1.4)	ND(0.74)
3&4-Methylphenol	ND(3.2)	NA	NA	0.57 J	ND(1.4)	ND(0.74)
3,3'-Dichlorobenzidine	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
3,3'-Dimethylbenzidine	ND(7.7)	NA	NA	ND(0.40)	ND(3.5)	ND(1.8)
3-Methylcholanthrene	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
3-Nitroaniline	ND(7.7)	NA	NA	ND(2.0) J	ND(3.5)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(7.7)	NA	NA	ND(0.40)	ND(3.5)	ND(1.8)
4-Aminobiphenyl	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
4-Bromophenyl-phenylether	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
4-Chloro-3-Methylphenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
4-Chloroaniline	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
4-Chlorobenzilate	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
4-Chlorophenyl-phenylether	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
4-Nitroaniline	ND(7.7)	NA	NA	ND(2.0) J	ND(3.5)	ND(1.8)
4-Nitrophenol	ND(7.7)	NA	NA	ND(2.0) J	ND(3.5)	ND(1.8)
4-Nitroquinoline-1-oxide	ND(16)	NA	NA	ND(0.79) J	ND(7.1)	ND(3.7)
4-Phenylenediamine	ND(32)	NA	NA	ND(0.79)	ND(14)	ND(7.4)
5-Nitro-o-toluidine	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
a,a'-Dimethylphenethylamine	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
Acenaphthene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Acenaphthylene	0.88 J	NA	NA	0.80	0.68 J	0.12 J
Acetophenone	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Aniline	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Anthracene	0.49 J	NA	NA	0.53	0.35 J	0.13 J
Aramite	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
Benzidine	ND(16)	NA	NA	ND(0.79) J	ND(7.1)	ND(3.7)
Benzo(a)anthracene	2.1	NA	NA	1.4	1.1	1.1
Benzo(a)pyrene	2.3	NA	NA	1.0	1.2	0.97
Benzo(b)fluoranthene	2.2	NA	NA	1.0	1.1	0.92
Benzo(g,h,i)perylene	0.92 J	NA	NA	0.72	0.52 J	0.71
Benzo(k)fluoranthene	2.2	NA	NA	1.0	1.2	0.81
Benzyl Alcohol	ND(1.6)	NA	NA	ND(0.79) J	ND(0.71)	ND(0.37)
bis(2-Chloroethoxy)methane	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
bis(2-Chloroethyl)ether	ND(1.6)	NA	NA	ND(0.40) J	ND(0.71)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(1.6)	NA	NA	ND(0.39)	ND(0.71)	ND(0.37)
Butylbenzylphthalate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Chrysene	2.6	NA	NA	1.6	1.3	1.1
Diallate	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
Dibenzo(a,h)anthracene	0.35 J	NA	NA	0.19 J	0.16 J	0.30 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-D3	RAA15-E4
Sample Depth(Feet):	3-6	4-6	6-8	6-10	0-1	1-3
Parameter Date Collected:	03/06/03	03/06/03	05/05/04	05/05/04	03/10/03	03/07/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(1.6)	NA	NA	0.085 J	ND(0.71)	ND(0.37)
Diethylphthalate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Dimethylphthalate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Di-n-Butylphthalate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Di-n-Octylphthalate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Diphenylamine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Ethyl Methanesulfonate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Fluoranthene	4.8	NA	NA	3.4	1.7	1.5
Fluorene	ND(1.6)	NA	NA	ND(0.40)	0.077 J	ND(0.37)
Hexachlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	0.052 J
Hexachlorobutadiene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Hexachlorocyclopentadiene	ND(7.7)	NA	NA	ND(0.40)	ND(3.5)	ND(1.8)
Hexachloroethane	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Hexachlorophene	ND(32) J	NA	NA	ND(0.79) J	ND(14)	ND(7.5) J
Hexachloropropene	ND(16)	NA	NA	ND(0.40)	ND(7.1)	ND(3.7)
Indeno(1,2,3-cd)pyrene	1.2 J	NA	NA	0.62	0.57 J	0.81
Isodrin	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Isophorone	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Isosafrole	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
Methapyrilene	ND(7.7)	NA	NA	ND(0.79)	ND(3.5)	ND(1.8)
Methyl Methanesulfonate	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Naphthalene	0.12 J	NA	NA	0.16 J	0.55 J	0.030 J
Nitrobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitrosodiethylamine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitrosodimethylamine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
N-Nitroso-di-n-propylamine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitrosodiphenylamine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitrosomethylethylamine	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
N-Nitrosomorpholine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitrosopiperidine	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
N-Nitrosopyrrolidine	ND(1.6)	NA	NA	ND(0.79)	ND(0.71)	ND(0.37)
o,o,o-Triethylphosphorothioate	ND(7.7)	NA	NA	ND(0.40)	ND(3.5)	ND(1.8)
o-Toluidine	ND(3.2)	NA	NA	ND(0.40)	ND(1.4)	ND(0.74)
p-Dimethylaminoazobenzene	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
Pentachlorobenzene	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	0.12 J
Pentachloroethane	ND(7.7)	NA	NA	ND(0.40)	ND(3.5)	ND(1.8)
Pentachloronitrobenzene	ND(7.7)	NA	NA	ND(0.79) J	ND(3.5)	ND(1.8)
Pentachlorophenol	ND(7.7)	NA	NA	ND(2.0)	ND(3.5)	ND(1.8)
Phenacetin	ND(3.2)	NA	NA	ND(0.79)	ND(1.4)	ND(0.74)
Phenanthrene	2.3	NA	NA	1.7	1.1	0.35 J
Phenol	ND(1.6)	NA	NA	ND(0.40)	ND(0.71)	ND(0.37)
Pronamide	ND(3.2)	NA	NA	ND(0.40)	ND(1.4)	ND(0.74)
Pyrene	3.4	NA	NA	3.1	1.6	1.4
Pyridine	ND(3.2)	NA	NA	ND(0.40)	ND(1.4)	ND(0.74)
Safrole	ND(3.2)	NA	NA	ND(0.40)	ND(1.4)	ND(0.74)
Thionazin	ND(7.7)	NA	NA	ND(0.40)	ND(3.5)	ND(1.8)
Furans						
2,3,7,8-TCDF	ND(0.000059) X	NA	NA	0.000038 Y	0.0000066	ND(0.00028) X
TCDFs (total)	ND(0.00071) X	NA	NA	0.00054 QI	ND(0.000054) X	ND(0.0021) XQJ
1,2,3,7,8-PeCDF	0.000018	NA	NA	0.000021 Q	0.0000038 J	0.00027
2,3,4,7,8-PeCDF	0.000023	NA	NA	0.000074 Q	0.0000040 J	0.00027
PeCDFs (total)	ND(0.0015) X	NA	NA	0.00064 QI	ND(0.00010) X	ND(0.0025) XQJ
1,2,3,4,7,8-HxCDF	0.000028	NA	NA	0.00011	ND(0.000019) X	0.00065
1,2,3,6,7,8-HxCDF	ND(0.00022) X	NA	NA	0.000046	0.0000035 J	ND(0.00023) X
1,2,3,7,8,9-HxCDF	0.0000013 J	NA	NA	0.0000097 Q	ND(0.00000031) X	0.000019
2,3,4,6,7,8-HxCDF	0.000014	NA	NA	0.000062	0.0000019 J	0.000086
HxCDFs (total)	ND(0.0011) X	NA	NA	0.00095 Q	ND(0.000075) XQJ	ND(0.0017) XQJ
1,2,3,4,6,7,8-HpCDF	0.000070	NA	NA	0.00022	0.0000083	0.00040
1,2,3,4,7,8,9-HpCDF	0.0000099	NA	NA	0.000086	0.0000023 J	0.00014
HpCDFs (total)	ND(0.00018) X	NA	NA	0.00047	ND(0.000019) X	ND(0.00070) X
OCDF	0.000043	NA	NA	0.00052	0.0000079 J	0.00035

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-D3	RAA15-E4
Sample Depth(Feet):	3-6	4-6	6-8	6-10	0-1	1-3
Parameter Date Collected:	03/06/03	03/06/03	05/05/04	05/05/04	03/10/03	03/07/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000071) X	NA	NA	0.00000064 JQ	ND(0.00000039)	ND(0.0000015) X
TCDDs (total)	ND(0.000021) X	NA	NA	0.000010 Q	ND(0.0000013) X	ND(0.000049) XQJ
1,2,3,7,8-PeCDD	ND(0.0000025) X	NA	NA	ND(0.0000023)	ND(0.00000056) X	ND(0.000049) X
PeCDDs (total)	ND(0.000027) X	NA	NA	0.0000085 Q	ND(0.0000027) X	ND(0.00024) XQJ
1,2,3,4,7,8-HxCDD	0.0000018 J	NA	NA	0.0000015 J	0.00000031 J	0.0000043 J
1,2,3,6,7,8-HxCDD	0.0000041 J	NA	NA	ND(0.0000037)	0.00000067 J	0.0000072
1,2,3,7,8,9-HxCDD	0.0000038 JQ	NA	NA	ND(0.0000025)	ND(0.00000079) XQJ	0.0000046 JQ
HxCDDs (total)	ND(0.000050) XQJ	NA	NA	0.000031	ND(0.0000071) XQJ	ND(0.00020) XQJ
1,2,3,4,6,7,8-HpCDD	0.000029	NA	NA	0.000026	0.0000045 QJ	0.000039 QJ
HpCDDs (total)	0.000059	NA	NA	0.000049	0.000010 QJ	0.000080 QJ
OCDD	0.00019	NA	NA	0.00018	0.000031	0.000099 QJ
Total TEQs (WHO TEFs)	0.000034	NA	NA	0.000070	0.0000051	0.00028
Inorganics						
Antimony	2.20 B	NA	NA	1.90 J	0.510 B	0.470 B
Arsenic	7.20	NA	NA	3.60	7.90	3.90
Barium	125	NA	NA	56.0	37.5 J	39.0
Beryllium	0.380 B	NA	NA	0.180 B	0.380 B	ND(0.440)
Cadmium	0.500 B	NA	NA	0.700	ND(0.540)	ND(0.260)
Chromium	12.5	NA	NA	6.30	10.6	7.10
Cobalt	4.90 B	NA	NA	3.60 B	8.70	9.80
Copper	50.6	NA	NA	77.0	42.5 J	93.0 J
Cyanide	0.290 B	NA	NA	0.280	ND(0.540)	ND(0.560)
Lead	220	NA	NA	95.0	51.9 J	131 J
Mercury	2.70	NA	NA	3.80	0.790 J	1.60
Nickel	13.2	NA	NA	6.20	17.4	14.3 J
Selenium	ND(0.600)	NA	NA	ND(1.00) J	ND(0.540)	ND(0.560)
Silver	ND(1.20)	NA	NA	ND(1.00)	ND(1.10)	0.100 B
Sulfide	ND(12.0)	NA	NA	46.0	ND(10.8)	ND(11.2)
Thallium	1.00 B	NA	NA	ND(1.20) J	ND(1.10)	ND(1.10)
Tin	ND(13.0)	NA	NA	ND(10)	ND(5.10) J	ND(8.40)
Vanadium	19.0	NA	NA	8.10	13.1	8.70
Zinc	133	NA	NA	75.0	62.9	124

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-E4	RAA15-E4	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW
Sample Depth(Feet):	3-6	4-6	0-1	1-3	0-1	0-1
Parameter Date Collected:	03/07/03	03/07/03	03/10/03	05/05/04	05/05/04	05/05/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,1-Dichloroethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,1-Dichloroethene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,2,3-Trichloropropane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,2-Dibromoethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,2-Dichloroethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
1,4-Dioxane	NA	ND(0.91) J	ND(1.0) J	NA	NA	NA
2-Butanone	NA	ND(0.0046) J	ND(0.0052) J	NA	NA	NA
2-Chloro-1,3-butadiene	NA	ND(0.0046) J	ND(0.0052)	NA	NA	NA
2-Chloroethylvinylether	NA	ND(0.0091) J	ND(0.010) J	NA	NA	NA
2-Hexanone	NA	ND(0.018)	ND(0.021) J	NA	NA	NA
3-Chloropropene	NA	ND(0.0046)	ND(0.0052) J	NA	NA	NA
4-Methyl-2-pentanone	NA	ND(0.018)	ND(0.021)	NA	NA	NA
Acetone	NA	ND(0.018) J	ND(0.021) J	NA	NA	NA
Acetonitrile	NA	ND(0.091)	ND(0.10)	NA	NA	NA
Acrolein	NA	ND(0.091) J	ND(0.10)	NA	NA	NA
Acrylonitrile	NA	ND(0.091) J	ND(0.10)	NA	NA	NA
Benzene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Bromodichloromethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Bromoform	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Bromomethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Carbon Disulfide	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Carbon Tetrachloride	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Chlorobenzene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Chloroethane	NA	ND(0.0091)	ND(0.010)	NA	NA	NA
Chloroform	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Chloromethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Dibromochloromethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Dibromomethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Dichlorodifluoromethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Ethyl Methacrylate	NA	ND(0.0046) J	ND(0.0052) J	NA	NA	NA
Ethylbenzene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Iodomethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Isobutanol	NA	ND(0.18) J	ND(0.21) J	NA	NA	NA
Methacrylonitrile	NA	ND(0.0046)	ND(0.0052) J	NA	NA	NA
Methyl Methacrylate	NA	ND(0.0046)	ND(0.0052) J	NA	NA	NA
Methylene Chloride	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Propionitrile	NA	ND(0.0091)	ND(0.010)	NA	NA	NA
Styrene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Tetrachloroethene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Toluene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
trans-1,2-Dichloroethene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
trans-1,3-Dichloropropene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0046)	ND(0.0052) J	NA	NA	NA
Trichloroethene	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Trichlorofluoromethane	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Vinyl Acetate	NA	ND(0.0046)	ND(0.0052) J	NA	NA	NA
Vinyl Chloride	NA	ND(0.0091)	ND(0.010)	NA	NA	NA
Xylenes (total)	NA	ND(0.0046)	ND(0.0052)	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	0.42	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
1,2,4-Trichlorobenzene	0.055 J	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
1,2-Dichlorobenzene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
1,2-Diphenylhydrazine	ND(0.36)	NA	ND(15)	ND(0.38) J	ND(0.38) J	ND(0.39) J
1,3,5-Trinitrobenzene	ND(1.7)	NA	ND(74)	ND(0.38) J	ND(0.38) J	ND(0.39) J
1,3-Dichlorobenzene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-E4	RAA15-E4	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW
Sample Depth(Feet):	3-6	4-6	0-1	1-3	0-1	0-1
Parameter / Date Collected:	03/07/03	03/07/03	03/10/03	05/05/04	05/05/04	05/05/04
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.36)	NA	ND(15)	ND(0.76) J	ND(0.77) J	ND(0.78) J
1,4-Dichlorobenzene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
1,4-Naphthoquinone	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
1-Naphthylamine	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
2,3,4,6-Tetrachlorophenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,4,6-Trichlorophenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,4-Dichlorophenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,4-Dimethylphenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,4-Dinitrophenol	ND(1.7)	NA	ND(74)	ND(1.9)	ND(2.0)	ND(2.0)
2,4-Dinitrotoluene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,6-Dichlorophenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2,6-Dinitrotoluene	ND(0.36)	NA	ND(15)	ND(0.38) J	ND(0.38) J	ND(0.39) J
2-Acetylaminofluorene	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
2-Chloronaphthalene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2-Chlorophenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2-Methylnaphthalene	ND(0.36)	NA	0.97 J	ND(0.38)	0.082 J	0.11 J
2-Methylphenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
2-Naphthylamine	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
2-Nitroaniline	ND(1.7)	NA	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J
2-Nitrophenol	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
2-Picoline	ND(0.71)	NA	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)
3&4-Methylphenol	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
3,3'-Dichlorobenzidine	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
3,3'-Dimethylbenzidine	ND(1.7)	NA	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)
3-Methylcholanthrene	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
3-Nitroaniline	ND(1.7)	NA	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J
4,6-Dinitro-2-methylphenol	ND(1.7)	NA	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)
4-Aminobiphenyl	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
4-Bromophenyl-phenylether	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
4-Chloroaniline	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
4-Chlorobenzilate	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
4-Chlorophenyl-phenylether	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
4-Nitroaniline	ND(1.7)	NA	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J
4-Nitrophenol	ND(1.7)	NA	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J
4-Nitroquinoline-1-oxide	ND(3.6)	NA	ND(150)	ND(0.76) J	ND(0.77) J	ND(0.78) J
4-Phenylenediamine	ND(7.1)	NA	ND(300)	ND(0.76)	ND(0.77)	ND(0.78)
5-Nitro-o-toluidine	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
7,12-Dimethylbenz(a)anthracene	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
a,a'-Dimethylphenethylamine	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
Acenaphthene	ND(0.36)	NA	7.4 J	ND(0.38)	0.093 J	0.62
Acenaphthylene	ND(0.36)	NA	ND(15)	0.13 J	0.21 J	ND(0.39)
Acetophenone	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Aniline	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Anthracene	ND(0.36)	NA	13 J	0.12 J	0.25 J	1.3
Aramite	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
Benzidine	ND(3.6)	NA	ND(150)	ND(0.76) J	ND(0.77) J	ND(0.78) J
Benzo(a)anthracene	0.071 J	NA	35	0.29 J	0.58	3.2
Benzo(a)pyrene	0.072 J	NA	33	0.20 J	0.39	1.7
Benzo(b)fluoranthene	0.056 J	NA	30	0.19 J	0.33 J	1.6
Benzo(g,h,i)perylene	0.075 J	NA	12 J	0.17 J	0.30 J	1.0
Benzo(k)fluoranthene	0.070 J	NA	31	0.19 J	0.36 J	1.6
Benzyl Alcohol	ND(0.36)	NA	ND(15)	ND(0.76) J	ND(0.77) J	ND(0.78) J
bis(2-Chloroethoxy)methane	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.36)	NA	ND(15)	ND(0.38) J	ND(0.38) J	ND(0.39) J
bis(2-Chloroisopropyl)ether	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.38)
Butylbenzylphthalate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Chrysene	0.082 J	NA	38	0.36 J	0.64	3.3
Diallate	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
Dibenzo(a,h)anthracene	ND(0.36)	NA	4.1 J	ND(0.38)	0.11 J	0.23 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-E4	RAA15-E4	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW
Sample Depth(Feet):	3-6	4-6	0-1	1-3	0-1	0-1
Parameter Date Collected:	03/07/03	03/07/03	03/10/03	05/05/04	05/05/04	05/05/04
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.36)	NA	3.2 J	ND(0.38)	ND(0.38)	0.22 J
Diethylphthalate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Dimethylphthalate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Di-n-Butylphthalate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Di-n-Octylphthalate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Diphenylamine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Ethyl Methanesulfonate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Fluoranthene	0.11 J	NA	92	0.67	1.2	9.5 E
Fluorene	ND(0.36)	NA	5.6 J	ND(0.38)	ND(0.38)	0.45
Hexachlorobenzene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Hexachlorobutadiene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Hexachlorocyclopentadiene	ND(1.7)	NA	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)
Hexachloroethane	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Hexachlorophene	ND(7.2) J	NA	ND(310)	ND(0.76) J	ND(0.77) J	ND(0.78) J
Hexachloropropene	ND(3.6)	NA	ND(150)	ND(0.38)	ND(0.38)	ND(0.39)
Indeno(1,2,3-cd)pyrene	0.070 J	NA	15	0.14 J	0.24 J	0.91
Isodrin	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Isophorone	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Isosafrole	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
Methapyrilene	ND(1.7)	NA	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)
Methyl Methanesulfonate	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Naphthalene	ND(0.36)	NA	2.6 J	ND(0.38)	0.16 J	0.24 J
Nitrobenzene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitrosodiethylamine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitrosodimethylamine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
N-Nitroso-di-n-propylamine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
N-Nitrosomorpholine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitrosopiperidine	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.36)	NA	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)
o,o,o-Triethylphosphorothioate	ND(1.7)	NA	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)
o-Toluidine	ND(0.71)	NA	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
Pentachlorobenzene	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Pentachloroethane	ND(1.7)	NA	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)
Pentachloronitrobenzene	ND(1.7)	NA	ND(74)	ND(0.76) J	ND(0.77) J	ND(0.78) J
Pentachlorophenol	ND(1.7)	NA	ND(74)	ND(1.9)	ND(2.0)	ND(2.0)
Phenacetin	ND(0.71)	NA	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)
Phenanthrene	0.073 J	NA	62	0.35 J	0.70	5.6
Phenol	ND(0.36)	NA	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)
Pronamide	ND(0.71)	NA	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)
Pyrene	0.13 J	NA	59	0.64	1.2	7.3
Pyridine	ND(0.71)	NA	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)
Safrole	ND(0.71)	NA	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)
Thionazin	ND(1.7)	NA	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)
Furans						
2,3,7,8-TCDF	ND(0.000035)X	NA	ND(0.000010) X [0.0000053 J]	NA	NA	NA
TCDFs (total)	ND(0.00025) XQJ	NA	ND(0.00010) X [ND(0.000049) X]	NA	NA	NA
1,2,3,7,8-PeCDF	0.000028	NA	0.0000049 J [ND(0.0000029) X]	NA	NA	NA
2,3,4,7,8-PeCDF	0.000025	NA	0.0000061 J [0.0000049 J]	NA	NA	NA
PeCDFs (total)	ND(0.00033) XQJ	NA	ND(0.00027) XQJ [ND(0.00013) X]	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.000066 J	NA	ND(0.000033) X [0.0000068 J]	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000031) X	NA	0.0000058 J [ND(0.0000036) X]	NA	NA	NA
1,2,3,7,8,9-HxCDF	0.0000020 J	NA	ND(0.00000096) [ND(0.00000072)]	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.0000079	NA	0.0000045 J [0.0000035 J]	NA	NA	NA
HxCDFs (total)	ND(0.00023) XQJ	NA	ND(0.00021) X [ND(0.000086) X]	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000046	NA	ND(0.000021) X [0.000012 J]	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.000015	NA	0.0000053 J [0.0000028 J]	NA	NA	NA
HpCDFs (total)	ND(0.000081) X	NA	ND(0.000054) X [0.000029 J]	NA	NA	NA
OCDF	0.000042	NA	0.000021 J [0.000012 J]	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					
Sample ID:	RAA15-E4	RAA15-E4	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW
Sample Depth(Feet):	3-6	4-6	0-1	1-3	0-1	0-1
Parameter / Date Collected:	03/07/03	03/07/03	03/10/03	05/05/04	05/05/04	05/05/04
Dioxins						
2,3,7,8-TCDD	ND(0.00000039) X	NA	ND(0.0000020) [ND(0.0000023)]	NA	NA	NA
TCDDs (total)	ND(0.0000039) X	NA	ND(0.0000020) [ND(0.0000023)]	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000038) X	NA	ND(0.0000012) [ND(0.00000097)]	NA	NA	NA
PeCDDs (total)	ND(0.000014) X	NA	ND(0.0000029) X [ND(0.00000097)]	NA	NA	NA
1,2,3,4,7,8-HxCDD	0.00000047 J	NA	ND(0.0000012) [ND(0.0000010)]	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000072) X	NA	ND(0.0000024) X [ND(0.0000013) X]	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000044) XQJ	NA	0.0000032 J [ND(0.0000010)]	NA	NA	NA
HxCDDs (total)	ND(0.000023) XQJ	NA	ND(0.000025) X [ND(0.0000076) X]	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000061 QJ	NA	0.000023 J [0.000015 J]	NA	NA	NA
HpCDDs (total)	0.000012 QJ	NA	0.000052 J [0.000031 J]	NA	NA	NA
OCDD	0.000037 QJ	NA	0.00014 [0.000091 J]	NA	NA	NA
Total TEQs (WHO TEFs)	0.000028	NA	0.0000090 [0.0000064]	NA	NA	NA
Inorganics						
Antimony	ND(6.50)	NA	0.500 B	NA	NA	NA
Arsenic	3.80	NA	3.30	NA	NA	NA
Barium	28.9	NA	72.1 J	NA	NA	NA
Beryllium	ND(0.430)	NA	0.370 B	NA	NA	NA
Cadmium	ND(0.160)	NA	0.310 B	NA	NA	NA
Chromium	8.80	NA	7.60	NA	NA	NA
Cobalt	6.30	NA	5.00 B	NA	NA	NA
Copper	70.3 J	NA	41.8 J	NA	NA	NA
Cyanide	0.210 B	NA	0.210 B	NA	NA	NA
Lead	86.8 J	NA	130 J	NA	NA	NA
Mercury	0.760	NA	1.70 J	NA	NA	NA
Nickel	12.1 J	NA	10.7	NA	NA	NA
Selenium	ND(0.540)	NA	ND(0.580)	NA	NA	NA
Silver	ND(1.10)	NA	0.0990 B	NA	NA	NA
Sulfide	ND(10.8)	NA	ND(11.5)	NA	NA	NA
Thallium	ND(1.10)	NA	ND(1.20)	NA	NA	NA
Tin	ND(6.80)	NA	ND(5.20)	NA	NA	NA
Vanadium	7.90	NA	15.1	NA	NA	NA
Zinc	92.0	NA	75.3	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1						
Sample ID:	RAA15-E5SE	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6	RAA15-E7NW	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	1-3	6-8	6-10	0-1	0-1
Parameter Date Collected:	05/05/04	05/05/04	03/06/03	03/06/03	03/06/03	05/04/04	09/20/04
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,1-Dichloroethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,1-Dichloroethene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,2-Dibromoethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,2-Dichloroethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,2-Dichloropropane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
1,4-Dioxane	NA	NA	ND(1.1) J	ND(1.2) J	NA	NA	NA
2-Butanone	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
2-Chloroethylvinylether	NA	NA	ND(0.011) J	ND(0.012) J	NA	NA	NA
2-Hexanone	NA	NA	ND(0.023)	ND(0.023)	NA	NA	NA
3-Chloropropene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	ND(0.023)	ND(0.023)	NA	NA	NA
Acetone	NA	NA	ND(0.023) J	ND(0.023) J	NA	NA	NA
Acetonitrile	NA	NA	ND(0.11)	ND(0.12)	NA	NA	NA
Acrolein	NA	NA	ND(0.11) J	ND(0.12) J	NA	NA	NA
Acrylonitrile	NA	NA	ND(0.11)	ND(0.12)	NA	NA	NA
Benzene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Bromodichloromethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Bromoform	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Bromomethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Carbon Disulfide	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Carbon Tetrachloride	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Chlorobenzene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Chloroethane	NA	NA	ND(0.011)	ND(0.012)	NA	NA	NA
Chloroform	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Chloromethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Dibromochloromethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Dibromomethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Dichlorodifluoromethane	NA	NA	ND(0.0057) J	ND(0.0058) J	NA	NA	NA
Ethyl Methacrylate	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Ethylbenzene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Iodomethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Isobutanol	NA	NA	ND(0.23) J	ND(0.23) J	NA	NA	NA
Methacrylonitrile	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Methyl Methacrylate	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Methylene Chloride	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Propionitrile	NA	NA	ND(0.011)	ND(0.012)	NA	NA	NA
Styrene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Tetrachloroethene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Toluene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Trichloroethene	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Trichlorofluoromethane	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Vinyl Acetate	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Vinyl Chloride	NA	NA	ND(0.011)	ND(0.012)	NA	NA	NA
Xylenes (total)	NA	NA	ND(0.0057)	ND(0.0058)	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
1,2-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
1,2-Diphenylhydrazine	ND(0.39) J	ND(0.36) J	ND(0.78)	NA	ND(4.6)	ND(0.48) J	ND(0.49)
1,3,5-Trinitrobenzene	ND(0.39) J	ND(0.36) J	ND(3.8)	NA	ND(22)	ND(0.48)	ND(0.49) J
1,3-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1						
Sample ID:	RAA15-E5SE	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6	RAA15-E7NW	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	1-3	6-8	6-10	0-1	0-1
Parameter Date Collected:	05/05/04	05/05/04	03/06/03	03/06/03	03/06/03	05/04/04	09/20/04
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(0.79) J	ND(0.72) J	ND(0.78)	NA	ND(4.6)	ND(0.96) J	ND(0.98)
1,4-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
1,4-Naphthoquinone	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96) J	ND(0.98)
1-Naphthylamine	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,4,5-Trichlorophenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,4-Dichlorophenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,4-Dimethylphenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,4-Dinitrophenol	ND(2.0)	ND(1.8)	ND(3.8)	NA	ND(22)	ND(2.4)	ND(2.5)
2,4-Dinitrotoluene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,6-Dichlorophenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2,6-Dinitrotoluene	ND(0.39) J	ND(0.36) J	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2-Acetylaminofluorene	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
2-Chloronaphthalene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2-Chlorophenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2-Methylnaphthalene	0.29 J	ND(0.36)	0.16 J	NA	ND(4.6)	ND(0.48)	ND(0.49)
2-Methylphenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
2-Naphthylamine	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
2-Nitroaniline	ND(2.0) J	ND(1.8) J	ND(3.8)	NA	ND(22)	ND(2.4) J	ND(2.5)
2-Nitrophenol	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
2-Picoline	ND(0.39)	ND(0.36)	ND(1.6)	NA	ND(9.1)	ND(0.48)	ND(0.49)
3&4-Methylphenol	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
3,3'-Dichlorobenzidine	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96)	ND(0.98)
3,3'-Dimethylbenzidine	ND(0.39)	ND(0.36)	ND(3.8)	NA	ND(22)	ND(0.48)	ND(0.49)
3-Methylcholanthrene	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96)	ND(0.98) J
3-Nitroaniline	ND(2.0) J	ND(1.8) J	ND(3.8)	NA	ND(22)	ND(2.4)	ND(2.5)
4,6-Dinitro-2-methylphenol	ND(0.39)	ND(0.36)	ND(3.8)	NA	ND(22)	ND(0.48)	ND(0.49)
4-Aminobiphenyl	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96)	ND(0.98)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
4-Chloroaniline	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
4-Chlorobenzilate	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
4-Nitroaniline	ND(2.0) J	ND(1.8) J	ND(3.8)	NA	ND(22)	ND(2.4) J	ND(2.5)
4-Nitrophenol	ND(2.0) J	ND(1.8) J	ND(3.8)	NA	ND(22)	ND(2.4) J	ND(2.5) J
4-Nitroquinoline-1-oxide	ND(0.79) J	ND(0.72) J	ND(7.8)	NA	ND(46)	ND(0.96) J	ND(0.98) J
4-Phenylenediamine	ND(0.79)	ND(0.72)	ND(16)	NA	ND(91)	ND(0.96)	ND(0.98)
5-Nitro-o-toluidine	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
7,12-Dimethylbenz(a)anthracene	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
a,a'-Dimethylphenethylamine	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96) J	ND(0.98) J
Acenaphthene	1.9	0.088 J	0.15 J	NA	ND(4.6)	0.21 J	ND(0.49)
Acenaphthylene	0.096 J	0.083 J	0.30 J	NA	ND(4.6)	1.2	ND(0.49)
Acetophenone	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Aniline	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Anthracene	2.4	0.14 J	0.64 J	NA	ND(4.6)	1.6	ND(0.49)
Aramite	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96)	ND(0.98)
Benzidine	ND(0.79) J	ND(0.72) J	ND(7.8)	NA	ND(46)	ND(0.96) J	ND(0.98) J
Benzo(a)anthracene	4.2	0.40	2.4	NA	ND(4.6)	5.2	ND(0.49)
Benzo(a)pyrene	2.2	0.25 J	2.3	NA	ND(4.6)	3.6	ND(0.49)
Benzo(b)fluoranthene	2.0	0.24 J	2.0	NA	ND(4.6)	2.8	ND(0.49)
Benzo(g,h,i)perylene	1.2	0.18 J	1.1	NA	ND(4.6)	2.3	ND(0.49)
Benzo(k)fluoranthene	2.1	0.25 J	2.0	NA	ND(4.6)	4.0	ND(0.49)
Benzyl Alcohol	ND(0.79) J	ND(0.72) J	ND(0.78)	NA	ND(4.6)	ND(0.96) J	ND(0.98)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
bis(2-Chloroethyl)ether	ND(0.39) J	ND(0.36) J	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.35)	ND(0.78)	NA	ND(4.6)	0.28 J	ND(0.48)
Butylbenzylphthalate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Chrysene	4.2	0.44	2.5	NA	ND(4.6)	6.0	ND(0.49)
Diallate	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
Dibenzo(a,h)anthracene	0.46	ND(0.36)	0.44 J	NA	ND(4.6)	0.73	ND(0.49)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1						
Sample ID:	RAA15-E5SE	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6	RAA15-E7NW	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	1-3	6-8	6-10	0-1	0-1
Parameter Date Collected:	05/05/04	05/05/04	03/06/03	03/06/03	03/06/03	05/04/04	09/20/04
Semivolatile Organics (continued)							
Dibenzofuran	0.83	ND(0.36)	0.18 J	NA	ND(4.6)	0.10 J	ND(0.49)
Diethylphthalate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Dimethylphthalate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Di-n-Butylphthalate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Di-n-Octylphthalate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Diphenylamine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Ethyl Methanesulfonate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Fluoranthene	15	0.99	4.6	NA	ND(4.6)	13	0.25 J
Fluorene	1.3	ND(0.36)	0.21 J	NA	ND(4.6)	0.44 J	ND(0.49)
Hexachlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Hexachlorobutadiene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Hexachlorocyclopentadiene	ND(0.39)	ND(0.36)	ND(3.8)	NA	ND(22)	ND(0.48)	ND(0.49)
Hexachloroethane	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Hexachlorophene	ND(0.79) J	ND(0.72) J	ND(16) J	NA	ND(93) J	ND(0.96)	ND(0.98)
Hexachloropropene	ND(0.39)	ND(0.36)	ND(7.8)	NA	ND(46)	ND(0.48) J	ND(0.49)
Indeno(1,2,3-cd)pyrene	1.1	0.16 J	1.3	NA	ND(4.6)	2.0	ND(0.49)
Isodrin	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Isophorone	ND(0.39)	ND(0.36)	0.19 J	NA	1.7 J	ND(0.48)	ND(0.49)
Isosafrole	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
Methapyrilene	ND(0.79)	ND(0.72)	ND(3.8)	NA	ND(22)	ND(0.96) J	ND(0.98)
Methyl Methanesulfonate	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48) J	ND(0.49) J
Naphthalene	1.0	ND(0.36)	0.21 J	NA	ND(4.6)	ND(0.48)	ND(0.49)
Nitrobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
N-Nitrosodiethylamine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48) J	ND(0.49)
N-Nitrosodimethylamine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
N-Nitroso-di-n-butylamine	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
N-Nitrosomethylethylamine	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
N-Nitrosomorpholine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
N-Nitrosopiperidine	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
N-Nitrosopyrrolidine	ND(0.79)	ND(0.72)	ND(0.78)	NA	ND(4.6)	ND(0.96)	ND(0.98)
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.36)	ND(3.8)	NA	ND(22)	ND(0.48)	ND(0.49)
o-Toluidine	ND(0.39)	ND(0.36)	ND(1.6)	NA	ND(9.1)	ND(0.48)	ND(0.49)
p-Dimethylaminoazobenzene	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96)	ND(0.98)
Pentachlorobenzene	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Pentachloroethane	ND(0.39)	ND(0.36)	ND(3.8)	NA	ND(22)	ND(0.48) J	ND(0.49)
Pentachloronitrobenzene	ND(0.79) J	ND(0.72) J	ND(3.8)	NA	ND(22)	ND(0.96) J	ND(0.98)
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(3.8)	NA	ND(22)	ND(2.4)	ND(2.5)
Phenacetin	ND(0.79)	ND(0.72)	ND(1.6)	NA	ND(9.1)	ND(0.96) J	ND(0.98)
Phenanthrene	14	0.66	2.4	NA	ND(4.6)	6.3	0.16 J
Phenol	ND(0.39)	ND(0.36)	ND(0.78)	NA	ND(4.6)	ND(0.48)	ND(0.49)
Pronamide	ND(0.39)	ND(0.36)	ND(1.6)	NA	ND(9.1)	ND(0.48)	ND(0.49) J
Pyrene	12	0.82	3.3	NA	ND(4.6)	12	0.20 J
Pyridine	ND(0.39)	ND(0.36)	ND(1.6)	NA	ND(9.1)	ND(0.48)	ND(0.49)
Safrole	ND(0.39)	ND(0.36)	ND(1.6)	NA	ND(9.1)	ND(0.48)	ND(0.49)
Thionazin	ND(0.39)	ND(0.36)	ND(3.8)	NA	ND(22)	ND(0.48)	ND(0.49)
Furans							
2,3,7,8-TCDF	NA	NA	ND(0.000014) X	NA	ND(0.0000035) X	NA	NA
TCDFs (total)	NA	NA	ND(0.00026) X	NA	ND(0.000057) X	NA	NA
1,2,3,7,8-PeCDF	NA	NA	0.0000038 J	NA	0.00000074 J	NA	NA
2,3,4,7,8-PeCDF	NA	NA	0.0000057 J	NA	ND(0.00000075) X	NA	NA
PeCDFs (total)	NA	NA	ND(0.00035) X	NA	ND(0.000045) X	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.0000063) X	NA	0.00000099 J	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.000049) X	NA	ND(0.0000046) X	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000031) X	NA	ND(0.000000090)	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.0000034 J	NA	0.00000036 J	NA	NA
HxCDFs (total)	NA	NA	ND(0.00023) X	NA	ND(0.000023) X	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000029	NA	0.0000033 J	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000030 J	NA	0.00000031 J	NA	NA
HpCDFs (total)	NA	NA	ND(0.000080) X	NA	0.0000068 J	NA	NA
OCDF	NA	NA	0.000044	NA	0.0000034 J	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1						
Sample ID:	RAA15-E5SE	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6	RAA15-E7NW	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	1-3	6-8	6-10	0-1	0-1
Parameter Date Collected:	05/05/04	05/05/04	03/06/03	03/06/03	03/06/03	05/04/04	09/20/04
Dioxins							
2,3,7,8-TCDD	NA	NA	ND(0.00000030) X	NA	ND(0.00000022)	NA	NA
TCDDs (total)	NA	NA	ND(0.0000018) X	NA	ND(0.00000022)	NA	NA
1,2,3,7,8-PeCDD	NA	NA	0.00000077 J	NA	ND(0.00000012)	NA	NA
PeCDDs (total)	NA	NA	ND(0.0000065) X	NA	ND(0.00000069) X	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000049) X	NA	ND(0.00000012)	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.0000023 J	NA	0.00000029 J	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000015 JQ	NA	ND(0.00000012)	NA	NA
HxCDDs (total)	NA	NA	ND(0.000019) XQJ	NA	ND(0.0000023) X	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000029	NA	0.0000035 J	NA	NA
HpCDDs (total)	NA	NA	0.000094	NA	0.0000066 J	NA	NA
OCDD	NA	NA	0.00038	NA	0.000034	NA	NA
Total TEQs (WHO TEFs)	NA	NA	0.0000088	NA	0.0000011	NA	NA
Inorganics							
Antimony	NA	NA	ND(7.10)	NA	ND(8.30)	NA	NA
Arsenic	NA	NA	1.40	NA	3.40	NA	NA
Barium	NA	NA	28.6	NA	78.3	NA	NA
Beryllium	NA	NA	0.380 B	NA	0.500 B	NA	NA
Cadmium	NA	NA	ND(0.590)	NA	ND(0.690)	NA	NA
Chromium	NA	NA	7.40	NA	15.5	NA	NA
Cobalt	NA	NA	5.80 B	NA	6.30 B	NA	NA
Copper	NA	NA	7.90	NA	15.6	NA	NA
Cyanide	NA	NA	0.290 B	NA	0.260 B	NA	NA
Lead	NA	NA	3.50	NA	18.0	NA	NA
Mercury	NA	NA	0.140	NA	0.150	NA	NA
Nickel	NA	NA	9.70	NA	11.6	NA	NA
Selenium	NA	NA	ND(0.590)	NA	ND(0.690)	NA	NA
Silver	NA	NA	ND(1.20)	NA	ND(1.40)	NA	NA
Sulfide	NA	NA	ND(11.9)	NA	ND(13.8)	NA	NA
Thallium	NA	NA	ND(1.20)	NA	1.10 B	NA	NA
Tin	NA	NA	ND(3.40)	NA	ND(4.80)	NA	NA
Vanadium	NA	NA	8.80	NA	15.2	NA	NA
Zinc	NA	NA	43.5	NA	54.9	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					K10-11-2	
Sample ID:	RAA15-E7W	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-A9	RAA15-A15
Sample Depth(Feet):	1-3	0-1	1-3	6-8	6-10	0-1	3-6
Parameter Date Collected:	09/20/04	09/16/04	09/16/04	03/05/03	03/05/03	02/24/03	02/21/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,1,1-Trichloroethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,1,2-Trichloroethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,1-Dichloroethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,1-Dichloroethene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,2,3-Trichloropropane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,2-Dibromoethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,2-Dichloroethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,2-Dichloropropane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
1,4-Dioxane	NA	NA	NA	ND(1.9) J	NA	ND(1.0) J	NA
2-Butanone	NA	NA	NA	0.014 J	NA	ND(0.0052) J	NA
2-Chloro-1,3-butadiene	NA	NA	NA	ND(0.0093) J	NA	ND(0.0052)	NA
2-Chloroethylvinylether	NA	NA	NA	ND(0.019) J	NA	ND(0.010) J	NA
2-Hexanone	NA	NA	NA	ND(0.037)	NA	ND(0.021) J	NA
3-Chloropropene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
4-Methyl-2-pentanone	NA	NA	NA	ND(0.037)	NA	ND(0.021)	NA
Acetone	NA	NA	NA	0.033 J	NA	ND(0.021) J	NA
Acetonitrile	NA	NA	NA	ND(0.19)	NA	ND(0.10) J	NA
Acrolein	NA	NA	NA	ND(0.19) J	NA	ND(0.10) J	NA
Acrylonitrile	NA	NA	NA	ND(0.19) J	NA	ND(0.10)	NA
Benzene	NA	NA	NA	0.0021 J	NA	ND(0.0052)	NA
Bromodichloromethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Bromoform	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Bromomethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Carbon Disulfide	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Carbon Tetrachloride	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Chlorobenzene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Chloroethane	NA	NA	NA	ND(0.019)	NA	ND(0.010)	NA
Chloroform	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Chloromethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
cis-1,3-Dichloropropene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Dibromochloromethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Dibromomethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Dichlorodifluoromethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Ethyl Methacrylate	NA	NA	NA	ND(0.0093) J	NA	ND(0.0052)	NA
Ethylbenzene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Iodomethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Isobutanol	NA	NA	NA	ND(0.37) J	NA	ND(0.21) J	NA
Methacrylonitrile	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Methyl Methacrylate	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Methylene Chloride	NA	NA	NA	0.0025 J	NA	0.00083 J	NA
Propionitrile	NA	NA	NA	ND(0.019)	NA	ND(0.010)	NA
Styrene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Tetrachloroethene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Toluene	NA	NA	NA	ND(0.0093)	NA	0.00057 J	NA
trans-1,2-Dichloroethene	NA	NA	NA	0.0057 J	NA	ND(0.0052)	NA
trans-1,3-Dichloropropene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Trichloroethene	NA	NA	NA	0.0011 J	NA	ND(0.0052)	NA
Trichlorofluoromethane	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Vinyl Acetate	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Vinyl Chloride	NA	NA	NA	0.0028 J	NA	ND(0.010)	NA
Xylenes (total)	NA	NA	NA	ND(0.0093)	NA	ND(0.0052)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
1,2,4-Trichlorobenzene	ND(0.44) [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
1,2-Dichlorobenzene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
1,2-Diphenylhydrazine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
1,3,5-Trinitrobenzene	ND(0.44) J [ND(0.44) J]	ND(0.50) J	ND(0.46) J	NA	ND(2.1)	ND(1.8)	ND(7.1)
1,3-Dichlorobenzene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					K10-11-2	
Sample ID:	RAA15-E7W	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-A9	RAA15-A15
Sample Depth(Feet):	1-3	0-1	1-3	6-8	6-10	0-1	3-6
Parameter Date Collected:	09/20/04	09/16/04	09/16/04	03/05/03	03/05/03	02/24/03	02/21/03
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
1,4-Dichlorobenzene	ND(0.44) [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
1,4-Naphthoquinone	ND(0.89) [ND(0.89)]	ND(1.0) J	ND(0.92) J	NA	ND(2.1)	ND(1.8)	ND(7.1)
1-Naphthylamine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,3,4,6-Tetrachlorophenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,4,5-Trichlorophenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,4,6-Trichlorophenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,4-Dichlorophenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,4-Dimethylphenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,4-Dinitrophenol	ND(2.3) [ND(2.3)]	ND(2.6) J	ND(2.3) J	NA	ND(2.1)	ND(1.8)	ND(7.1)
2,4-Dinitrotoluene	ND(0.44) [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,6-Dichlorophenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2,6-Dinitrotoluene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2-Acetylaminofluorene	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.88)	ND(0.74)	ND(2.9)
2-Chloronaphthalene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2-Chlorophenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2-Methylnaphthalene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	1.6
2-Methylphenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2-Naphthylamine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2-Nitroaniline	ND(2.3) [ND(2.3)]	ND(2.6)	ND(2.3)	NA	ND(2.1)	ND(1.8)	ND(7.1)
2-Nitrophenol	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
2-Picoline	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.88)	ND(0.74)	ND(2.9)
3&4-Methylphenol	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.88)	ND(0.74)	ND(2.9)
3,3'-Dichlorobenzidine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(2.1)	ND(1.8)	ND(7.1)
3,3'-Dimethylbenzidine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(2.1)	ND(1.8)	ND(7.1)
3-Methylcholanthrene	ND(0.89) J [ND(0.89) J]	ND(1.0) J	ND(0.92) J	NA	ND(2.1)	ND(1.8)	ND(7.1)
3-Nitroaniline	ND(2.3) [ND(2.3)]	ND(2.6)	ND(2.3)	NA	ND(2.1)	ND(1.8)	ND(7.1)
4,6-Dinitro-2-methylphenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(2.1)	ND(1.8)	ND(7.1)
4-Aminobiphenyl	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(2.1)	ND(1.8)	ND(7.1)
4-Bromophenyl-phenylether	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
4-Chloro-3-Methylphenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
4-Chloroaniline	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
4-Chlorobenzilate	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
4-Chlorophenyl-phenylether	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
4-Nitroaniline	ND(2.3) [ND(2.3)]	ND(2.6)	ND(2.3)	NA	ND(2.1)	ND(1.8)	ND(7.1)
4-Nitrophenol	ND(2.3) J [ND(2.3) J]	ND(2.6) J	ND(2.3) J	NA	ND(2.1)	ND(1.8)	ND(7.1)
4-Nitroquinoline-1-oxide	ND(0.89) J [ND(0.89) J]	ND(1.0) J	ND(0.92) J	NA	ND(4.4)	ND(3.7)	ND(15)
4-Phenylenediamine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(8.8)	ND(7.4)	ND(29)
5-Nitro-o-toluidine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.88)	ND(0.74)	ND(2.9)
7,12-Dimethylbenz(a)anthracene	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.88)	ND(0.74)	ND(2.9)
a,a'-Dimethylphenethylamine	ND(0.89) J [ND(0.89) J]	ND(1.0)	ND(0.92)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Acenaphthene	ND(0.44) [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Acenaphthylene	ND(0.44) [ND(0.44)]	0.13 J	ND(0.46)	NA	ND(0.44)	ND(0.37)	2.6
Acetophenone	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Aniline	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Anthracene	ND(0.44) [ND(0.44)]	0.25 J	0.11 J	NA	ND(0.44)	ND(0.37)	0.97 J
Aramite	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Benzidine	ND(0.89) J [ND(0.89) J]	ND(1.0) J	ND(0.92) J	NA	ND(4.4)	ND(3.7)	ND(15)
Benzo(a)anthracene	ND(0.44) [ND(0.44)]	0.57	0.18 J	NA	ND(0.44)	0.053 J	1.8
Benzo(a)pyrene	ND(0.44) [ND(0.44)]	0.46 J	0.12 J	NA	ND(0.44)	0.054 J	2.9
Benzo(b)fluoranthene	ND(0.44) [ND(0.44)]	0.23 J	ND(0.46)	NA	ND(0.44)	0.055 J	2.0
Benzo(g,h,i)perylene	ND(0.44) [ND(0.44)]	0.20 J	ND(0.46)	NA	ND(0.44)	ND(0.37)	1.8
Benzo(k)fluoranthene	ND(0.44) [ND(0.44)]	0.65	0.13 J	NA	ND(0.44)	ND(0.37)	1.9
Benzyl Alcohol	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
bis(2-Chloroethoxy)methane	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
bis(2-Chloroethyl)ether	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
bis(2-Chloroisopropyl)ether	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
bis(2-Ethylhexyl)phthalate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.45)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Butylbenzylphthalate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Chrysene	ND(0.44) [ND(0.44)]	0.90	0.26 J	NA	ND(0.44)	0.061 J	2.2
Diallate	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.88)	ND(0.74)	ND(2.9)
Dibenzo(a,h)anthracene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	0.49 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					K10-11-2	
Sample ID:	RAA15-E7W	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-A9	RAA15-A15
Sample Depth(Feet):	1-3	0-1	1-3	6-8	6-10	0-1	3-6
Parameter Date Collected:	09/20/04	09/16/04	09/16/04	03/05/03	03/05/03	02/24/03	02/21/03
Semivolatile Organics (continued)							
Dibenzofuran	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	0.16 J
Diethylphthalate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Dimethylphthalate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Di-n-Butylphthalate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Di-n-Octylphthalate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Diphenylamine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Ethyl Methanesulfonate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Fluoranthene	ND(0.44) [ND(0.44)]	1.8	0.52	NA	ND(0.44)	0.13 J	2.4
Fluorene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	0.33 J
Hexachlorobenzene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Hexachlorobutadiene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Hexachlorocyclopentadiene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Hexachloroethane	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Hexachlorophene	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(9.0)	ND(7.5) J	ND(30) J
Hexachloropropene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(4.4)	ND(3.7)	ND(15)
Indeno(1,2,3-cd)pyrene	ND(0.44) [ND(0.44)]	0.20 J	ND(0.46)	NA	ND(0.44)	ND(0.37)	1.7
Isodrin	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Isophorone	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Isosafrole	ND(0.89) [ND(0.89)]	ND(1.0) J	ND(0.92) J	NA	ND(0.88)	ND(0.74)	ND(2.9)
Methapyrilene	ND(0.89) [ND(0.89)]	ND(1.0) J	ND(0.92) J	NA	ND(2.1)	ND(1.8)	ND(7.1)
Methyl Methanesulfonate	ND(0.44) J [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Naphthalene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	1.9
Nitrobenzene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosodiethylamine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosodimethylamine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitroso-di-n-butylamine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitroso-di-n-propylamine	ND(0.44) [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosodiphenylamine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosomethylethylamine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosomorpholine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosopiperidine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
N-Nitrosopyrrolidine	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.44)	ND(0.37)	ND(1.5)
o,o,o-Triethylphosphorothioate	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(2.1)	ND(1.8)	ND(7.1)
o-Toluidine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.88)	ND(0.74)	ND(2.9)
p-Dimethylaminoazobenzene	ND(0.89) [ND(0.89)]	ND(1.0) J	ND(0.92) J	NA	ND(0.88)	ND(0.74)	ND(2.9)
Pentachlorobenzene	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Pentachloroethane	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Pentachloronitrobenzene	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Pentachlorophenol	ND(2.3) [ND(2.3)]	ND(2.6)	ND(2.3)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Phenacetin	ND(0.89) [ND(0.89)]	ND(1.0)	ND(0.92)	NA	ND(0.88)	ND(0.74)	ND(2.9)
Phenanthrene	ND(0.44) [ND(0.44)]	0.99	0.47	NA	ND(0.44)	0.075 J	2.3
Phenol	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.44)	ND(0.37)	ND(1.5)
Pronamide	ND(0.44) J [ND(0.44) J]	ND(0.50)	ND(0.46)	NA	ND(0.88)	ND(0.74)	ND(2.9)
Pyrene	ND(0.44) [ND(0.44) J]	1.5	0.48	NA	ND(0.44)	0.086 J	3.4
Pyridine	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.88)	ND(0.74)	ND(2.9)
Safrole	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(0.88)	ND(0.74)	ND(2.9)
Thionazin	ND(0.44) [ND(0.44)]	ND(0.50)	ND(0.46)	NA	ND(2.1)	ND(1.8)	ND(7.1)
Furans							
2,3,7,8-TCDF	NA	NA	NA	NA	ND(0.00000025)	ND(0.0000014) X	ND(0.0000028) X
TCDFs (total)	NA	NA	NA	NA	ND(0.00000025)	ND(0.000020) X	ND(0.000016) X
1,2,3,7,8-PeCDF	NA	NA	NA	NA	ND(0.00000015)	ND(0.00000066) X	0.00000075 J
2,3,4,7,8-PeCDF	NA	NA	NA	NA	ND(0.00000014)	0.0000014 J	0.00000077 J
PeCDFs (total)	NA	NA	NA	NA	ND(0.00000014)	ND(0.000050) X	ND(0.0000096) X
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	ND(0.000000093)	0.0000029 J	0.00000097 J
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.000000086)	ND(0.0000046) X	ND(0.00000055) X
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	ND(0.00000011)	ND(0.00000014)	ND(0.00000015)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.000000099)	0.00000078 J	0.00000023 J
HxCDFs (total)	NA	NA	NA	NA	ND(0.000000096)	ND(0.000044) X	ND(0.0000038) X
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	ND(0.00000014)	0.0000062	ND(0.00000094) X
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	ND(0.00000018)	0.0000012 J	ND(0.00000022)
HpCDFs (total)	NA	NA	NA	NA	ND(0.00000016)	0.000016	ND(0.0000017) X
OCDF	NA	NA	NA	NA	ND(0.00000019)	0.0000075 J	0.0000013 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-1					K10-11-2	
Sample ID:	RAA15-E7W	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-A9	RAA15-A15
Sample Depth(Feet):	1-3	0-1	1-3	6-8	6-10	0-1	3-6
Parameter Date Collected:	09/20/04	09/16/04	09/16/04	03/05/03	03/05/03	02/24/03	02/21/03
Dioxins							
2,3,7,8-TCDD	NA	NA	NA	NA	ND(0.00000033)	ND(0.00000029)	ND(0.00000037)
TCDDs (total)	NA	NA	NA	NA	ND(0.00000033)	ND(0.00000029)	ND(0.0000029) X
1,2,3,7,8-PeCDD	NA	NA	NA	NA	ND(0.00000016)	ND(0.00000020)	ND(0.00000022)
PeCDDs (total)	NA	NA	NA	NA	ND(0.00000016)	ND(0.00000022) X	ND(0.0000031) X
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	ND(0.00000018)	ND(0.00000019)	ND(0.00000024)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	ND(0.00000016)	ND(0.00000045) X	ND(0.00000023)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	ND(0.00000017)	ND(0.00000028) X	ND(0.00000037) X
HxCDDs (total)	NA	NA	NA	NA	ND(0.00000017)	ND(0.0000023) X	ND(0.0000027) X
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	ND(0.00000019)	0.000010	0.0000011 J
HpCDDs (total)	NA	NA	NA	NA	ND(0.00000019)	0.000018	0.0000019 J
OCDD	NA	NA	NA	NA	ND(0.00000070) X	0.00011	ND(0.0000049)
Total TEQs (WHO TEFs)	NA	NA	NA	NA	0.00000034	0.0000019	0.0000011
Inorganics							
Antimony	NA	NA	NA	NA	0.660 J	ND(6.70)	ND(6.70)
Arsenic	NA	NA	NA	NA	5.70	3.00	5.40
Barium	NA	NA	NA	NA	110	15.7 B	29.0
Beryllium	NA	NA	NA	NA	0.380 B	0.180 B	0.150 B
Cadmium	NA	NA	NA	NA	0.0640 B	0.450 B	0.170 B
Chromium	NA	NA	NA	NA	9.70	4.40 J	6.70
Cobalt	NA	NA	NA	NA	4.60 B	4.30 B	6.40
Copper	NA	NA	NA	NA	21.4	10.6 J	26.6
Cyanide	NA	NA	NA	NA	ND(0.670)	ND(0.560)	0.210 B
Lead	NA	NA	NA	NA	99.7	12.1 J	20.0
Mercury	NA	NA	NA	NA	0.0280 J	0.0180 B	0.0730
Nickel	NA	NA	NA	NA	10.4	8.30 J	12.8
Selenium	NA	NA	NA	NA	ND(0.670)	ND(0.560)	ND(0.560)
Silver	NA	NA	NA	NA	ND(1.30)	ND(1.10)	ND(1.10)
Sulfide	NA	NA	NA	NA	21.5	ND(11.2)	ND(11.2)
Thallium	NA	NA	NA	NA	0.770 J	ND(1.10) J	ND(1.10) J
Tin	NA	NA	NA	NA	ND(7.20)	ND(2.70)	ND(6.30)
Vanadium	NA	NA	NA	NA	15.6	6.50 J	8.20
Zinc	NA	NA	NA	NA	80.0	29.1 J	44.6

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-A15	RAA15-B7	RAA15-B11	RAA15-B15	RAA15-C8	RAA15-C8
Sample Depth(Feet):	4-6	0-1	0-1	0-1	6-8	6-10
Parameter / Date Collected:	02/21/03	02/25/03	02/25/03	02/25/03	02/26/03	02/26/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,1-Dichloroethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,1-Dichloroethene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,2-Dibromoethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,2-Dichloroethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,2-Dichloropropane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
1,4-Dioxane	ND(0.99) J	ND(0.96) J	ND(0.86) J	ND(0.98) J [ND(1.0) J]	ND(1.1) J	NA
2-Butanone	ND(0.0050)	ND(0.0048) J	ND(0.0043) J	ND(0.0049) J [ND(0.0050) J]	ND(0.0053) J	NA
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
2-Chloroethylvinylether	ND(0.0099) J	ND(0.0096) J	ND(0.0086) J	ND(0.0098) J [ND(0.010) J]	ND(0.011) J	NA
2-Hexanone	ND(0.020)	ND(0.019) J	ND(0.017) J	ND(0.020) J [ND(0.020) J]	ND(0.021) J	NA
3-Chloropropene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
4-Methyl-2-pentanone	ND(0.020)	ND(0.019)	ND(0.017)	ND(0.020) [ND(0.020)]	ND(0.021)	NA
Acetone	ND(0.020)	ND(0.019) J	ND(0.017) J	ND(0.020) J [ND(0.020) J]	ND(0.021) J	NA
Acetonitrile	ND(0.099) J	ND(0.096)	ND(0.086)	ND(0.098) [ND(0.10)]	ND(0.11) J	NA
Acrolein	ND(0.099) J	ND(0.096) J	ND(0.086) J	ND(0.098) J [ND(0.10) J]	ND(0.11) J	NA
Acrylonitrile	ND(0.099)	ND(0.096)	ND(0.086)	ND(0.098) [ND(0.10)]	ND(0.11)	NA
Benzene	0.00050 J	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Bromodichloromethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Bromoform	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Bromomethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Carbon Disulfide	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Carbon Tetrachloride	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Chlorobenzene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Chloroethane	ND(0.0099)	ND(0.0096)	ND(0.0086)	ND(0.0098) [ND(0.010)]	ND(0.011)	NA
Chloroform	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Chloromethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Dibromochloromethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Dibromomethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Dichlorodifluoromethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Ethyl Methacrylate	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Ethylbenzene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Iodomethane	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Isobutanol	ND(0.20) J	ND(0.19) J	ND(0.17) J	ND(0.20) J [ND(0.20) J]	ND(0.21) J	NA
Methacrylonitrile	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Methyl Methacrylate	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Methylene Chloride	ND(0.0050)	ND(0.0048)	0.0024 J	ND(0.0049) [ND(0.0050)]	0.0023 J	NA
Propionitrile	ND(0.0099) J	ND(0.0096)	ND(0.0086)	ND(0.0098) [ND(0.010)]	ND(0.011)	NA
Styrene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Tetrachloroethene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Toluene	ND(0.0050)	ND(0.0048)	0.0015 J	ND(0.0049) [ND(0.0050)]	0.0012 J	NA
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Trichloroethene	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Trichlorofluoromethane	ND(0.0050) J	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Vinyl Acetate	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Vinyl Chloride	ND(0.0099)	ND(0.0096)	ND(0.0086)	ND(0.0098) [ND(0.010)]	ND(0.011)	NA
Xylenes (total)	ND(0.0050)	ND(0.0048)	ND(0.0043)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
1,2,4-Trichlorobenzene	NA	ND(0.71)	1.8	0.29 J [0.27 J]	NA	ND(0.35)
1,2-Dichlorobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
1,2-Diphenylhydrazine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
1,3,5-Trinitrobenzene	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
1,3-Dichlorobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-A15	RAA15-B7	RAA15-B11	RAA15-B15	RAA15-C8	RAA15-C8
Sample Depth(Feet):	4-6	0-1	0-1	0-1	6-8	6-10
Parameter Date Collected:	02/21/03	02/25/03	02/25/03	02/25/03	02/26/03	02/26/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
1,4-Dichlorobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
1,4-Naphthoquinone	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
1-Naphthylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,3,4,6-Tetrachlorophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,4,5-Trichlorophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,4,6-Trichlorophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,4-Dichlorophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,4-Dimethylphenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,4-Dinitrophenol	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
2,4-Dinitrotoluene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,6-Dichlorophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2,6-Dinitrotoluene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Acetylaminofluorene	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
2-Chloronaphthalene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Chlorophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Methylnaphthalene	NA	ND(0.71)	0.15 J	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Methylphenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Naphthylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Nitroaniline	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
2-Nitrophenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
2-Picoline	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
3&4-Methylphenol	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
3,3'-Dichlorobenzidine	NA	ND(3.5)	0.95 J	ND(14) [ND(14)]	NA	ND(1.7)
3,3'-Dimethylbenzidine	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
3-Methylcholanthrene	NA	ND(3.5)	0.29 J	ND(14) [ND(14)]	NA	ND(1.7)
3-Nitroaniline	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
4,6-Dinitro-2-methylphenol	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
4-Aminobiphenyl	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
4-Bromophenyl-phenylether	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
4-Chloro-3-Methylphenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
4-Chloroaniline	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
4-Chlorobenzilate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
4-Chlorophenyl-phenylether	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
4-Nitroaniline	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
4-Nitrophenol	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
4-Nitroquinoline-1-oxide	NA	ND(7.1)	ND(14)	ND(29) [ND(29)]	NA	ND(3.5)
4-Phenylenediamine	NA	ND(14)	ND(29)	ND(57) [ND(59)]	NA	ND(7.1)
5-Nitro-o-toluidine	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
7,12-Dimethylbenz(a)anthracene	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
a,a'-Dimethylphenethylamine	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Acenaphthene	NA	ND(0.71)	1.3 J	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Acenaphthylene	NA	ND(0.71)	0.13 J	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Acetophenone	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Aniline	NA	ND(0.71)	0.18 J	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Anthracene	NA	ND(0.71)	4.1	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Aramite	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Benzidine	NA	ND(7.1)	ND(14)	ND(29) [ND(29)]	NA	ND(3.5)
Benzo(a)anthracene	NA	ND(0.71)	9.7	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Benzo(a)pyrene	NA	ND(0.71)	9.6	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Benzo(b)fluoranthene	NA	ND(0.71)	11	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Benzo(g,h,i)perylene	NA	ND(0.71)	3.5	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Benzo(k)fluoranthene	NA	ND(0.71)	5.2	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Benzyl Alcohol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
bis(2-Chloroethoxy)methane	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
bis(2-Chloroethyl)ether	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
bis(2-Chloroisopropyl)ether	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
bis(2-Ethylhexyl)phthalate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Butylbenzylphthalate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Chrysene	NA	ND(0.71)	10	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Diallate	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Dibenzo(a,h)anthracene	NA	ND(0.71)	1.6	ND(2.9) [ND(2.9)]	NA	ND(0.35)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-A15	RAA15-B7	RAA15-B11	RAA15-B15	RAA15-C8	RAA15-C8
Sample Depth(Feet):	4-6	0-1	0-1	0-1	6-8	6-10
Parameter Date Collected:	02/21/03	02/25/03	02/25/03	02/25/03	02/26/03	02/26/03
Semivolatile Organics (continued)						
Dibenzofuran	NA	ND(0.71)	0.70 J	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Diethylphthalate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Dimethylphthalate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Di-n-Butylphthalate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Di-n-Octylphthalate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Diphenylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Ethyl Methanesulfonate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Fluoranthene	NA	ND(0.71)	19	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Fluorene	NA	ND(0.71)	1.4	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Hexachlorobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Hexachlorobutadiene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Hexachlorocyclopentadiene	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Hexachloroethane	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Hexachlorophene	NA	ND(14) J	ND(29) J	ND(58) J [ND(59) J]	NA	ND(7.2) J
Hexachloropropene	NA	ND(7.1)	ND(14)	ND(29) [ND(29)]	NA	ND(3.5)
Indeno(1,2,3-cd)pyrene	NA	ND(0.71)	4.2	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Isodrin	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Isophorone	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Isosafrole	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Methapyrilene	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Methyl Methanesulfonate	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Naphthalene	NA	ND(0.71)	0.27 J	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Nitrobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosodiethylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosodimethylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitroso-di-n-butylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitroso-di-n-propylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosodiphenylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosomethylethylamine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosomorpholine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosopiperidine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
N-Nitrosopyrrolidine	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
o,o,o-Triethylphosphorothioate	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
o-Toluidine	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
p-Dimethylaminoazobenzene	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Pentachlorobenzene	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Pentachloroethane	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Pentachloronitrobenzene	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Pentachlorophenol	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Phenacetin	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Phenanthrene	NA	ND(0.71)	13	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Phenol	NA	ND(0.71)	ND(1.4)	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Pronamide	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Pyrene	NA	ND(0.71)	16	ND(2.9) [ND(2.9)]	NA	ND(0.35)
Pyridine	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Safrole	NA	ND(1.4)	ND(2.9)	ND(5.7) [ND(5.9)]	NA	ND(0.71)
Thionazin	NA	ND(3.5)	ND(7.0)	ND(14) [ND(14)]	NA	ND(1.7)
Furans						
2,3,7,8-TCDF	NA	ND(0.00000045) X	ND(0.00014) XJ	ND(0.000088) X [ND(0.000090) X]	NA	0.00000074 J
TCDFs (total)	NA	ND(0.000047) X	ND(0.0011) X	ND(0.00071) X [ND(0.00081) X]	NA	ND(0.0000079) X
1,2,3,7,8-PeCDF	NA	0.0000017 J	0.00014 J	0.000096 [0.000086]	NA	ND(0.00000018)
2,3,4,7,8-PeCDF	NA	ND(0.000035) X	0.00018	0.00012 [0.00011]	NA	ND(0.00000036) X
PeCDFs (total)	NA	ND(0.00022) X	ND(0.0031) XQJ	ND(0.0018) X [ND(0.0016) X]	NA	ND(0.000020) X
1,2,3,4,7,8-HxCDF	NA	0.0000096	0.00075	ND(0.00057) X [ND(0.00049) X]	NA	0.00000056 J
1,2,3,6,7,8-HxCDF	NA	ND(0.0000012) X	ND(0.00044) XJ	0.000096 [0.000093]	NA	ND(0.0000025) X
1,2,3,7,8,9-HxCDF	NA	ND(0.00000036)	0.000045 J	0.000020 J [0.000016 J]	NA	ND(0.00000012)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000021) X	0.000069	0.000038 J [0.000035]	NA	0.00000029 J
HxCDFs (total)	NA	ND(0.00026) X	ND(0.0029) X	ND(0.0016) X [ND(0.0015) X]	NA	ND(0.000017) X
1,2,3,4,6,7,8-HpCDF	NA	0.000079	0.00065	0.00042 [0.00032]	NA	ND(0.0000011) X
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000013) X	0.00044	0.00022 [0.00016]	NA	ND(0.00000016)
HpCDFs (total)	NA	ND(0.000084) X	0.0017	0.00095 [ND(0.00072) X]	NA	ND(0.0000023) X
OCDF	NA	0.0000081 J	0.0015	0.00084 [0.00052]	NA	0.0000015 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-A15	RAA15-B7	RAA15-B11	RAA15-B15	RAA15-C8	RAA15-C8
Sample Depth(Feet):	4-6	0-1	0-1	0-1	6-8	6-10
Parameter / Date Collected:	02/21/03	02/25/03	02/25/03	02/25/03	02/26/03	02/26/03
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000036)	ND(0.0000016) X	ND(0.0000014) [ND(0.0000015)]	NA	ND(0.00000035)
TCDDs (total)	NA	ND(0.00000036)	ND(0.0000053) X	0.0000020 J [ND(0.0000020) X]	NA	ND(0.00000035)
1,2,3,7,8-PeCDD	NA	ND(0.00000054)	ND(0.0000053) X	ND(0.0000026) X [ND(0.0000027) X]	NA	ND(0.00000019)
PeCDDs (total)	NA	ND(0.0000028) X	ND(0.000052) X	ND(0.000020) X [ND(0.000040) X]	NA	ND(0.00000019)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000034)	ND(0.0000026) X	ND(0.0000033) X [ND(0.0000039) X]	NA	ND(0.00000018)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000032)	ND(0.0000072)	ND(0.0000049) X [ND(0.0000043)]	NA	ND(0.00000017)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000033)	ND(0.0000074)	ND(0.0000055) [ND(0.0000050) X]	NA	ND(0.00000018)
HxCDDs (total)	NA	ND(0.0000081) X	ND(0.000078) X	ND(0.000053) X [ND(0.000052) X]	NA	ND(0.00000089) X
1,2,3,4,6,7,8-HpCDD	NA	0.0000018 J	0.000040 J	0.000024 J [0.000020 J]	NA	ND(0.0000013) X
HpCDDs (total)	NA	ND(0.0000035) X	0.000083 J	0.000050 J [0.000044 J]	NA	ND(0.00000056)
OCDD	NA	0.000015 J	0.00026 J	0.00013 J [0.000083 J]	NA	0.0000092 J
Total TEQs (WHO TEFs)	NA	0.000011	0.00023	0.00012 [0.00011]	NA	0.00000069
Inorganics						
Antimony	NA	ND(6.50)	ND(6.50)	ND(6.50) [ND(6.70)]	NA	ND(6.40) J
Arsenic	NA	6.70	3.40	2.30 [2.90]	NA	2.20
Barium	NA	15.3 J	27.2 J	17.5 J [25.9 J]	NA	14.4 B
Beryllium	NA	0.300 B	0.300 B	0.310 B [0.260 B]	NA	ND(0.310)
Cadmium	NA	ND(0.540)	0.110 B	ND(0.540) [ND(0.550)]	NA	ND(0.530)
Chromium	NA	11.7 J	7.30 J	4.70 J [7.90 J]	NA	4.20
Cobalt	NA	12.0	4.50 B	4.60 B [5.10 B]	NA	5.20 B
Copper	NA	25.2 J	31.5 J	20.9 J [25.6 J]	NA	8.60
Cyanide	NA	ND(0.540)	ND(0.540)	ND(0.540) [ND(0.200)]	NA	0.200 B
Lead	NA	11.5 J	34.4 J	15.5 J [27.8 J]	NA	4.50
Mercury	NA	0.0200 B	0.130	0.0400 [0.0550]	NA	0.0170 B
Nickel	NA	20.5	9.90	8.60 [10.3]	NA	8.50 J
Selenium	NA	ND(0.540)	ND(0.540)	ND(0.540) [ND(0.550)]	NA	ND(0.530) J
Silver	NA	ND(1.10)	ND(1.10)	ND(1.10) [ND(1.10)]	NA	ND(1.10)
Sulfide	NA	ND(10.8)	ND(10.9)	ND(10.8) [ND(11.1)]	NA	ND(10.7)
Thallium	NA	0.950 B	ND(1.10)	ND(1.10) [ND(1.10)]	NA	ND(1.10)
Tin	NA	ND(3.40)	ND(4.50)	ND(4.20) [ND(5.60)]	NA	ND(4.10)
Vanadium	NA	11.9	7.50	26.2 [22.1]	NA	ND(5.00)
Zinc	NA	61.1	51.7	31.5 [48.5]	NA	28.4

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

Parcel ID:	K10-11-2					
Sample ID:	RAA15-C11	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	1-3	3-6	1-3	1-3	1-3	0-1
Parameter Date Collected:	02/21/03	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,1,1-Trichloroethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,1,2,2-Tetrachloroethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,1,2-Trichloroethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,1-Dichloroethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,1-Dichloroethene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,2,3-Trichloropropane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,2-Dibromo-3-chloropropane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,2-Dibromoethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,2-Dichloroethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,2-Dichloropropane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
1,4-Dioxane	ND(0.90) J	NA	NA	NA	NA	ND(1.0) J
2-Butanone	ND(0.0045)	NA	NA	NA	NA	ND(0.0051) J
2-Chloro-1,3-butadiene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
2-Chloroethylvinylether	ND(0.0090) J	NA	NA	NA	NA	ND(0.010) J
2-Hexanone	ND(0.018)	NA	NA	NA	NA	ND(0.020) J
3-Chloropropene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
4-Methyl-2-pentanone	ND(0.018)	NA	NA	NA	NA	ND(0.020)
Acetone	ND(0.018)	NA	NA	NA	NA	ND(0.020) J
Acetonitrile	ND(0.090) J	NA	NA	NA	NA	ND(0.10)
Acrolein	ND(0.090) J	NA	NA	NA	NA	ND(0.10) J
Acrylonitrile	ND(0.090)	NA	NA	NA	NA	ND(0.10)
Benzene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Bromodichloromethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Bromoform	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Bromomethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Carbon Disulfide	0.00069 J	NA	NA	NA	NA	ND(0.0051)
Carbon Tetrachloride	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Chlorobenzene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Chloroethane	ND(0.0090)	NA	NA	NA	NA	ND(0.010)
Chloroform	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Chloromethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
cis-1,3-Dichloropropene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Dibromochloromethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Dibromomethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Dichlorodifluoromethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Ethyl Methacrylate	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Ethylbenzene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Iodomethane	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Isobutanol	ND(0.18) J	NA	NA	NA	NA	ND(0.20) J
Methacrylonitrile	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Methyl Methacrylate	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Methylene Chloride	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Propionitrile	ND(0.0090) J	NA	NA	NA	NA	ND(0.010)
Styrene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Tetrachloroethene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Toluene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
trans-1,2-Dichloroethene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
trans-1,3-Dichloropropene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
trans-1,4-Dichloro-2-butene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Trichloroethene	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Trichlorofluoromethane	ND(0.0045) J	NA	NA	NA	NA	ND(0.0051)
Vinyl Acetate	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Vinyl Chloride	ND(0.0090)	NA	NA	NA	NA	ND(0.010)
Xylenes (total)	ND(0.0045)	NA	NA	NA	NA	ND(0.0051)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,2,4-Trichlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,2-Dichlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,2-Diphenylhydrazine	ND(7.7)	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(1.6)
1,3,5-Trinitrobenzene	ND(37)	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(7.9)
1,3-Dichlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)

TABLE C-2
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-C11	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	1-3	3-6	1-3	1-3	1-3	0-1
Parameter Date Collected:	02/21/03	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(7.7)	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(1.6)
1,4-Dichlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,4-Naphthoquinone	ND(37)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
1-Naphthylamine	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
2,3,4,6-Tetrachlorophenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4,5-Trichlorophenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4,6-Trichlorophenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4-Dichlorophenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4-Dimethylphenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4-Dinitrophenol	ND(37)	ND(1.9) [ND(1.9)]	ND(1.9)	ND(1.9)	ND(1.9)	ND(7.9)
2,4-Dinitrotoluene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,6-Dichlorophenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,6-Dinitrotoluene	ND(7.7)	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(1.6)
2-Acetylaminofluorene	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
2-Chloronaphthalene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2-Chlorophenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2-Methylnaphthalene	2.0 J	ND(0.36) [ND(0.37)]	0.69	0.20 J	0.80	ND(1.6)
2-Methylphenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2-Naphthylamine	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
2-Nitroaniline	ND(37)	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
2-Nitrophenol	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
2-Picoline	ND(15)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
3&4-Methylphenol	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
3,3'-Dichlorobenzidine	ND(37)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
3,3'-Dimethylbenzidine	ND(37)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
3-Methylcholanthrene	2.1 J	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
3-Nitroaniline	ND(37)	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
4,6-Dinitro-2-methylphenol	ND(37)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
4-Aminobiphenyl	ND(37)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
4-Bromophenyl-phenylether	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Chloro-3-Methylphenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Chloroaniline	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Chlorobenzilate	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
4-Chlorophenyl-phenylether	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Nitroaniline	ND(37)	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
4-Nitrophenol	ND(37)	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
4-Nitroquinoline-1-oxide	ND(77)	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(16)
4-Phenylenediamine	ND(150)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(33)
5-Nitro-o-toluidine	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
7,12-Dimethylbenz(a)anthracene	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
a,a'-Dimethylphenethylamine	ND(37)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
Acenaphthene	9.7	0.14 J [0.15 J]	3.4	1.1	4.2	0.12 J
Acenaphthylene	0.65 J	0.15 J [0.087 J]	0.47	0.47	0.53	0.38 J
Acetophenone	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Aniline	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Anthracene	27	0.37 [0.43]	12	4.1	10	0.44 J
Aramite	ND(37)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
Benzidine	ND(77)	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(16)
Benzo(a)anthracene	86	1.2 [0.93]	26	12	24	1.5 J
Benzo(a)pyrene	71	0.66 [0.48]	14	6.6	13	1.5 J
Benzo(b)fluoranthene	68	0.62 [0.38]	14	6.0	12	1.7
Benzo(g,h,i)perylene	21	0.44 [0.26 J]	6.0	3.6	7.1	0.53 J
Benzo(k)fluoranthene	37	0.72 [0.47]	18	5.9	14	1.8
Benzyl Alcohol	ND(7.7)	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(1.6)
bis(2-Chloroethoxy)methane	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
bis(2-Chloroethyl)ether	ND(7.7)	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(1.6)
bis(2-Chloroisopropyl)ether	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
bis(2-Ethylhexyl)phthalate	ND(7.7)	ND(0.36) [ND(0.36)]	ND(0.37)	ND(0.37)	ND(0.37)	ND(1.6)
Butylbenzylphthalate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Chrysene	92	1.2 [0.96]	26	11	24	1.8
Diallate	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Dibenzo(a,h)anthracene	11	0.14 J [ND(0.37)]	2.3	1.4	2.6	ND(1.6)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-C11	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	1-3	3-6	1-3	1-3	1-3	0-1
Parameter Date Collected:	02/21/03	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Semivolatile Organics (continued)						
Dibenzofuran	6.2 J	ND(0.36) [0.079 J]	2.0	0.62	2.4	ND(1.6)
Diethylphthalate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Dimethylphthalate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Di-n-Butylphthalate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Di-n-Octylphthalate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Diphenylamine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Ethyl Methanesulfonate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Fluoranthene	190	2.4 [2.4]	66	29	60	4.2
Fluorene	13	0.12 J [0.13 J]	4.4	1.3	5.1	ND(1.6)
Hexachlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Hexachlorobutadiene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Hexachlorocyclopentadiene	ND(37)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
Hexachloroethane	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Hexachlorophene	ND(160) J	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(33) J
Hexachloropropene	ND(77)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(16)
Indeno(1,2,3-cd)pyrene	26	0.40 [0.25 J]	5.7	3.2	6.5	0.65 J
Isodrin	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Isophorone	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Isosafrole	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Methapyrilene	ND(37)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
Methyl Methanesulfonate	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Naphthalene	4.7 J	0.13 J [0.15 J]	2.0	0.75	2.1	0.12 J
Nitrobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosodiethylamine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosodimethylamine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitroso-di-n-butylamine	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
N-Nitroso-di-n-propylamine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosodiphenylamine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosomethylethylamine	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
N-Nitrosomorpholine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosopiperidine	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosopyrrolidine	ND(7.7)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
o,o,o-Triethylphosphorothioate	ND(37)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
o-Toluidine	ND(15)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
p-Dimethylaminoazobenzene	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Pentachlorobenzene	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Pentachloroethane	ND(37)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
Pentachloronitrobenzene	ND(37)	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(7.9)
Pentachlorophenol	ND(37)	ND(1.9) [ND(1.9)]	ND(1.9)	ND(1.9)	ND(1.9)	ND(7.9)
Phenacetin	ND(15)	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Phenanthrene	120	1.3 [1.5]	40	13	38	1.7
Phenol	ND(7.7)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Pronamide	ND(15)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
Pyrene	140	2.1 [1.9]	50	23	46	2.5
Pyridine	ND(15)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
Safrole	ND(15)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
Thionazin	ND(37)	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
Furans						
2,3,7,8-TCDF	ND(0.000038) X	NA	NA	NA	NA	ND(0.000016) X
TCDFs (total)	ND(0.00071) X	NA	NA	NA	NA	ND(0.00015) X
1,2,3,7,8-PeCDF	0.000020 J	NA	NA	NA	NA	0.0000076 J
2,3,4,7,8-PeCDF	0.000030 J	NA	NA	NA	NA	0.000015 J
PeCDFs (total)	ND(0.0017) X	NA	NA	NA	NA	ND(0.00040) X
1,2,3,4,7,8-HxCDF	0.000085	NA	NA	NA	NA	0.000024 J
1,2,3,6,7,8-HxCDF	ND(0.00021) X	NA	NA	NA	NA	ND(0.000041) X
1,2,3,7,8,9-HxCDF	ND(0.0000044) X	NA	NA	NA	NA	ND(0.0000015)
2,3,4,6,7,8-HxCDF	0.000021 J	NA	NA	NA	NA	0.0000086 J
HxCDFs (total)	ND(0.0014) X	NA	NA	NA	NA	ND(0.00035) X
1,2,3,4,6,7,8-HpCDF	0.00012	NA	NA	NA	NA	0.000049 J
1,2,3,4,7,8,9-HpCDF	0.000047 J	NA	NA	NA	NA	0.000013 J
HpCDFs (total)	0.00029	NA	NA	NA	NA	ND(0.00014) X
OCDF	0.00017	NA	NA	NA	NA	0.000094 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-C11	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	1-3	3-6	1-3	1-3	1-3	0-1
Parameter Date Collected:	02/21/03	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Dioxins						
2,3,7,8-TCDD	ND(0.0000014)	NA	NA	NA	NA	ND(0.0000011)
TCDDs (total)	ND(0.0000029) X	NA	NA	NA	NA	0.0000017 J
1,2,3,7,8-PeCDD	ND(0.0000047) X	NA	NA	NA	NA	ND(0.0000016) X
PeCDDs (total)	ND(0.000036) X	NA	NA	NA	NA	ND(0.0000081) X
1,2,3,4,7,8-HxCDD	ND(0.0000025) X	NA	NA	NA	NA	ND(0.0000022)
1,2,3,6,7,8-HxCDD	0.0000055 J	NA	NA	NA	NA	ND(0.0000044) X
1,2,3,7,8,9-HxCDD	ND(0.0000040) X	NA	NA	NA	NA	ND(0.0000046) X
HxCDDs (total)	ND(0.000054) X	NA	NA	NA	NA	ND(0.000036) X
1,2,3,4,6,7,8-HpCDD	0.000076	NA	NA	NA	NA	0.000085
HpCDDs (total)	0.00014	NA	NA	NA	NA	0.00016
OCDD	0.00064	NA	NA	NA	NA	0.00062
Total TEQs (WHO TEFs)	0.000046	NA	NA	NA	NA	0.000018
Inorganics						
Antimony	ND(7.00)	NA	NA	NA	NA	ND(0.520)
Arsenic	4.30	NA	NA	NA	NA	5.90
Barium	50.1	NA	NA	NA	NA	47.6 J
Beryllium	0.0940 B	NA	NA	NA	NA	0.550 B
Cadmium	0.440 B	NA	NA	NA	NA	0.530 B
Chromium	8.90	NA	NA	NA	NA	18.9 J
Cobalt	6.00	NA	NA	NA	NA	8.60
Copper	51.7	NA	NA	NA	NA	52.0 J
Cyanide	0.200 B	NA	NA	NA	NA	ND(0.290)
Lead	37.8	NA	NA	NA	NA	128 J
Mercury	0.250	NA	NA	NA	NA	0.140
Nickel	14.1	NA	NA	NA	NA	18.3
Selenium	ND(0.580)	NA	NA	NA	NA	ND(0.620)
Silver	0.210 B	NA	NA	NA	NA	ND(1.20)
Sulfide	ND(11.6)	NA	NA	NA	NA	ND(12.4)
Thallium	ND(1.20) J	NA	NA	NA	NA	ND(1.20)
Tin	ND(6.30)	NA	NA	NA	NA	ND(8.20)
Vanadium	10.5	NA	NA	NA	NA	24.4
Zinc	84.3	NA	NA	NA	NA	165

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE	RAA15-E7NE
Sample Depth(Feet):	0-1	0-1	0-1	1-3	1-3	0-1
Parameter Date Collected:	02/27/03	02/25/03	02/27/03	05/04/04	09/20/04	05/04/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,1-Dichloroethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,1-Dichloroethene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,2-Dibromoethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,2-Dichloroethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,2-Dichloropropane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
1,4-Dioxane	ND(1.2) J	ND(1.3) J	ND(1.2) J	NA	NA	NA
2-Butanone	ND(0.0059) J	ND(0.0065) J	ND(0.0062) J	NA	NA	NA
2-Chloro-1,3-butadiene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
2-Chloroethylvinylether	ND(0.012) J	ND(0.013) J	ND(0.012) J	NA	NA	NA
2-Hexanone	ND(0.023)	ND(0.026) J	ND(0.025)	NA	NA	NA
3-Chloropropene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
4-Methyl-2-pentanone	ND(0.023)	ND(0.026)	ND(0.025)	NA	NA	NA
Acetone	ND(0.023) J	ND(0.026) J	ND(0.025) J	NA	NA	NA
Acetonitrile	ND(0.12) J	ND(0.13)	ND(0.12) J	NA	NA	NA
Acrolein	ND(0.12) J	ND(0.13) J	ND(0.12) J	NA	NA	NA
Acrylonitrile	ND(0.12)	ND(0.13)	ND(0.12)	NA	NA	NA
Benzene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Bromodichloromethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Bromoform	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Bromomethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Carbon Disulfide	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Carbon Tetrachloride	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Chlorobenzene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Chloroethane	ND(0.012) J	ND(0.013)	ND(0.012) J	NA	NA	NA
Chloroform	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Chloromethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Dibromochloromethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Dibromomethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Dichlorodifluoromethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Ethyl Methacrylate	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Ethylbenzene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Iodomethane	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Isobutanol	ND(0.23) J	ND(0.26) J	ND(0.25) J	NA	NA	NA
Methacrylonitrile	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Methyl Methacrylate	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Methylene Chloride	0.0015 J	ND(0.0065)	0.0021 J	NA	NA	NA
Propionitrile	ND(0.012)	ND(0.013)	ND(0.012)	NA	NA	NA
Styrene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Tetrachloroethene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Toluene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Trichloroethene	ND(0.0059)	ND(0.0065)	0.0065	NA	NA	NA
Trichlorofluoromethane	ND(0.0059) J	ND(0.0065)	ND(0.0062) J	NA	NA	NA
Vinyl Acetate	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Vinyl Chloride	ND(0.012)	ND(0.013)	ND(0.012)	NA	NA	NA
Xylenes (total)	ND(0.0059)	ND(0.0065)	ND(0.0062)	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
1,2,4-Trichlorobenzene	ND(1.7)	0.068 J	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
1,2-Dichlorobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
1,2-Diphenylhydrazine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39) J	ND(0.47)	ND(0.60) J
1,3,5-Trinitrobenzene	ND(8.1)	ND(3.9)	ND(21)	ND(0.39)	ND(0.47) J	ND(0.60)
1,3-Dichlorobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE	RAA15-E7NE
Sample Depth(Feet):	0-1	0-1	0-1	1-3	1-3	0-1
Parameter Date Collected:	02/27/03	02/25/03	02/27/03	05/04/04	09/20/04	05/04/04
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78) J	ND(0.94)	ND(0.81) J
1,4-Dichlorobenzene	ND(1.7)	0.10 J	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
1,4-Naphthoquinone	ND(8.1)	ND(3.9)	ND(21)	ND(0.78) J	ND(0.94)	ND(0.81) J
1-Naphthylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	ND(0.81)
2,3,4,6-Tetrachlorophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2,4,5-Trichlorophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2,4,6-Trichlorophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2,4-Dichlorophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2,4-Dimethylphenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2,4-Dinitrophenol	ND(8.1)	ND(3.9)	ND(21)	ND(2.0)	ND(2.4)	R
2,4-Dinitrotoluene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
2,6-Dichlorophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2,6-Dinitrotoluene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
2-Acetylaminofluorene	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	ND(0.81)
2-Chloronaphthalene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
2-Chlorophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2-Methylnaphthalene	0.29 J	0.080 J	0.65 J	2.1	ND(0.47)	ND(0.60)
2-Methylphenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
2-Naphthylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	ND(0.81)
2-Nitroaniline	ND(8.1)	ND(3.9)	ND(21)	ND(2.0) J	ND(2.4)	ND(3.0) J
2-Nitrophenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	R
2-Picoline	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.39)	ND(0.47)	ND(0.60)
3&4-Methylphenol	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	R
3,3'-Dichlorobenzidine	ND(8.1)	ND(3.9)	ND(21)	ND(0.78)	ND(0.94)	ND(1.2)
3,3'-Dimethylbenzidine	ND(8.1)	ND(3.9)	ND(21)	ND(0.39)	ND(0.47)	ND(0.60)
3-Methylcholanthrene	0.25 J	ND(3.9)	ND(21)	ND(0.78)	ND(0.94) J	ND(0.81)
3-Nitroaniline	ND(8.1)	ND(3.9)	ND(21)	ND(2.0)	ND(2.4)	ND(3.0)
4,6-Dinitro-2-methylphenol	ND(8.1)	ND(3.9)	ND(21)	ND(0.39)	ND(0.47)	R
4-Aminobiphenyl	ND(8.1)	ND(3.9)	ND(21)	ND(0.78)	ND(0.94)	ND(0.81)
4-Bromophenyl-phenylether	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
4-Chloro-3-Methylphenol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	R
4-Chloroaniline	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
4-Chlorobenzilate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	ND(0.81)
4-Chlorophenyl-phenylether	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
4-Nitroaniline	ND(8.1)	ND(3.9)	ND(21)	ND(2.0) J	ND(2.4)	ND(2.0) J
4-Nitrophenol	ND(8.1)	ND(3.9)	ND(21)	ND(2.0) J	ND(2.4) J	R
4-Nitroquinoline-1-oxide	ND(17)	ND(8.0)	ND(43)	ND(0.78) J	ND(0.94) J	ND(0.81) J
4-Phenylenediamine	ND(33)	ND(16)	ND(86)	ND(0.78)	ND(0.94)	ND(0.81)
5-Nitro-o-toluidine	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	ND(0.81)
7,12-Dimethylbenz(a)anthracene	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	ND(0.81)
a,a'-Dimethylphenethylamine	ND(8.1)	ND(3.9)	ND(21)	ND(0.78) J	ND(0.94) J	ND(0.81) J
Acenaphthene	1.3 J	0.068 J	2.1 J	16	0.27 J	0.43 J
Acenaphthylene	0.31 J	0.25 J	1.4 J	0.56	ND(0.47)	ND(0.60)
Acetophenone	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Aniline	ND(1.7)	1.0	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Anthracene	3.1	0.27 J	5.8	33	0.57	0.74
Aramite	ND(8.1)	ND(3.9)	ND(21)	ND(0.78)	ND(0.94)	ND(0.81)
Benzidine	ND(17)	ND(8.0)	ND(43)	ND(0.78) J	ND(0.94) J	ND(1.2) J
Benzo(a)anthracene	9.4	0.95	13	54	0.75	0.79
Benzo(a)pyrene	8.7	0.95	12	32	0.33 J	0.30 J
Benzo(b)fluoranthene	9.8	1.2	12	25	0.20 J	0.29 J
Benzo(g,h,i)perylene	3.3	0.42 J	5.2	19	ND(0.47)	0.14 J
Benzo(k)fluoranthene	5.9	1.2	9.1	32	0.50	0.34 J
Benzyl Alcohol	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78) J	ND(0.94)	R
bis(2-Chloroethoxy)methane	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
bis(2-Chloroethyl)ether	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
bis(2-Chloroisopropyl)ether	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(0.80)	0.59 J	ND(0.38)	ND(0.46)	ND(0.40)
Butylbenzylphthalate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Chrysene	9.9	1.2	15	54	0.86	0.83
Diallate	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	ND(0.81)
Dibenzo(a,h)anthracene	1.7	0.13 J	2.1 J	6.6	ND(0.47)	ND(0.60)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE	RAA15-E7NE
Sample Depth(Feet):	0-1	0-1	0-1	1-3	1-3	0-1
Parameter Date Collected:	02/27/03	02/25/03	02/27/03	05/04/04	09/20/04	05/04/04
Semivolatile Organics (continued)						
Dibenzofuran	0.96 J	ND(0.80)	1.7 J	7.1	0.14 J	0.28 J
Diethylphthalate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Dimethylphthalate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Di-n-Butylphthalate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Di-n-Octylphthalate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Diphenylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Ethyl Methanesulfonate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Fluoranthene	22	2.1	33	160	3.2	3.3
Fluorene	1.6 J	0.083 J	3.2 J	14	0.26 J	0.42 J
Hexachlorobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Hexachlorobutadiene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Hexachlorocyclopentadiene	ND(8.1)	ND(3.9)	ND(21)	ND(0.39)	ND(0.47)	ND(0.60)
Hexachloroethane	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Hexachlorophene	ND(34) J	ND(16) J	ND(87) J	ND(0.78)	ND(0.94)	ND(1.2)
Hexachloropropene	ND(17)	ND(8.0)	ND(43)	ND(0.39) J	ND(0.47)	ND(0.60) J
Indeno(1,2,3-cd)pyrene	4.1	0.50 J	6.1	17	ND(0.47)	0.13 J
Isodrin	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Isophorone	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Isosafrole	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	ND(0.81)
Methapyrilene	ND(8.1)	ND(3.9)	ND(21)	ND(0.78) J	ND(0.94)	ND(0.81) J
Methyl Methanesulfonate	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39) J	ND(0.47) J	ND(0.60) J
Naphthalene	0.81 J	0.10 J	1.2 J	5.5	0.12 J	0.46 J
Nitrobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
N-Nitrosodiethylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39) J	ND(0.47)	ND(0.60) J
N-Nitrosodimethylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
N-Nitroso-di-n-butylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	ND(0.81)
N-Nitroso-di-n-propylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
N-Nitrosodiphenylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
N-Nitrosomethylethylamine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	ND(0.81)
N-Nitrosomorpholine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
N-Nitrosopiperidine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
N-Nitrosopyrrolidine	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.78)	ND(0.94)	ND(0.81)
o,o,o-Triethylphosphorothioate	ND(8.1)	ND(3.9)	ND(21)	ND(0.39)	ND(0.47)	ND(0.60)
o-Toluidine	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.39)	ND(0.47)	ND(0.60)
p-Dimethylaminoazobenzene	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78)	ND(0.94)	ND(0.81)
Pentachlorobenzene	ND(1.7)	ND(0.80)	ND(4.3)	ND(0.39)	ND(0.47)	ND(0.60)
Pentachloroethane	ND(8.1)	ND(3.9)	ND(21)	ND(0.39) J	ND(0.47)	ND(0.60) J
Pentachloronitrobenzene	ND(8.1)	ND(3.9)	ND(21)	ND(0.78) J	ND(0.94)	ND(0.81) J
Pentachlorophenol	ND(8.1)	ND(3.9)	ND(21)	ND(2.0)	ND(2.4)	R
Phenacetin	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.78) J	ND(0.94)	ND(0.81) J
Phenanthrene	16	1.1	25	130	2.6	3.3
Phenol	ND(1.7)	0.12 J	0.41 J	ND(0.39)	ND(0.47)	R
Pronamide	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.39)	ND(0.47) J	ND(0.60)
Pyrene	19	1.4	22	130	2.4	2.4
Pyridine	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.39)	ND(0.47)	ND(0.60)
Safrole	ND(3.3)	ND(1.6)	ND(8.6)	ND(0.39)	ND(0.47)	ND(0.60)
Thionazin	ND(8.1)	ND(3.9)	ND(21)	ND(0.39)	ND(0.47)	ND(0.60)
Furans						
2,3,7,8-TCDF	ND(0.0000090)	ND(0.000043) X	ND(0.000018) X	NA	NA	NA
TCDFs (total)	ND(0.00012) X	ND(0.00046) X	ND(0.00018) X	NA	NA	NA
1,2,3,7,8-PeCDF	0.0000037 J	0.000014	0.0000063 J	NA	NA	NA
2,3,4,7,8-PeCDF	0.0000057 J	ND(0.000022) X	0.000011 J	NA	NA	NA
PeCDFs (total)	ND(0.00023) X	ND(0.0012) X	ND(0.00041) X	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.000012 J	0.000034	0.000021 J	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000024) X	ND(0.00019) X	ND(0.000045) X	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000047)	ND(0.00000095)	ND(0.00000061) X	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000031) X	0.000017	ND(0.0000062) X	NA	NA	NA
HxCDFs (total)	ND(0.00020) X	ND(0.0011) X	ND(0.00034) X	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000035	0.000069	0.000040	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000053 J	0.000017	0.000012 J	NA	NA	NA
HpCDFs (total)	0.000090	ND(0.00021) X	ND(0.00012) X	NA	NA	NA
OCDF	0.000069	0.00010	0.000075	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE	RAA15-E7NE
Sample Depth(Feet):	0-1	0-1	0-1	1-3	1-3	0-1
Parameter / Date Collected:	02/27/03	02/25/03	02/27/03	05/04/04	09/20/04	05/04/04
Dioxins						
2,3,7,8-TCDD	ND(0.0000011)	ND(0.00000085) X	ND(0.0000015)	NA	NA	NA
TCDDs (total)	ND(0.0000011)	ND(0.0000056) X	ND(0.0000015)	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000051) X	ND(0.0000019) X	ND(0.0000045) X	NA	NA	NA
PeCDDs (total)	ND(0.000017) X	ND(0.000018) X	ND(0.000015) X	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000012) X	0.0000020 J	0.0000016 J	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000032) X	0.0000033 J	0.0000047 J	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000033) X	0.0000033 J	ND(0.0000036)	NA	NA	NA
HxCDDs (total)	ND(0.000036) X	ND(0.000037) X	ND(0.000043) X	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.000069	0.000032	0.000073	NA	NA	NA
HpCDDs (total)	0.00013	0.000061	0.00013	NA	NA	NA
OCDD	0.00046	0.00029 J	0.00065	NA	NA	NA
Total TEQs (WHO TEFs)	0.000011	0.000026	0.000017	NA	NA	NA
Inorganics						
Antimony	ND(7.60) J	ND(0.830)	0.820 J	NA	NA	NA
Arsenic	4.40	5.90	5.80	NA	NA	NA
Barium	40.5	34.2 J	48.5	NA	NA	NA
Beryllium	0.420 B	0.350 B	0.440 B	NA	NA	NA
Cadmium	ND(0.630)	ND(0.610)	ND(0.650)	NA	NA	NA
Chromium	10.1	9.90 J	15.5	NA	NA	NA
Cobalt	6.60	5.90 B	7.90	NA	NA	NA
Copper	20.4	60.3 J	44.4	NA	NA	NA
Cyanide	ND(0.630)	ND(0.610)	0.300 B	NA	NA	NA
Lead	37.7	60.2 J	187	NA	NA	NA
Mercury	0.0890	0.630	0.260	NA	NA	NA
Nickel	13.4	12.8	17.8	NA	NA	NA
Selenium	ND(0.630)	ND(0.610)	ND(0.650)	NA	NA	NA
Silver	ND(1.30)	ND(1.20)	0.370 B	NA	NA	NA
Sulfide	ND(12.6)	ND(12.2)	ND(13.0)	NA	NA	NA
Thallium	ND(1.30) J	0.930 B	ND(1.30) J	NA	NA	NA
Tin	ND(12.6)	ND(7.80)	ND(13.0)	NA	NA	NA
Vanadium	12.4	9.20	17.9	NA	NA	NA
Zinc	78.5 J	130	148 J	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E7SE	RAA15-E7SW	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NENE
Sample Depth(Feet):	0-1	0-1	1-3	1-3	1-3	1-3
Parameter Date Collected:	05/04/04	05/04/04	02/26/03	05/04/04	09/16/04	09/16/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0044)	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0044)	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0044)	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0044)	NA	NA	NA
1,1-Dichloroethane	NA	NA	ND(0.0044)	NA	NA	NA
1,1-Dichloroethene	NA	NA	ND(0.0044)	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	ND(0.0044)	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0044)	NA	NA	NA
1,2-Dibromoethane	NA	NA	ND(0.0044)	NA	NA	NA
1,2-Dichloroethane	NA	NA	ND(0.0044)	NA	NA	NA
1,2-Dichloropropane	NA	NA	ND(0.0044)	NA	NA	NA
1,4-Dioxane	NA	NA	ND(0.88) J	NA	NA	NA
2-Butanone	NA	NA	ND(0.0044) J	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0044)	NA	NA	NA
2-Chloroethylvinylether	NA	NA	ND(0.0088) J	NA	NA	NA
2-Hexanone	NA	NA	ND(0.018) J	NA	NA	NA
3-Chloropropene	NA	NA	ND(0.0044)	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	ND(0.018)	NA	NA	NA
Acetone	NA	NA	ND(0.018) J	NA	NA	NA
Acetonitrile	NA	NA	ND(0.088) J	NA	NA	NA
Acrolein	NA	NA	ND(0.088) J	NA	NA	NA
Acrylonitrile	NA	NA	ND(0.088)	NA	NA	NA
Benzene	NA	NA	ND(0.0044)	NA	NA	NA
Bromodichloromethane	NA	NA	ND(0.0044)	NA	NA	NA
Bromoform	NA	NA	ND(0.0044)	NA	NA	NA
Bromomethane	NA	NA	ND(0.0044)	NA	NA	NA
Carbon Disulfide	NA	NA	ND(0.0044)	NA	NA	NA
Carbon Tetrachloride	NA	NA	ND(0.0044)	NA	NA	NA
Chlorobenzene	NA	NA	ND(0.0044)	NA	NA	NA
Chloroethane	NA	NA	ND(0.0088)	NA	NA	NA
Chloroform	NA	NA	ND(0.0044)	NA	NA	NA
Chloromethane	NA	NA	ND(0.0044)	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0044)	NA	NA	NA
Dibromochloromethane	NA	NA	ND(0.0044)	NA	NA	NA
Dibromomethane	NA	NA	ND(0.0044)	NA	NA	NA
Dichlorodifluoromethane	NA	NA	ND(0.0044)	NA	NA	NA
Ethyl Methacrylate	NA	NA	ND(0.0044)	NA	NA	NA
Ethylbenzene	NA	NA	ND(0.0044)	NA	NA	NA
Iodomethane	NA	NA	ND(0.0044)	NA	NA	NA
Isobutanol	NA	NA	ND(0.18) J	NA	NA	NA
Methacrylonitrile	NA	NA	ND(0.0044)	NA	NA	NA
Methyl Methacrylate	NA	NA	ND(0.0044)	NA	NA	NA
Methylene Chloride	NA	NA	0.0020 J	NA	NA	NA
Propionitrile	NA	NA	ND(0.0088)	NA	NA	NA
Styrene	NA	NA	ND(0.0044)	NA	NA	NA
Tetrachloroethene	NA	NA	ND(0.0044)	NA	NA	NA
Toluene	NA	NA	0.0010 J	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0044)	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0044)	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0044)	NA	NA	NA
Trichloroethene	NA	NA	ND(0.0044)	NA	NA	NA
Trichlorofluoromethane	NA	NA	ND(0.0044)	NA	NA	NA
Vinyl Acetate	NA	NA	ND(0.0044)	NA	NA	NA
Vinyl Chloride	NA	NA	ND(0.0088)	NA	NA	NA
Xylenes (total)	NA	NA	ND(0.0044)	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
1,2-Dichlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.39) J	ND(0.57) J	ND(18)	ND(0.37) J	ND(0.35)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.39)	ND(0.57)	ND(87)	ND(0.37)	ND(0.35) J	ND(0.38) J
1,3-Dichlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E7SE	RAA15-E7SW	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NENE
Sample Depth(Feet):	0-1	0-1	1-3	1-3	1-3	1-3
Parameter Date Collected:	05/04/04	05/04/04	02/26/03	05/04/04	09/16/04	09/16/04
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.78) J	ND(0.88) J	ND(18)	ND(0.75) J	ND(0.71)	ND(0.76)
1,4-Dichlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
1,4-Naphthoquinone	ND(0.78) J	ND(0.88) J	ND(87)	ND(0.75) J	ND(0.71) J	ND(0.76) J
1-Naphthylamine	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,4-Dichlorophenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,4-Dimethylphenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,4-Dinitrophenol	ND(2.0)	ND(2.8)	ND(87)	ND(1.9)	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,6-Dichlorophenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2,6-Dinitrotoluene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2-Acetylaminofluorene	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71)	ND(0.76)
2-Chloronaphthalene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2-Chlorophenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2-Methylnaphthalene	ND(0.39)	ND(0.57)	7.3 J	ND(0.37)	ND(0.35)	ND(0.38)
2-Methylphenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
2-Naphthylamine	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
2-Nitroaniline	ND(2.0) J	ND(2.8) J	ND(87)	ND(1.9) J	ND(1.8)	ND(1.9)
2-Nitrophenol	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
2-Picoline	ND(0.39)	ND(0.57)	ND(36)	ND(0.37)	ND(0.35)	ND(0.38)
3&4-Methylphenol	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71)	ND(0.76)
3,3'-Dichlorobenzidine	ND(0.78)	ND(1.1)	ND(87)	ND(0.75)	ND(0.71)	ND(0.76)
3,3'-Dimethylbenzidine	ND(0.39)	ND(0.57)	ND(87)	ND(0.37)	ND(0.35)	ND(0.38)
3-Methylcholanthrene	ND(0.78)	ND(0.88)	5.7 J	ND(0.75)	ND(0.71) J	ND(0.76) J
3-Nitroaniline	ND(2.0)	ND(2.8)	ND(87)	ND(1.9)	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.39)	ND(0.57)	ND(87)	ND(0.37)	ND(0.35)	ND(0.38)
4-Aminobiphenyl	ND(0.78)	ND(0.88)	ND(87)	ND(0.75)	ND(0.71)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
4-Chloroaniline	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
4-Chlorobenzilate	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
4-Nitroaniline	ND(2.0) J	ND(2.2) J	ND(87)	ND(1.9) J	ND(1.8)	ND(1.9)
4-Nitrophenol	ND(2.0) J	ND(2.8) J	ND(87)	ND(1.9) J	ND(1.8) J	ND(1.9) J
4-Nitroquinoline-1-oxide	ND(0.78) J	ND(0.88) J	ND(180)	ND(0.75) J	ND(0.71) J	ND(0.76) J
4-Phenylenediamine	ND(0.78)	ND(0.88)	ND(360)	ND(0.75)	ND(0.71)	ND(0.76)
5-Nitro-o-toluidine	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71)	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71)	ND(0.76)
a,a'-Dimethylphenethylamine	ND(0.78) J	ND(0.88) J	ND(87)	ND(0.75) J	ND(0.71)	ND(0.76)
Acenaphthene	4.0	0.31 J	30	1.5	ND(0.35)	ND(0.38)
Acenaphthylene	0.48	0.24 J	2.2 J	0.59	ND(0.35)	ND(0.38)
Acetophenone	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Aniline	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Anthracene	9.8	1.0	80	12	0.12 J	ND(0.38)
Aramite	ND(0.78)	ND(0.88)	ND(87)	ND(0.75)	ND(0.71)	ND(0.76)
Benzidine	ND(0.78) J	ND(1.1) J	ND(180)	ND(0.75) J	ND(0.71) J	ND(0.76) J
Benzo(a)anthracene	20	2.2	210	60	0.19 J	ND(0.38)
Benzo(a)pyrene	9.7	1.2	160	28	0.14 J	ND(0.38)
Benzo(b)fluoranthene	9.2	1.2	160	29	0.10 J	ND(0.38)
Benzo(g,h,i)perylene	4.8	0.67	36	14	0.098 J	ND(0.38)
Benzo(k)fluoranthene	11	1.3	120	28	0.16 J	ND(0.38)
Benzyl Alcohol	ND(0.78) J	ND(1.1) J	ND(18)	ND(0.75) J	ND(0.71)	ND(0.76)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.43)	ND(18)	ND(0.37)	ND(0.35)	ND(0.37)
Butylbenzylphthalate	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Chrysene	20	2.2	200	58	0.25 J	0.085 J
Diallate	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71)	ND(0.76)
Dibenzo(a,h)anthracene	1.9	0.27 J	19	4.2	ND(0.35)	ND(0.38)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E7SE	RAA15-E7SW	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NENE
Sample Depth(Feet):	0-1	0-1	1-3	1-3	1-3	1-3
Parameter Date Collected:	05/04/04	05/04/04	02/26/03	05/04/04	09/16/04	09/16/04
Semivolatile Organics (continued)						
Dibenzofuran	2.5	0.19 J	20	0.82	ND(0.35)	ND(0.38)
Diethylphthalate	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Dimethylphthalate	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Di-n-Butylphthalate	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Di-n-Octylphthalate	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Diphenylamine	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Ethyl Methanesulfonate	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Fluoranthene	57	5.7	520	110	0.54	0.16 J
Fluorene	4.8	0.43 J	38	2.3	ND(0.35)	ND(0.38)
Hexachlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Hexachlorobutadiene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Hexachlorocyclopentadiene	ND(0.39)	ND(0.57)	ND(87)	ND(0.37)	ND(0.35)	ND(0.38)
Hexachloroethane	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Hexachlorophene	ND(0.78)	ND(1.1)	ND(360) J	ND(0.75)	ND(0.71)	ND(0.76)
Hexachloropropene	ND(0.39) J	ND(0.57) J	ND(180)	ND(0.37) J	ND(0.35)	ND(0.38)
Indeno(1,2,3-cd)pyrene	4.6	0.57	49	12	ND(0.35)	ND(0.38)
Isodrin	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Isophorone	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Isosafrole	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71) J	ND(0.76) J
Methapyrilene	ND(0.78) J	ND(0.88) J	ND(87)	ND(0.75) J	ND(0.71) J	ND(0.76) J
Methyl Methanesulfonate	ND(0.39) J	ND(0.57) J	ND(18)	ND(0.37) J	ND(0.35)	ND(0.38)
Naphthalene	2.5	0.19 J	20	0.52	ND(0.35)	ND(0.38)
Nitrobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
N-Nitrosodiethylamine	ND(0.39) J	ND(0.57) J	ND(18)	ND(0.37) J	ND(0.35)	ND(0.38)
N-Nitrosodimethylamine	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
N-Nitrosomethylethylamine	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
N-Nitrosomorpholine	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
N-Nitrosopiperidine	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
N-Nitrosopyrrolidine	ND(0.78)	ND(0.88)	ND(18)	ND(0.75)	ND(0.71)	ND(0.76)
o,o,o-Triethylphosphorothioate	ND(0.39)	ND(0.57)	ND(87)	ND(0.37)	ND(0.35)	ND(0.38)
o-Toluidine	ND(0.39)	ND(0.57)	ND(36)	ND(0.37)	ND(0.35)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.88)	ND(36)	ND(0.75)	ND(0.71) J	ND(0.76) J
Pentachlorobenzene	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Pentachloroethane	ND(0.39) J	ND(0.57) J	ND(87)	ND(0.37) J	ND(0.35)	ND(0.38)
Pentachloronitrobenzene	ND(0.78) J	ND(0.88) J	ND(87)	ND(0.75) J	ND(0.71)	ND(0.76)
Pentachlorophenol	ND(2.0)	ND(2.8)	ND(87)	ND(1.9)	ND(1.8)	ND(1.9)
Phenacetin	ND(0.78) J	ND(0.88) J	ND(36)	ND(0.75) J	ND(0.71)	ND(0.76)
Phenanthrene	37	3.2	300	39	0.34 J	0.078 J
Phenol	ND(0.39)	ND(0.57)	ND(18)	ND(0.37)	ND(0.35)	ND(0.38)
Pronamide	ND(0.39)	ND(0.57)	ND(36)	ND(0.37)	ND(0.35)	ND(0.38)
Pyrene	43	4.5	360	97	0.42	0.16 J
Pyridine	ND(0.39)	ND(0.57)	ND(36)	ND(0.37)	ND(0.35)	ND(0.38)
Safrole	ND(0.39)	ND(0.57)	ND(36)	ND(0.37)	ND(0.35)	ND(0.38)
Thionazin	ND(0.39)	ND(0.57)	ND(87)	ND(0.37)	ND(0.35)	ND(0.38)
Furans						
2,3,7,8-TCDF	NA	NA	0.000050	NA	NA	NA
TCDFs (total)	NA	NA	ND(0.00068) X	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	0.000038 J	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	0.000045 J	NA	NA	NA
PeCDFs (total)	NA	NA	ND(0.0013) XJ	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.00029 J	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00016) XJ	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.000013) XJ	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.000018) XJ	NA	NA	NA
HxCDFs (total)	NA	NA	ND(0.0012) XJ	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00015 J	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.00013 J	NA	NA	NA
HpCDFs (total)	NA	NA	ND(0.00044) XJ	NA	NA	NA
OCDF	NA	NA	0.00022 J	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E7SE	RAA15-E7SW	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NENE
Sample Depth(Feet):	0-1	0-1	1-3	1-3	1-3	1-3
Parameter Date Collected:	05/04/04	05/04/04	02/26/03	05/04/04	09/16/04	09/16/04
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.0000079)	NA	NA	NA
TCDDs (total)	NA	NA	ND(0.0000064) X	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	ND(0.00063) XJ	NA	NA	NA
PeCDDs (total)	NA	NA	ND(0.0023) XJ	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000057) XJ	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000086) XJ	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000076) XJ	NA	NA	NA
HxCDDs (total)	NA	NA	ND(0.0013) XJ	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000069 J	NA	NA	NA
HpCDDs (total)	NA	NA	0.00019 J	NA	NA	NA
OCDD	NA	NA	0.00061	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	0.00039	NA	NA	NA
Inorganics						
Antimony	NA	NA	ND(6.50) J	NA	NA	NA
Arsenic	NA	NA	4.40	NA	NA	NA
Barium	NA	NA	31.2	NA	NA	NA
Beryllium	NA	NA	ND(0.330)	NA	NA	NA
Cadmium	NA	NA	0.390 B	NA	NA	NA
Chromium	NA	NA	9.60	NA	NA	NA
Cobalt	NA	NA	7.00	NA	NA	NA
Copper	NA	NA	34.2	NA	NA	NA
Cyanide	NA	NA	0.210 B	NA	NA	NA
Lead	NA	NA	53.4	NA	NA	NA
Mercury	NA	NA	0.130	NA	NA	NA
Nickel	NA	NA	12.2 J	NA	NA	NA
Selenium	NA	NA	6.20 J	NA	NA	NA
Silver	NA	NA	1.20	NA	NA	NA
Sulfide	NA	NA	ND(10.8)	NA	NA	NA
Thallium	NA	NA	ND(1.10)	NA	NA	NA
Tin	NA	NA	ND(10.6)	NA	NA	NA
Vanadium	NA	NA	10.6	NA	NA	NA
Zinc	NA	NA	105	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E8NW	RAA15-E8NWNE	RAA15-E8NWNW	RAA15-E8SE	RAA15-E8SW	RAA15-E11
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	0-1
Parameter Date Collected:	05/04/04	09/16/04	09/16/04	05/04/04	05/04/04	02/21/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	ND(0.0060)
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	ND(0.0060)
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	ND(0.0060)
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	ND(0.0060)
1,1-Dichloroethane	NA	NA	NA	NA	NA	ND(0.0060)
1,1-Dichloroethene	NA	NA	NA	NA	NA	ND(0.0060)
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	ND(0.0060)
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA	ND(0.0060)
1,2-Dibromoethane	NA	NA	NA	NA	NA	ND(0.0060)
1,2-Dichloroethane	NA	NA	NA	NA	NA	ND(0.0060)
1,2-Dichloropropane	NA	NA	NA	NA	NA	ND(0.0060)
1,4-Dioxane	NA	NA	NA	NA	NA	ND(1.2) J
2-Butanone	NA	NA	NA	NA	NA	ND(0.0060)
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA	ND(0.0060)
2-Chloroethylvinylether	NA	NA	NA	NA	NA	ND(0.012) J
2-Hexanone	NA	NA	NA	NA	NA	ND(0.024)
3-Chloropropene	NA	NA	NA	NA	NA	ND(0.0060)
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	ND(0.024)
Acetone	NA	NA	NA	NA	NA	ND(0.024)
Acetonitrile	NA	NA	NA	NA	NA	ND(0.12) J
Acrolein	NA	NA	NA	NA	NA	ND(0.12) J
Acrylonitrile	NA	NA	NA	NA	NA	ND(0.12)
Benzene	NA	NA	NA	NA	NA	ND(0.0060)
Bromodichloromethane	NA	NA	NA	NA	NA	ND(0.0060)
Bromoform	NA	NA	NA	NA	NA	ND(0.0060)
Bromomethane	NA	NA	NA	NA	NA	ND(0.0060)
Carbon Disulfide	NA	NA	NA	NA	NA	ND(0.0060)
Carbon Tetrachloride	NA	NA	NA	NA	NA	ND(0.0060)
Chlorobenzene	NA	NA	NA	NA	NA	ND(0.0060)
Chloroethane	NA	NA	NA	NA	NA	ND(0.012)
Chloroform	NA	NA	NA	NA	NA	ND(0.0060)
Chloromethane	NA	NA	NA	NA	NA	ND(0.0060)
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	ND(0.0060)
Dibromochloromethane	NA	NA	NA	NA	NA	ND(0.0060)
Dibromomethane	NA	NA	NA	NA	NA	ND(0.0060)
Dichlorodifluoromethane	NA	NA	NA	NA	NA	ND(0.0060)
Ethyl Methacrylate	NA	NA	NA	NA	NA	ND(0.0060)
Ethylbenzene	NA	NA	NA	NA	NA	ND(0.0060)
Iodomethane	NA	NA	NA	NA	NA	ND(0.0060)
Isobutanol	NA	NA	NA	NA	NA	ND(0.24) J
Methacrylonitrile	NA	NA	NA	NA	NA	ND(0.0060)
Methyl Methacrylate	NA	NA	NA	NA	NA	ND(0.0060)
Methylene Chloride	NA	NA	NA	NA	NA	0.0010 J
Propionitrile	NA	NA	NA	NA	NA	ND(0.012) J
Styrene	NA	NA	NA	NA	NA	ND(0.0060)
Tetrachloroethene	NA	NA	NA	NA	NA	ND(0.0060)
Toluene	NA	NA	NA	NA	NA	ND(0.0060)
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	ND(0.0060)
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	ND(0.0060)
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	ND(0.0060)
Trichloroethene	NA	NA	NA	NA	NA	ND(0.0060)
Trichlorofluoromethane	NA	NA	NA	NA	NA	ND(0.0060) J
Vinyl Acetate	NA	NA	NA	NA	NA	ND(0.0060)
Vinyl Chloride	NA	NA	NA	NA	NA	ND(0.012)
Xylenes (total)	NA	NA	NA	NA	NA	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	5.3	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
1,2,4-Trichlorobenzene	0.10 J	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
1,2-Dichlorobenzene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
1,2-Diphenylhydrazine	ND(0.40) J	ND(0.36)	ND(0.35)	ND(0.38) J	ND(0.38) J	ND(2.0)
1,3,5-Trinitrobenzene	ND(0.40)	ND(0.36) J	ND(0.35) J	ND(0.38)	ND(0.38)	ND(9.5)
1,3-Dichlorobenzene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E8NW	RAA15-E8NWNE	RAA15-E8NWNW	RAA15-E8SE	RAA15-E8SW	RAA15-E11
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	0-1
Parameter Date Collected:	05/04/04	09/16/04	09/16/04	05/04/04	05/04/04	02/21/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.80) J	ND(0.72)	ND(0.70)	ND(0.76) J	ND(0.76) J	ND(2.0)
1,4-Dichlorobenzene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
1,4-Naphthoquinone	ND(0.80) J	ND(0.72) J	ND(0.70) J	ND(0.76) J	ND(0.76) J	ND(9.5)
1-Naphthylamine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
2,3,4,6-Tetrachlorophenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,4,5-Trichlorophenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,4,6-Trichlorophenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,4-Dichlorophenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,4-Dimethylphenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,4-Dinitrophenol	ND(2.0)	ND(1.8) J	ND(1.8) J	ND(1.9)	ND(1.9)	ND(9.5)
2,4-Dinitrotoluene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,6-Dichlorophenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2,6-Dinitrotoluene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2-Acetylaminofluorene	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(3.9)
2-Chloronaphthalene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2-Chlorophenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2-Methylnaphthalene	2.0	ND(0.36)	ND(0.35)	ND(0.38)	1.3	ND(2.0)
2-Methylphenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
2-Naphthylamine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
2-Nitroaniline	ND(2.0) J	ND(1.8)	ND(1.8)	ND(1.9) J	ND(1.9) J	ND(9.5)
2-Nitrophenol	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
2-Picoline	ND(0.40)	ND(0.36)	0.076 J	ND(0.38)	ND(0.38)	ND(3.9)
3&4-Methylphenol	ND(0.80)	ND(0.72)	0.28 J	ND(0.76)	ND(0.76)	ND(3.9)
3,3'-Dichlorobenzidine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(9.5)
3,3'-Dimethylbenzidine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(9.5)
3-Methylcholanthrene	ND(0.80)	ND(0.72) J	ND(0.70) J	ND(0.76)	ND(0.76)	ND(9.5)
3-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.9)	ND(9.5)
4,6-Dinitro-2-methylphenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(9.5)
4-Aminobiphenyl	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(9.5)
4-Bromophenyl-phenylether	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
4-Chloro-3-Methylphenol	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
4-Chloroaniline	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
4-Chlorobenzilate	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
4-Chlorophenyl-phenylether	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
4-Nitroaniline	ND(2.0) J	ND(1.8)	ND(1.8)	ND(1.9) J	ND(1.9) J	ND(9.5)
4-Nitrophenol	ND(2.0) J	ND(1.8) J	ND(1.8) J	ND(1.9) J	ND(1.9) J	ND(9.5)
4-Nitroquinoline-1-oxide	ND(0.80) J	ND(0.72) J	ND(0.70) J	ND(0.76) J	ND(0.76) J	ND(20)
4-Phenylenediamine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(39)
5-Nitro-o-toluidine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(3.9)
7,12-Dimethylbenz(a)anthracene	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(3.9)
a,a'-Dimethylphenethylamine	ND(0.80) J	ND(0.72)	ND(0.70)	ND(0.76) J	ND(0.76) J	ND(9.5)
Acenaphthene	13	ND(0.36)	2.8	0.11 J	7.2	ND(2.0)
Acenaphthylene	0.74	ND(0.36)	4.0	0.083 J	2.2	ND(2.0)
Acetophenone	ND(0.40)	ND(0.36)	0.16 J	ND(0.38)	ND(0.38)	ND(2.0)
Aniline	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Anthracene	30	ND(0.36)	14	0.55	18	0.30 J
Aramite	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(9.5)
Benzidine	ND(0.80) J	ND(0.72) J	ND(0.70) J	ND(0.76) J	ND(0.76) J	ND(20)
Benzo(a)anthracene	100	0.10 J	27	2.2	33	1.4 J
Benzo(a)pyrene	38	ND(0.36)	14	1.3	15	1.3 J
Benzo(b)fluoranthene	37	ND(0.36)	11	1.1	14	1.3 J
Benzo(g,h,i)perylene	18	ND(0.36)	4.5	0.70	6.7	0.42 J
Benzo(k)fluoranthene	38	0.092 J	16	1.4	22	1.3 J
Benzyl Alcohol	ND(0.80) J	ND(0.72)	ND(0.70)	ND(0.76) J	ND(0.76) J	ND(2.0)
bis(2-Chloroethoxy)methane	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
bis(2-Chloroethyl)ether	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
bis(2-Chloroisopropyl)ether	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.36)	ND(0.35)	ND(0.37)	1.2	ND(2.0)
Butylbenzylphthalate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Chrysene	98	0.13 J	29	2.1	33	1.5 J
Diallate	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(3.9)
Dibenzo(a,h)anthracene	6.1	ND(0.36)	1.7	0.26 J	2.6	ND(2.0)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E8NW	RAA15-E8NWNE	RAA15-E8NWNW	RAA15-E8SE	RAA15-E8SW	RAA15-E11
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	0-1
Parameter Date Collected:	05/04/04	09/16/04	09/16/04	05/04/04	05/04/04	02/21/03
Semivolatile Organics (continued)						
Dibenzofuran	6.3	ND(0.36)	4.3	ND(0.38)	3.9	ND(2.0)
Diethylphthalate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Dimethylphthalate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Di-n-Butylphthalate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Di-n-Octylphthalate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Diphenylamine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Ethyl Methanesulfonate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Fluoranthene	270	0.26 J	74	4.2	150	3.0
Fluorene	14	ND(0.36)	6.3	0.14 J	7.5	ND(2.0)
Hexachlorobenzene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Hexachlorobutadiene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Hexachlorocyclopentadiene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(9.5)
Hexachloroethane	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Hexachlorophene	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(40) J
Hexachloropropene	ND(0.40) J	ND(0.36)	ND(0.35)	ND(0.38) J	ND(0.38) J	ND(20)
Indeno(1,2,3-cd)pyrene	17	ND(0.36)	4.6	0.63	6.6	0.53 J
Isodrin	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Isophorone	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Isosafrole	ND(0.80)	ND(0.72) J	ND(0.70) J	ND(0.76)	ND(0.76)	ND(3.9)
Methapyrilene	ND(0.80) J	ND(0.72) J	ND(0.70) J	ND(0.76) J	ND(0.76) J	ND(9.5)
Methyl Methanesulfonate	ND(0.40) J	ND(0.36)	ND(0.35)	ND(0.38) J	ND(0.38) J	ND(2.0)
Naphthalene	6.9	ND(0.36)	3.2	ND(0.38)	3.7	ND(2.0)
Nitrobenzene	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
N-Nitrosodiethylamine	ND(0.40) J	ND(0.36)	ND(0.35)	ND(0.38) J	ND(0.38) J	ND(2.0)
N-Nitrosodimethylamine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
N-Nitroso-di-n-butylamine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
N-Nitroso-di-n-propylamine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
N-Nitrosodiphenylamine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
N-Nitrosomethylethylamine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
N-Nitrosomorpholine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
N-Nitrosopiperidine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
N-Nitrosopyrrolidine	ND(0.80)	ND(0.72)	ND(0.70)	ND(0.76)	ND(0.76)	ND(2.0)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(9.5)
o-Toluidine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(3.9)
p-Dimethylaminoazobenzene	ND(0.80)	ND(0.72) J	ND(0.70) J	ND(0.76)	ND(0.76)	ND(3.9)
Pentachlorobenzene	0.37 J	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(2.0)
Pentachloroethane	ND(0.40) J	ND(0.36)	ND(0.35)	ND(0.38) J	ND(0.38) J	ND(9.5)
Pentachloronitrobenzene	ND(0.80) J	ND(0.72)	ND(0.70)	ND(0.76) J	ND(0.76) J	ND(9.5)
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.9)	ND(9.5)
Phenacetin	ND(0.80) J	ND(0.72)	ND(0.70)	ND(0.76) J	ND(0.76) J	ND(3.9)
Phenanthrene	150	0.15 J	57	1.9	64	1.1 J
Phenol	ND(0.40)	ND(0.36)	0.24 J	ND(0.38)	ND(0.38)	ND(2.0)
Pronamide	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(3.9)
Pyrene	200	0.22 J	59	3.5	71	2.0
Pyridine	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(3.9)
Safrole	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(3.9)
Thionazin	ND(0.40)	ND(0.36)	ND(0.35)	ND(0.38)	ND(0.38)	ND(9.5)
Furans						
2,3,7,8-TCDF	NA	NA	NA	NA	NA	ND(0.000018) X
TCDFs (total)	NA	NA	NA	NA	NA	ND(0.00016) X
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	0.000011
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	ND(0.000015) X
PeCDFs (total)	NA	NA	NA	NA	NA	ND(0.00038) X
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	0.000033
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.000044) X
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	0.0000011 J
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	0.0000062
HxCDFs (total)	NA	NA	NA	NA	NA	ND(0.00031) X
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	0.000031
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	0.0000097
HpCDFs (total)	NA	NA	NA	NA	NA	0.000065
OCDF	NA	NA	NA	NA	NA	0.000040

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E8NW	RAA15-E8NWNE	RAA15-E8NWNW	RAA15-E8SE	RAA15-E8SW	RAA15-E11
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3	0-1
Parameter Date Collected:	05/04/04	09/16/04	09/16/04	05/04/04	05/04/04	02/21/03
Dioxins						
2,3,7,8-TCDD	NA	NA	NA	NA	NA	ND(0.00000032)
TCDDs (total)	NA	NA	NA	NA	NA	ND(0.0000024) X
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	ND(0.0000013) X
PeCDDs (total)	NA	NA	NA	NA	NA	ND(0.0000079) X
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	ND(0.00000069) X
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	ND(0.0000011) X
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	ND(0.00000091) X
HxCDDs (total)	NA	NA	NA	NA	NA	ND(0.000032) X
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	0.000014
HpCDDs (total)	NA	NA	NA	NA	NA	0.000029
OCDD	NA	NA	NA	NA	NA	0.00012
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	0.000013
Inorganics						
Antimony	NA	NA	NA	NA	NA	ND(7.20)
Arsenic	NA	NA	NA	NA	NA	1.70
Barium	NA	NA	NA	NA	NA	15.2 B
Beryllium	NA	NA	NA	NA	NA	ND(0.600)
Cadmium	NA	NA	NA	NA	NA	0.240 B
Chromium	NA	NA	NA	NA	NA	5.50
Cobalt	NA	NA	NA	NA	NA	3.60 B
Copper	NA	NA	NA	NA	NA	15.0
Cyanide	NA	NA	NA	NA	NA	ND(0.600)
Lead	NA	NA	NA	NA	NA	14.3
Mercury	NA	NA	NA	NA	NA	0.0250 B
Nickel	NA	NA	NA	NA	NA	7.20
Selenium	NA	NA	NA	NA	NA	ND(0.600)
Silver	NA	NA	NA	NA	NA	ND(1.20)
Sulfide	NA	NA	NA	NA	NA	ND(11.9)
Thallium	NA	NA	NA	NA	NA	ND(1.20) J
Tin	NA	NA	NA	NA	NA	ND(4.70)
Vanadium	NA	NA	NA	NA	NA	5.50 B
Zinc	NA	NA	NA	NA	NA	45.2

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E15N	RAA15-E15N	RAA15-E15N	RAA15-E15N
Sample Depth(Feet):	4-6	3-6	0-1	1-3	3-6	4-6
Parameter Date Collected:	02/27/03	02/27/03	05/04/04	05/04/04	05/04/04	05/04/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1,1-Trichloroethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1,2,2-Tetrachloroethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1,2-Trichloroethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1-Dichloroethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1-Dichloroethene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2,3-Trichloropropane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dibromo-3-chloropropane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dibromoethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dichloroethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dichloropropane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,4-Dioxane	ND(1.1) J	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
2-Butanone	ND(0.0054) J	NA	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
2-Chloroethylvinylether	ND(0.011) J	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
2-Hexanone	ND(0.021)	NA	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)
3-Chloropropene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
4-Methyl-2-pentanone	ND(0.021)	NA	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.021) J	NA	ND(0.022) [ND(0.022)]	ND(0.022)	NA	ND(0.022)
Acetonitrile	ND(0.11) J	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
Acrolein	ND(0.11) J	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
Acrylonitrile	ND(0.11)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Benzene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Bromodichloromethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Bromoform	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Bromomethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Carbon Disulfide	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Carbon Tetrachloride	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chlorobenzene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chloroethane	ND(0.011) J	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chloroform	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chloromethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
cis-1,3-Dichloropropene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Dibromochloromethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Dibromomethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Dichlorodifluoromethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Ethyl Methacrylate	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Ethylbenzene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Iodomethane	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Isobutanol	ND(0.21) J	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
Methacrylonitrile	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Methyl Methacrylate	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Methylene Chloride	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Propionitrile	ND(0.011)	NA	ND(0.011) J [ND(0.011) J]	ND(0.011) J	NA	ND(0.011) J
Styrene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Toluene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
trans-1,2-Dichloroethene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
trans-1,3-Dichloropropene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
trans-1,4-Dichloro-2-butene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Trichloroethene	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Trichlorofluoromethane	ND(0.0054) J	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Vinyl Acetate	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Vinyl Chloride	ND(0.011)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Xylenes (total)	ND(0.0054)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,2,4-Trichlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,2-Dichlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,2-Diphenylhydrazine	NA	ND(1.4)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
1,3,5-Trinitrobenzene	NA	ND(6.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,3-Dichlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E15N	RAA15-E15N	RAA15-E15N	RAA15-E15N
Sample Depth(Feet):	4-6	3-6	0-1	1-3	3-6	4-6
Parameter Date Collected:	02/27/03	02/27/03	05/04/04	05/04/04	05/04/04	05/04/04
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	NA	ND(1.4)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
1,4-Dichlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,4-Naphthoquinone	NA	ND(6.9)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
1-Naphthylamine	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4,5-Trichlorophenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4,6-Trichlorophenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4-Dichlorophenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4-Dimethylphenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4-Dinitrophenol	NA	ND(6.9)	ND(1.9)	ND(1.9)	ND(1.9)	NA
2,4-Dinitrotoluene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,6-Dichlorophenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,6-Dinitrotoluene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Acetylaminofluorene	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
2-Chloronaphthalene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Chlorophenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Methylnaphthalene	NA	0.16 J	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Methylphenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Naphthylamine	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
2-Nitroaniline	NA	ND(6.9)	ND(1.9) J	ND(1.9) J	ND(1.9) J	NA
2-Nitrophenol	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
2-Picoline	NA	ND(2.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
3&4-Methylphenol	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
3,3'-Dichlorobenzidine	NA	ND(6.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
3,3'-Dimethylbenzidine	NA	ND(6.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
3-Methylcholanthrene	NA	ND(6.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
3-Nitroaniline	NA	ND(6.9)	ND(1.9)	ND(1.9)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	NA	ND(6.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Aminobiphenyl	NA	ND(6.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
4-Bromophenyl-phenylether	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Chloro-3-Methylphenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Chloroaniline	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Chlorobenzilate	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
4-Chlorophenyl-phenylether	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Nitroaniline	NA	ND(6.9)	ND(1.9) J	ND(1.9) J	ND(1.9) J	NA
4-Nitrophenol	NA	ND(6.9)	ND(1.9) J	ND(1.9) J	ND(1.9) J	NA
4-Nitroquinoline-1-oxide	NA	ND(14)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
4-Phenylenediamine	NA	ND(29)	ND(0.75)	ND(0.74)	ND(0.74)	NA
5-Nitro-o-toluidine	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
a,a'-Dimethylphenethylamine	NA	ND(6.9)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Acenaphthene	NA	0.89 J	0.15 J	0.43	0.20 J	NA
Acenaphthylene	NA	0.21 J	0.10 J	0.16 J	ND(0.37)	NA
Acetophenone	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Aniline	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Anthracene	NA	2.2	0.31 J	1.3	0.39	NA
Aramite	NA	ND(6.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Benzidine	NA	ND(14)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Benzo(a)anthracene	NA	4.8	0.85	3.4	0.65	NA
Benzo(a)pyrene	NA	4.7	0.50	1.6	0.38	NA
Benzo(b)fluoranthene	NA	4.1	0.52	1.7	0.34 J	NA
Benzo(g,h,i)perylene	NA	3.3	0.34 J	0.85	0.24 J	NA
Benzo(k)fluoranthene	NA	3.5	0.50	1.6	0.36 J	NA
Benzyl Alcohol	NA	ND(1.4)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
bis(2-Chloroethoxy)methane	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
bis(2-Chloroethyl)ether	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
bis(2-Chloroisopropyl)ether	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(1.4)	ND(0.37)	ND(0.36)	ND(0.36)	NA
Butylbenzylphthalate	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Chrysene	NA	5.2	0.88	3.1	0.65	NA
Diallate	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Dibenzo(a,h)anthracene	NA	1.1 J	0.10 J	0.29 J	ND(0.37)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E15N	RAA15-E15N	RAA15-E15N	RAA15-E15N
Sample Depth(Feet):	4-6	3-6	0-1	1-3	3-6	4-6
Parameter Date Collected:	02/27/03	02/27/03	05/04/04	05/04/04	05/04/04	05/04/04
Semivolatile Organics (continued)						
Dibenzofuran	NA	0.44 J	ND(0.37)	0.27 J	0.13 J	NA
Diethylphthalate	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Dimethylphthalate	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Di-n-Butylphthalate	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Di-n-Octylphthalate	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Diphenylamine	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Ethyl Methanesulfonate	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Fluoranthene	NA	11	2.1	9.2	1.6	NA
Fluorene	NA	0.81 J	0.12 J	0.45	0.16 J	NA
Hexachlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachlorobutadiene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachlorocyclopentadiene	NA	ND(6.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachloroethane	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachlorophene	NA	ND(29) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
Hexachloropropene	NA	ND(14)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
Indeno(1,2,3-cd)pyrene	NA	3.4	0.30 J	0.78	0.19 J	NA
Isodrin	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Isophorone	NA	1.3 J	ND(0.37)	ND(0.37)	ND(0.37)	NA
Isosafrole	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Methapyrilene	NA	ND(6.9)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Methyl Methanesulfonate	NA	ND(1.4)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
Naphthalene	NA	0.29 J	ND(0.37)	0.27 J	0.12 J	NA
Nitrobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosodiethylamine	NA	ND(1.4)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
N-Nitrosodimethylamine	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitroso-di-n-butylamine	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
N-Nitroso-di-n-propylamine	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosodiphenylamine	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosomethylethylamine	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
N-Nitrosomorpholine	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosopiperidine	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosopyrrolidine	NA	ND(1.4)	ND(0.75)	ND(0.74)	ND(0.74)	NA
o,o,o-Triethylphosphorothioate	NA	ND(6.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
o-Toluidine	NA	ND(2.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
p-Dimethylaminoazobenzene	NA	ND(2.9)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Pentachlorobenzene	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Pentachloroethane	NA	ND(6.9)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
Pentachloronitrobenzene	NA	ND(6.9)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Pentachlorophenol	NA	ND(6.9)	ND(1.9)	ND(1.9)	ND(1.9)	NA
Phenacetin	NA	ND(2.9)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Phenanthrene	NA	8.9	1.3	4.7	1.4	NA
Phenol	NA	ND(1.4)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Pronamide	NA	ND(2.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Pyrene	NA	9.4	1.7	6.8	1.4	NA
Pyridine	NA	ND(2.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Safrole	NA	ND(2.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Thionazin	NA	ND(6.9)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Furans						
2,3,7,8-TCDF	NA	ND(0.000012) X	0.0000087 Y	0.0000071 Y	0.0000095 Y	NA
TCDFs (total)	NA	ND(0.00028) X	0.00016 Q	0.000081 QI	0.00011 QI	NA
1,2,3,7,8-PeCDF	NA	0.0000044 J	0.0000079 Q	0.0000036 Q	0.0000048	NA
2,3,4,7,8-PeCDF	NA	ND(0.0000076) X	0.000030 Q	0.000017 Q	0.000013	NA
PeCDFs (total)	NA	ND(0.00071) X	0.00021 QI	0.00010 QI	0.00010 QI	NA
1,2,3,4,7,8-HxCDF	NA	0.0000084 J	0.000026	0.000012	0.000015	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.000093) X	0.000015	0.0000070	0.0000068	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000051)	0.0000044 Q	0.0000020 JQ	0.0000049 Q	NA
2,3,4,6,7,8-HxCDF	NA	0.0000081 J	0.000027	0.000018	0.000011	NA
HxCDFs (total)	NA	ND(0.00051) X	0.00047 QI	0.00024 Q	0.00019 Q	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000025 J	0.000046	0.000027	0.000033	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000038 J	0.0000091	0.0000048	0.0000051	NA
HpCDFs (total)	NA	0.000065	0.00010	0.000072	0.000084	NA
OCDF	NA	0.000025 J	0.000042	0.000026	0.000042	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2					
Sample ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E15N	RAA15-E15N	RAA15-E15N	RAA15-E15N
Sample Depth(Feet):	4-6	3-6	0-1	1-3	3-6	4-6
Parameter Date Collected:	02/27/03	02/27/03	05/04/04	05/04/04	05/04/04	05/04/04
Dioxins						
2,3,7,8-TCDD	NA	ND(0.0000011)	0.00000039 J	0.00000034 JQ	0.00000039 J	NA
TCDDs (total)	NA	ND(0.0000011)	0.0000038 Q	0.0000014 Q	0.0000091	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000014) X	ND(0.00000083) X	0.0000028 Q	0.0000044	NA
PeCDDs (total)	NA	ND(0.000011) X	0.000010 Q	0.000017 Q	0.000071 Q	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000076) X	0.0000015 J	0.0000018 J	0.0000050	NA
1,2,3,6,7,8-HxCDD	NA	0.0000026 J	0.0000021 J	0.0000067	0.000015	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000020) X	0.0000019 J	0.0000042	0.0000097	NA
HxCDDs (total)	NA	ND(0.000026) X	0.000021	0.000059 Q	0.00015	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000025 J	0.000017	0.000053	0.000055	NA
HpCDDs (total)	NA	0.000047 J	0.000034	0.00011	0.00015	NA
OCDD	NA	0.00021	0.00015	0.00032	0.00030	NA
Total TEQs (WHO TEFs)	NA	0.000011	0.000026	0.000019	0.000020	NA
Inorganics						
Antimony	NA	ND(6.50) J	1.90 J	1.20 J	1.60 J	NA
Arsenic	NA	7.40	4.50	4.40	7.70	NA
Barium	NA	54.1	47.0	42.0	140	NA
Beryllium	NA	0.470 B	0.200 B	0.210 B	0.210 B	NA
Cadmium	NA	ND(0.540)	0.480 B	0.540	1.00	NA
Chromium	NA	11.3	6.90	6.80	10.0	NA
Cobalt	NA	7.70	4.40 B	4.70 B	6.20	NA
Copper	NA	30.5	18.0	52.0	96.0	NA
Cyanide	NA	0.220 B	0.0430 B	0.0800 B	0.100 B	NA
Lead	NA	79.5	23.0	27.0	200	NA
Mercury	NA	0.270	0.0360 B	0.260	0.260	NA
Nickel	NA	15.5	7.70	10.0	14.0	NA
Selenium	NA	ND(0.540)	0.670 J	ND(1.00) J	ND(1.00) J	NA
Silver	NA	ND(1.10)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	NA	ND(10.8)	970	7.00	16.0	NA
Thallium	NA	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	NA
Tin	NA	ND(10.8)	ND(10)	ND(10)	ND(10)	NA
Vanadium	NA	13.9	7.90	9.20	11.0	NA
Zinc	NA	93.0 J	35.0	49.0	180	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2						
Sample ID:	RAA15-E15N	RAA15-E15N	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04	05/03/04	05/03/04
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,1,1-Trichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,1,2,2-Tetrachloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,1,2-Trichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,1-Dichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,1-Dichloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,2,3-Trichloropropane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,2-Dibromo-3-chloropropane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,2-Dibromoethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,2-Dichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,2-Dichloropropane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
1,4-Dioxane	NA	ND(0.11) J	ND(0.12) J	NA	NA	ND(0.14) J	ND(0.11) J
2-Butanone	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	ND(0.014)
2-Chloro-1,3-butadiene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
2-Chloroethylvinylether	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
2-Hexanone	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	ND(0.014)
3-Chloropropene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA	ND(0.011)	ND(0.014)
Acetone	NA	ND(0.022)	ND(0.023)	ND(0.022)	NA	ND(0.022)	ND(0.027)
Acetonitrile	NA	ND(0.11) J	ND(0.12) J	NA	NA	ND(0.14) J	ND(0.11) J
Acrolein	NA	ND(0.11) J	ND(0.12) J	NA	NA	ND(0.14) J	ND(0.11) J
Acrylonitrile	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Benzene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Bromodichloromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Bromoform	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Bromomethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Carbon Disulfide	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Carbon Tetrachloride	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Chlorobenzene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Chloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Chloroform	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Chloromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
cis-1,3-Dichloropropene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Dibromochloromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Dibromomethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Dichlorodifluoromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Ethyl Methacrylate	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Ethylbenzene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Iodomethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Isobutanol	NA	ND(0.11) J	ND(0.12) J	NA	NA	ND(0.14) J	ND(0.11) J
Methacrylonitrile	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Methyl Methacrylate	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Methylene Chloride	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Propionitrile	NA	ND(0.011) J	ND(0.012) J	NA	NA	ND(0.014) J	ND(0.011) J
Styrene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Tetrachloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Toluene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
trans-1,2-Dichloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
trans-1,3-Dichloropropene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
trans-1,4-Dichloro-2-butene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Trichloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Trichlorofluoromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Vinyl Acetate	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Vinyl Chloride	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Xylenes (total)	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)	ND(0.0068)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
1,2,4-Trichlorobenzene	NA	NA	ND(0.39)	ND(0.37) J	ND(0.50)	NA	NA
1,2-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
1,2-Diphenylhydrazine	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J	NA	NA
1,3,5-Trinitrobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
1,3-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2						
Sample ID:	RAA15-E15N	RAA15-E15N	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04	05/03/04	05/03/04
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
1,4-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
1,4-Naphthoquinone	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
1-Naphthylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,4,5-Trichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,4,6-Trichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,4-Dichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,4-Dimethylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,4-Dinitrophenol	NA	NA	ND(2.0)	ND(1.9)	ND(2.5)	NA	NA
2,4-Dinitrotoluene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,6-Dichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2,6-Dinitrotoluene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2-Acetylaminofluorene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
2-Chloronaphthalene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2-Chlorophenol	NA	NA	ND(0.39)	ND(0.37) J	ND(0.50)	NA	NA
2-Methylnaphthalene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2-Methylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
2-Naphthylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
2-Nitroaniline	NA	NA	ND(2.0) J	ND(1.9) J	ND(0.050) J	NA	NA
2-Nitrophenol	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
2-Picoline	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
3&4-Methylphenol	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
3,3'-Dichlorobenzidine	NA	NA	ND(0.78)	ND(0.75)	ND(1.0)	NA	NA
3,3'-Dimethylbenzidine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
3-Methylcholanthrene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
3-Nitroaniline	NA	NA	ND(2.0)	ND(1.9)	ND(2.5)	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
4-Aminobiphenyl	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
4-Bromophenyl-phenylether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
4-Chloro-3-Methylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
4-Chloroaniline	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
4-Chlorobenzilate	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
4-Chlorophenyl-phenylether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
4-Nitroaniline	NA	NA	ND(2.0) J	ND(1.9) J	ND(0.050) J	NA	NA
4-Nitrophenol	NA	NA	ND(2.0) J	ND(1.9) J	ND(0.050) J	NA	NA
4-Nitroquinoline-1-oxide	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
4-Phenylenediamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
5-Nitro-o-toluidine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
Acenaphthene	NA	NA	0.12 J	0.12 J	ND(0.50)	NA	NA
Acenaphthylene	NA	NA	0.085 J	ND(0.37)	ND(0.50)	NA	NA
Acetophenone	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Aniline	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Anthracene	NA	NA	0.39	0.40	0.28 J	NA	NA
Aramite	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
Benzidine	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.020) J	NA	NA
Benzo(a)anthracene	NA	NA	1.0	0.77	0.84	NA	NA
Benzo(a)pyrene	NA	NA	0.62	0.36 J	0.43 J	NA	NA
Benzo(b)fluoranthene	NA	NA	0.65	0.36 J	0.38 J	NA	NA
Benzo(g,h,i)perylene	NA	NA	0.36 J	0.21 J	0.21 J	NA	NA
Benzo(k)fluoranthene	NA	NA	0.67	0.38	0.41 J	NA	NA
Benzyl Alcohol	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.020) J	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
bis(2-Chloroethyl)ether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.38)	ND(0.37)	ND(0.38)	NA	NA
Butylbenzylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Chrysene	NA	NA	1.0	0.77	0.83	NA	NA
Diallate	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
Dibenzo(a,h)anthracene	NA	NA	0.13 J	ND(0.37)	ND(0.50)	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2						
Sample ID:	RAA15-E15N	RAA15-E15N	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04	05/03/04	05/03/04
Semivolatile Organics (continued)							
Dibenzofuran	NA	NA	0.081 J	0.074 J	ND(0.50)	NA	NA
Diethylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Dimethylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Di-n-Butylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Di-n-Octylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Diphenylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Fluoranthene	NA	NA	2.6	2.0	2.1	NA	NA
Fluorene	NA	NA	0.13 J	0.16 J	ND(0.50)	NA	NA
Hexachlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Hexachlorobutadiene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Hexachlorocyclopentadiene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Hexachloroethane	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Hexachlorophene	NA	NA	ND(0.78)	ND(0.75)	ND(1.0)	NA	NA
Hexachloropropene	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	0.31 J	0.19 J	0.20 J	NA	NA
Isodrin	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Isophorone	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Isosafrole	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
Methapyrilene	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
Methyl Methanesulfonate	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J	NA	NA
Naphthalene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Nitrobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
N-Nitrosodiethylamine	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J	NA	NA
N-Nitrosodimethylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
N-Nitroso-di-n-butylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
N-Nitrosodiphenylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
N-Nitrosomethylethylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
N-Nitrosomorpholine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
N-Nitrosopiperidine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
N-Nitrosopyrrolidine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
o-Toluidine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
p-Dimethylaminoazobenzene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)	NA	NA
Pentachlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Pentachloroethane	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J	NA	NA
Pentachloronitrobenzene	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
Pentachlorophenol	NA	NA	ND(2.0)	ND(1.9)	ND(2.5)	NA	NA
Phenacetin	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J	NA	NA
Phenanthrene	NA	NA	1.3	1.4	0.78	NA	NA
Phenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Pronamide	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Pyrene	NA	NA	2.2	1.6 J	1.7	NA	NA
Pyridine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Safrole	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Thionazin	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)	NA	NA
Furans							
2,3,7,8-TCDF	0.0000035 Y	NA	0.000012 Y	0.0000067 Y	0.0000053 Y	NA	NA
TCDFs (total)	0.000033 QI	NA	0.00018 Q	0.000064 Q	0.000043 Q	NA	NA
1,2,3,7,8-PeCDF	0.0000018 J	NA	0.0000081	0.0000028 Q	0.0000026 Q	NA	NA
2,3,4,7,8-PeCDF	0.0000038	NA	0.000027	0.0000063 Q	0.0000037 Q	NA	NA
PeCDFs (total)	0.000036 QI	NA	0.00019 Q	0.000025 Q	0.000017 Q	NA	NA
1,2,3,4,7,8-HxCDF	0.0000021 J	NA	0.000020	0.0000043	0.0000033	NA	NA
1,2,3,6,7,8-HxCDF	0.0000014 J	NA	0.0000098	0.0000027	0.0000016 J	NA	NA
1,2,3,7,8,9-HxCDF	0.00000068 JQ	NA	0.0000025 Q	0.00000039 JQ	0.00000041 JQ	NA	NA
2,3,4,6,7,8-HxCDF	0.0000020 J	NA	0.000019	0.0000049	0.0000026	NA	NA
HxCDFs (total)	0.000029 Q	NA	0.00036 Q	0.000075 Q	0.000042 Q	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000073	NA	0.000062	0.000023	0.000016	NA	NA
1,2,3,4,7,8,9-HpCDF	0.00000052 J	NA	0.000012	0.0000018 J	0.0000012 J	NA	NA
HpCDFs (total)	0.000014	NA	0.00014	0.000067	0.000054	NA	NA
OCDF	0.0000067	NA	0.000077	0.000030	0.000028	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2						
Sample ID:	RAA15-E15N	RAA15-E15N	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W	RAA15-E15W
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04	05/03/04	05/03/04
Dioxins							
2,3,7,8-TCDD	ND(0.000000099) X	NA	0.00000027 J	0.00000016 JQ	ND(0.00000014)	NA	NA
TCDDs (total)	0.00000022	NA	0.0000030 Q	0.0000017 Q	0.00000097 Q	NA	NA
1,2,3,7,8-PeCDD	0.00000044 J	NA	0.0000013 J	0.00000069 JQ	0.00000038 JQ	NA	NA
PeCDDs (total)	0.0000045 Q	NA	0.0000059 Q	0.0000025 Q	0.0000028 Q	NA	NA
1,2,3,4,7,8-HxCDD	0.00000030 J	NA	0.0000010 J	0.00000044 J	0.00000041 J	NA	NA
1,2,3,6,7,8-HxCDD	0.0000011 J	NA	0.0000022 J	0.0000045	0.0000026	NA	NA
1,2,3,7,8,9-HxCDD	0.00000060 J	NA	0.0000020 J	0.0000014 JQ	0.0000010 J	NA	NA
HxCDDs (total)	0.000011	NA	0.000017	0.000034 Q	0.000012	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000085	NA	0.000032	0.000049	0.000069	NA	NA
HpCDDs (total)	0.000017	NA	0.000062	0.00010	0.00013	NA	NA
OCDD	0.000079	NA	0.00030	0.00039	0.0011	NA	NA
Total TEQs (WHO TEFs)	0.0000038	NA	0.000023	0.0000075	0.0000051	NA	NA
Inorganics							
Antimony	NA	NA	ND(6.00)	ND(6.00)	2.00 B	NA	NA
Arsenic	NA	NA	5.10	5.20	5.60	NA	NA
Barium	NA	NA	47.0	76.0	77.0	NA	NA
Beryllium	NA	NA	0.160 B	0.250 B	0.230 B	NA	NA
Cadmium	NA	NA	0.680	0.510	0.590	NA	NA
Chromium	NA	NA	8.10	5.80	8.70	NA	NA
Cobalt	NA	NA	5.60	7.10	8.30	NA	NA
Copper	NA	NA	26.0	21.0	22.0	NA	NA
Cyanide	NA	NA	0.150	0.100 B	0.110 B	NA	NA
Lead	NA	NA	120	200	140	NA	NA
Mercury	NA	NA	0.270	0.350	0.150	NA	NA
Nickel	NA	NA	11.0	14.0	11.0	NA	NA
Selenium	NA	NA	0.890 J	ND(1.00) J	ND(1.00) J	NA	NA
Silver	NA	NA	ND(1.00)	ND(1.00)	0.210 B	NA	NA
Sulfide	NA	NA	410	7.20	7.40	NA	NA
Thallium	NA	NA	ND(1.20) J	ND(1.10) J	ND(1.20) J	NA	NA
Tin	NA	NA	ND(10)	ND(10)	ND(10)	NA	NA
Vanadium	NA	NA	7.60	8.00	7.60	NA	NA
Zinc	NA	NA	67.0	91.0	99.0	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2			K10-11-3			
Sample ID:	RAA15-E15W	RAA15-YB-1	RAA15-YB-1	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	10-15	10-15	14.2-15	0-1	1-3	3-6	4-6
Parameter Date Collected:	05/03/04	01/31/05	01/31/05	02/24/03	02/24/03	02/24/03	02/24/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,1,1-Trichloroethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,1,2-Trichloroethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,1-Dichloroethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,1-Dichloroethene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,2,3-Trichloropropane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,2-Dibromoethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,2-Dichloroethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,2-Dichloropropane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
1,4-Dioxane	NA	NA	ND(0.12) J	ND(1.4) J	ND(0.92) J	NA	ND(1.2) J
2-Butanone	NA	NA	ND(0.012)	ND(0.0068) J	ND(0.0046) J	NA	ND(0.0060) J
2-Chloro-1,3-butadiene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
2-Chloroethylvinylether	NA	NA	ND(0.0062)	ND(0.014) J	ND(0.0092) J	NA	ND(0.012) J
2-Hexanone	NA	NA	ND(0.012)	ND(0.027) J	ND(0.018) J	NA	ND(0.024) J
3-Chloropropene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
4-Methyl-2-pentanone	NA	NA	ND(0.012)	ND(0.027)	ND(0.018)	NA	ND(0.024)
Acetone	NA	NA	ND(0.025)	ND(0.027) J	ND(0.018) J	NA	ND(0.024) J
Acetonitrile	NA	NA	ND(0.12) J	ND(0.14) J	ND(0.092) J	NA	ND(0.12) J
Acrolein	NA	NA	ND(0.12) J	ND(0.14) J	ND(0.092) J	NA	ND(0.12) J
Acrylonitrile	NA	NA	ND(0.0062)	ND(0.14)	ND(0.092)	NA	ND(0.12)
Benzene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	0.016
Bromodichloromethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Bromoform	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Bromomethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Carbon Disulfide	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Carbon Tetrachloride	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Chlorobenzene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Chloroethane	NA	NA	ND(0.0062)	ND(0.014)	ND(0.0092)	NA	ND(0.012)
Chloroform	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Chloromethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
cis-1,3-Dichloropropene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Dibromochloromethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Dibromomethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Dichlorodifluoromethane	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Ethyl Methacrylate	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Ethylbenzene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	0.00082 J
Iodomethane	NA	NA	ND(0.0062) J	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Isobutanol	NA	NA	ND(0.12) J	ND(0.27) J	ND(0.18) J	NA	ND(0.24) J
Methacrylonitrile	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Methyl Methacrylate	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Methylene Chloride	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Propionitrile	NA	NA	ND(0.012) J	ND(0.014)	ND(0.0092)	NA	ND(0.012)
Styrene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Tetrachloroethene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Toluene	NA	NA	ND(0.0062)	ND(0.0068)	0.00077 J	NA	0.0059 J
trans-1,2-Dichloroethene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
trans-1,3-Dichloropropene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Trichloroethene	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Trichlorofluoromethane	NA	NA	ND(0.0062) J	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Vinyl Acetate	NA	NA	ND(0.0062) J	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Vinyl Chloride	NA	NA	ND(0.0062)	ND(0.014)	ND(0.0092)	NA	ND(0.012)
Xylenes (total)	NA	NA	ND(0.0062)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
1,2-Dichlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
1,2-Diphenylhydrazine	ND(0.43) J	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
1,3,5-Trinitrobenzene	ND(0.43)	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
1,3-Dichlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2			K10-11-3			
Sample ID:	RAA15-E15W	RAA15-YB-1	RAA15-YB-1	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	10-15	10-15	14.2-15	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	01/31/05	01/31/05	02/24/03	02/24/03	02/24/03	02/24/03
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(0.87) J	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
1,4-Dichlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
1,4-Naphthoquinone	ND(0.87) J	ND(0.87)	NA	ND(18)	ND(86)	ND(72)	NA
1-Naphthylamine	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,3,4,6-Tetrachlorophenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,4,5-Trichlorophenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,4,6-Trichlorophenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,4-Dichlorophenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,4-Dimethylphenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,4-Dinitrophenol	ND(2.2)	ND(2.2)	NA	ND(18)	ND(86)	ND(72)	NA
2,4-Dinitrotoluene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,6-Dichlorophenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2,6-Dinitrotoluene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2-Acetylaminofluorene	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
2-Chloronaphthalene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2-Chlorophenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2-Methylnaphthalene	ND(0.43)	ND(0.44)	NA	ND(3.8)	9.5 J	13 J	NA
2-Methylphenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
2-Naphthylamine	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
2-Nitroaniline	ND(2.2) J	ND(2.2)	NA	ND(18)	ND(86)	ND(72)	NA
2-Nitrophenol	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
2-Picoline	ND(0.43)	ND(0.44)	NA	ND(7.6)	ND(36)	ND(30)	NA
3&4-Methylphenol	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
3,3'-Dichlorobenzidine	ND(0.87)	ND(0.87)	NA	ND(18)	ND(86)	ND(72)	NA
3,3'-Dimethylbenzidine	ND(0.43)	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
3-Methylcholanthrene	ND(0.87)	ND(0.87)	NA	ND(18)	ND(86)	ND(72)	NA
3-Nitroaniline	ND(2.2)	ND(2.2)	NA	ND(18)	ND(86)	ND(72)	NA
4,6-Dinitro-2-methylphenol	ND(0.43)	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
4-Aminobiphenyl	ND(0.87)	ND(0.87) J	NA	ND(18)	ND(86)	ND(72)	NA
4-Bromophenyl-phenylether	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
4-Chloro-3-Methylphenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
4-Chloroaniline	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
4-Chlorobenzilate	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
4-Chlorophenyl-phenylether	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
4-Nitroaniline	ND(2.2) J	ND(2.2)	NA	ND(18)	ND(86)	ND(72)	NA
4-Nitrophenol	ND(2.2) J	ND(2.2)	NA	ND(18)	ND(86)	ND(72)	NA
4-Nitroquinoline-1-oxide	ND(0.87) J	ND(0.87) J	NA	ND(38)	ND(180)	ND(150)	NA
4-Phenylenediamine	ND(0.87)	ND(0.87)	NA	ND(76)	ND(360)	ND(300)	NA
5-Nitro-o-toluidine	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
a,a'-Dimethylphenethylamine	ND(0.87) J	ND(0.87) J	NA	ND(18)	ND(86)	ND(72)	NA
Acenaphthene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	1.6 J	NA
Acenaphthylene	ND(0.43)	ND(0.44)	NA	2.4 J	44	31	NA
Acetophenone	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Aniline	ND(0.43)	ND(0.44) J	NA	1.0 J	ND(18)	ND(15)	NA
Anthracene	ND(0.43)	ND(0.44)	NA	1.2 J	19	16	NA
Aramite	ND(0.87)	ND(0.87)	NA	ND(18)	ND(86)	ND(72)	NA
Benzidine	ND(0.87) J	ND(0.87) J	NA	ND(38)	ND(180)	ND(150)	NA
Benzo(a)anthracene	ND(0.43)	ND(0.44)	NA	6.6	99	52	NA
Benzo(a)pyrene	ND(0.43)	ND(0.44)	NA	8.5	110	49	NA
Benzo(b)fluoranthene	ND(0.43)	ND(0.44)	NA	8.0	110	40	NA
Benzo(g,h,i)perylene	ND(0.43)	ND(0.44)	NA	2.7 J	35	16	NA
Benzo(k)fluoranthene	ND(0.43)	ND(0.44)	NA	8.5	75	41	NA
Benzyl Alcohol	ND(0.87) J	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
bis(2-Chloroethoxy)methane	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
bis(2-Chloroethyl)ether	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
bis(2-Chloroisopropyl)ether	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.43)	NA	ND(3.8)	ND(18)	ND(15)	NA
Butylbenzylphthalate	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Chrysene	ND(0.43)	0.048 J	NA	7.1	100	56	NA
Diallate	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.44)	NA	0.83 J	12 J	5.3 J	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2			K10-11-3			
Sample ID:	RAA15-E15W	RAA15-YB-1	RAA15-YB-1	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	10-15	10-15	14.2-15	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	01/31/05	01/31/05	02/24/03	02/24/03	02/24/03	02/24/03
Semivolatile Organics (continued)							
Dibenzofuran	ND(0.43)	ND(0.44)	NA	ND(3.8)	1.8 J	2.3 J	NA
Diethylphthalate	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Dimethylphthalate	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Di-n-Butylphthalate	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Di-n-Octylphthalate	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Diphenylamine	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Ethyl Methanesulfonate	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Fluoranthene	ND(0.43)	0.078 J	NA	14	160	88	NA
Fluorene	ND(0.43)	ND(0.44)	NA	ND(3.8)	5.0 J	9.3 J	NA
Hexachlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Hexachlorobutadiene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Hexachlorocyclopentadiene	ND(0.43)	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
Hexachloroethane	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Hexachlorophene	ND(0.87)	ND(0.87) J	NA	ND(77) J	ND(360) J	ND(8.6) J	NA
Hexachloropropene	ND(0.43) J	ND(0.44)	NA	ND(38)	ND(180)	ND(150)	NA
Indeno(1,2,3-cd)pyrene	ND(0.43)	ND(0.44)	NA	3.4 J	40	17	NA
Isodrin	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Isophorone	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Isosafrole	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
Methapyrilene	ND(0.87) J	ND(0.87)	NA	ND(18)	ND(86)	ND(72)	NA
Methyl Methanesulfonate	ND(0.43) J	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Naphthalene	ND(0.43)	ND(0.44)	NA	0.33 J	17 J	19	NA
Nitrobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosodiethylamine	ND(0.43) J	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosodimethylamine	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitroso-di-n-butylamine	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitroso-di-n-propylamine	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosodiphenylamine	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosomethylethylamine	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosomorpholine	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosopiperidine	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
N-Nitrosopyrrolidine	ND(0.87)	ND(0.87)	NA	ND(3.8)	ND(18)	ND(15)	NA
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
o-Toluidine	ND(0.43)	ND(0.44)	NA	ND(7.6)	ND(36)	ND(30)	NA
p-Dimethylaminoazobenzene	ND(0.87)	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
Pentachlorobenzene	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Pentachloroethane	ND(0.43) J	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
Pentachloronitrobenzene	ND(0.87) J	ND(0.87)	NA	ND(18)	ND(86)	ND(72)	NA
Pentachlorophenol	ND(2.2)	ND(2.2)	NA	ND(18)	ND(86)	ND(72)	NA
Phenacetin	ND(0.87) J	ND(0.87)	NA	ND(7.6)	ND(36)	ND(30)	NA
Phenanthrene	ND(0.43)	ND(0.44)	NA	3.8	53	85	NA
Phenol	ND(0.43)	ND(0.44)	NA	ND(3.8)	ND(18)	ND(15)	NA
Pronamide	ND(0.43)	ND(0.44)	NA	ND(7.6)	ND(36)	ND(30)	NA
Pyrene	0.39 J	0.085 J	NA	12	220	99	NA
Pyridine	ND(0.43)	ND(0.44)	NA	ND(7.6)	ND(36)	ND(30)	NA
Safrole	ND(0.43)	ND(0.44) J	NA	ND(7.6)	ND(36)	ND(30)	NA
Thionazin	ND(0.43)	ND(0.44)	NA	ND(18)	ND(86)	ND(72)	NA
Furans							
2,3,7,8-TCDF	0.00000040 J	0.0000011 JY	NA	ND(0.000033)	0.000012 J	ND(0.0000072) X	NA
TCDFs (total)	0.00000040	0.0000011	NA	ND(0.00050) X	ND(0.00011) X	ND(0.000020) X	NA
1,2,3,7,8-PeCDF	ND(0.00000026)	ND(0.00000048)	NA	0.000011	0.0000036 J	ND(0.00000092)	NA
2,3,4,7,8-PeCDF	ND(0.00000024)	ND(0.00000045)	NA	0.000018	0.0000050 J	0.0000021 J	NA
PeCDFs (total)	ND(0.00000019)	ND(0.00000048)	NA	ND(0.0011) X	ND(0.00020) X	ND(0.0000082) X	NA
1,2,3,4,7,8-HxCDF	0.00000038 J	ND(0.00000037)	NA	0.000024	ND(0.000030) X	ND(0.00000090)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000024)	ND(0.00000035)	NA	ND(0.00016) X	ND(0.0000039) X	ND(0.00000083)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000029)	ND(0.00000044)	NA	0.00000067 J	ND(0.0000016) X	ND(0.0000011)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000024)	ND(0.00000039)	NA	0.000014	0.0000036 J	ND(0.00000095)	NA
HxCDFs (total)	0.00000065	ND(0.00000044)	NA	ND(0.00090) X	ND(0.00017) X	ND(0.0000015) X	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000024) X	ND(0.00000028)	NA	0.000054	0.000014 J	0.0000031 J	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000024)	ND(0.00000032)	NA	0.0000072	0.0000071 J	ND(0.0000018) J	NA
HpCDFs (total)	0.00000017	ND(0.00000032)	NA	0.00015	0.000040 J	0.0000031 J	NA
OCDF	ND(0.00000049)	ND(0.00000058)	NA	0.000053 J	0.000013 J	ND(0.0000021) J	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-2			K10-11-3			
Sample ID:	RAA15-E15W	RAA15-YB-1	RAA15-YB-1	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	10-15	10-15	14.2-15	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	01/31/05	01/31/05	02/24/03	02/24/03	02/24/03	02/24/03
Dioxins							
2,3,7,8-TCDD	ND(0.00000017)	ND(0.00000037)	NA	ND(0.0000022)	ND(0.0000026)	ND(0.0000019)	NA
TCDDs (total)	ND(0.00000023)	ND(0.00000037)	NA	ND(0.0000022)	ND(0.0000026)	ND(0.0000019)	NA
1,2,3,7,8-PeCDD	ND(0.00000024)	ND(0.00000066)	NA	ND(0.0000018) X	ND(0.0000014) X	ND(0.0000011)	NA
PeCDDs (total)	ND(0.00000038)	ND(0.00000066)	NA	ND(0.000012) X	ND(0.0000035) X	ND(0.0000011)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000024)	ND(0.00000054)	NA	ND(0.0000016) X	ND(0.0000030) X	ND(0.0000015)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000024)	ND(0.00000048)	NA	ND(0.0000043) X	ND(0.0000023) X	ND(0.0000014)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000024)	ND(0.00000049)	NA	0.0000043 J	ND(0.0000018)	ND(0.0000014)	NA
HxCDDs (total)	ND(0.00000030)	ND(0.00000054)	NA	ND(0.000046) X	ND(0.000016) X	ND(0.0000014)	NA
1,2,3,4,6,7,8-HpCDD	0.00000039 J	ND(0.00000058)	NA	0.000050	0.0000084 J	ND(0.0000018)	NA
HpCDDs (total)	0.00000070	ND(0.00000058)	NA	0.000096	ND(0.000016) X	ND(0.0000018)	NA
OCDD	ND(0.0000017)	ND(0.0000040)	NA	0.00035 J	0.000041 J	0.000010 J	NA
Total TEQs (WHO TEFs)	0.00000043	0.00000091	NA	0.000027	0.0000087	0.0000034	NA
Inorganics							
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.90)	0.450 B	ND(6.80)	NA
Arsenic	2.60	4.30	NA	4.50	5.00	4.50	NA
Barium	36.0	43.0	NA	34.5	19.8 B	36.4	NA
Beryllium	0.400 B	0.370 B	NA	0.280 B	0.260 B	0.360 B	NA
Cadmium	0.550	1.20	NA	1.00	0.580	0.470 B	NA
Chromium	15.0	20.0	NA	9.90 J	6.80 J	12.1 J	NA
Cobalt	7.00	9.20	NA	6.10	6.20	4.90 B	NA
Copper	14.0	20.0	NA	33.3 J	32.5 J	28.1 J	NA
Cyanide	0.0420 B	0.0950 B	NA	1.20	0.390 B	0.460 B	NA
Lead	10.0	15.0	NA	173 J	18.8 J	22.3 J	NA
Mercury	0.250	0.0380 B	NA	0.120	0.140	0.150	NA
Nickel	11.0	17.0	NA	13.2 J	12.4 J	11.0 J	NA
Selenium	0.920 J	ND(1.10) J	NA	ND(0.580)	ND(0.540)	0.440 B	NA
Silver	ND(1.00)	ND(1.00)	NA	ND(1.20)	ND(1.10)	ND(1.10)	NA
Sulfide	8.30	160	NA	ND(11.5)	ND(10.8)	ND(11.2)	NA
Thallium	ND(1.30) J	4.30	NA	ND(1.20) J	ND(1.10) J	ND(1.10) J	NA
Tin	ND(10)	ND(10.0)	NA	ND(4.70)	ND(3.90)	ND(3.80)	NA
Vanadium	8.70	14.0	NA	13.8 J	9.60 J	11.0 J	NA
Zinc	45.0	59.0	NA	132 J	43.0 J	44.8 J	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW	RAA15-A19NW
Sample Depth(Feet):	10-12	10-15	1-3	3-6	1-3	3-6
Parameter Date Collected:	02/24/03	02/24/03	05/04/04	05/04/04	05/04/04	05/04/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0061)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0061)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0061)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0061)	NA	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.0061)	NA	NA	NA	NA	NA
1,1-Dichloroethene	ND(0.0061)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ND(0.0061)	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0061)	NA	NA	NA	NA	NA
1,2-Dibromoethane	ND(0.0061)	NA	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0061)	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0061)	NA	NA	NA	NA	NA
1,4-Dioxane	ND(1.2) J	NA	NA	NA	NA	NA
2-Butanone	ND(0.0061) J	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	ND(0.0061)	NA	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.012) J	NA	NA	NA	NA	NA
2-Hexanone	ND(0.024) J	NA	NA	NA	NA	NA
3-Chloropropene	ND(0.0061)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	ND(0.024)	NA	NA	NA	NA	NA
Acetone	ND(0.024) J	NA	NA	NA	NA	NA
Acetonitrile	ND(0.12) J	NA	NA	NA	NA	NA
Acrolein	ND(0.12) J	NA	NA	NA	NA	NA
Acrylonitrile	ND(0.12)	NA	NA	NA	NA	NA
Benzene	ND(0.0061)	NA	NA	NA	NA	NA
Bromodichloromethane	ND(0.0061)	NA	NA	NA	NA	NA
Bromoform	ND(0.0061)	NA	NA	NA	NA	NA
Bromomethane	ND(0.0061)	NA	NA	NA	NA	NA
Carbon Disulfide	ND(0.0061)	NA	NA	NA	NA	NA
Carbon Tetrachloride	ND(0.0061)	NA	NA	NA	NA	NA
Chlorobenzene	ND(0.0061)	NA	NA	NA	NA	NA
Chloroethane	ND(0.012)	NA	NA	NA	NA	NA
Chloroform	ND(0.0061)	NA	NA	NA	NA	NA
Chloromethane	ND(0.0061)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0061)	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0061)	NA	NA	NA	NA	NA
Dibromomethane	ND(0.0061)	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ND(0.0061)	NA	NA	NA	NA	NA
Ethyl Methacrylate	ND(0.0061)	NA	NA	NA	NA	NA
Ethylbenzene	ND(0.0061)	NA	NA	NA	NA	NA
Iodomethane	ND(0.0061)	NA	NA	NA	NA	NA
Isobutanol	ND(0.24) J	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0061)	NA	NA	NA	NA	NA
Methyl Methacrylate	ND(0.0061)	NA	NA	NA	NA	NA
Methylene Chloride	ND(0.0061)	NA	NA	NA	NA	NA
Propionitrile	ND(0.012)	NA	NA	NA	NA	NA
Styrene	ND(0.0061)	NA	NA	NA	NA	NA
Tetrachloroethene	ND(0.0061)	NA	NA	NA	NA	NA
Toluene	0.0015 J	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0061)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0061)	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0061)	NA	NA	NA	NA	NA
Trichloroethene	ND(0.0061)	NA	NA	NA	NA	NA
Trichlorofluoromethane	ND(0.0061)	NA	NA	NA	NA	NA
Vinyl Acetate	ND(0.0061)	NA	NA	NA	NA	NA
Vinyl Chloride	ND(0.012)	NA	NA	NA	NA	NA
Xylenes (total)	ND(0.0061)	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2,4-Trichlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2-Dichlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,2-Diphenylhydrazine	NA	ND(0.42)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
1,3,5-Trinitrobenzene	NA	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,3-Dichlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW	RAA15-A19NW
Sample Depth(Feet):	10-12	10-15	1-3	3-6	1-3	3-6
Parameter Date Collected:	02/24/03	02/24/03	05/04/04	05/04/04	05/04/04	05/04/04
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	NA	ND(0.42)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
1,4-Dichlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
1,4-Naphthoquinone	NA	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
1-Naphthylamine	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2,3,4,6-Tetrachlorophenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4,5-Trichlorophenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4,6-Trichlorophenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dichlorophenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dimethylphenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,4-Dinitrophenol	NA	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]	ND(1.9)
2,4-Dinitrotoluene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,6-Dichlorophenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2,6-Dinitrotoluene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Acetylaminofluorene	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2-Chloronaphthalene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Chlorophenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Methylnaphthalene	NA	ND(0.42)	ND(0.38)	6.7	ND(0.38) [ND(0.37)]	2.3
2-Methylphenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
2-Naphthylamine	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2-Nitroaniline	NA	ND(2.0)	ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]	ND(1.9) J
2-Nitrophenol	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
2-Picoline	NA	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
3&4-Methylphenol	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
3,3'-Dichlorobenzidine	NA	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
3,3'-Dimethylbenzidine	NA	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
3-Methylcholanthrene	NA	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
3-Nitroaniline	NA	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]	ND(1.9)
4,6-Dinitro-2-methylphenol	NA	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Aminobiphenyl	NA	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
4-Bromophenyl-phenylether	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Chloro-3-Methylphenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Chloroaniline	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Chlorobenzilate	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
4-Chlorophenyl-phenylether	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
4-Nitroaniline	NA	ND(2.0)	ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]	ND(1.9) J
4-Nitrophenol	NA	ND(2.0)	ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]	ND(1.9) J
4-Nitroquinoline-1-oxide	NA	ND(4.2)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
4-Phenylenediamine	NA	ND(8.4)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
5-Nitro-o-toluidine	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
a,a'-Dimethylphenethylamine	NA	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Acenaphthene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Acenaphthylene	NA	ND(0.42)	7.1	12	3.1 [5.2]	7.2
Acetophenone	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Aniline	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Anthracene	NA	ND(0.42)	4.4	7.3	3.0 [5.3]	3.4
Aramite	NA	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Benzidine	NA	ND(4.2)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Benzo(a)anthracene	NA	ND(0.42)	16	13	7.9 [13]	9.8
Benzo(a)pyrene	NA	ND(0.42)	14	9.7	5.8 [10]	6.8
Benzo(b)fluoranthene	NA	ND(0.42)	10	6.3	4.1 [8.1]	4.6
Benzo(g,h,i)perylene	NA	ND(0.42)	9.0	6.9	4.0 [7.1]	4.7
Benzo(k)fluoranthene	NA	ND(0.42)	12	8.3	5.8 [10]	5.4
Benzyl Alcohol	NA	ND(0.42)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
bis(2-Chloroethoxy)methane	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
bis(2-Chloroethyl)ether	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
bis(2-Chloroisopropyl)ether	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
bis(2-Ethylhexyl)phthalate	NA	ND(0.42)	ND(0.38)	ND(0.36)	ND(0.37) [ND(0.37)]	ND(0.38)
Butylbenzylphthalate	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Chrysene	NA	ND(0.42)	16	14	6.7 [13]	11
Diallate	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Dibenzo(a,h)anthracene	NA	ND(0.42)	2.7	ND(0.37)	1.0 [2.0]	1.2

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW	RAA15-A19NW
Sample Depth(Feet):	10-12	10-15	1-3	3-6	1-3	3-6
Parameter Date Collected:	02/24/03	02/24/03	05/04/04	05/04/04	05/04/04	05/04/04
Semivolatile Organics (continued)						
Dibenzofuran	NA	ND(0.42)	0.44	0.58	0.66 [1.1]	0.26 J
Diethylphthalate	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Dimethylphthalate	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Di-n-Butylphthalate	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Di-n-Octylphthalate	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Diphenylamine	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Ethyl Methanesulfonate	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Fluoranthene	NA	ND(0.42)	30	19	16 [29]	14
Fluorene	NA	ND(0.42)	0.72	3.8	0.76 [1.4]	1.4
Hexachlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachlorobutadiene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachlorocyclopentadiene	NA	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachloroethane	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Hexachlorophene	NA	ND(300) J	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Hexachloropropene	NA	ND(4.2)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
Indeno(1,2,3-cd)pyrene	NA	ND(0.42)	8.2	5.5	3.6 [6.6]	3.6
Isodrin	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Isophorone	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Isosafrole	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Methapyrilene	NA	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Methyl Methanesulfonate	NA	ND(0.42)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
Naphthalene	NA	ND(0.42)	3.3	8.8	0.99 [1.9]	4.8
Nitrobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosodiethylamine	NA	ND(0.42)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
N-Nitrosodimethylamine	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitroso-di-n-butylamine	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
N-Nitroso-di-n-propylamine	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosodiphenylamine	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosomethylethylamine	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
N-Nitrosomorpholine	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosopiperidine	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
N-Nitrosopyrrolidine	NA	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
o,o,o-Triethylphosphorothioate	NA	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
o-Toluidine	NA	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
p-Dimethylaminoazobenzene	NA	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]	ND(0.76)
Pentachlorobenzene	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Pentachloroethane	NA	ND(2.0)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]	ND(0.38) J
Pentachloronitrobenzene	NA	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Pentachlorophenol	NA	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]	ND(1.9)
Phenacetin	NA	ND(0.84)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]	ND(0.76) J
Phenanthrene	NA	ND(0.42)	7.4	21	8.3 [12]	10
Phenol	NA	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Pronamide	NA	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Pyrene	NA	ND(0.42)	33	35	17 [28]	24
Pyridine	NA	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Safrole	NA	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Thionazin	NA	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]	ND(0.38)
Furans						
2,3,7,8-TCDF	NA	ND(0.00000023)	NA	NA	NA	NA
TCDFs (total)	NA	ND(0.00000023)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000016)	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000015)	NA	NA	NA	NA
PeCDFs (total)	NA	ND(0.00000016)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000013)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000012)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000016)	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000014)	NA	NA	NA	NA
HxCDFs (total)	NA	ND(0.00000018) X	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000022)	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000027)	NA	NA	NA	NA
HpCDFs (total)	NA	ND(0.00000024)	NA	NA	NA	NA
OCDF	NA	ND(0.00000052) J	NA	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW	RAA15-A19NW
Sample Depth(Feet):	10-12	10-15	1-3	3-6	1-3	3-6
Parameter / Date Collected:	02/24/03	02/24/03	05/04/04	05/04/04	05/04/04	05/04/04
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000033)	NA	NA	NA	NA
TCDDs (total)	NA	ND(0.00000033)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000021)	NA	NA	NA	NA
PeCDDs (total)	NA	ND(0.00000021)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000025)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000024)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000025)	NA	NA	NA	NA
HxCDDs (total)	NA	ND(0.00000025)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000035)	NA	NA	NA	NA
HpCDDs (total)	NA	ND(0.00000035)	NA	NA	NA	NA
OCDD	NA	0.0000013 J	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	0.00000039	NA	NA	NA	NA
Inorganics						
Antimony	NA	ND(7.70)	NA	NA	NA	NA
Arsenic	NA	2.20	NA	NA	NA	NA
Barium	NA	32.3	NA	NA	NA	NA
Beryllium	NA	0.380 B	NA	NA	NA	NA
Cadmium	NA	0.810	NA	NA	NA	NA
Chromium	NA	9.90 J	NA	NA	NA	NA
Cobalt	NA	9.40	NA	NA	NA	NA
Copper	NA	17.2 J	NA	NA	NA	NA
Cyanide	NA	ND(0.640)	NA	NA	NA	NA
Lead	NA	8.20 J	NA	NA	NA	NA
Mercury	NA	ND(0.0430)	NA	NA	NA	NA
Nickel	NA	17.1 J	NA	NA	NA	NA
Selenium	NA	ND(0.640)	NA	NA	NA	NA
Silver	NA	ND(1.30)	NA	NA	NA	NA
Sulfide	NA	ND(12.8)	NA	NA	NA	NA
Thallium	NA	0.920 J	NA	NA	NA	NA
Tin	NA	ND(3.90)	NA	NA	NA	NA
Vanadium	NA	11.8 J	NA	NA	NA	NA
Zinc	NA	58.7 J	NA	NA	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3				
Sample ID:	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	0-1	1-3	3-6
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,1-Dichloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,1-Dichloroethene	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,2,3-Trichloropropane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,2-Dibromoethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,2-Dichloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,2-Dichloropropane	NA	NA	ND(0.0066)	ND(0.0065)	NA
1,4-Dioxane	NA	NA	ND(0.13) J	ND(0.13) J	NA
2-Butanone	NA	NA	ND(0.013)	ND(0.013)	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0066)	ND(0.0065)	NA
2-Chloroethylvinylether	NA	NA	ND(0.0066)	ND(0.0065)	NA
2-Hexanone	NA	NA	ND(0.013)	ND(0.013)	NA
3-Chloropropene	NA	NA	ND(0.0066)	ND(0.0065)	NA
4-Methyl-2-pentanone	NA	NA	ND(0.013)	ND(0.013)	NA
Acetone	NA	NA	ND(0.026)	ND(0.026)	NA
Acetonitrile	NA	NA	ND(0.13) J	ND(0.13) J	NA
Acrolein	NA	NA	ND(0.13) J	ND(0.13) J	NA
Acrylonitrile	NA	NA	ND(0.0066)	ND(0.0065)	NA
Benzene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Bromodichloromethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Bromoform	NA	NA	ND(0.0066)	ND(0.0065)	NA
Bromomethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Carbon Disulfide	NA	NA	ND(0.0066)	ND(0.0065)	NA
Carbon Tetrachloride	NA	NA	ND(0.0066)	ND(0.0065)	NA
Chlorobenzene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Chloroethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Chloroform	NA	NA	ND(0.0066)	ND(0.0065)	NA
Chloromethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Dibromochloromethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Dibromomethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Dichlorodifluoromethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Ethyl Methacrylate	NA	NA	ND(0.0066)	ND(0.0065)	NA
Ethylbenzene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Iodomethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Isobutanol	NA	NA	ND(0.13) J	ND(0.13) J	NA
Methacrylonitrile	NA	NA	ND(0.0066)	ND(0.0065)	NA
Methyl Methacrylate	NA	NA	ND(0.0066)	ND(0.0065)	NA
Methylene Chloride	NA	NA	ND(0.0066)	ND(0.0065)	NA
Propionitrile	NA	NA	ND(0.013) J	ND(0.013) J	NA
Styrene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Tetrachloroethene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Toluene	NA	NA	ND(0.0066)	ND(0.0065)	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0066)	ND(0.0065)	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0066)	ND(0.0065)	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Trichloroethene	NA	NA	ND(0.0066)	ND(0.0065)	NA
Trichlorofluoromethane	NA	NA	ND(0.0066)	ND(0.0065)	NA
Vinyl Acetate	NA	NA	ND(0.0066)	ND(0.0065)	NA
Vinyl Chloride	NA	NA	ND(0.0066)	ND(0.0065)	NA
Xylenes (total)	NA	NA	ND(0.0066)	ND(0.0065)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
1,2-Dichlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
1,2-Diphenylhydrazine	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]	ND(0.98) J
1,3,5-Trinitrobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
1,3-Dichlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3				
Sample ID:	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	0-1	1-3	3-6
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04
Semivolatile Organics (continued)					
1,3-Dinitrobenzene	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
1,4-Dichlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
1,4-Naphthoquinone	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
1-Naphthylamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
2,3,4,6-Tetrachlorophenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,4,5-Trichlorophenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,4,6-Trichlorophenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,4-Dichlorophenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,4-Dimethylphenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,4-Dinitrophenol	ND(2.1)	ND(2.4)	ND(2.2)	ND(2.2) [ND(2.3)]	ND(4.9)
2,4-Dinitrotoluene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,6-Dichlorophenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2,6-Dinitrotoluene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2-Acetylaminofluorene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
2-Chloronaphthalene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2-Chlorophenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2-Methylnaphthalene	ND(0.41)	ND(0.48)	0.25 J	ND(0.43) [ND(0.45)]	ND(0.98)
2-Methylphenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
2-Naphthylamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
2-Nitroaniline	ND(2.1) J	ND(2.4) J	ND(2.2) J	ND(2.2) J [ND(2.3) J]	ND(4.9) J
2-Nitrophenol	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
2-Picoline	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
3&4-Methylphenol	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
3,3'-Dichlorobenzidine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(2.0)
3,3'-Dimethylbenzidine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
3-Methylcholanthrene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
3-Nitroaniline	ND(2.1)	ND(2.4)	ND(2.2)	ND(2.2) [ND(2.3)]	ND(4.9)
4,6-Dinitro-2-methylphenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
4-Aminobiphenyl	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
4-Bromophenyl-phenylether	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
4-Chloro-3-Methylphenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
4-Chloroaniline	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
4-Chlorobenzilate	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
4-Chlorophenyl-phenylether	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
4-Nitroaniline	ND(2.1) J	ND(2.4) J	ND(2.2) J	ND(2.2) J [ND(2.3) J]	ND(2.6) J
4-Nitrophenol	ND(2.1) J	ND(2.4) J	ND(2.2) J	ND(2.2) J [ND(2.3) J]	ND(4.9) J
4-Nitroquinoline-1-oxide	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
4-Phenylenediamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
5-Nitro-o-toluidine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
a,a'-Dimethylphenethylamine	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
Acenaphthene	0.23 J	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Acenaphthylene	0.52	ND(0.48)	0.76	0.75 [0.37 J]	ND(0.98)
Acetophenone	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Aniline	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Anthracene	0.63	ND(0.48)	0.52	0.33 J [0.19 J]	ND(0.98)
Aramite	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
Benzidine	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(2.0) J
Benzo(a)anthracene	0.81	ND(0.48)	1.2	0.49 [0.29 J]	ND(0.98)
Benzo(a)pyrene	0.56	ND(0.48)	0.92	0.37 J [0.20 J]	0.20 J
Benzo(b)fluoranthene	0.35 J	ND(0.48)	0.87	0.24 J [0.12 J]	ND(0.98)
Benzo(g,h,i)perylene	0.38 J	ND(0.48)	0.74	0.32 J [0.17 J]	ND(0.98)
Benzo(k)fluoranthene	0.45	ND(0.48)	1.1	0.32 J [0.18 J]	ND(0.98)
Benzyl Alcohol	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(2.0) J
bis(2-Chloroethoxy)methane	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
bis(2-Chloroethyl)ether	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
bis(2-Chloroisopropyl)ether	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.47)	0.14 J	ND(0.43) [ND(0.45)]	ND(0.51)
Butylbenzylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Chrysene	0.92	ND(0.48)	1.6	0.58 [0.36 J]	ND(0.98)
Diallate	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.48)	0.15 J	ND(0.43) [ND(0.45)]	ND(0.98)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3				
Sample ID:	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	0-1	1-3	3-6
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04
Semivolatile Organics (continued)					
Dibenzofuran	0.10 J	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Diethylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Dimethylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Di-n-Butylphthalate	ND(0.41)	ND(0.48)	0.11 J	ND(0.43) [ND(0.45)]	ND(0.98)
Di-n-Octylphthalate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Diphenylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Ethyl Methanesulfonate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Fluoranthene	1.7	ND(0.48)	2.7	0.74 [0.50]	ND(0.98)
Fluorene	0.23 J	ND(0.48)	0.13 J	ND(0.43) [ND(0.45)]	ND(0.98)
Hexachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Hexachlorobutadiene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Hexachlorocyclopentadiene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Hexachloroethane	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Hexachlorophene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(2.0)
Hexachloropropene	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]	ND(0.98) J
Indeno(1,2,3-cd)pyrene	0.25 J	ND(0.48)	0.60	0.22 J [0.097 J]	ND(0.98)
Isodrin	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Isophorone	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Isosafrole	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
Methapyrilene	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
Methyl Methanesulfonate	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]	ND(0.98) J
Naphthalene	0.24 J	ND(0.48)	0.45	0.71 [0.27 J]	ND(0.98)
Nitrobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
N-Nitrosodiethylamine	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]	ND(0.98) J
N-Nitrosodimethylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
N-Nitroso-di-n-butylamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
N-Nitrosodiphenylamine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
N-Nitrosomethylethylamine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
N-Nitrosomorpholine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
N-Nitrosopiperidine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
N-Nitrosopyrrolidine	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
o-Toluidine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
p-Dimethylaminoazobenzene	ND(0.82)	ND(0.96)	ND(0.88)	ND(0.87) [ND(0.90)]	ND(1.0)
Pentachlorobenzene	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Pentachloroethane	ND(0.41) J	ND(0.48) J	ND(0.44) J	ND(0.43) J [ND(0.45) J]	ND(0.98) J
Pentachloronitrobenzene	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
Pentachlorophenol	ND(2.1)	ND(2.4)	ND(2.2)	ND(2.2) [ND(2.3)]	ND(4.9)
Phenacetin	ND(0.82) J	ND(0.96) J	ND(0.88) J	ND(0.87) J [ND(0.90) J]	ND(1.0) J
Phenanthrene	1.7	ND(0.48)	1.1	0.56 [0.50]	ND(0.98)
Phenol	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Pronamide	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Pyrene	1.8	ND(0.48)	2.7	1.1 [0.72]	ND(0.98)
Pyridine	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Safrole	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Thionazin	ND(0.41)	ND(0.48)	ND(0.44)	ND(0.43) [ND(0.45)]	ND(0.98)
Furans					
2,3,7,8-TCDF	NA	NA	0.000040 Y	0.0000095 Y [0.0000055 Y]	NA
TCDFs (total)	NA	NA	0.00053 QI	0.00011 Q [0.000051 Q]	NA
1,2,3,7,8-PeCDF	NA	NA	0.000025	0.0000045 [0.0000026 J]	NA
2,3,4,7,8-PeCDF	NA	NA	0.000099 Q	0.000011 Q [0.0000062]	NA
PeCDFs (total)	NA	NA	0.00056 QI	0.00011 QI [0.000054 Q]	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.000073	0.0000094 [0.0000049]	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.000037	0.0000040 [0.0000022 J]	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.0000094	0.0000014 JQ [0.00000094 J]	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.000074	0.0000070 [0.0000039]	NA
HxCDFs (total)	NA	NA	0.0011 Q	0.00012 Q [0.000061]	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00015 Q	0.000026 [0.000011]	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.000030	0.0000034 [0.0000017 J]	NA
HpCDFs (total)	NA	NA	0.00039 Q	0.000055 [0.000024]	NA
OCDF	NA	NA	0.00023	0.000025 [0.000013]	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3				
Sample ID:	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	0-1	1-3	3-6
Parameter Date Collected:	05/04/04	05/04/04	05/03/04	05/03/04	05/03/04
Dioxins					
2,3,7,8-TCDD	NA	NA	0.0000016 Q	0.00000036 J [ND(0.00000024) X]	NA
TCDDs (total)	NA	NA	0.000012 Q	0.0000030 [0.0000017]	NA
1,2,3,7,8-PeCDD	NA	NA	0.0000033 Q	0.00000058 JQ [0.00000028 J]	NA
PeCDDs (total)	NA	NA	0.000012 Q	0.0000033 Q [0.0000026 Q]	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.0000043	0.00000071 J [0.00000030 J]	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.000011	0.0000015 J [0.00000067 J]	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000087	0.0000012 J [0.00000048 J]	NA
HxCDDs (total)	NA	NA	0.000072	0.000013 [0.0000066]	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00018	0.000016 [0.0000093]	NA
HpCDDs (total)	NA	NA	0.00036	0.000035 [0.000018]	NA
OCDD	NA	NA	0.0016	0.00016 [0.000081]	NA
Total TEQs (WHO TEFs)	NA	NA	0.000085	0.000011 [0.0000057]	NA
Inorganics					
Antimony	NA	NA	ND(6.00)	ND(6.00) [ND(6.00)]	NA
Arsenic	NA	NA	5.50	4.30 [6.00]	NA
Barium	NA	NA	36.0	29.0 [43.0]	NA
Beryllium	NA	NA	0.250 B	0.290 B [0.400 B]	NA
Cadmium	NA	NA	1.60	0.570 [0.870]	NA
Chromium	NA	NA	14.0	7.80 [14.0]	NA
Cobalt	NA	NA	8.20	5.30 [8.30]	NA
Copper	NA	NA	47.0	22.0 [34.0]	NA
Cyanide	NA	NA	0.360	0.140 [0.130 B]	NA
Lead	NA	NA	270	33.0 [54.0]	NA
Mercury	NA	NA	0.160	0.0950 B [0.180]	NA
Nickel	NA	NA	15.0	9.50 [16.0]	NA
Selenium	NA	NA	0.980 J	ND(1.00) J [0.730 B]	NA
Silver	NA	NA	ND(1.00)	ND(1.00) [ND(1.00)]	NA
Sulfide	NA	NA	420	10.0 [11.0]	NA
Thallium	NA	NA	ND(1.30) J	ND(1.30) J [ND(1.40)]	NA
Tin	NA	NA	ND(10)	ND(10) [5.60 B]	NA
Vanadium	NA	NA	21.0	7.90 [13.0]	NA
Zinc	NA	NA	170	47.0 [90.0]	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19SW	RAA15-A19SW	RAA15-B18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	6-8	6-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	05/03/04	02/25/03	02/26/03	02/26/03	02/26/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,1,1-Trichloroethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,1,2,2-Tetrachloroethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,1,2-Trichloroethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,1-Dichloroethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,1-Dichloroethene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,2,3-Trichloropropane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,2-Dibromo-3-chloropropane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,2-Dibromoethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,2-Dichloroethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,2-Dichloropropane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
1,4-Dioxane	ND(0.14) J	NA	ND(1.2) J	ND(0.97) J	NA	ND(1.3) J
2-Butanone	ND(0.014)	NA	ND(0.0059) J	ND(0.0049) J	NA	ND(0.0063) J
2-Chloro-1,3-butadiene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
2-Chloroethylvinylether	ND(0.0068)	NA	ND(0.012) J	ND(0.0097) J	NA	ND(0.013) J
2-Hexanone	ND(0.014)	NA	ND(0.024) J	ND(0.019) J	NA	ND(0.025) J
3-Chloropropene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
4-Methyl-2-pentanone	ND(0.014)	NA	ND(0.024)	ND(0.019)	NA	ND(0.025)
Acetone	0.018 J	NA	ND(0.024) J	ND(0.019) J	NA	ND(0.025) J
Acetonitrile	ND(0.14) J	NA	ND(0.12)	ND(0.097) J	NA	ND(0.13) J
Acrolein	ND(0.14) J	NA	ND(0.12) J	ND(0.097) J	NA	ND(0.13) J
Acrylonitrile	ND(0.0068)	NA	ND(0.12)	ND(0.097)	NA	ND(0.13)
Benzene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Bromodichloromethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Bromoform	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Bromomethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Carbon Disulfide	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Carbon Tetrachloride	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Chlorobenzene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Chloroethane	ND(0.0068)	NA	ND(0.012)	ND(0.0097)	NA	ND(0.013)
Chloroform	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Chloromethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
cis-1,3-Dichloropropene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Dibromochloromethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Dibromomethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Dichlorodifluoromethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Ethyl Methacrylate	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Ethylbenzene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Iodomethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Isobutanol	ND(0.14) J	NA	ND(0.24) J	ND(0.19) J	NA	ND(0.25) J
Methacrylonitrile	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Methyl Methacrylate	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Methylene Chloride	ND(0.0068)	NA	ND(0.0059)	0.0027 J	NA	0.0023 J
Propionitrile	ND(0.014) J	NA	ND(0.012)	ND(0.0097)	NA	ND(0.013)
Styrene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Tetrachloroethene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Toluene	ND(0.0068)	NA	ND(0.0059)	0.0014 J	NA	0.0011 J
trans-1,2-Dichloroethene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
trans-1,3-Dichloropropene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
trans-1,4-Dichloro-2-butene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Trichloroethene	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Trichlorofluoromethane	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Vinyl Acetate	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Vinyl Chloride	ND(0.0068)	NA	ND(0.012)	ND(0.0097)	NA	ND(0.013)
Xylenes (total)	ND(0.0068)	NA	ND(0.0059)	ND(0.0049)	NA	ND(0.0063)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
1,2,4-Trichlorobenzene	NA	ND(0.56)	ND(1.7)	0.12 J	ND(0.44)	NA
1,2-Dichlorobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
1,2-Diphenylhydrazine	NA	ND(0.56) J	ND(1.7)	ND(0.39)	ND(0.44)	NA
1,3,5-Trinitrobenzene	NA	ND(0.56)	ND(8.2)	ND(1.9)	ND(2.1)	NA
1,3-Dichlorobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA

TABLE C-2
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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19SW	RAA15-A19SW	RAA15-B18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	6-8	6-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	05/03/04	02/25/03	02/26/03	02/26/03	02/26/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	NA	ND(1.0) J	ND(1.7)	ND(0.39)	ND(0.44)	NA
1,4-Dichlorobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
1,4-Naphthoquinone	NA	ND(1.0) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
1-Naphthylamine	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,4,5-Trichlorophenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,4,6-Trichlorophenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,4-Dichlorophenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,4-Dimethylphenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,4-Dinitrophenol	NA	ND(2.8)	ND(8.2)	ND(1.9)	ND(2.1)	NA
2,4-Dinitrotoluene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,6-Dichlorophenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2,6-Dinitrotoluene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2-Acetylaminofluorene	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
2-Chloronaphthalene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2-Chlorophenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2-Methylnaphthalene	NA	ND(0.56)	0.23 J	ND(0.39)	ND(0.44)	NA
2-Methylphenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2-Naphthylamine	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2-Nitroaniline	NA	ND(2.8) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
2-Nitrophenol	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
2-Picoline	NA	ND(0.56)	ND(3.4)	ND(0.78)	ND(0.87)	NA
3&4-Methylphenol	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
3,3'-Dichlorobenzidine	NA	ND(1.1)	ND(8.2)	ND(1.9)	ND(2.1)	NA
3,3'-Dimethylbenzidine	NA	ND(0.56)	ND(8.2)	ND(1.9)	ND(2.1)	NA
3-Methylcholanthrene	NA	ND(1.0)	ND(8.2)	ND(1.9)	ND(2.1)	NA
3-Nitroaniline	NA	ND(2.8)	ND(8.2)	ND(1.9)	ND(2.1)	NA
4,6-Dinitro-2-methylphenol	NA	ND(0.56)	ND(8.2)	ND(1.9)	ND(2.1)	NA
4-Aminobiphenyl	NA	ND(1.0)	ND(8.2)	ND(1.9)	ND(2.1)	NA
4-Bromophenyl-phenylether	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
4-Chloro-3-Methylphenol	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
4-Chloroaniline	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
4-Chlorobenzilate	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
4-Chlorophenyl-phenylether	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
4-Nitroaniline	NA	ND(2.6) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
4-Nitrophenol	NA	ND(2.8) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
4-Nitroquinoline-1-oxide	NA	ND(1.0) J	ND(17)	ND(3.9)	ND(4.4)	NA
4-Phenylenediamine	NA	ND(1.0)	ND(34)	ND(7.8)	ND(8.7)	NA
5-Nitro-o-toluidine	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
a,a'-Dimethylphenethylamine	NA	ND(1.0) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
Acenaphthene	NA	ND(0.56)	0.27 J	ND(0.39)	ND(0.44)	NA
Acenaphthylene	NA	ND(0.56)	0.94 J	0.11 J	0.099 J	NA
Acetophenone	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Aniline	NA	ND(0.56)	1.4 J	ND(0.39)	ND(0.44)	NA
Anthracene	NA	ND(0.56)	0.96 J	0.055 J	0.057 J	NA
Aramite	NA	ND(1.0)	ND(8.2)	ND(1.9)	ND(2.1)	NA
Benzidine	NA	ND(1.1) J	ND(17)	ND(3.9)	ND(4.4)	NA
Benzo(a)anthracene	NA	ND(0.56)	2.6	0.20 J	0.20 J	NA
Benzo(a)pyrene	NA	0.18 J	2.9	0.27 J	0.25 J	NA
Benzo(b)fluoranthene	NA	ND(0.56)	3.0	0.27 J	0.27 J	NA
Benzo(g,h,i)perylene	NA	ND(0.56)	1.1 J	0.099 J	0.088 J	NA
Benzo(k)fluoranthene	NA	ND(0.56)	3.2	0.28 J	0.30 J	NA
Benzyl Alcohol	NA	ND(1.1) J	ND(1.7)	ND(0.39)	ND(0.44)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
bis(2-Chloroethyl)ether	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.50)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Butylbenzylphthalate	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Chrysene	NA	ND(0.56)	3.1	0.26 J	0.27 J	NA
Diallate	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
Dibenzo(a,h)anthracene	NA	ND(0.56)	0.32 J	ND(0.39)	ND(0.44)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19SW	RAA15-A19SW	RAA15-B18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	6-8	6-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	05/03/04	02/25/03	02/26/03	02/26/03	02/26/03
Semivolatile Organics (continued)						
Dibenzofuran	NA	ND(0.56)	0.20 J	ND(0.39)	ND(0.44)	NA
Diethylphthalate	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Dimethylphthalate	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Di-n-Butylphthalate	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Di-n-Octylphthalate	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Diphenylamine	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Ethyl Methanesulfonate	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Fluoranthene	NA	ND(0.56)	6.6	0.46	0.52	NA
Fluorene	NA	ND(0.56)	0.38 J	ND(0.39)	ND(0.44)	NA
Hexachlorobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Hexachlorobutadiene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Hexachlorocyclopentadiene	NA	ND(0.56)	ND(8.2)	ND(1.9)	ND(2.1)	NA
Hexachloroethane	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Hexachlorophene	NA	ND(1.1)	ND(34) J	ND(7.9) J	ND(8.9) J	NA
Hexachloropropene	NA	ND(0.56) J	ND(17)	ND(3.9)	ND(4.4)	NA
Indeno(1,2,3-cd)pyrene	NA	ND(0.56)	1.2 J	0.11 J	0.11 J	NA
Isodrin	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Isophorone	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Isosafrole	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
Methapyrilene	NA	ND(1.0) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
Methyl Methanesulfonate	NA	ND(0.56) J	ND(1.7)	ND(0.39)	ND(0.44)	NA
Naphthalene	NA	ND(0.56)	0.38 J	ND(0.39)	0.028 J	NA
Nitrobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosodiethylamine	NA	ND(0.56) J	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosodimethylamine	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitroso-di-n-butylamine	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosodiphenylamine	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosomethylethylamine	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosomorpholine	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosopiperidine	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
N-Nitrosopyrrolidine	NA	ND(1.0)	ND(1.7)	ND(0.39)	ND(0.44)	NA
o,o,o-Triethylphosphorothioate	NA	ND(0.56)	ND(8.2)	ND(1.9)	ND(2.1)	NA
o-Toluidine	NA	ND(0.56)	ND(3.4)	ND(0.78)	ND(0.87)	NA
p-Dimethylaminoazobenzene	NA	ND(1.0)	ND(3.4)	ND(0.78)	ND(0.87)	NA
Pentachlorobenzene	NA	ND(0.56)	ND(1.7)	ND(0.39)	ND(0.44)	NA
Pentachloroethane	NA	ND(0.56) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
Pentachloronitrobenzene	NA	ND(1.0) J	ND(8.2)	ND(1.9)	ND(2.1)	NA
Pentachlorophenol	NA	ND(2.8)	ND(8.2)	ND(1.9)	ND(2.1)	NA
Phenacetin	NA	ND(1.0) J	ND(3.4)	ND(0.78)	ND(0.87)	NA
Phenanthrene	NA	ND(0.56)	3.5	0.17 J	0.21 J	NA
Phenol	NA	ND(0.56)	0.33 J	ND(0.39)	ND(0.44)	NA
Pronamide	NA	ND(0.56)	ND(3.4)	ND(0.78)	ND(0.87)	NA
Pyrene	NA	ND(0.56)	4.7	0.34 J	0.38 J	NA
Pyridine	NA	ND(0.56)	ND(3.4)	ND(0.78)	ND(0.87)	NA
Safrole	NA	ND(0.56)	ND(3.4)	ND(0.78)	ND(0.87)	NA
Thionazin	NA	ND(0.56)	ND(8.2)	ND(1.9)	ND(2.1)	NA
Furans						
2,3,7,8-TCDF	NA	ND(0.000000098) X	ND(0.000027) X	ND(0.000027) X	ND(0.000014) X	NA
TCDFs (total)	NA	ND(0.00000012)	ND(0.00026) X	ND(0.00020) X	ND(0.00010) X	NA
1,2,3,7,8-PeCDF	NA	ND(0.000000094) X	0.000012 J	0.0000099 J	ND(0.0000051) X	NA
2,3,4,7,8-PeCDF	NA	ND(0.000000064) X	0.000023 J	0.000012 J	ND(0.0000036) X	NA
PeCDFs (total)	NA	ND(0.000000047)	ND(0.00060) X	ND(0.00035) X	ND(0.000086) X	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000031)	0.000041 J	0.000037	0.0000057 J	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.00000031)	ND(0.000054) X	ND(0.000048) X	ND(0.000011) X	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000031)	ND(0.0000014) X	ND(0.00000063)	ND(0.00000061)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000031)	0.000015 J	0.0000054 J	ND(0.0000015) X	NA
HxCDFs (total)	NA	ND(0.00000031)	ND(0.00051) X	ND(0.00029) X	ND(0.000072) X	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00000011 J	0.000065	0.000084	0.000042 J	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000031)	0.000018 J	0.000031	ND(0.0000020) XJ	NA
HpCDFs (total)	NA	0.00000011	ND(0.00020) X	0.00021 J	ND(0.000083) XJ	NA
OCDF	NA	ND(0.00000062)	0.00012 J	0.00025 J	0.000039 J	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3					
Sample ID:	RAA15-A19SW	RAA15-A19SW	RAA15-B18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	6-8	6-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	05/03/04	05/03/04	02/25/03	02/26/03	02/26/03	02/26/03
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000012)	ND(0.0000014)	ND(0.0000012)	ND(0.0000016)	NA
TCDDs (total)	NA	ND(0.00000029)	ND(0.0000022) X	ND(0.0000012)	ND(0.0000016)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000031)	ND(0.0000023) X	ND(0.0000013) X	ND(0.0000012)	NA
PeCDDs (total)	NA	ND(0.00000031)	ND(0.0000083) X	ND(0.0000060) X	ND(0.0000012)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000031)	ND(0.0000024) X	ND(0.0000021) X	ND(0.0000012)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000031)	ND(0.0000052) X	ND(0.0000020) X	ND(0.0000016) X	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000031)	ND(0.0000044) X	ND(0.0000022) X	ND(0.0000012)	NA
HxCDDs (total)	NA	ND(0.00000051)	ND(0.000061) X	ND(0.000022) X	ND(0.0000087) X	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000030) X	0.00014	0.000030	0.000022 J	NA
HpCDDs (total)	NA	ND(0.00000031)	0.00053	0.000056 J	0.000037 J	NA
OCDD	NA	ND(0.0000011)	0.0011 J	0.00027	0.00026 J	NA
Total TEQs (WHO TEFs)	NA	0.00000035	0.000027	0.000018	0.0000052	NA
Inorganics						
Antimony	NA	ND(6.00)	0.580 B	ND(7.10) J	ND(8.00) J	NA
Arsenic	NA	0.700 B	4.50	5.30	5.20	NA
Barium	NA	11.0 B	38.1 J	75.0	66.4	NA
Beryllium	NA	0.170 B	0.550 B	0.600	0.720	NA
Cadmium	NA	0.270 B	0.290 B	ND(0.120)	ND(0.660)	NA
Chromium	NA	3.60	12.6 J	21.2	31.6	NA
Cobalt	NA	2.90 B	7.70	8.40	9.00	NA
Copper	NA	4.00	33.2 J	28.3	30.5	NA
Cyanide	NA	0.0420 B	ND(0.310)	ND(0.590)	0.310 B	NA
Lead	NA	2.00	181 J	31.8	52.0	NA
Mercury	NA	ND(0.150)	0.110	0.220	0.270	NA
Nickel	NA	5.30	14.2	16.8 J	16.7 J	NA
Selenium	NA	ND(1.10) J	ND(0.640)	ND(0.590) J	0.390 B	NA
Silver	NA	ND(1.10)	ND(1.30)	ND(1.20)	ND(1.30)	NA
Sulfide	NA	15.0	ND(12.7)	ND(11.8)	ND(13.3)	NA
Thallium	NA	ND(1.50) J	ND(1.30)	ND(1.20)	ND(1.30)	NA
Tin	NA	ND(10)	ND(7.00)	ND(6.80)	ND(7.90)	NA
Vanadium	NA	3.90 B	20.7	17.6	16.4	NA
Zinc	NA	23.0	127	73.0	101	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3		K10-11-5				
Sample ID:	RAA15-C18	RAA15-C18	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	6-10	8-10	0-1	3-6	4-6	1-3	10-12
Parameter Date Collected:	02/26/03	02/26/03	03/03/03	03/03/03	03/03/03	05/03/04	05/03/04
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,1,1-Trichloroethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,1,2,2-Tetrachloroethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,1,2-Trichloroethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,1-Dichloroethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,1-Dichloroethene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,2,3-Trichloropropane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,2-Dibromo-3-chloropropane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,2-Dibromoethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,2-Dichloroethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,2-Dichloropropane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
1,4-Dioxane	NA	ND(1.3) J	ND(1.0) J	NA	ND(0.93) J	ND(0.13) J	ND(0.14) J
2-Butanone	NA	ND(0.0063) J	ND(0.0052) J	NA	0.0030 J	ND(0.013)	ND(0.014)
2-Chloro-1,3-butadiene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
2-Chloroethylvinylether	NA	ND(0.013) J	ND(0.010) J	NA	ND(0.0093) J	ND(0.0067)	ND(0.0071)
2-Hexanone	NA	ND(0.025) J	ND(0.021) J	NA	ND(0.019) J	ND(0.013)	ND(0.014)
3-Chloropropene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
4-Methyl-2-pentanone	NA	ND(0.025)	ND(0.021) J	NA	ND(0.019) J	ND(0.013)	ND(0.014)
Acetone	NA	ND(0.025) J	ND(0.021)	NA	0.013 J	ND(0.027)	ND(0.028)
Acetonitrile	NA	ND(0.13) J	ND(0.10) J	NA	ND(0.093) J	ND(0.13) J	ND(0.14) J
Acrolein	NA	ND(0.13) J	ND(0.10) J	NA	ND(0.093) J	ND(0.13) J	ND(0.14) J
Acrylonitrile	NA	ND(0.13)	ND(0.10)	NA	ND(0.093)	ND(0.0067)	ND(0.0071)
Benzene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Bromodichloromethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Bromoform	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Bromomethane	NA	ND(0.0063)	ND(0.0052) J	NA	ND(0.0046) J	ND(0.0067)	ND(0.0071)
Carbon Disulfide	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Carbon Tetrachloride	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Chlorobenzene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Chloroethane	NA	ND(0.013)	ND(0.010) J	NA	ND(0.0093) J	ND(0.0067)	ND(0.0071)
Chloroform	NA	ND(0.0063)	ND(0.0052)	NA	0.0018 J	ND(0.0067)	ND(0.0071)
Chloromethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
cis-1,3-Dichloropropene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Dibromochloromethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Dibromomethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Dichlorodifluoromethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Ethyl Methacrylate	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Ethylbenzene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Iodomethane	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Isobutanol	NA	ND(0.25) J	ND(0.21) J	NA	ND(0.19) J	ND(0.13) J	ND(0.14) J
Methacrylonitrile	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Methyl Methacrylate	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Methylene Chloride	NA	0.0032 J	0.0024 J	NA	0.0012 J	ND(0.0067)	ND(0.0071)
Propionitrile	NA	ND(0.013)	ND(0.010)	NA	ND(0.0093)	ND(0.013) J	ND(0.014) J
Styrene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Tetrachloroethene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Toluene	NA	0.0025 J	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
trans-1,2-Dichloroethene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
trans-1,3-Dichloropropene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
trans-1,4-Dichloro-2-butene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Trichloroethene	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Trichlorofluoromethane	NA	ND(0.0063)	ND(0.0052) J	NA	ND(0.0046) J	ND(0.0067)	ND(0.0071)
Vinyl Acetate	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Vinyl Chloride	NA	ND(0.013)	ND(0.010)	NA	ND(0.0093)	ND(0.0067)	ND(0.0071)
Xylenes (total)	NA	ND(0.0063)	ND(0.0052)	NA	ND(0.0046)	ND(0.0067)	ND(0.0071)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
1,2,4-Trichlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
1,2-Dichlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
1,2-Diphenylhydrazine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49) J	NA
1,3,5-Trinitrobenzene	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49)	NA
1,3-Dichlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3		K10-11-5				
Sample ID:	RAA15-C18	RAA15-C18	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	6-10	8-10	0-1	3-6	4-6	1-3	10-12
Parameter Date Collected:	02/26/03	02/26/03	03/03/03	03/03/03	03/03/03	05/03/04	05/03/04
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90) J	NA
1,4-Dichlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
1,4-Naphthoquinone	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90) J	NA
1-Naphthylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
2,3,4,6-Tetrachlorophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,4,5-Trichlorophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,4,6-Trichlorophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,4-Dichlorophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,4-Dimethylphenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,4-Dinitrophenol	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(2.4)	NA
2,4-Dinitrotoluene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,6-Dichlorophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2,6-Dinitrotoluene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2-Acetylaminofluorene	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
2-Chloronaphthalene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2-Chlorophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2-Methylnaphthalene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2-Methylphenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
2-Naphthylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
2-Nitroaniline	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(2.4) J	NA
2-Nitrophenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
2-Picoline	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.49)	NA
3&4-Methylphenol	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
3,3'-Dichlorobenzidine	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.98)	NA
3,3'-Dimethylbenzidine	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49)	NA
3-Methylcholanthrene	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90)	NA
3-Nitroaniline	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(2.4)	NA
4,6-Dinitro-2-methylphenol	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49)	NA
4-Aminobiphenyl	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90)	NA
4-Bromophenyl-phenylether	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
4-Chloro-3-Methylphenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
4-Chloroaniline	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
4-Chlorobenzilate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
4-Chlorophenyl-phenylether	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
4-Nitroaniline	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(2.3) J	NA
4-Nitrophenol	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(2.4) J	NA
4-Nitroquinoline-1-oxide	ND(4.5)	NA	ND(74)	ND(3.6)	NA	ND(0.90) J	NA
4-Phenylenediamine	ND(9.1)	NA	ND(150)	ND(7.3)	NA	ND(0.90)	NA
5-Nitro-o-toluidine	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
a,a'-Dimethylphenethylamine	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90) J	NA
Acenaphthene	ND(0.45)	NA	1.2 J	0.048 J	NA	ND(0.49)	NA
Acenaphthylene	ND(0.45)	NA	ND(7.4)	0.026 J	NA	ND(0.49)	NA
Acetophenone	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Aniline	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Anthracene	ND(0.45)	NA	2.9 J	0.18 J	NA	ND(0.49)	NA
Aramite	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90)	NA
Benzidine	ND(4.5)	NA	ND(74)	ND(3.6)	NA	ND(0.98) J	NA
Benzo(a)anthracene	ND(0.45)	NA	6.5 J	0.40	NA	ND(0.49)	NA
Benzo(a)pyrene	ND(0.45)	NA	5.8 J	0.37	NA	ND(0.49)	NA
Benzo(b)fluoranthene	ND(0.45)	NA	4.9 J	0.34 J	NA	ND(0.49)	NA
Benzo(g,h,i)perylene	ND(0.45)	NA	1.9 J	0.14 J	NA	ND(0.49)	NA
Benzo(k)fluoranthene	ND(0.45)	NA	5.7 J	0.31 J	NA	ND(0.49)	NA
Benzyl Alcohol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.98) J	NA
bis(2-Chloroethoxy)methane	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
bis(2-Chloroethyl)ether	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
bis(2-Chloroisopropyl)ether	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
bis(2-Ethylhexyl)phthalate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.44)	NA
Butylbenzylphthalate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Chrysene	ND(0.45)	NA	6.7 J	0.42	NA	ND(0.49)	NA
Diallate	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
Dibenzo(a,h)anthracene	ND(0.45)	NA	ND(7.4)	0.050 J	NA	ND(0.49)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3		K10-11-5				
Sample ID:	RAA15-C18	RAA15-C18	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	6-10	8-10	0-1	3-6	4-6	1-3	10-12
Parameter Date Collected:	02/26/03	02/26/03	03/03/03	03/03/03	03/03/03	05/03/04	05/03/04
Semivolatile Organics (continued)							
Dibenzofuran	ND(0.45)	NA	0.74 J	0.040 J	NA	ND(0.49)	NA
Diethylphthalate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Dimethylphthalate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Di-n-Butylphthalate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Di-n-Octylphthalate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Diphenylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Ethyl Methanesulfonate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Fluoranthene	ND(0.45)	NA	15	0.86	NA	0.12 J	NA
Fluorene	ND(0.45)	NA	1.4 J	0.057 J	NA	ND(0.49)	NA
Hexachlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Hexachlorobutadiene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Hexachlorocyclopentadiene	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49)	NA
Hexachloroethane	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Hexachlorophene	ND(9.2) J	NA	ND(150)	ND(7.4)	NA	ND(0.98)	NA
Hexachloropropene	ND(4.5)	NA	ND(74)	ND(3.6)	NA	ND(0.49) J	NA
Indeno(1,2,3-cd)pyrene	ND(0.45)	NA	2.3 J	0.18 J	NA	ND(0.49)	NA
Isodrin	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Isophorone	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Isosafrole	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
Methapyrilene	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90) J	NA
Methyl Methanesulfonate	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49) J	NA
Naphthalene	ND(0.45)	NA	ND(7.4)	0.024 J	NA	ND(0.49)	NA
Nitrobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
N-Nitrosodiethylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49) J	NA
N-Nitrosodimethylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
N-Nitroso-di-n-butylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
N-Nitroso-di-n-propylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
N-Nitrosodiphenylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
N-Nitrosomethylethylamine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
N-Nitrosomorpholine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
N-Nitrosopiperidine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
N-Nitrosopyrrolidine	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.90)	NA
o,o,o-Triethylphosphorothioate	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49)	NA
o-Toluidine	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.49)	NA
p-Dimethylaminoazobenzene	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90)	NA
Pentachlorobenzene	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Pentachloroethane	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49) J	NA
Pentachloronitrobenzene	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.90) J	NA
Pentachlorophenol	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(2.4)	NA
Phenacetin	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.90) J	NA
Phenanthrene	ND(0.45)	NA	12	0.67	NA	ND(0.49)	NA
Phenol	ND(0.45)	NA	ND(7.4)	ND(0.36)	NA	ND(0.49)	NA
Pronamide	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.49)	NA
Pyrene	ND(0.45)	NA	10	0.62	NA	0.12 J	NA
Pyridine	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.49)	NA
Safrole	ND(0.91)	NA	ND(15)	ND(0.73)	NA	ND(0.49)	NA
Thionazin	ND(2.2)	NA	ND(36)	ND(1.8)	NA	ND(0.49)	NA
Furans							
2,3,7,8-TCDF	ND(0.00000068)	NA	0.0000073 J	ND(0.0000028) X	NA	0.0000097 Y	NA
TCDFs (total)	ND(0.00000068)	NA	ND(0.000080) X	ND(0.000023) X	NA	0.000093	NA
1,2,3,7,8-PeCDF	ND(0.00000034)	NA	0.0000028 J	ND(0.00000047)	NA	0.0000056	NA
2,3,4,7,8-PeCDF	ND(0.00000033)	NA	0.0000047 J	ND(0.00000077) X	NA	0.0000099	NA
PeCDFs (total)	ND(0.00000034)	NA	ND(0.00023) X	ND(0.000038) X	NA	0.000094	NA
1,2,3,4,7,8-HxCDF	ND(0.00000022)	NA	ND(0.000039) X	ND(0.0000011) X	NA	0.000019	NA
1,2,3,6,7,8-HxCDF	ND(0.00000021)	NA	0.0000054 J	ND(0.0000046) X	NA	0.0000088	NA
1,2,3,7,8,9-HxCDF	ND(0.00000026)	NA	ND(0.00000089)	ND(0.00000043)	NA	0.0000027 J	NA
2,3,4,6,7,8-HxCDF	ND(0.00000024)	NA	0.0000041 J	ND(0.00000049) X	NA	0.0000066	NA
HxCDFs (total)	0.00000064 J	NA	ND(0.00022) X	ND(0.000028) X	NA	0.000095	NA
1,2,3,4,6,7,8-HpCDF	0.00000082 J	NA	0.000030 J	0.0000022 J	NA	0.000036	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000038)	NA	0.000019 J	ND(0.00000062)	NA	0.000011	NA
HpCDFs (total)	ND(0.0000016) X	NA	0.00011	ND(0.0000049) X	NA	0.000076	NA
OCDF	0.0000015 J	NA	0.00011 J	ND(0.0000027)	NA	0.000080	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-3		K10-11-5				
Sample ID:	RAA15-C18	RAA15-C18	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	6-10	8-10	0-1	3-6	4-6	1-3	10-12
Parameter Date Collected:	02/26/03	02/26/03	03/03/03	03/03/03	03/03/03	05/03/04	05/03/04
Dioxins							
2,3,7,8-TCDD	ND(0.00000095)	NA	ND(0.0000018)	ND(0.00000085)	NA	0.00000026 J	NA
TCDDs (total)	ND(0.00000095)	NA	ND(0.0000018)	ND(0.00000085)	NA	0.0000013	NA
1,2,3,7,8-PeCDD	ND(0.00000066)	NA	ND(0.0000012)	ND(0.00000045)	NA	ND(0.00000050) X	NA
PeCDDs (total)	ND(0.00000066)	NA	ND(0.000019) X	ND(0.00000045)	NA	0.0000038	NA
1,2,3,4,7,8-HxCDD	ND(0.00000057)	NA	ND(0.0000014)	ND(0.00000065)	NA	0.00000067 J	NA
1,2,3,6,7,8-HxCDD	ND(0.00000054)	NA	ND(0.0000014)	ND(0.00000061)	NA	0.00000089 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000056)	NA	ND(0.0000014)	ND(0.00000063)	NA	0.0000013 J	NA
HxCDDs (total)	ND(0.00000056)	NA	ND(0.000038) X	ND(0.0000021) X	NA	0.000011	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000050)	NA	ND(0.000018) X	0.0000024 J	NA	0.0000081	NA
HpCDDs (total)	ND(0.00000050)	NA	ND(0.000034) X	0.0000053 J	NA	0.000016	NA
OCDD	ND(0.0000058)	NA	0.00025 J	0.000022 J	NA	0.000044	NA
Total TEQs (WHO TEFs)	0.0000011	NA	0.0000085	0.0000015	NA	0.000011	NA
Inorganics							
Antimony	ND(8.20) J	NA	ND(6.70) J	ND(6.60) J	NA	ND(6.00)	NA
Arsenic	1.80	NA	5.60	5.00	NA	4.40	NA
Barium	35.2	NA	32.9	25.0	NA	49.0	NA
Beryllium	ND(0.590)	NA	ND(0.380)	ND(0.430)	NA	0.500 B	NA
Cadmium	ND(0.690)	NA	ND(0.560)	ND(0.550)	NA	1.00	NA
Chromium	10.2	NA	9.50	8.60	NA	15.0	NA
Cobalt	6.80 B	NA	8.20	6.60	NA	10.0	NA
Copper	11.2	NA	44.6	16.6	NA	28.0	NA
Cyanide	0.270 B	NA	ND(0.560)	ND(0.550)	NA	0.0700 B	NA
Lead	5.60	NA	35.8 J	14.4 J	NA	73.0	NA
Mercury	0.0260 B	NA	0.0790	0.0810	NA	0.370	NA
Nickel	12.9 J	NA	15.1	12.9	NA	16.0	NA
Selenium	ND(0.690) J	NA	ND(0.560)	ND(0.550)	NA	0.680 J	NA
Silver	ND(1.40)	NA	ND(1.10)	ND(1.10)	NA	ND(1.00)	NA
Sulfide	ND(13.7)	NA	ND(11.2)	ND(11.0)	NA	6.40 B	NA
Thallium	ND(1.40)	NA	ND(1.10) J	ND(1.10) J	NA	ND(1.30) J	NA
Tin	ND(5.50)	NA	ND(4.90)	ND(4.10)	NA	ND(10)	NA
Vanadium	12.0	NA	12.7	10.2	NA	18.0	NA
Zinc	53.7	NA	69.2	56.2	NA	100	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				
Sample ID:	RAA15-B19S	RAA15-B21	RAA15-B22	RAA15-B24	RAA15-C19
Sample Depth(Feet):	10-15	0-1	1-3	0-1	0-1
Parameter Date Collected:	05/03/04	03/03/03	02/28/03	03/03/03	02/27/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,1,1-Trichloroethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,1,2,2-Tetrachloroethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,1,2-Trichloroethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,1-Dichloroethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,1-Dichloroethene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,2,3-Trichloropropane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,2-Dibromo-3-chloropropane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,2-Dibromoethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,2-Dichloroethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,2-Dichloropropane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
1,4-Dioxane	NA	ND(1.0) J	ND(1.1) J	ND(1.7) J [ND(1.6) J]	ND(2.7) J
2-Butanone	NA	ND(0.0051) J	ND(0.0055) J	ND(0.0086) J [ND(0.0081) J]	ND(0.013) J
2-Chloro-1,3-butadiene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
2-Chloroethylvinylether	NA	ND(0.010) J	ND(0.011) J	ND(0.017) J [ND(0.016) J]	ND(0.027) J
2-Hexanone	NA	ND(0.020) J	ND(0.022)	ND(0.034) J [ND(0.033) J]	ND(0.053)
3-Chloropropene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
4-Methyl-2-pentanone	NA	ND(0.020) J	ND(0.022)	ND(0.034) J [ND(0.033) J]	ND(0.053)
Acetone	NA	ND(0.020)	ND(0.022) J	ND(0.034) [ND(0.033)]	ND(0.053) J
Acetonitrile	NA	ND(0.10) J	ND(0.11) J	ND(0.17) J [ND(0.16) J]	ND(0.27) J
Acrolein	NA	ND(0.10) J	ND(0.11) J	ND(0.17) J [ND(0.16) J]	ND(0.27) J
Acrylonitrile	NA	ND(0.10)	ND(0.11)	ND(0.17) [ND(0.16)]	ND(0.27)
Benzene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Bromodichloromethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Bromoform	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Bromomethane	NA	ND(0.0051) J	ND(0.0055)	ND(0.0086) J [ND(0.0081) J]	ND(0.013)
Carbon Disulfide	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Carbon Tetrachloride	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Chlorobenzene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Chloroethane	NA	ND(0.010) J	ND(0.011) J	ND(0.017) J [ND(0.016) J]	ND(0.027) J
Chloroform	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Chloromethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
cis-1,3-Dichloropropene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Dibromochloromethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Dibromomethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Dichlorodifluoromethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Ethyl Methacrylate	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Ethylbenzene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Iodomethane	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Isobutanol	NA	ND(0.20) J	ND(0.22) J	ND(0.34) J [ND(0.33) J]	ND(0.53) J
Methacrylonitrile	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Methyl Methacrylate	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Methylene Chloride	NA	0.0018 J	ND(0.0055)	0.0034 J [0.0037 J]	ND(0.013)
Propionitrile	NA	ND(0.010)	ND(0.011)	ND(0.017) [ND(0.016)]	ND(0.027)
Styrene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Tetrachloroethene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Toluene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
trans-1,2-Dichloroethene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
trans-1,3-Dichloropropene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
trans-1,4-Dichloro-2-butene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Trichloroethene	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Trichlorofluoromethane	NA	ND(0.0051) J	ND(0.0055) J	ND(0.0086) J [ND(0.0081) J]	ND(0.013) J
Vinyl Acetate	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Vinyl Chloride	NA	ND(0.010)	ND(0.011)	ND(0.017) [ND(0.016)]	ND(0.027)
Xylenes (total)	NA	ND(0.0051)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.013)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
1,2,4-Trichlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
1,2-Dichlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
1,2-Diphenylhydrazine	ND(0.52) J	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
1,3,5-Trinitrobenzene	ND(0.52)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
1,3-Dichlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				
Sample ID:	RAA15-B19S	RAA15-B21	RAA15-B22	RAA15-B24	RAA15-C19
Sample Depth(Feet):	10-15	0-1	1-3	0-1	0-1
Parameter Date Collected:	05/03/04	03/03/03	02/28/03	03/03/03	02/27/03
Semivolatile Organics (continued)					
1,3-Dinitrobenzene	ND(0.87) J	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
1,4-Dichlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
1,4-Naphthoquinone	ND(0.87) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
1-Naphthylamine	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,3,4,6-Tetrachlorophenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,4,5-Trichlorophenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,4,6-Trichlorophenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,4-Dichlorophenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,4-Dimethylphenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,4-Dinitrophenol	ND(2.6)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
2,4-Dinitrotoluene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,6-Dichlorophenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2,6-Dinitrotoluene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2-Acetylaminofluorene	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
2-Chloronaphthalene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2-Chlorophenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2-Methylnaphthalene	ND(0.52)	ND(1.5)	ND(0.39)	0.12 J [0.053 J]	ND(0.47)
2-Methylphenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2-Naphthylamine	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2-Nitroaniline	ND(2.6) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
2-Nitrophenol	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
2-Picoline	ND(0.52)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
3&4-Methylphenol	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
3,3'-Dichlorobenzidine	ND(1.0)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
3,3'-Dimethylbenzidine	ND(0.52)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
3-Methylcholanthrene	ND(0.87)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
3-Nitroaniline	ND(2.6)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
4,6-Dinitro-2-methylphenol	ND(0.52)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
4-Aminobiphenyl	ND(0.87)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
4-Bromophenyl-phenylether	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
4-Chloro-3-Methylphenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
4-Chloroaniline	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
4-Chlorobenzilate	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
4-Chlorophenyl-phenylether	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
4-Nitroaniline	ND(2.2) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
4-Nitrophenol	ND(2.6) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
4-Nitroquinoline-1-oxide	ND(0.87) J	ND(15)	ND(3.9)	ND(4.5) [ND(4.4)]	ND(4.7)
4-Phenylenediamine	ND(0.87)	ND(29)	ND(7.7)	ND(9.1) [ND(8.8)]	ND(9.5)
5-Nitro-o-toluidine	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
7,12-Dimethylbenz(a)anthracene	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
a,a'-Dimethylphenethylamine	ND(0.87) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Acenaphthene	ND(0.52)	0.24 J	ND(0.39)	0.052 J [0.038 J]	ND(0.47)
Acenaphthylene	ND(0.52)	0.47 J	ND(0.39)	0.095 J [0.099 J]	0.065 J
Acetophenone	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Aniline	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Anthracene	ND(0.52)	0.76 J	ND(0.39)	0.13 J [0.13 J]	ND(0.47)
Aramite	ND(0.87)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Benzidine	ND(1.0) J	ND(15)	ND(3.9)	ND(4.5) [ND(4.4)]	ND(4.7)
Benzo(a)anthracene	ND(0.52)	1.8	ND(0.39)	0.38 J [0.39 J]	0.22 J
Benzo(a)pyrene	0.14 J	1.9	ND(0.39)	0.46 [0.46]	0.27 J
Benzo(b)fluoranthene	ND(0.52)	1.7	ND(0.39)	0.49 [0.55]	0.27 J
Benzo(g,h,i)perylene	ND(0.52)	0.64 J	ND(0.39)	0.17 J [0.11 J]	0.13 J
Benzo(k)fluoranthene	ND(0.52)	2.0	ND(0.39)	0.46 [0.54]	0.25 J
Benzyl Alcohol	ND(1.0) J	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
bis(2-Chloroethoxy)methane	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
bis(2-Chloroethyl)ether	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
bis(2-Chloroisopropyl)ether	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(1.5)	ND(0.39)	0.068 J [0.25 J]	ND(0.47)
Butylbenzylphthalate	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Chrysene	ND(0.52)	2.1	ND(0.39)	0.50 [0.55]	0.31 J
Diallate	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Dibenzo(a,h)anthracene	ND(0.52)	0.23 J	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				
Sample ID:	RAA15-B19S	RAA15-B21	RAA15-B22	RAA15-B24	RAA15-C19
Sample Depth(Feet):	10-15	0-1	1-3	0-1	0-1
Parameter Date Collected:	05/03/04	03/03/03	02/28/03	03/03/03	02/27/03
Semivolatile Organics (continued)					
Dibenzofuran	ND(0.52)	0.16 J	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Diethylphthalate	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Dimethylphthalate	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Di-n-Butylphthalate	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Di-n-Octylphthalate	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Diphenylamine	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Ethyl Methanesulfonate	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Fluoranthene	ND(0.52)	4.6	ND(0.39)	0.94 [1.2]	0.49
Fluorene	ND(0.52)	0.38 J	ND(0.39)	0.057 J [0.058 J]	ND(0.47)
Hexachlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Hexachlorobutadiene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Hexachlorocyclopentadiene	ND(0.52)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Hexachloroethane	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Hexachlorophene	ND(1.0)	ND(30)	ND(7.9) J	ND(9.2) [ND(8.9)]	ND(9.6) J
Hexachloropropene	ND(0.52) J	ND(15)	ND(3.9)	ND(4.5) [ND(4.4)]	ND(4.7)
Indeno(1,2,3-cd)pyrene	ND(0.52)	0.76 J	ND(0.39)	0.19 J [0.14 J]	0.15 J
Isodrin	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Isophorone	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Isosafrole	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Methapyrilene	ND(0.87) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Methyl Methanesulfonate	ND(0.52) J	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Naphthalene	ND(0.52)	0.13 J	ND(0.39)	0.065 J [0.041 J]	ND(0.47)
Nitrobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosodiethylamine	ND(0.52) J	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosodimethylamine	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitroso-di-n-butylamine	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitroso-di-n-propylamine	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosodiphenylamine	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosomethylethylamine	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosomorpholine	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosopiperidine	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
N-Nitrosopyrrolidine	ND(0.87)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
o,o,o-Triethylphosphorothioate	ND(0.52)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
o-Toluidine	ND(0.52)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
p-Dimethylaminoazobenzene	ND(0.87)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Pentachlorobenzene	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Pentachloroethane	ND(0.52) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Pentachloronitrobenzene	ND(0.87) J	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Pentachlorophenol	ND(2.6)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Phenacetin	ND(0.87) J	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Phenanthrene	ND(0.52)	3.1	ND(0.39)	0.61 [0.69]	0.24 J
Phenol	ND(0.52)	ND(1.5)	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.47)
Pronamide	ND(0.52)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Pyrene	ND(0.52)	2.9	ND(0.39)	0.65 [0.65]	0.39 J
Pyridine	ND(0.52)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Safrole	ND(0.52)	ND(2.9)	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.95)
Thionazin	ND(0.52)	ND(7.1)	ND(1.9)	ND(2.2) [ND(2.1)]	ND(2.3)
Furans					
2,3,7,8-TCDF	ND(0.000000094) X	ND(0.00000054) X	ND(0.00000018)	0.0000054 J [ND(0.0000070) X]	ND(0.0000066) X
TCDFs (total)	ND(0.00000011)	ND(0.0000031) X	ND(0.00000018)	ND(0.000032) X [ND(0.000042) X]	ND(0.000049) X
1,2,3,7,8-PeCDF	ND(0.00000026)	ND(0.00000011)	ND(0.00000010)	0.0000016 J [0.0000021 J]	0.0000021 J
2,3,4,7,8-PeCDF	ND(0.00000026)	0.00000026 J	ND(0.000000096)	ND(0.0000017) X [0.0000022 J]	0.0000021 J
PeCDFs (total)	ND(0.00000026)	ND(0.0000091) X	ND(0.000000099)	ND(0.000033) X [ND(0.000048) X]	ND(0.000043) X
1,2,3,4,7,8-HxCDF	0.000000090 J	0.00000028 J	0.00000011 J	0.00000028 J [0.0000025 J]	0.0000034 J
1,2,3,6,7,8-HxCDF	0.000000071 J	ND(0.00000080) X	ND(0.00000013) X	ND(0.0000036) X [ND(0.0000053) X]	ND(0.0000057) X
1,2,3,7,8,9-HxCDF	ND(0.00000026)	ND(0.000000081)	ND(0.000000081)	ND(0.00000040) [ND(0.000000066)]	ND(0.00000041)
2,3,4,6,7,8-HxCDF	ND(0.00000026)	0.00000024 J	ND(0.000000073)	0.0000010 J [0.0000011 J]	ND(0.00000064) X
HxCDFs (total)	0.00000027	ND(0.0000071) XQJ	ND(0.00000024) X	ND(0.000026) X [ND(0.000042) X]	ND(0.000038) X
1,2,3,4,6,7,8-HpCDF	0.00000015 J	0.00000099 J	ND(0.000000092)	0.000011 J [0.000020]	0.000016 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000026)	ND(0.00000012)	ND(0.00000011)	ND(0.00000046) [ND(0.00000068) X]	ND(0.00000059)
HpCDFs (total)	0.00000015	ND(0.0000027) X	ND(0.00000010)	0.000021 J [ND(0.000038) X]	0.000030 J
OCDF	ND(0.00000052)	ND(0.0000017)	0.00000033 J	ND(0.000010) [0.000020]	ND(0.000019)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				
Sample ID:	RAA15-B19S	RAA15-B21	RAA15-B22	RAA15-B24	RAA15-C19
Sample Depth(Feet):	10-15	0-1	1-3	0-1	0-1
Parameter / Date Collected:	05/03/04	03/03/03	02/28/03	03/03/03	02/27/03
Dioxins					
2,3,7,8-TCDD	ND(0.00000011)	ND(0.00000024)	ND(0.00000024)	ND(0.0000011) [ND(0.00000074) X]	ND(0.0000012)
TCDDs (total)	ND(0.00000025)	ND(0.00000024)	ND(0.00000024)	ND(0.0000011) [ND(0.0000018) X]	ND(0.0000012)
1,2,3,7,8-PeCDD	ND(0.00000026)	ND(0.00000011)	ND(0.00000012)	ND(0.00000059) [ND(0.00000026) X]	ND(0.00000078)
PeCDDs (total)	ND(0.00000026)	ND(0.00000011)	ND(0.00000012)	ND(0.00000059) [ND(0.0000024) X]	ND(0.00000078)
1,2,3,4,7,8-HxCDD	ND(0.00000026)	0.00000013 J	ND(0.00000016)	0.00000013 J [ND(0.00000026) X]	ND(0.00000064)
1,2,3,6,7,8-HxCDD	ND(0.00000026)	ND(0.00000022) X	ND(0.00000015)	ND(0.00000049) [0.00000088 J]	ND(0.00000060)
1,2,3,7,8,9-HxCDD	ND(0.00000026)	0.00000031 J	ND(0.00000015)	ND(0.00000051) [0.00000067 J]	ND(0.00000062)
HxCDDs (total)	ND(0.00000046)	ND(0.0000014) X	ND(0.00000015)	ND(0.0000032) X [ND(0.0000077) X]	ND(0.0000024) X
1,2,3,4,6,7,8-HpCDD	0.00000017 J	0.0000026 J	ND(0.00000014)	0.0000094 J [0.000017]	0.000013 J
HpCDDs (total)	0.00000017	0.0000053 J	ND(0.00000018) X	0.000019 J [ND(0.000034) X]	0.000022 J
OCDD	ND(0.00000081)	ND(0.000017)	ND(0.0000012) X	0.000079 J [0.00017 QJ]	0.00012
Total TEQs (WHO TEFs)	0.00000035	0.00000052	0.00000027	0.0000025 [0.0000032]	0.0000036
Inorganics					
Antimony	ND(6.00)	ND(6.70) J	ND(7.00) J	ND(8.20) J [ND(8.00) J]	ND(8.60) J
Arsenic	0.720 B	2.40	2.80	5.00 [4.90]	5.50
Barium	13.0 B	20.6 B	24.7	56.0 [54.1]	75.4
Beryllium	0.140 B	ND(0.400)	0.400 B	ND(0.620) [ND(0.650)]	0.860
Cadmium	0.290 B	ND(0.560)	ND(0.590)	0.280 B [0.170 B]	ND(0.720)
Chromium	4.10	6.30	7.60	38.5 [34.6]	29.4
Cobalt	3.80 B	6.00	6.80	8.10 [8.80]	11.4
Copper	4.20	13.1	12.2	66.2 [64.4]	30.4
Cyanide	ND(0.130)	ND(0.560)	ND(0.590)	0.250 B [ND(0.670)]	0.320 B
Lead	2.50	17.8 J	5.20	96.4 J [86.2 J]	50.9
Mercury	ND(0.130)	0.0290 B	ND(0.0390)	0.250 [0.250]	0.190
Nickel	6.80	10.1	12.2	26.7 [27.2]	20.0
Selenium	0.660 J	ND(0.560)	0.650	0.720 [ND(0.670)]	1.20
Silver	ND(1.00)	ND(1.10)	ND(1.20)	0.300 B [0.150 B]	ND(1.40)
Sulfide	12.0	ND(11.2)	ND(11.7)	ND(13.7) [ND(13.3)]	ND(14.3)
Thallium	ND(1.30) J	ND(1.10) J	ND(1.20) J	ND(1.40) J [ND(1.30) J]	ND(1.40) J
Tin	ND(10)	ND(3.80)	ND(11.7)	ND(7.60) [ND(7.10)]	ND(14.3)
Vanadium	4.50 B	8.10	9.20	17.8 [15.6]	21.5
Zinc	25.0	43.0	41.3 J	126 [109]	111 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5						
Sample ID:	RAA15-C20	RAA15-C20	RAA15-C23	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	03/04/03	03/04/03	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,1,1-Trichloroethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,1,2,2-Tetrachloroethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,1,2-Trichloroethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,1-Dichloroethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,1-Dichloroethene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,2,3-Trichloropropane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,2-Dibromo-3-chloropropane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,2-Dibromoethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,2-Dichloroethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,2-Dichloropropane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
1,4-Dioxane	NA	ND(1.6) J	ND(1.2) J	ND(1.3) J	NA	ND(1.1) J	ND(0.91) J
2-Butanone	NA	ND(0.0078) J	ND(0.0062) J	ND(0.0064) J	NA	ND(0.0057) J	0.0023 J
2-Chloro-1,3-butadiene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
2-Chloroethylvinylether	NA	ND(0.016) J	ND(0.012) J	ND(0.013) J	NA	ND(0.011) J	ND(0.0091) J
2-Hexanone	NA	ND(0.031) J	ND(0.025) J	ND(0.026) J	NA	ND(0.023) J	ND(0.018) J
3-Chloropropene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
4-Methyl-2-pentanone	NA	ND(0.031) J	ND(0.025) J	ND(0.026) J	NA	ND(0.023) J	ND(0.018) J
Acetone	NA	ND(0.031)	ND(0.025)	ND(0.026)	NA	ND(0.023)	0.0079 J
Acetonitrile	NA	ND(0.16) J	ND(0.12) J	ND(0.13) J	NA	ND(0.11) J	ND(0.091) J
Acrolein	NA	ND(0.16) J	ND(0.12) J	ND(0.13) J	NA	ND(0.11) J	ND(0.091) J
Acrylonitrile	NA	ND(0.16)	ND(0.12)	ND(0.13)	NA	ND(0.11)	ND(0.091)
Benzene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Bromodichloromethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Bromoform	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Bromomethane	NA	ND(0.0078) J	ND(0.0062) J	ND(0.0064) J	NA	ND(0.0057) J	ND(0.0045) J
Carbon Disulfide	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Carbon Tetrachloride	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Chlorobenzene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Chloroethane	NA	ND(0.016) J	ND(0.012) J	ND(0.013) J	NA	ND(0.011) J	ND(0.0091) J
Chloroform	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Chloromethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
cis-1,3-Dichloropropene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Dibromochloromethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Dibromomethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Dichlorodifluoromethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Ethyl Methacrylate	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Ethylbenzene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Iodomethane	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Isobutanol	NA	ND(0.31) J	ND(0.25) J	ND(0.26) J	NA	ND(0.23) J	ND(0.18) J
Methacrylonitrile	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Methyl Methacrylate	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Methylene Chloride	NA	0.0025 J	0.0037 J	0.0028 J	NA	0.0030 J	0.0012 J
Propionitrile	NA	ND(0.016)	ND(0.012)	ND(0.013)	NA	ND(0.011)	ND(0.0091)
Styrene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Tetrachloroethene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Toluene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
trans-1,2-Dichloroethene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
trans-1,3-Dichloropropene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
trans-1,4-Dichloro-2-butene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Trichloroethene	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Trichlorofluoromethane	NA	ND(0.0078) J	ND(0.0062) J	ND(0.0064) J	NA	ND(0.0057) J	ND(0.0045) J
Vinyl Acetate	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Vinyl Chloride	NA	ND(0.016)	ND(0.012)	ND(0.013)	NA	ND(0.011)	ND(0.0091)
Xylenes (total)	NA	ND(0.0078)	ND(0.0062)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
1,2,4-Trichlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
1,2-Dichlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
1,2-Diphenylhydrazine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
1,3,5-Trinitrobenzene	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
1,3-Dichlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA

TABLE C-2
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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5						
Sample ID:	RAA15-C20	RAA15-C20	RAA15-C23	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	03/04/03	03/04/03	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
1,4-Dichlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
1,4-Naphthoquinone	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
1-Naphthylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,4,5-Trichlorophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,4,6-Trichlorophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,4-Dichlorophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,4-Dimethylphenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,4-Dinitrophenol	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
2,4-Dinitrotoluene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,6-Dichlorophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2,6-Dinitrotoluene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Acetylaminofluorene	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
2-Chloronaphthalene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Chlorophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Methylnaphthalene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Methylphenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Naphthylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Nitroaniline	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
2-Nitrophenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
2-Picoline	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
3&4-Methylphenol	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
3,3'-Dichlorobenzidine	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
3,3'-Dimethylbenzidine	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
3-Methylcholanthrene	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
3-Nitroaniline	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
4,6-Dinitro-2-methylphenol	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
4-Aminobiphenyl	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
4-Bromophenyl-phenylether	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
4-Chloro-3-Methylphenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
4-Chloroaniline	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
4-Chlorobenzilate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
4-Chlorophenyl-phenylether	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
4-Nitroaniline	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
4-Nitrophenol	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
4-Nitroquinoline-1-oxide	ND(5.5)	NA	ND(3.7)	ND(3.6)	ND(3.4)	NA	NA
4-Phenylenediamine	ND(11)	NA	ND(7.4)	ND(7.1)	ND(6.9)	NA	NA
5-Nitro-o-toluidine	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
a,a'-Dimethylphenethylamine	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Acenaphthene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Acenaphthylene	ND(0.55)	NA	0.31 J	0.023 J	ND(0.34)	NA	NA
Acetophenone	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Aniline	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Anthracene	ND(0.55)	NA	0.088 J	ND(0.36)	ND(0.34)	NA	NA
Aramite	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Benzidine	ND(5.5)	NA	ND(3.7)	ND(3.6)	ND(3.4)	NA	NA
Benzo(a)anthracene	ND(0.55)	NA	0.34 J	0.061 J	ND(0.34)	NA	NA
Benzo(a)pyrene	ND(0.55)	NA	0.58	0.076 J	ND(0.34)	NA	NA
Benzo(b)fluoranthene	ND(0.55)	NA	0.60	0.072 J	ND(0.34)	NA	NA
Benzo(g,h,i)perylene	ND(0.55)	NA	0.25 J	ND(0.36)	ND(0.34)	NA	NA
Benzo(k)fluoranthene	ND(0.55)	NA	0.56	0.077 J	ND(0.34)	NA	NA
Benzyl Alcohol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
bis(2-Chloroethyl)ether	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Butylbenzylphthalate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Chrysene	ND(0.55)	NA	0.41	0.088 J	ND(0.34)	NA	NA
Diallate	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Dibenzo(a,h)anthracene	ND(0.55)	NA	0.074 J	ND(0.36)	ND(0.34)	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5						
Sample ID:	RAA15-C20	RAA15-C20	RAA15-C23	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter Date Collected:	03/04/03	03/04/03	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Semivolatile Organics (continued)							
Dibenzofuran	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Diethylphthalate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Dimethylphthalate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Di-n-Butylphthalate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Di-n-Octylphthalate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Diphenylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Ethyl Methanesulfonate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Fluoranthene	ND(0.55)	NA	0.52	0.12 J	ND(0.34)	NA	NA
Fluorene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Hexachlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Hexachlorobutadiene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Hexachlorocyclopentadiene	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Hexachloroethane	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Hexachlorophene	ND(11)	NA	ND(7.5)	ND(7.2)	ND(7.0)	NA	NA
Hexachloropropene	ND(5.5)	NA	ND(3.7)	ND(3.6)	ND(3.4)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.55)	NA	0.26 J	ND(0.36)	ND(0.34)	NA	NA
Isodrin	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Isophorone	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Isosafrole	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Methapyrilene	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Methyl Methanesulfonate	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Naphthalene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Nitrobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosodiethylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosodimethylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosodiphenylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosomethylethylamine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosomorpholine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosopiperidine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
N-Nitrosopyrrolidine	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
o,o,o-Triethylphosphorothioate	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
o-Toluidine	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
p-Dimethylaminoazobenzene	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Pentachlorobenzene	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Pentachloroethane	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Pentachloronitrobenzene	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Pentachlorophenol	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Phenacetin	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Phenanthrene	ND(0.55)	NA	0.14 J	0.052 J	ND(0.34)	NA	NA
Phenol	ND(0.55)	NA	ND(0.37)	ND(0.36)	ND(0.34)	NA	NA
Pronamide	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Pyrene	ND(0.55)	NA	0.41	0.10 J	ND(0.34)	NA	NA
Pyridine	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Safrole	ND(1.1)	NA	ND(0.74)	ND(0.71)	ND(0.69)	NA	NA
Thionazin	ND(2.7)	NA	ND(1.8)	ND(1.7)	ND(1.7)	NA	NA
Furans							
2,3,7,8-TCDF	ND(0.00000017)	NA	0.00000052 J	ND(0.0000047) X	ND(0.00000038) X	NA	NA
TCDFs (total)	ND(0.00000017)	NA	ND(0.0000041) X	ND(0.000024) X	ND(0.0000041) X	NA	NA
1,2,3,7,8-PeCDF	ND(0.000000093)	NA	ND(0.00000013)	0.0000011 J	0.00000017 J	NA	NA
2,3,4,7,8-PeCDF	ND(0.000000088)	NA	ND(0.00000012)	ND(0.0000012) X	ND(0.00000021) X	NA	NA
PeCDFs (total)	ND(0.000000091)	NA	ND(0.0000061) X	ND(0.000027) X	ND(0.0000091) X	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000000068)	NA	ND(0.00000015) X	0.0000015 J	0.00000022 J	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000000063)	NA	ND(0.00000055) X	ND(0.0000041) X	ND(0.00000091) X	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000000080)	NA	ND(0.00000011)	ND(0.00000028)	0.00000019 J	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000000073)	NA	ND(0.00000019) X	ND(0.00000053) X	ND(0.00000023) X	NA	NA
HxCDFs (total)	0.000000094 J	NA	ND(0.0000035) X	ND(0.000027) X	ND(0.0000060) X	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00000032 J	NA	0.00000041 J	0.000018 J	ND(0.00000070) X	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000011)	NA	ND(0.00000018)	ND(0.00000043)	0.00000035 J	NA	NA
HpCDFs (total)	ND(0.00000059) X	NA	0.00000082 J	0.000033 J	ND(0.0000017) X	NA	NA
OCDF	ND(0.00000046) X	NA	ND(0.000001)	ND(0.000013)	ND(0.0000011)	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5						
Sample ID:	RAA15-C20	RAA15-C20	RAA15-C23	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	6-10	8-10	0-1	1-3	3-6	4-6	10-12
Parameter / Date Collected:	03/04/03	03/04/03	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Dioxins							
2,3,7,8-TCDD	ND(0.00000023)	NA	ND(0.00000028)	ND(0.00000067) X	ND(0.00000015)	NA	NA
TCDDs (total)	ND(0.00000023)	NA	ND(0.00000028)	ND(0.00000067) X	ND(0.00000015)	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000010)	NA	ND(0.00000016)	ND(0.00000043)	ND(0.000000072)	NA	NA
PeCDDs (total)	ND(0.00000010)	NA	ND(0.00000016)	ND(0.00000043)	ND(0.000000072)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000012)	NA	ND(0.00000018)	ND(0.00000049)	ND(0.00000013) X	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000011)	NA	ND(0.00000017)	ND(0.00000046)	0.00000019 J	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000012)	NA	ND(0.00000018)	ND(0.00000048)	ND(0.00000022) X	NA	NA
HxCDDs (total)	ND(0.00000012)	NA	ND(0.00000018)	ND(0.0000028) X	ND(0.00000098) X	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000036) X	NA	ND(0.00000060) X	0.0000081 J	ND(0.00000074)	NA	NA
HpCDDs (total)	ND(0.00000064) X	NA	ND(0.0000011) X	0.000016 J	0.0000013 J	NA	NA
OCDD	0.0000031 J	NA	ND(0.0000049) J	0.000079	ND(0.0000039)	NA	NA
Total TEQs (WHO TEFs)	0.00000024	NA	0.00000039	0.0000019	0.00000034	NA	NA
Inorganics							
Antimony	ND(10.0) J	NA	ND(6.70) J	ND(6.50) J	ND(6.20) J	NA	NA
Arsenic	1.50 B	NA	2.50	2.60	2.30	NA	NA
Barium	29.3 B	NA	21.1 B	22.5	14.6 B	NA	NA
Beryllium	ND(0.570)	NA	ND(0.410)	ND(0.380)	ND(0.300)	NA	NA
Cadmium	ND(0.830)	NA	ND(0.560)	ND(0.540)	ND(0.520)	NA	NA
Chromium	10.8	NA	8.20	7.40	5.20	NA	NA
Cobalt	7.10 B	NA	4.80 B	4.80 B	4.20 B	NA	NA
Copper	10.0 J	NA	9.30	10.8	12.4	NA	NA
Cyanide	ND(0.830)	NA	ND(0.560)	ND(0.540)	ND(0.520)	NA	NA
Lead	5.20	NA	8.20 J	14.1 J	5.90	NA	NA
Mercury	0.0360 B	NA	0.0370 B	0.0350 B	0.0260 B	NA	NA
Nickel	14.0	NA	9.20	8.80	8.30	NA	NA
Selenium	ND(0.830) J	NA	ND(0.560)	ND(0.540)	ND(0.520)	NA	NA
Silver	ND(1.70)	NA	ND(1.10)	ND(1.10)	ND(1.00)	NA	NA
Sulfide	ND(16.6)	NA	ND(11.1)	ND(10.8)	ND(10.4)	NA	NA
Thallium	ND(1.70) J	NA	ND(1.10) J	ND(1.10) J	ND(1.00) J	NA	NA
Tin	ND(6.10)	NA	ND(3.70)	ND(4.00)	ND(3.50)	NA	NA
Vanadium	12.0	NA	8.10	7.30	5.20	NA	NA
Zinc	58.2	NA	29.6	34.4	30.1	NA	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				Undeveloped Longview Terrace	
Sample ID:	RAA15-C24	RAA15-D21	RAA15-D25	RAA15-D27	RAA15-E1	RAA15-E1
Sample Depth(Feet):	10-15	0-1	0-1	0-1	0-1	3-6
Parameter Date Collected:	03/03/03	03/04/03	03/04/03	03/04/03	03/10/03	03/10/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,1,1-Trichloroethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,1,2-Trichloroethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,1-Dichloroethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,1-Dichloroethene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,2,3-Trichloropropane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,2-Dibromoethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,2-Dichloroethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,2-Dichloropropane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
1,4-Dioxane	NA	ND(1.6) J	ND(1.7) J	ND(0.97) J	ND(0.94) J	NA
2-Butanone	NA	ND(0.0080) J	ND(0.0086) J	ND(0.0049) J	ND(0.0047) J	NA
2-Chloro-1,3-butadiene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
2-Chloroethylvinylether	NA	ND(0.016) J	ND(0.017) J	ND(0.0097) J	ND(0.0094) J	NA
2-Hexanone	NA	ND(0.032) J	ND(0.034) J	ND(0.019) J	ND(0.019) J	NA
3-Chloropropene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047) J	NA
4-Methyl-2-pentanone	NA	ND(0.032) J	ND(0.034) J	ND(0.019) J	ND(0.019)	NA
Acetone	NA	ND(0.032)	0.012 J	ND(0.019)	ND(0.019) J	NA
Acetonitrile	NA	ND(0.16) J	ND(0.17) J	ND(0.097) J	ND(0.094)	NA
Acrolein	NA	ND(0.16) J	ND(0.17) J	ND(0.097) J	ND(0.094)	NA
Acrylonitrile	NA	ND(0.16)	ND(0.17)	ND(0.097)	ND(0.094)	NA
Benzene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Bromodichloromethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Bromoform	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Bromomethane	NA	ND(0.0080) J	ND(0.0086) J	ND(0.0049) J	ND(0.0047)	NA
Carbon Disulfide	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Carbon Tetrachloride	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Chlorobenzene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Chloroethane	NA	ND(0.016) J	ND(0.017) J	ND(0.0097) J	ND(0.0094)	NA
Chloroform	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Chloromethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
cis-1,3-Dichloropropene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Dibromochloromethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Dibromomethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Dichlorodifluoromethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Ethyl Methacrylate	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047) J	NA
Ethylbenzene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Iodomethane	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Isobutanol	NA	ND(0.32) J	ND(0.34) J	ND(0.19) J	ND(0.19) J	NA
Methacrylonitrile	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047) J	NA
Methyl Methacrylate	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047) J	NA
Methylene Chloride	NA	0.0049 J	0.0021 J	0.0035 J	ND(0.0047)	NA
Propionitrile	NA	ND(0.016)	ND(0.017)	ND(0.0097)	ND(0.0094)	NA
Styrene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Tetrachloroethene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Toluene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
trans-1,2-Dichloroethene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
trans-1,3-Dichloropropene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047) J	NA
Trichloroethene	NA	ND(0.0080)	0.0039 J	ND(0.0049)	ND(0.0047)	NA
Trichlorofluoromethane	NA	ND(0.0080) J	ND(0.0086) J	ND(0.0049) J	ND(0.0047)	NA
Vinyl Acetate	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047) J	NA
Vinyl Chloride	NA	ND(0.016)	ND(0.017)	ND(0.0097)	ND(0.0094)	NA
Xylenes (total)	NA	ND(0.0080)	ND(0.0086)	ND(0.0049)	ND(0.0047)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
1,2-Dichlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
1,3,5-Trinitrobenzene	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
1,3-Dichlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				Undeveloped Longview Terrace	
Sample ID:	RAA15-C24	RAA15-D21	RAA15-D25	RAA15-D27	RAA15-E1	RAA15-E1
Sample Depth(Feet):	10-15	0-1	0-1	0-1	0-1	3-6
Parameter / Date Collected:	03/03/03	03/04/03	03/04/03	03/04/03	03/10/03	03/10/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
1,4-Dichlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
1,4-Naphthoquinone	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
1-Naphthylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,4-Dichlorophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,4-Dimethylphenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,4-Dinitrophenol	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
2,4-Dinitrotoluene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,6-Dichlorophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2,6-Dinitrotoluene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2-Acetylaminofluorene	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
2-Chloronaphthalene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2-Chlorophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2-Methylnaphthalene	ND(0.39)	ND(0.52)	0.062 J	0.055 J	ND(0.72)	ND(0.39)
2-Methylphenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2-Naphthylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2-Nitroaniline	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
2-Nitrophenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
2-Picoline	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
3&4-Methylphenol	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
3,3'-Dichlorobenzidine	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
3,3'-Dimethylbenzidine	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
3-Methylcholanthrene	ND(1.9)	ND(2.5)	ND(1.9)	0.052 J	ND(3.5)	ND(1.9)
3-Nitroaniline	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
4-Aminobiphenyl	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
4-Chloroaniline	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
4-Chlorobenzilate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
4-Nitroaniline	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
4-Nitrophenol	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(3.9)	ND(5.2)	ND(4.0)	ND(3.7)	ND(7.2)	ND(3.9)
4-Phenylenediamine	ND(7.7)	ND(10)	ND(7.9)	ND(7.3)	ND(14)	ND(7.7)
5-Nitro-o-toluidine	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
7,12-Dimethylbenz(a)anthracene	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
a,a'-Dimethylphenethylamine	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Acenaphthene	0.034 J	ND(0.52)	ND(0.40)	0.054 J	ND(0.72)	0.036 J
Acenaphthylene	0.031 J	0.084 J	0.14 J	0.38	0.053 J	ND(0.39)
Acetophenone	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Aniline	ND(0.39)	ND(0.52)	ND(0.40)	0.27 J	ND(0.72)	ND(0.39)
Anthracene	0.093 J	ND(0.52)	0.090 J	0.36 J	ND(0.72)	0.16 J
Aramite	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Benzidine	ND(3.9)	ND(5.2)	ND(4.0)	ND(3.7)	ND(7.2)	ND(3.9)
Benzo(a)anthracene	0.20 J	0.24 J	0.34 J	1.8	0.095 J	0.21 J
Benzo(a)pyrene	0.20 J	0.29 J	0.40	2.1	0.12 J	0.16 J
Benzo(b)fluoranthene	0.17 J	0.27 J	0.44	2.4	0.12 J	0.13 J
Benzo(g,h,i)perylene	0.088 J	0.12 J	0.18 J	1.0	ND(0.72)	ND(0.39)
Benzo(k)fluoranthene	0.19 J	0.30 J	0.40	1.2	0.14 J	0.17 J
Benzyl Alcohol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Butylbenzylphthalate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Chrysene	0.22 J	0.34 J	0.46	2.1	0.17 J	0.20 J
Diallate	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.52)	0.055 J	0.45	ND(0.72)	ND(0.39)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				Undeveloped Longview Terrace	
Sample ID:	RAA15-C24	RAA15-D21	RAA15-D25	RAA15-D27	RAA15-E1	RAA15-E1
Sample Depth(Feet):	10-15	0-1	0-1	0-1	0-1	3-6
Parameter / Date Collected:	03/03/03	03/04/03	03/04/03	03/04/03	03/10/03	03/10/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.39)	ND(0.52)	0.051 J	0.037 J	ND(0.72)	0.042 J
Diethylphthalate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Dimethylphthalate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Di-n-Butylphthalate	ND(0.39)	ND(0.52)	ND(0.40)	0.086 J	ND(0.72)	ND(0.39)
Di-n-Octylphthalate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Diphenylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Ethyl Methanesulfonate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Fluoranthene	0.45	0.53	0.73	2.9	0.19 J	0.57
Fluorene	0.041 J	ND(0.52)	ND(0.40)	0.075 J	ND(0.72)	0.042 J
Hexachlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Hexachlorobutadiene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Hexachlorocyclopentadiene	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Hexachloroethane	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Hexachlorophene	ND(7.9)	ND(11)	ND(8.0)	ND(7.4)	ND(15)	ND(7.8)
Hexachloropropene	ND(3.9)	ND(5.2)	ND(4.0)	ND(3.7)	ND(7.2)	ND(3.9)
Indeno(1,2,3-cd)pyrene	0.098 J	0.15 J	0.22 J	1.2	ND(0.72)	0.057 J
Isodrin	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Isophorone	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Isosafrole	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Methapyrilene	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Methyl Methanesulfonate	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Naphthalene	0.028 J	ND(0.52)	0.062 J	0.064 J	ND(0.72)	0.068 J
Nitrobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosodiethylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosodimethylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosomorpholine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosopiperidine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
o-Toluidine	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
p-Dimethylaminoazobenzene	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Pentachlorobenzene	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Pentachloroethane	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Pentachloronitrobenzene	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Pentachlorophenol	ND(1.9)	ND(2.5)	ND(1.9)	0.13 J	ND(3.5)	ND(1.9)
Phenacetin	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Phenanthrene	0.34 J	0.25 J	0.32 J	1.1	ND(0.72)	0.53
Phenol	ND(0.39)	ND(0.52)	ND(0.40)	ND(0.37)	ND(0.72)	ND(0.39)
Pronamide	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Pyrene	0.33 J	0.38 J	0.53	2.6	0.15 J	0.31 J
Pyridine	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Safrole	ND(0.77)	ND(1.0)	ND(0.79)	ND(0.73)	ND(1.4)	ND(0.77)
Thionazin	ND(1.9)	ND(2.5)	ND(1.9)	ND(1.8)	ND(3.5)	ND(1.9)
Furans						
2,3,7,8-TCDF	0.0000021	ND(0.000019) X	ND(0.0000038) X	ND(0.0000047) X	ND(0.0000021) X	ND(0.00000021)
TCDFs (total)	ND(0.000021) X	ND(0.00011) X	ND(0.000063) X	ND(0.00016) X	ND(0.000023) X	ND(0.00000021)
1,2,3,7,8-PeCDF	0.00000093 J	0.0000056 J	0.0000011 J	0.0000017 J	ND(0.00000068) X	ND(0.00000012)
2,3,4,7,8-PeCDF	0.0000011 J	0.0000049 J	0.0000017 J	0.0000025 J	0.0000011 J	ND(0.00000011)
PeCDFs (total)	ND(0.000029) X	ND(0.000086) X	ND(0.00013) X	ND(0.00031) X	ND(0.000052) X	ND(0.00000018) X
1,2,3,4,7,8-HxCDF	0.0000010 J	0.0000052 J	0.0000026 J	0.0000032 J	ND(0.0000060) X	ND(0.00000010)
1,2,3,6,7,8-HxCDF	ND(0.0000028) X	ND(0.0000095) X	ND(0.000019) X	ND(0.000054) X	ND(0.00000077) X	ND(0.000000097)
1,2,3,7,8,9-HxCDF	0.00000079 J	0.00000019 J	ND(0.00000018)	ND(0.00000014) X	ND(0.00000030)	ND(0.00000012)
2,3,4,6,7,8-HxCDF	0.00000090 J	0.0000016 J	ND(0.0000014) X	0.0000012 J	ND(0.00000071) X	ND(0.00000011)
HxCDFs (total)	ND(0.000018) X	ND(0.000070) X	ND(0.00011) X	ND(0.00024) X	ND(0.000037) X	0.00000015 J
1,2,3,4,6,7,8-HpCDF	0.0000043 J	0.000039	0.000026	0.0000068	0.0000029 J	ND(0.00000017)
1,2,3,4,7,8,9-HpCDF	0.00000099 J	ND(0.0000012) X	0.0000020 J	ND(0.00000097) X	ND(0.00000067)	ND(0.00000021)
HpCDFs (total)	0.0000083 J	ND(0.000073) X	ND(0.000078) X	ND(0.000016) X	0.0000073 J	ND(0.00000019)
OCDF	ND(0.0000047)	0.000031	0.000065	0.0000073 J	0.0000028 J	ND(0.00000037)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-11-5				Undeveloped Longview Terrace	
Sample ID:	RAA15-C24	RAA15-D21	RAA15-D25	RAA15-D27	RAA15-E1	RAA15-E1
Sample Depth(Feet):	10-15	0-1	0-1	0-1	0-1	3-6
Parameter / Date Collected:	03/03/03	03/04/03	03/04/03	03/04/03	03/10/03	03/10/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000016)	ND(0.00000067) X	ND(0.00000041)	ND(0.00000025)	ND(0.00000042)	ND(0.00000028)
TCDDs (total)	ND(0.00000016)	ND(0.0000031) X	ND(0.0000037) X	0.00000051 J	ND(0.00000039) X	ND(0.00000048) X
1,2,3,7,8-PeCDD	ND(0.00000041) X	ND(0.00000046) X	ND(0.00000052) X	ND(0.00000030) X	ND(0.00000032)	ND(0.00000014)
PeCDDs (total)	ND(0.00000061) X	ND(0.0000035) X	ND(0.0000038) X	ND(0.0000029) X	ND(0.00000032)	ND(0.00000033) X
1,2,3,4,7,8-HxCDD	0.00000067 J	0.00000050 J	ND(0.00000090) X	ND(0.00000032) X	ND(0.00000044)	ND(0.00000022)
1,2,3,6,7,8-HxCDD	0.00000062 J	0.0000015 J	0.0000039 J	0.0000011 J	ND(0.00000041)	ND(0.00000021)
1,2,3,7,8,9-HxCDD	0.00000066 QJ	ND(0.0000011) X	0.0000021 J	0.00000083 J	ND(0.00000043)	ND(0.00000021)
HxCDDs (total)	ND(0.0000031) XQJ	ND(0.000011) X	ND(0.000025) X	ND(0.0000093) X	ND(0.00000096) X	0.00000075 J
1,2,3,4,6,7,8-HpCDD	0.0000021 J	0.00003	0.000073	0.0000074	0.0000019 J	0.00000043 QJ
HpCDDs (total)	0.0000033 J	0.000052	0.00016	0.000014	ND(0.0000038) X	0.00000043 QJ
OCDD	0.000013	0.00028 J	0.00051 J	0.000044 J	0.000013 J	ND(0.0000010) XQJ
Total TEQs (WHO TEFs)	0.0000018	0.0000064	0.0000046	0.0000054	0.0000015	0.00000031
Inorganics						
Antimony	ND(7.00) J	0.770 J	0.660 J	ND(6.60) J	0.510 B	ND(7.00)
Arsenic	3.50	6.50	9.30	5.70	2.90	4.50
Barium	24.3	138	30.8	39.1	21.4 J	38.0 J
Beryllium	ND(0.460)	ND(0.780)	ND(0.410)	ND(0.420)	0.310 B	0.550 B
Cadmium	ND(0.590)	0.0970 B	ND(0.600)	ND(0.550)	ND(0.550)	ND(0.580)
Chromium	8.70	46.0	8.50	9.50	4.60	9.30
Cobalt	7.90	10.0	6.10	9.40	4.30 B	10.6
Copper	22.6	44.2 J	31.1 J	28.1 J	24.3 J	23.2 J
Cyanide	ND(0.590)	0.320 B	ND(0.600)	ND(0.550)	0.250 B	0.210 B
Lead	18.3 J	160	52.5	21.2	29.6 J	9.60 J
Mercury	0.0670	0.490	0.0730	0.0460	0.430 J	0.920 J
Nickel	13.2	19.4	12.9	17.7	7.50	17.6
Selenium	ND(0.590)	ND(0.780) J	ND(0.600) J	ND(0.550) J	ND(0.550)	ND(0.580)
Silver	ND(1.20)	ND(1.60)	ND(1.20)	ND(1.10)	ND(1.10)	ND(1.20)
Sulfide	ND(11.7)	ND(15.7)	ND(12.0)	ND(11.1)	ND(10.9)	ND(11.7)
Thallium	ND(1.20) J	0.970 J	ND(1.20) J	ND(0.960)	ND(1.10)	ND(1.20)
Tin	ND(3.90)	ND(10.3)	ND(5.60)	ND(4.50)	ND(5.00)	ND(3.30)
Vanadium	9.30	21.2	10.9	10.8	8.10	10.7
Zinc	72.8	179	71.8	74.2	34.5	63.1

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace						
Sample ID:	RAA15-E1	RAA15-G2	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	3-6	4-6	0-1	0-1	1-3	10-12
Parameter / Date Collected:	03/10/03	03/07/03	03/07/03	03/05/03	03/05/03	03/05/03	03/05/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,1,1-Trichloroethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,1,2,2-Tetrachloroethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,1,2-Trichloroethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,1-Dichloroethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,1-Dichloroethene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,2,3-Trichloropropane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,2-Dibromo-3-chloropropane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,2-Dibromoethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,2-Dichloroethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,2-Dichloropropane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
1,4-Dioxane	ND(0.98) J	NA	ND(0.96) J	ND(0.97) J	ND(1.1) J	ND(1.1) J	ND(1.3) J
2-Butanone	ND(0.0049) J	NA	ND(0.0048) J	ND(0.0049) J	ND(0.0053) J	ND(0.0056) J	ND(0.0065) J
2-Chloro-1,3-butadiene	ND(0.0049)	NA	ND(0.0048) J	ND(0.0049) J	ND(0.0053) J	ND(0.0056) J	ND(0.0065) J
2-Chloroethylvinylether	ND(0.0098) J	NA	ND(0.0096) J	ND(0.0097) J	ND(0.011) J	ND(0.011) J	ND(0.013) J
2-Hexanone	ND(0.020) J	NA	ND(0.019)	ND(0.019)	ND(0.021)	ND(0.023)	ND(0.026)
3-Chloropropene	ND(0.0049) J	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
4-Methyl-2-pentanone	ND(0.020)	NA	ND(0.019)	ND(0.019)	ND(0.021)	ND(0.023)	ND(0.026)
Acetone	ND(0.020) J	NA	ND(0.019) J	ND(0.019) J	ND(0.021) J	ND(0.023) J	ND(0.026) J
Acetonitrile	ND(0.098)	NA	ND(0.096)	ND(0.097)	ND(0.11)	ND(0.11)	ND(0.13)
Acrolein	ND(0.098)	NA	ND(0.096) J	ND(0.097) J	ND(0.11) J	ND(0.11) J	ND(0.13) J
Acrylonitrile	ND(0.098)	NA	ND(0.096) J	ND(0.097) J	ND(0.11) J	ND(0.11) J	ND(0.13) J
Benzene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Bromodichloromethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Bromoform	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Bromomethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Carbon Disulfide	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Carbon Tetrachloride	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Chlorobenzene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Chloroethane	ND(0.0098)	NA	ND(0.0096)	ND(0.0097)	ND(0.011)	ND(0.011)	ND(0.013)
Chloroform	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Chloromethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
cis-1,3-Dichloropropene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Dibromochloromethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Dibromomethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Dichlorodifluoromethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Ethyl Methacrylate	ND(0.0049) J	NA	ND(0.0048) J	ND(0.0049) J	ND(0.0053) J	ND(0.0056) J	ND(0.0065) J
Ethylbenzene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Iodomethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Isobutanol	ND(0.20) J	NA	ND(0.19) J	ND(0.19) J	ND(0.21) J	ND(0.23) J	ND(0.26) J
Methacrylonitrile	ND(0.0049) J	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Methyl Methacrylate	ND(0.0049) J	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Methylene Chloride	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	0.0018 J
Propionitrile	ND(0.0098)	NA	ND(0.0096)	ND(0.0097)	ND(0.011)	ND(0.011)	ND(0.013)
Styrene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Tetrachloroethene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Toluene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
trans-1,2-Dichloroethene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
trans-1,3-Dichloropropene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
trans-1,4-Dichloro-2-butene	ND(0.0049) J	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Trichloroethene	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Trichlorofluoromethane	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Vinyl Acetate	ND(0.0049) J	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Vinyl Chloride	ND(0.0098)	NA	ND(0.0096)	ND(0.0097)	ND(0.011)	ND(0.011)	ND(0.013)
Xylenes (total)	ND(0.0049)	NA	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)	ND(0.0065)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	0.11 J	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
1,2,4-Trichlorobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
1,2-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
1,2-Diphenylhydrazine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
1,3,5-Trinitrobenzene	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
1,3-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace						
Sample ID:	RAA15-E1	RAA15-G2	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	3-6	4-6	0-1	0-1	1-3	10-12
Parameter / Date Collected:	03/10/03	03/07/03	03/07/03	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
1,4-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
1,4-Naphthoquinone	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
1-Naphthylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,4,5-Trichlorophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,4,6-Trichlorophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,4-Dichlorophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,4-Dimethylphenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,4-Dinitrophenol	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
2,4-Dinitrotoluene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,6-Dichlorophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2,6-Dinitrotoluene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2-Acetylaminofluorene	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
2-Chloronaphthalene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2-Chlorophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2-Methylnaphthalene	NA	0.033 J	NA	0.076 J	0.080 J	ND(0.36)	NA
2-Methylphenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2-Naphthylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2-Nitroaniline	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
2-Nitrophenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
2-Picoline	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
3&4-Methylphenol	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
3,3'-Dichlorobenzidine	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
3,3'-Dimethylbenzidine	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
3-Methylcholanthrene	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
3-Nitroaniline	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
4-Aminobiphenyl	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
4-Bromophenyl-phenylether	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
4-Chloro-3-Methylphenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
4-Chloroaniline	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
4-Chlorobenzilate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
4-Chlorophenyl-phenylether	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
4-Nitroaniline	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
4-Nitrophenol	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
4-Nitroquinoline-1-oxide	NA	ND(3.8)	NA	ND(3.9)	ND(4.0)	ND(3.6)	NA
4-Phenylenediamine	NA	ND(7.6)	NA	ND(7.7)	ND(8.1)	ND(7.2)	NA
5-Nitro-o-toluidine	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
a,a'-Dimethylphenethylamine	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Acenaphthene	NA	0.11 J	NA	0.086 J	ND(0.40)	ND(0.36)	NA
Acenaphthylene	NA	0.14 J	NA	0.43	0.56	0.11 J	NA
Acetophenone	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Aniline	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Anthracene	NA	0.53	NA	0.40	0.16 J	0.048 J	NA
Aramite	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Benzidine	NA	ND(3.8)	NA	ND(3.9)	ND(4.0)	ND(3.6)	NA
Benzo(a)anthracene	NA	1.5	NA	1.0	0.72	0.18 J	NA
Benzo(a)pyrene	NA	1.3	NA	1.3	1.1	0.20 J	NA
Benzo(b)fluoranthene	NA	1.2	NA	1.2	1.1	0.21 J	NA
Benzo(g,h,i)perylene	NA	0.97	NA	0.35 J	0.41	0.078 J	NA
Benzo(k)fluoranthene	NA	0.93	NA	1.1	0.98	0.22 J	NA
Benzyl Alcohol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
bis(2-Chloroethyl)ether	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Butylbenzylphthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Chrysene	NA	1.5	NA	1.4	0.96	0.20 J	NA
Diallate	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Dibenzo(a,h)anthracene	NA	0.33 J	NA	0.15 J	0.14 J	ND(0.36)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace						
Sample ID:	RAA15-E1	RAA15-G2	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	3-6	4-6	0-1	0-1	1-3	10-12
Parameter Date Collected:	03/10/03	03/07/03	03/07/03	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)							
Dibenzofuran	NA	0.082 J	NA	0.061 J	ND(0.40)	ND(0.36)	NA
Diethylphthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Dimethylphthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Di-n-Butylphthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Di-n-Octylphthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Diphenylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Ethyl Methanesulfonate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Fluoranthene	NA	3.1	NA	2.5	1.3	0.44	NA
Fluorene	NA	0.14 J	NA	0.12 J	ND(0.40)	ND(0.36)	NA
Hexachlorobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Hexachlorobutadiene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Hexachlorocyclopentadiene	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Hexachloroethane	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Hexachlorophene	NA	ND(7.7) J	NA	ND(7.8)	ND(8.2)	ND(7.3)	NA
Hexachloropropene	NA	ND(3.8)	NA	ND(3.9)	ND(4.0)	ND(3.6)	NA
Indeno(1,2,3-cd)pyrene	NA	1.1	NA	0.41	0.44	0.099 J	NA
Isodrin	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Isophorone	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Isosafrole	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Methapyrilene	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Methyl Methanesulfonate	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Naphthalene	NA	0.054 J	NA	0.11 J	0.076 J	ND(0.36)	NA
Nitrobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosodiethylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosodimethylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosodiphenylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosomethylethylamine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosomorpholine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosopiperidine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
N-Nitrosopyrrolidine	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
o-Toluidine	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
p-Dimethylaminoazobenzene	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Pentachlorobenzene	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Pentachloroethane	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Pentachloronitrobenzene	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Pentachlorophenol	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Phenacetin	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Phenanthrene	NA	2.1	NA	1.4	0.42	0.19 J	NA
Phenol	NA	ND(0.38)	NA	ND(0.39)	ND(0.40)	ND(0.36)	NA
Pronamide	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Pyrene	NA	2.8	NA	1.7	1.1	0.25 J	NA
Pyridine	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Safrole	NA	ND(0.76)	NA	ND(0.77)	ND(0.81)	ND(0.72)	NA
Thionazin	NA	ND(1.8)	NA	ND(1.9)	ND(2.0)	ND(1.7)	NA
Furans							
2,3,7,8-TCDF	NA	ND(0.000085) X	NA	ND(0.000017) XJ	0.000011 J	0.0000086 J	NA
TCDFs (total)	NA	ND(0.00061) XQJ	NA	ND(0.00025) X	ND(0.00090) X	ND(0.00015) X	NA
1,2,3,7,8-PeCDF	NA	0.000050	NA	0.0000078	ND(0.0000033) X	0.0000025 J	NA
2,3,4,7,8-PeCDF	NA	0.000049	NA	ND(0.000010) X	0.0000084	0.0000030 J	NA
PeCDFs (total)	NA	ND(0.00059) X	NA	ND(0.00052) X	ND(0.0015) X	ND(0.00030) X	NA
1,2,3,4,7,8-HxCDF	NA	0.00012	NA	0.000016	0.0000088	0.0000046 J	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.000056) X	NA	ND(0.000041) X	ND(0.00018) X	ND(0.000037) X	NA
1,2,3,7,8,9-HxCDF	NA	0.0000030 J	NA	0.00000020 J	0.00000056 J	0.00000020 J	NA
2,3,4,6,7,8-HxCDF	NA	0.000015	NA	0.00000020 J	0.0000067	0.0000019 J	NA
HxCDFs (total)	NA	ND(0.00038) XQJ	NA	ND(0.00037) X	ND(0.00074) X	ND(0.00017) X	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000078	NA	0.000034	0.000024	0.0000076	NA
1,2,3,4,7,8,9-HpCDF	NA	0.000025	NA	0.0000047 J	0.0000038 J	0.0000015 J	NA
HpCDFs (total)	NA	ND(0.00014) X	NA	0.000087	0.000063	ND(0.000019) X	NA
OCDF	NA	0.000068	NA	0.000044	0.000024	0.0000063 J	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace						
Sample ID:	RAA15-E1	RAA15-G2	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	3-6	4-6	0-1	0-1	1-3	10-12
Parameter / Date Collected:	03/10/03	03/07/03	03/07/03	03/05/03	03/05/03	03/05/03	03/05/03
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000054) X	NA	ND(0.00000026)	ND(0.00000031)	ND(0.00000026)	NA
TCDDs (total)	NA	ND(0.000014) X	NA	ND(0.0000032) X	ND(0.0000022) X	0.00000051 J	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000030) X	NA	ND(0.0000010) X	ND(0.0000011) X	ND(0.00000033) X	NA
PeCDDs (total)	NA	ND(0.000020) X	NA	ND(0.0000091) X	ND(0.000012) X	ND(0.0000025) X	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000084) X	NA	0.0000013 J	0.0000011 J	0.00000022 J	NA
1,2,3,6,7,8-HxCDD	NA	0.0000015 J	NA	0.0000040 J	0.0000028 J	ND(0.00000052) X	NA
1,2,3,7,8,9-HxCDD	NA	0.0000015 JQ	NA	0.00000020 J	0.0000020 J	ND(0.00000025) X	NA
HxCDDs (total)	NA	ND(0.000026) XQJ	NA	ND(0.000036) X	ND(0.000029) X	ND(0.0000056) X	NA
1,2,3,4,6,7,8-HpCDD	NA	0.0000086 QJ	NA	0.000096	0.000023	0.0000034 J	NA
HpCDDs (total)	NA	0.000017 QJ	NA	0.00031	0.000048	0.0000064 J	NA
OCDD	NA	0.00002	NA	0.00077	0.00015	0.000022	NA
Total TEQs (WHO TEFs)	NA	0.000051	NA	0.000010	0.000018	0.0000055	NA
Inorganics							
Antimony	NA	ND(6.90)	NA	0.560 J	ND(7.30) J	ND(6.50) J	NA
Arsenic	NA	6.60	NA	4.30	3.80	2.20	NA
Barium	NA	48.9	NA	40.5	31.6	18.8 B	NA
Beryllium	NA	ND(0.530)	NA	0.280 B	0.230 B	0.260 B	NA
Cadmium	NA	ND(0.100)	NA	0.210 B	0.230 B	ND(0.540)	NA
Chromium	NA	10.0	NA	7.90	7.40	7.70	NA
Cobalt	NA	7.80	NA	5.40 B	5.00 B	4.40 B	NA
Copper	NA	61.2 J	NA	58.7	32.6	11.1	NA
Cyanide	NA	0.210 B	NA	ND(0.240)	ND(0.610)	ND(0.540)	NA
Lead	NA	94.2 J	NA	72.5	76.8	14.5	NA
Mercury	NA	1.30	NA	0.120 J	0.0800 J	0.0570 J	NA
Nickel	NA	17.0 J	NA	12.2	10.9	9.50	NA
Selenium	NA	ND(0.570)	NA	ND(0.580)	ND(0.610)	ND(0.540)	NA
Silver	NA	ND(1.10)	NA	ND(1.20)	ND(1.20)	ND(1.10)	NA
Sulfide	NA	ND(11.5)	NA	ND(11.7)	ND(12.2)	ND(10.8)	NA
Thallium	NA	0.640 B	NA	ND(1.20) J	ND(1.20) J	ND(1.10) J	NA
Tin	NA	ND(8.80)	NA	ND(5.80)	ND(5.30)	ND(4.10)	NA
Vanadium	NA	11.9	NA	13.6	9.20	7.40	NA
Zinc	NA	124	NA	109	79.1	38.6	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace		K10-10-3			
Sample ID:	RAA15-J2	RAA15-L3	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7
Sample Depth(Feet):	10-15	0-1	1-3	10-15	12-15	0-1
Parameter / Date Collected:	03/05/03	03/05/03	02/13/03	02/13/03	02/13/03	02/13/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,1,1-Trichloroethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,1,2,2-Tetrachloroethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,1,2-Trichloroethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,1-Dichloroethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,1-Dichloroethene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,2,3-Trichloropropane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,2-Dibromo-3-chloropropane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,2-Dibromoethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,2-Dichloroethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,2-Dichloropropane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
1,4-Dioxane	NA	ND(1.4) J	ND(1.3) J	NA	ND(1.1) J	ND(1.1) J
2-Butanone	NA	ND(0.0070) J	ND(0.0063) J	NA	ND(0.0055) J	ND(0.0056) J
2-Chloro-1,3-butadiene	NA	ND(0.0070) J	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
2-Chloroethylvinylether	NA	ND(0.014) J	ND(0.013) J	NA	ND(0.011) J	ND(0.011) J
2-Hexanone	NA	ND(0.028)	ND(0.025)	NA	ND(0.022)	ND(0.022)
3-Chloropropene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
4-Methyl-2-pentanone	NA	ND(0.028)	ND(0.025)	NA	ND(0.022)	ND(0.022)
Acetone	NA	ND(0.028) J	ND(0.025) J	NA	ND(0.022) J	ND(0.022) J
Acetonitrile	NA	ND(0.14)	ND(0.13) J	NA	ND(0.11) J	ND(0.11) J
Acrolein	NA	ND(0.14) J	ND(0.13) J	NA	ND(0.11) J	ND(0.11) J
Acrylonitrile	NA	ND(0.14) J	ND(0.13)	NA	ND(0.11)	ND(0.11)
Benzene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Bromodichloromethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Bromoform	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Bromomethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Carbon Disulfide	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Carbon Tetrachloride	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Chlorobenzene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Chloroethane	NA	ND(0.014)	ND(0.013)	NA	ND(0.011)	ND(0.011)
Chloroform	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Chloromethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
cis-1,3-Dichloropropene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Dibromochloromethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Dibromomethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Dichlorodifluoromethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Ethyl Methacrylate	NA	ND(0.0070) J	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Ethylbenzene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Iodomethane	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Isobutanol	NA	ND(0.28) J	ND(0.25) J	NA	ND(0.22) J	ND(0.22) J
Methacrylonitrile	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Methyl Methacrylate	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Methylene Chloride	NA	0.0017 J	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Propionitrile	NA	ND(0.014)	ND(0.013)	NA	ND(0.011)	ND(0.011)
Styrene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Tetrachloroethene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Toluene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
trans-1,2-Dichloroethene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
trans-1,3-Dichloropropene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
trans-1,4-Dichloro-2-butene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Trichloroethene	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Trichlorofluoromethane	NA	ND(0.0070)	ND(0.0063) J	NA	ND(0.0055) J	ND(0.0056) J
Vinyl Acetate	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Vinyl Chloride	NA	ND(0.014)	ND(0.013)	NA	ND(0.011)	ND(0.011)
Xylenes (total)	NA	ND(0.0070)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
1,2-Dichlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
1,2-Diphenylhydrazine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
1,3,5-Trinitrobenzene	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
1,3-Dichlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace		K10-10-3			
Sample ID:	RAA15-J2	RAA15-L3	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7
Sample Depth(Feet):	10-15	0-1	1-3	10-15	12-15	0-1
Parameter Date Collected:	03/05/03	03/05/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
1,4-Dichlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
1,4-Naphthoquinone	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
1-Naphthylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,3,4,6-Tetrachlorophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,4,6-Trichlorophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,4-Dichlorophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,4-Dimethylphenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,4-Dinitrophenol	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
2,4-Dinitrotoluene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,6-Dichlorophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2,6-Dinitrotoluene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Acetylaminofluorene	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
2-Chloronaphthalene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Chlorophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Methylnaphthalene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Methylphenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Naphthylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Nitroaniline	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
2-Nitrophenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
2-Picoline	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
3&4-Methylphenol	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
3,3'-Dichlorobenzidine	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
3,3'-Dimethylbenzidine	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
3-Methylcholanthrene	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
3-Nitroaniline	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
4-Aminobiphenyl	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
4-Chloroaniline	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
4-Chlorobenzilate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
4-Chlorophenyl-phenylether	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
4-Nitroaniline	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
4-Nitrophenol	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
4-Nitroquinoline-1-oxide	ND(4.2)	ND(4.3)	ND(4.2)	ND(4.0)	NA	ND(4.0)
4-Phenylenediamine	ND(8.5)	ND(8.7)	ND(8.3)	ND(7.9)	NA	ND(8.1)
5-Nitro-o-toluidine	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
7,12-Dimethylbenz(a)anthracene	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
a,a'-Dimethylphenethylamine	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Acenaphthene	ND(0.42)	ND(0.43)	ND(0.42)	0.049 J	NA	ND(0.40)
Acenaphthylene	ND(0.42)	0.037 J	0.13 J	ND(0.40)	NA	ND(0.40)
Acetophenone	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Aniline	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Anthracene	ND(0.42)	ND(0.43)	0.099 J	0.085 J	NA	ND(0.40)
Aramite	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Benzidine	ND(4.2)	ND(4.3)	ND(4.2)	ND(4.0)	NA	ND(4.0)
Benzo(a)anthracene	ND(0.42)	0.17 J	0.36 J	0.24 J	NA	ND(0.40)
Benzo(a)pyrene	ND(0.42)	0.19 J	0.43	0.24 J	NA	ND(0.40)
Benzo(b)fluoranthene	ND(0.42)	0.20 J	0.38 J	0.25 J	NA	ND(0.40)
Benzo(g,h,i)perylene	ND(0.42)	ND(0.43)	0.18 J	0.080 J	NA	ND(0.40)
Benzo(k)fluoranthene	ND(0.42)	0.20 J	0.43	0.26 J	NA	ND(0.40)
Benzyl Alcohol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
bis(2-Chloroethoxy)methane	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Butylbenzylphthalate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Chrysene	ND(0.42)	0.21 J	0.51	0.33 J	NA	ND(0.40)
Diallate	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.43)	0.057 J	ND(0.40)	NA	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace		K10-10-3			
Sample ID:	RAA15-J2	RAA15-L3	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7
Sample Depth(Feet):	10-15	0-1	1-3	10-15	12-15	0-1
Parameter / Date Collected:	03/05/03	03/05/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.42)	ND(0.43)	ND(0.42)	0.062 J	NA	ND(0.40)
Diethylphthalate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	0.084 J
Dimethylphthalate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Di-n-Butylphthalate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Di-n-Octylphthalate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Diphenylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Ethyl Methanesulfonate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Fluoranthene	ND(0.42)	0.43	0.92	0.82	NA	0.067 J
Fluorene	ND(0.42)	ND(0.43)	ND(0.42)	0.059 J	NA	ND(0.40)
Hexachlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Hexachlorobutadiene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Hexachlorocyclopentadiene	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Hexachloroethane	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Hexachlorophene	ND(8.6)	ND(8.8)	ND(8.5)	ND(8.1)	NA	ND(8.2)
Hexachloropropene	ND(4.2)	ND(4.3)	ND(4.2)	ND(4.0)	NA	ND(4.0)
Indeno(1,2,3-cd)pyrene	ND(0.42)	0.073 J	0.20 J	0.11 J	NA	ND(0.40)
Isodrin	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Isophorone	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Isosafrole	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Methapyrilene	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Methyl Methanesulfonate	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Naphthalene	ND(0.42)	ND(0.43)	0.029 J	0.071 J	NA	ND(0.40)
Nitrobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosodiethylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosodimethylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosodiphenylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosomethylethylamine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosomorpholine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosopiperidine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
N-Nitrosopyrrolidine	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
o-Toluidine	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
p-Dimethylaminoazobenzene	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Pentachlorobenzene	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Pentachloroethane	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Pentachloronitrobenzene	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Pentachlorophenol	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Phenacetin	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Phenanthrene	ND(0.42)	0.18 J	0.54	0.78	NA	ND(0.40)
Phenol	ND(0.42)	ND(0.43)	ND(0.42)	ND(0.40)	NA	ND(0.40)
Pronamide	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Pyrene	ND(0.42)	0.27 J	0.67	0.46	NA	0.051 J
Pyridine	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Safrole	ND(0.85)	ND(0.87)	ND(0.83)	ND(0.79)	NA	ND(0.81)
Thionazin	ND(2.1)	ND(2.1)	ND(2.0)	ND(1.9)	NA	ND(2.0)
Furans						
2,3,7,8-TCDF	ND(0.00000021)	ND(0.0000033) X	0.000010 Y	ND(0.0000012) YJ	NA	0.0000014 Y
TCDFs (total)	ND(0.00000033) X	ND(0.000046) X	0.000042	ND(0.0000012) YJ	NA	0.0000042
1,2,3,7,8-PeCDF	ND(0.00000013)	0.0000011 J	ND(0.0000028) X	ND(0.00000022) XJ	NA	ND(0.00000052) X
2,3,4,7,8-PeCDF	ND(0.00000012)	0.0000015 J	0.0000046 J	ND(0.00000017) J	NA	ND(0.00000059) X
PeCDFs (total)	ND(0.0000013) X	ND(0.000062) X	0.000050	ND(0.00000022) XJ	NA	ND(0.0000015) X
1,2,3,4,7,8-HxCDF	ND(0.000000070) X	ND(0.0000020) X	0.0000086	ND(0.00000045) X	NA	ND(0.0000011) X
1,2,3,6,7,8-HxCDF	ND(0.00000029) X	ND(0.0000079) X	0.0000048 J	ND(0.00000049) X	NA	ND(0.00000071) X
1,2,3,7,8,9-HxCDF	ND(0.000000086)	0.00000026 J	ND(0.00000051)	ND(0.00000017)	NA	ND(0.00000026)
2,3,4,6,7,8-HxCDF	ND(0.000000078)	ND(0.0000011) X	0.0000046 J	ND(0.00000014)	NA	ND(0.00000057) X
HxCDFs (total)	ND(0.0000012) X	ND(0.000075) X	0.00024	ND(0.0000019) X	NA	0.000013
1,2,3,4,6,7,8-HpCDF	0.00000021 J	0.000055	0.00034	0.0000058 J	NA	0.000019
1,2,3,4,7,8,9-HpCDF	ND(0.00000013)	0.0000016 J	0.0000093	ND(0.00000016)	NA	ND(0.00000065) X
HpCDFs (total)	0.00000021 J	0.00011	0.00083	0.000011	NA	0.000040
OCDF	ND(0.00000019)	0.000049	0.00044 D	ND(0.0000038)	NA	0.000022

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace		K10-10-3			
Sample ID:	RAA15-J2	RAA15-L3	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7
Sample Depth(Feet):	10-15	0-1	1-3	10-15	12-15	0-1
Parameter / Date Collected:	03/05/03	03/05/03	02/13/03	02/13/03	02/13/03	02/13/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000026)	ND(0.00000029)	0.00000092 J	ND(0.00000014) J	NA	ND(0.00000012) X
TCDDs (total)	ND(0.00000026)	ND(0.0000011) X	0.0000039	ND(0.00000014) J	NA	ND(0.00000022) X
1,2,3,7,8-PeCDD	ND(0.00000012)	ND(0.00000033) X	ND(0.0000023)	ND(0.00000035) J	NA	ND(0.00000026) X
PeCDDs (total)	ND(0.00000012)	ND(0.0000022) X	0.0000088	ND(0.00000072) J	NA	ND(0.00000066) X
1,2,3,4,7,8-HxCDD	ND(0.00000012)	ND(0.00000040) X	0.0000057 J	ND(0.00000016)	NA	ND(0.00000046) X
1,2,3,6,7,8-HxCDD	ND(0.00000012)	0.0000022 J	0.000031	ND(0.00000024) X	NA	ND(0.0000013) X
1,2,3,7,8,9-HxCDD	ND(0.00000012)	0.0000015 J	0.000011	ND(0.00000014) X	NA	ND(0.0000012) X
HxCDDs (total)	ND(0.00000012)	ND(0.000019) X	0.00019	ND(0.00000085) X	NA	0.0000039
1,2,3,4,6,7,8-HpCDD	ND(0.00000016)	0.000049	0.00091	0.0000045 J	NA	0.000040
HpCDDs (total)	ND(0.00000016)	0.000089	0.0017	0.0000090	NA	0.000067
OCDD	ND(0.00000092) X	0.00050	0.0082 D	ND(0.000046)	NA	0.00028
Total TEQs (WHO TEFs)	0.00000028	0.0000034	0.000025	0.00000055	NA	0.0000014
Inorganics						
Antimony	ND(7.70) J	ND(7.90) J	ND(7.60)	ND(7.20)	NA	ND(7.30)
Arsenic	1.40	2.40	3.70	3.50	NA	3.20
Barium	20.6 B	27.7	45.6	22.7 B	NA	31.7
Beryllium	0.280 B	0.280 B	0.730	0.570 B	NA	0.650
Cadmium	ND(0.640)	ND(0.660)	0.790	0.490 B	NA	0.680
Chromium	6.30	10.1	21.7	8.00	NA	9.90
Cobalt	4.70 B	5.90 B	8.30	6.70	NA	8.50
Copper	5.7	12.7	28.9	11.2	NA	16.6
Cyanide	ND(0.640)	ND(0.290)	0.280 B	0.240 B	NA	0.220 B
Lead	3.20	15.2	51.2	7.50	NA	29.5
Mercury	0.0310 J	0.0330 J	0.280	0.0440	NA	0.0550
Nickel	8.70	11.3	16.4	12.2	NA	16.5
Selenium	ND(0.640)	ND(0.660)	0.600 B	ND(0.600)	NA	ND(0.610)
Silver	ND(1.30)	ND(1.30)	0.540 B	ND(1.20)	NA	ND(1.20)
Sulfide	ND(12.8)	ND(13.1)	37.2	ND(12.0)	NA	ND(12.2)
Thallium	ND(1.30) J	ND(1.30) J	0.950 B	0.710 B	NA	0.830 B
Tin	ND(3.90)	ND(4.70)	ND(7.50)	ND(5.60)	NA	ND(5.60)
Vanadium	7.60	10.3	19.4	7.10	NA	11.9
Zinc	35.6	56.2	93.7	46.0	NA	74.7

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-3				K10-10-4	
Sample ID:	RAA15-L6	RAA15-N6	RAA15-N6	RAA15-N6	RAA15-G11	RAA15-G11
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,1,1-Trichloroethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,1,2-Trichloroethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,1-Dichloroethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,1-Dichloroethene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,2-Dibromoethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,2-Dichloroethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,2-Dichloropropane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
1,4-Dioxane	ND(1.2) J	ND(1.0) J	NA	ND(1.1) J	ND(1.3) J	ND(1.0) J
2-Butanone	ND(0.0059) J	ND(0.0051) J	NA	ND(0.0053) J	ND(0.0065) J	ND(0.0051) J
2-Chloro-1,3-butadiene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
2-Chloroethylvinylether	ND(0.012) J	ND(0.010) J	NA	ND(0.011) J	ND(0.013) J	ND(0.010) J
2-Hexanone	ND(0.024)	ND(0.020)	NA	ND(0.021)	ND(0.026)	ND(0.021)
3-Chloropropene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
4-Methyl-2-pentanone	ND(0.024)	ND(0.020)	NA	ND(0.021)	ND(0.026)	ND(0.021)
Acetone	ND(0.024) J	ND(0.020) J	NA	ND(0.021) J	0.0076 J	ND(0.021) J
Acetonitrile	ND(0.12) J	ND(0.10) J	NA	ND(0.11) J	ND(0.13) J	ND(0.10) J
Acrolein	ND(0.12) J	ND(0.10) J	NA	ND(0.11) J	ND(0.13) J	ND(0.10) J
Acrylonitrile	ND(0.12)	ND(0.10)	NA	ND(0.11)	ND(0.13)	ND(0.10)
Benzene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Bromodichloromethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Bromoform	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Bromomethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Carbon Disulfide	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Carbon Tetrachloride	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Chlorobenzene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Chloroethane	ND(0.012)	ND(0.010)	NA	ND(0.011)	ND(0.013)	ND(0.010)
Chloroform	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Chloromethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
cis-1,3-Dichloropropene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Dibromochloromethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Dibromomethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Dichlorodifluoromethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Ethyl Methacrylate	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Ethylbenzene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Iodomethane	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Isobutanol	ND(0.24) J	ND(0.20) J	NA	ND(0.21) J	ND(0.26) J	ND(0.21) J
Methacrylonitrile	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Methyl Methacrylate	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Methylene Chloride	ND(0.0059)	0.0012 J	NA	0.0011 J	0.0017 J	ND(0.0051)
Propionitrile	ND(0.012)	ND(0.010)	NA	ND(0.011)	ND(0.013)	ND(0.010)
Styrene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Tetrachloroethene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Toluene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
trans-1,2-Dichloroethene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
trans-1,3-Dichloropropene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Trichloroethene	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Trichlorofluoromethane	ND(0.0059) J	ND(0.0051) J	NA	ND(0.0053) J	ND(0.0065) J	ND(0.0051) J
Vinyl Acetate	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	ND(0.0065)	ND(0.0051)
Vinyl Chloride	ND(0.012)	ND(0.010)	NA	ND(0.011)	ND(0.013)	ND(0.010)
Xylenes (total)	ND(0.0059)	ND(0.0051)	NA	ND(0.0053)	0.0027 J	ND(0.0051)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
1,2-Dichlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
1,2-Diphenylhydrazine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
1,3,5-Trinitrobenzene	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
1,3-Dichlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-3				K10-10-4	
Sample ID:	RAA15-L6	RAA15-N6	RAA15-N6	RAA15-N6	RAA15-G11	RAA15-G11
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
1,4-Dichlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
1,4-Naphthoquinone	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
1-Naphthylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,3,4,6-Tetrachlorophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,4,5-Trichlorophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,4-Dichlorophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,4-Dimethylphenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,4-Dinitrophenol	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
2,4-Dinitrotoluene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,6-Dichlorophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2,6-Dinitrotoluene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Acetylaminofluorene	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
2-Chloronaphthalene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Chlorophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Methylnaphthalene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Methylphenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Naphthylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Nitroaniline	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
2-Nitrophenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
2-Picoline	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
3&4-Methylphenol	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
3,3'-Dichlorobenzidine	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
3,3'-Dimethylbenzidine	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
3-Methylcholanthrene	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
3-Nitroaniline	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
4-Aminobiphenyl	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
4-Bromophenyl-phenylether	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
4-Chloroaniline	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
4-Chlorobenzilate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
4-Chlorophenyl-phenylether	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
4-Nitroaniline	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
4-Nitrophenol	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
4-Nitroquinoline-1-oxide	ND(4.3)	ND(3.7)	ND(3.8)	NA	ND(4.1)	ND(3.7)
4-Phenylenediamine	ND(8.6)	ND(7.4)	ND(7.6)	NA	ND(8.2)	ND(7.4)
5-Nitro-o-toluidine	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
a,a'-Dimethylphenethylamine	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Acenaphthene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Acenaphthylene	0.085 J	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Acetophenone	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Aniline	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Anthracene	0.062 J	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Aramite	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Benzidine	ND(4.3)	ND(3.7)	ND(3.8)	NA	ND(4.1)	ND(3.7)
Benzo(a)anthracene	0.23 J	ND(0.37)	ND(0.38)	NA	0.075 J	ND(0.37)
Benzo(a)pyrene	0.27 J	ND(0.37)	ND(0.38)	NA	0.088 J	ND(0.37)
Benzo(b)fluoranthene	0.26 J	ND(0.37)	ND(0.38)	NA	0.089 J	ND(0.37)
Benzo(g,h,i)perylene	0.11 J	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Benzo(k)fluoranthene	0.26 J	ND(0.37)	ND(0.38)	NA	0.097 J	ND(0.37)
Benzyl Alcohol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
bis(2-Chloroethoxy)methane	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Butylbenzylphthalate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Chrysene	0.32 J	ND(0.37)	ND(0.38)	NA	0.11 J	ND(0.37)
Diallate	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-3				K10-10-4	
Sample ID:	RAA15-L6	RAA15-N6	RAA15-N6	RAA15-N6	RAA15-G11	RAA15-G11
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Diethylphthalate	0.10 J	0.13 J	ND(0.38)	NA	ND(0.41)	0.11 J
Dimethylphthalate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Di-n-Butylphthalate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Di-n-Octylphthalate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Diphenylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Ethyl Methanesulfonate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Fluoranthene	0.60	ND(0.37)	ND(0.38)	NA	0.17 J	ND(0.37)
Fluorene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Hexachlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Hexachlorobutadiene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Hexachlorocyclopentadiene	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Hexachloroethane	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Hexachlorophene	ND(8.7)	ND(7.5)	ND(7.7)	NA	ND(8.4)	ND(7.6)
Hexachloropropene	ND(4.3)	ND(3.7)	ND(3.8)	NA	ND(4.1)	ND(3.7)
Indeno(1,2,3-cd)pyrene	0.13 J	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Isodrin	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Isophorone	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Isosafrole	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Methapyrilene	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Methyl Methanesulfonate	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Naphthalene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Nitrobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosodiethylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosodimethylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosomorpholine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosopiperidine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
o,o,o-Triethylphosphorothioate	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
o-Toluidine	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
p-Dimethylaminoazobenzene	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Pentachlorobenzene	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Pentachloroethane	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Pentachloronitrobenzene	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Pentachlorophenol	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Phenacetin	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Phenanthrene	0.34 J	ND(0.37)	ND(0.38)	NA	0.096 J	ND(0.37)
Phenol	ND(0.43)	ND(0.37)	ND(0.38)	NA	ND(0.41)	ND(0.37)
Pronamide	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Pyrene	0.43	0.048 J	ND(0.38)	NA	0.13 J	ND(0.37)
Pyridine	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Safrole	ND(0.86)	ND(0.74)	ND(0.76)	NA	ND(0.82)	ND(0.74)
Thionazin	ND(2.1)	ND(1.8)	ND(1.8)	NA	ND(2.0)	ND(1.8)
Furans						
2,3,7,8-TCDF	0.000013 Y	0.0000017 Y	ND(0.00000019)	NA	0.0000092 Y	0.0000013 Y
TCDFs (total)	0.000056	0.0000056	ND(0.00000019)	NA	0.000051	0.0000013
1,2,3,7,8-PeCDF	0.0000046 J	ND(0.00000041) X	ND(0.00000013) X	NA	ND(0.0000027) X	ND(0.00000052) X
2,3,4,7,8-PeCDF	0.0000090	ND(0.00000037) X	ND(0.00000017) X	NA	ND(0.0000027) X	ND(0.00000025) X
PeCDFs (total)	0.000051	ND(0.00000046)	ND(0.00000017) X	NA	0.0000049	ND(0.00000052) X
1,2,3,4,7,8-HxCDF	0.000013	ND(0.00000066) X	ND(0.00000018) X	NA	0.0000039 J	ND(0.00000043) X
1,2,3,6,7,8-HxCDF	0.0000069	ND(0.00000025) X	ND(0.00000013) X	NA	ND(0.0000016) X	ND(0.00000016) X
1,2,3,7,8,9-HxCDF	ND(0.00000099)	ND(0.00000015)	ND(0.000000086) X	NA	ND(0.00000052) X	ND(0.000000046) X
2,3,4,6,7,8-HxCDF	0.0000064 J	ND(0.00000026) X	ND(0.000000086) X	NA	ND(0.0000016) X	ND(0.00000011) X
HxCDFs (total)	0.00041	ND(0.0000018) X	ND(0.00000018) X	NA	0.000024	ND(0.00000043) X
1,2,3,4,6,7,8-HpCDF	0.00088	ND(0.0000016) X	ND(0.00000023) X	NA	0.000014	ND(0.00000038)
1,2,3,4,7,8,9-HpCDF	0.0000085	ND(0.00000013) X	ND(0.000000074)	NA	ND(0.000000070) X	ND(0.000000073)
HpCDFs (total)	0.0016	ND(0.0000016) X	ND(0.00000023) X	NA	0.000025	ND(0.00000038)
OCDF	0.00056 D	ND(0.0000030)	ND(0.00000042)	NA	0.000013	ND(0.00000041)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-3				K10-10-4	
Sample ID:	RAA15-L6	RAA15-N6	RAA15-N6	RAA15-N6	RAA15-G11	RAA15-G11
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1	1-3
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Dioxins						
2,3,7,8-TCDD	0.0000020	ND(0.00000011)	ND(0.000000097) X	NA	ND(0.00000022) X	ND(0.000000056)
TCDDs (total)	0.0000048	ND(0.00000011)	ND(0.000000097) X	NA	ND(0.00000051) X	ND(0.000000068) X
1,2,3,7,8-PeCDD	ND(0.0000015) X	ND(0.00000021)	ND(0.00000017)	NA	ND(0.00000030) X	ND(0.00000015)
PeCDDs (total)	ND(0.0000031)	ND(0.00000021) X	ND(0.00000017) X	NA	ND(0.00000034) X	ND(0.00000027) X
1,2,3,4,7,8-HxCDD	0.0000036 J	ND(0.00000016)	ND(0.00000011) X	NA	ND(0.00000024) X	ND(0.00000011) X
1,2,3,6,7,8-HxCDD	0.000020	ND(0.00000019) X	ND(0.000000086)	NA	ND(0.00000056) X	ND(0.00000011) X
1,2,3,7,8,9-HxCDD	0.0000065 J	ND(0.00000025) X	ND(0.00000011) X	NA	ND(0.00000052) X	ND(0.00000015) X
HxCDDs (total)	0.00013	ND(0.00000059) X	ND(0.00000011) X	NA	ND(0.0000018) X	ND(0.00000016) X
1,2,3,4,6,7,8-HpCDD	0.00045	ND(0.0000024) X	ND(0.00000033) X	NA	0.000012	ND(0.00000045) X
HpCDDs (total)	0.00083	ND(0.0000024) X	ND(0.00000033) X	NA	0.000021	ND(0.00000045) X
OCDD	0.0048 D	ND(0.000021)	ND(0.0000043) X	NA	0.00012	ND(0.0000035) X
Total TEQs (WHO TEFs)	0.000028	0.00000055	0.00000023	NA	0.0000028	0.00000037
Inorganics						
Antimony	ND(7.80)	ND(6.70)	ND(6.90)	NA	ND(7.50)	ND(6.80)
Arsenic	4.10	5.20	3.50	NA	4.50	2.30
Barium	47.1	24.4	23.8	NA	53.5	29.7
Beryllium	0.820	0.620	0.530 B	NA	0.710	0.590
Cadmium	0.910	0.390 B	0.390 B	NA	0.590 B	0.380 B
Chromium	22.7	8.20	7.90	NA	15.6	12.6
Cobalt	7.60	6.80	7.70	NA	8.70	7.00
Copper	26.0	9.10	11.0	NA	16.9	13.8
Cyanide	0.320 B	ND(0.560)	ND(0.570)	NA	ND(0.620)	ND(0.560)
Lead	52.9	9.90	6.70	NA	31.3	12.7
Mercury	0.240	0.0510	0.0420	NA	0.160	0.150
Nickel	15.2	10.8	12.8	NA	14.3	12.5
Selenium	0.410 B	ND(0.560)	ND(0.570)	NA	ND(0.620)	ND(0.560)
Silver	0.0900 B	ND(1.10)	ND(1.10)	NA	ND(1.30)	ND(1.10)
Sulfide	ND(13.0)	ND(11.2)	ND(11.4)	NA	ND(12.5)	ND(11.3)
Thallium	0.860 B	ND(1.10)	ND(1.10)	NA	0.770 B	0.750 B
Tin	ND(8.00)	ND(5.80)	ND(5.20)	NA	ND(7.20)	ND(5.90)
Vanadium	13.8	11.2	9.10	NA	16.3	9.90
Zinc	95.7	37.9	39.7	NA	70.0	47.7

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-4						
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G13	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/19/03	02/13/03
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1,1-Trichloroethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1,2-Trichloroethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1-Dichloroethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1-Dichloroethene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2,3-Trichloropropane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dibromoethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dichloroethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dichloropropane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,4-Dioxane	NA	ND(1.1) J	ND(1.3) J	ND(0.91) J	ND(1.2) J	ND(1.4) J	NA
2-Butanone	NA	ND(0.0057) J	ND(0.0063) J	ND(0.0045) J	ND(0.0058) J	ND(0.0070) J	NA
2-Chloro-1,3-butadiene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
2-Chloroethylvinylether	NA	ND(0.011) J	ND(0.013) J	ND(0.0091) J	ND(0.012) J	ND(0.014) J	NA
2-Hexanone	NA	ND(0.023)	ND(0.025)	ND(0.018)	ND(0.023)	ND(0.028)	NA
3-Chloropropene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
4-Methyl-2-pentanone	NA	ND(0.023)	ND(0.025)	ND(0.018)	ND(0.023)	ND(0.028)	NA
Acetone	NA	ND(0.023) J	ND(0.025) J	ND(0.018) J	ND(0.023) J	ND(0.028) J	NA
Acetonitrile	NA	ND(0.11) J	ND(0.13) J	ND(0.091) J	ND(0.12) J	ND(0.14) J	NA
Acrolein	NA	ND(0.11) J	ND(0.13) J	ND(0.091) J	ND(0.12) J	ND(0.14) J	NA
Acrylonitrile	NA	ND(0.11)	ND(0.13)	ND(0.091)	ND(0.12)	ND(0.14)	NA
Benzene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Bromodichloromethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Bromoform	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Bromomethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Carbon Disulfide	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Carbon Tetrachloride	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Chlorobenzene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Chloroethane	NA	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.012)	ND(0.014)	NA
Chloroform	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Chloromethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
cis-1,3-Dichloropropene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Dibromochloromethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Dibromomethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Dichlorodifluoromethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Ethyl Methacrylate	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Ethylbenzene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Iodomethane	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Isobutanol	NA	ND(0.23) J	ND(0.25) J	ND(0.18) J	ND(0.23) J	ND(0.28) J	NA
Methacrylonitrile	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Methyl Methacrylate	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Methylene Chloride	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Propionitrile	NA	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.012)	ND(0.014)	NA
Styrene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Tetrachloroethene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Toluene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
trans-1,2-Dichloroethene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
trans-1,3-Dichloropropene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Trichloroethene	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Trichlorofluoromethane	NA	ND(0.0057) J	ND(0.0063) J	ND(0.0045) J	ND(0.0058) J	ND(0.0070) J	NA
Vinyl Acetate	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Vinyl Chloride	NA	ND(0.011)	ND(0.013)	ND(0.0091)	ND(0.012)	ND(0.014)	NA
Xylenes (total)	NA	ND(0.0057)	ND(0.0063)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,2-Dichlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,2-Diphenylhydrazine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,3,5-Trinitrobenzene	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
1,3-Dichlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-4						
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G13	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/19/03	02/13/03
Semivolatile Organics (continued)							
1,3-Dinitrobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,4-Dichlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,4-Naphthoquinone	ND(2.1)	NA	ND(2.1)	0.042 J	ND(1.8)	NA	ND(2.1)
1-Naphthylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,3,4,6-Tetrachlorophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4,5-Trichlorophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4,6-Trichlorophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4-Dichlorophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4-Dimethylphenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4-Dinitrophenol	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
2,4-Dinitrotoluene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,6-Dichlorophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,6-Dinitrotoluene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Acetylaminofluorene	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
2-Chloronaphthalene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Chlorophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Methylnaphthalene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Methylphenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Naphthylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Nitroaniline	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
2-Nitrophenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Picoline	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
3&4-Methylphenol	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
3,3'-Dichlorobenzidine	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
3,3'-Dimethylbenzidine	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
3-Methylcholanthrene	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
3-Nitroaniline	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Aminobiphenyl	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Bromophenyl-phenylether	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chloroaniline	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chlorobenzilate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chlorophenyl-phenylether	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Nitroaniline	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Nitrophenol	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Nitroquinoline-1-oxide	ND(4.3)	NA	ND(4.2)	ND(3.9)	ND(3.6)	NA	ND(4.3)
4-Phenylenediamine	ND(8.7)	NA	ND(8.5)	ND(7.8)	ND(7.3)	NA	ND(8.6)
5-Nitro-o-toluidine	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
7,12-Dimethylbenz(a)anthracene	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
a,a'-Dimethylphenethylamine	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Acenaphthene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Acenaphthylene	ND(0.43)	NA	0.061 J	ND(0.39)	0.024 J	NA	ND(0.43)
Acetophenone	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Aniline	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Anthracene	ND(0.43)	NA	0.053 J	ND(0.39)	ND(0.36)	NA	ND(0.43)
Aramite	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Benzidine	ND(4.3)	NA	ND(4.2)	ND(3.9)	ND(3.6)	NA	ND(4.3)
Benzo(a)anthracene	ND(0.43)	NA	0.20 J	0.084 J	0.063 J	NA	ND(0.43)
Benzo(a)pyrene	ND(0.43)	NA	0.23 J	0.099 J	0.073 J	NA	ND(0.43)
Benzo(b)fluoranthene	ND(0.43)	NA	0.23 J	0.090 J	0.066 J	NA	ND(0.43)
Benzo(g,h,i)perylene	ND(0.43)	NA	0.081 J	ND(0.39)	ND(0.36)	NA	ND(0.43)
Benzo(k)fluoranthene	ND(0.43)	NA	0.27 J	0.10 J	0.079 J	NA	ND(0.43)
Benzyl Alcohol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Chloroethoxy)methane	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Butylbenzylphthalate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Chrysene	ND(0.43)	NA	0.28 J	0.11 J	0.090 J	NA	ND(0.43)
Diallate	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Dibenzo(a,h)anthracene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-4						
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G13	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/19/03	02/13/03
Semivolatile Organics (continued)							
Dibenzofuran	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Diethylphthalate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Dimethylphthalate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Di-n-Octylphthalate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Diphenylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Ethyl Methanesulfonate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Fluoranthene	ND(0.43)	NA	0.52	0.22 J	0.16 J	NA	ND(0.43)
Fluorene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorobutadiene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorocyclopentadiene	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Hexachloroethane	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorophene	ND(8.8)	NA	ND(8.6)	ND(7.9)	ND(7.4)	NA	ND(8.8)
Hexachloropropene	ND(4.3)	NA	ND(4.2)	ND(3.9)	ND(3.6)	NA	ND(4.3)
Indeno(1,2,3-cd)pyrene	ND(0.43)	NA	0.10 J	ND(0.39)	ND(0.36)	NA	ND(0.43)
Isodrin	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Isophorone	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Isosafrole	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Methapyrilene	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Methyl Methanesulfonate	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Naphthalene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Nitrobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosodiethylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosodimethylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitroso-di-n-butylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitroso-di-n-propylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosodiphenylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosomethylethylamine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosomorpholine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosopiperidine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosopyrrolidine	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
o,o,o-Triethylphosphorothioate	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
o-Toluidine	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
p-Dimethylaminoazobenzene	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Pentachlorobenzene	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Pentachloroethane	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Pentachloronitrobenzene	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Pentachlorophenol	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Phenacetin	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Phenanthrene	ND(0.43)	NA	0.25 J	0.11 J	0.088 J	NA	ND(0.43)
Phenol	ND(0.43)	NA	ND(0.42)	ND(0.39)	ND(0.36)	NA	ND(0.43)
Pronamide	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Pyrene	ND(0.43)	NA	0.33 J	0.14 J	0.12 J	NA	ND(0.43)
Pyridine	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Safrole	ND(0.87)	NA	ND(0.85)	ND(0.78)	ND(0.73)	NA	ND(0.86)
Thionazin	ND(2.1)	NA	ND(2.1)	ND(1.9)	ND(1.8)	NA	ND(2.1)
Furans							
2,3,7,8-TCDF	ND(0.00000030) XJ	NA	0.000025 Y	0.0000057 YJ	0.0000034 Y	NA	0.000012 Y
TCDFs (total)	ND(0.00000030) XJ	NA	0.00010	0.000027 J	0.000017	NA	0.000050
1,2,3,7,8-PeCDF	ND(0.00000032) XJ	NA	0.0000073	ND(0.0000023) XJ	ND(0.0000011) X	NA	0.0000033 J
2,3,4,7,8-PeCDF	ND(0.00000030) XJ	NA	0.0000069	0.0000038 J	ND(0.0000018) X	NA	0.0000054 J
PeCDFs (total)	ND(0.00000032) XJ	NA	0.000031	0.000012 J	0.0000047	NA	0.000070
1,2,3,4,7,8-HxCDF	ND(0.00000024) X	NA	0.0000066	0.0000051 J	ND(0.0000024) X	NA	0.000016
1,2,3,6,7,8-HxCDF	ND(0.00000016) X	NA	0.0000034 J	0.0000034 J	ND(0.0000015) X	NA	0.0000079
1,2,3,7,8,9-HxCDF	ND(0.00000012) X	NA	ND(0.00000021)	ND(0.0000010)	ND(0.00000044)	NA	ND(0.0000015)
2,3,4,6,7,8-HxCDF	ND(0.00000017) X	NA	ND(0.0000030) X	ND(0.0000022) X	ND(0.0000011) X	NA	0.000013
HxCDFs (total)	ND(0.00000024) X	NA	0.000056	0.000067	0.000056	NA	0.00037
1,2,3,4,6,7,8-HpCDF	ND(0.00000016) X	NA	0.000049	0.00013	0.00013	NA	0.00012
1,2,3,4,7,8,9-HpCDF	ND(0.00000012) X	NA	ND(0.0000017) X	ND(0.0000021) X	ND(0.0000013) X	NA	0.0000098
HpCDFs (total)	ND(0.00000016)	NA	0.000093	0.00024	0.00023	NA	0.00031
OCDF	ND(0.00000029)	NA	0.000055	0.000094	0.000085	NA	0.00020

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-4						
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G13	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03	02/19/03	02/13/03
Dioxins							
2,3,7,8-TCDD	ND(0.00000020) XJ	NA	ND(0.00000018) X	ND(0.00000018) J	ND(0.00000013) X	NA	ND(0.00000048) X
TCDDs (total)	ND(0.00000020) XJ	NA	ND(0.00000059) X	ND(0.00000031) J	ND(0.00000026)	NA	0.0000018
1,2,3,7,8-PeCDD	ND(0.00000022)	NA	ND(0.00000053) X	ND(0.00000057) J	ND(0.00000036)	NA	0.0000064 J
PeCDDs (total)	ND(0.00000066) X	NA	ND(0.00000088) X	ND(0.00000057) J	ND(0.00000058) X	NA	0.000036
1,2,3,4,7,8-HxCDD	ND(0.00000017) X	NA	ND(0.00000053) X	ND(0.00000052) X	ND(0.00000061) X	NA	0.0000054 J
1,2,3,6,7,8-HxCDD	ND(0.00000014) X	NA	ND(0.0000021) X	ND(0.0000025) X	0.0000032 J	NA	0.000019
1,2,3,7,8,9-HxCDD	ND(0.00000014) X	NA	ND(0.0000012) X	ND(0.0000016) X	ND(0.0000014) X	NA	0.0000075
HxCDDs (total)	ND(0.00000017) X	NA	0.0000084	0.000013	0.000017	NA	0.00015
1,2,3,4,6,7,8-HpCDD	ND(0.00000055) X	NA	0.000047	0.000067	0.000094	NA	0.00021
HpCDDs (total)	ND(0.00000055) X	NA	0.000082	0.00012	0.00018	NA	0.00038
OCDD	ND(0.0000042) X	NA	0.00053	0.00064	0.0010	NA	0.0018
Total TEQs (WHO TEFs)	0.00000037	NA	0.0000090	0.0000062	0.0000041	NA	0.000021
Inorganics							
Antimony	ND(7.90)	NA	ND(7.70)	ND(7.10)	ND(6.60)	NA	ND(7.80)
Arsenic	2.20	NA	4.40	3.00	3.20	NA	1.50
Barium	45.4	NA	39.8	59.5	25.5	NA	19.5 B
Beryllium	0.840	NA	0.760	0.610	0.620	NA	0.600 B
Cadmium	0.430 B	NA	0.580 B	0.740	0.410 B	NA	0.310 B
Chromium	11.5	NA	23.2	9.60	10.7	NA	7.80
Cobalt	8.30	NA	6.40 B	6.90	5.60	NA	5.20 B
Copper	11.1	NA	20.9	14.3	14.4	NA	6.40
Cyanide	ND(0.660)	NA	0.260 B	ND(0.590)	ND(0.550)	NA	ND(0.650)
Lead	6.60	NA	56.2	24.5	17.1	NA	7.50
Mercury	0.0590	NA	0.250	0.220	0.110	NA	0.0380 B
Nickel	14.9	NA	12.5	13.0	11.3	NA	9.50
Selenium	ND(0.660)	NA	0.840	0.380 B	ND(0.550)	NA	ND(0.650)
Silver	ND(1.30)	NA	ND(1.30)	ND(1.20)	ND(1.10)	NA	ND(1.30)
Sulfide	ND(13.1)	NA	ND(12.8)	ND(11.8)	ND(11.0)	NA	ND(13.1)
Thallium	0.880 B	NA	ND(1.30)	0.850 B	0.690 B	NA	ND(1.30)
Tin	ND(5.40)	NA	ND(8.00)	ND(6.40)	ND(4.90)	NA	ND(5.50)
Vanadium	12.7	NA	15.1	10.0	7.70	NA	8.20
Zinc	58.4	NA	79.4	148	47.9	NA	38.8

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E20	RAA15-E20
Sample Depth(Feet):	0-1	1-3	3-6	4-6	3-6	4-6
Parameter / Date Collected:	02/20/03	02/20/03	02/20/03	02/20/03	02/19/03	02/19/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,1,1-Trichloroethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,1,2,2-Tetrachloroethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,1,2-Trichloroethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,1-Dichloroethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,1-Dichloroethene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,2,3-Trichloropropane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,2-Dibromo-3-chloropropane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,2-Dibromoethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,2-Dichloroethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,2-Dichloropropane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
1,4-Dioxane	ND(1.3) J	ND(1.3) J	NA	ND(1.2) J	NA	ND(1.2) J
2-Butanone	ND(0.0063)	0.0013 J	NA	0.0038 J	NA	ND(0.0062) J
2-Chloro-1,3-butadiene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062) J
2-Chloroethylvinylether	ND(0.013) J	ND(0.013) J	NA	ND(0.012) J	NA	ND(0.012) J
2-Hexanone	ND(0.025)	ND(0.026)	NA	ND(0.023)	NA	ND(0.025)
3-Chloropropene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
4-Methyl-2-pentanone	ND(0.025)	ND(0.026)	NA	ND(0.023)	NA	ND(0.025)
Acetone	ND(0.025)	ND(0.026)	NA	0.0098 J	NA	ND(0.025) J
Acetonitrile	ND(0.13) J	ND(0.13) J	NA	ND(0.12) J	NA	ND(0.12)
Acrolein	ND(0.13) J	ND(0.13) J	NA	ND(0.12) J	NA	ND(0.12) J
Acrylonitrile	ND(0.13)	ND(0.13)	NA	ND(0.12)	NA	ND(0.12) J
Benzene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Bromodichloromethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Bromoform	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Bromomethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Carbon Disulfide	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Carbon Tetrachloride	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Chlorobenzene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Chloroethane	ND(0.013)	ND(0.013)	NA	ND(0.012)	NA	ND(0.012)
Chloroform	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Chloromethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
cis-1,3-Dichloropropene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Dibromochloromethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Dibromomethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Dichlorodifluoromethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Ethyl Methacrylate	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Ethylbenzene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Iodomethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Isobutanol	ND(0.25)	ND(0.26)	NA	ND(0.23)	NA	ND(0.25) J
Methacrylonitrile	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Methyl Methacrylate	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Methylene Chloride	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Propionitrile	ND(0.013) J	ND(0.013) J	NA	ND(0.012) J	NA	ND(0.012)
Styrene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Tetrachloroethene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Toluene	ND(0.0063)	ND(0.00081)	NA	ND(0.0058)	NA	ND(0.0062)
trans-1,2-Dichloroethene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
trans-1,3-Dichloropropene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
trans-1,4-Dichloro-2-butene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Trichloroethene	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Trichlorofluoromethane	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Vinyl Acetate	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Vinyl Chloride	ND(0.013)	ND(0.013)	NA	ND(0.012)	NA	ND(0.012)
Xylenes (total)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)	NA	ND(0.0062)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
1,2-Dichlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
1,2-Diphenylhydrazine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
1,3,5-Trinitrobenzene	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
1,3-Dichlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E20	RAA15-E20
Sample Depth(Feet):	0-1	1-3	3-6	4-6	3-6	4-6
Parameter Date Collected:	02/20/03	02/20/03	02/20/03	02/20/03	02/19/03	02/19/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
1,4-Naphthoquinone	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
1-Naphthylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,4,5-Trichlorophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,4,6-Trichlorophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,4-Dichlorophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,4-Dimethylphenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
2,4-Dinitrotoluene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,6-Dichlorophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2,6-Dinitrotoluene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2-Acetylaminofluorene	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
2-Chloronaphthalene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2-Chlorophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2-Methylnaphthalene	ND(0.37)	ND(0.37)	0.034 J	NA	0.035 J	NA
2-Methylphenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2-Naphthylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2-Nitroaniline	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
2-Nitrophenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
2-Picoline	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
3&4-Methylphenol	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
3,3'-Dichlorobenzidine	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
3,3'-Dimethylbenzidine	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
3-Methylcholanthrene	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
3-Nitroaniline	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
4-Aminobiphenyl	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
4-Bromophenyl-phenylether	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
4-Chloroaniline	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
4-Chlorobenzilate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
4-Nitroaniline	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
4-Nitrophenol	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
4-Nitroquinoline-1-oxide	ND(3.7)	ND(3.7)	ND(4.0)	NA	ND(4.4)	NA
4-Phenylenediamine	ND(7.5)	ND(7.5)	ND(8.1)	NA	ND(8.8)	NA
5-Nitro-o-toluidine	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
a,a'-Dimethylphenethylamine	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Acenaphthene	ND(0.37)	ND(0.37)	0.069 J	NA	0.059 J	NA
Acenaphthylene	ND(0.37)	ND(0.37)	ND(0.40)	NA	0.043 J	NA
Acetophenone	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Aniline	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Anthracene	ND(0.37)	ND(0.37)	0.16 J	NA	0.13 J	NA
Aramite	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Benzidine	ND(3.7)	ND(3.7)	ND(4.0)	NA	ND(4.4)	NA
Benzo(a)anthracene	0.074 J	0.10 J	0.31 J	NA	0.30 J	NA
Benzo(a)pyrene	0.076 J	0.095 J	0.27 J	NA	0.30 J	NA
Benzo(b)fluoranthene	0.065 J	0.083 J	0.22 J	NA	0.22 J	NA
Benzo(g,h,i)perylene	ND(0.37)	ND(0.37)	0.098 J	NA	0.13 J	NA
Benzo(k)fluoranthene	0.078 J	0.090 J	0.28 J	NA	0.28 J	NA
Benzyl Alcohol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Butylbenzylphthalate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Chrysene	0.091 J	0.12 J	0.32 J	NA	0.35 J	NA
Diallate	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E20	RAA15-E20
Sample Depth(Feet):	0-1	1-3	3-6	4-6	3-6	4-6
Parameter / Date Collected:	02/20/03	02/20/03	02/20/03	02/20/03	02/19/03	02/19/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.37)	ND(0.37)	0.056 J	NA	0.043 J	NA
Diethylphthalate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Dimethylphthalate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Di-n-Butylphthalate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Di-n-Octylphthalate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Diphenylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Ethyl Methanesulfonate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Fluoranthene	0.16 J	0.20 J	0.65	NA	0.60	NA
Fluorene	ND(0.37)	ND(0.37)	0.080 J	NA	0.068 J	NA
Hexachlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Hexachlorobutadiene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Hexachlorocyclopentadiene	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Hexachloroethane	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Hexachlorophene	ND(7.6) J	ND(7.6) J	ND(8.2) J	NA	ND(9.0) J	NA
Hexachloropropene	ND(3.7)	ND(3.7)	ND(4.0)	NA	ND(4.4)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.37)	0.12 J	NA	0.14 J	NA
Isodrin	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Isophorone	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Isosafrole	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Methapyrilene	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Methyl Methanesulfonate	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Naphthalene	ND(0.37)	ND(0.37)	0.081 J	NA	0.052 J	NA
Nitrobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosodiethylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosodimethylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitroso-di-n-butylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosodiphenylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosomethylethylamine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosomorpholine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosopiperidine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
N-Nitrosopyrrolidine	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
o,o,o-Triethylphosphorothioate	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
o-Toluidine	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
p-Dimethylaminoazobenzene	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Pentachlorobenzene	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Pentachloroethane	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Pentachloronitrobenzene	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Pentachlorophenol	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Phenacetin	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Phenanthrene	0.082 J	0.16 J	0.57	NA	0.58	NA
Phenol	ND(0.37)	ND(0.37)	ND(0.40)	NA	ND(0.44)	NA
Pronamide	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Pyrene	0.13 J	0.17 J	0.48	NA	0.49	NA
Pyridine	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Safrole	ND(0.75)	ND(0.75)	ND(0.81)	NA	ND(0.88)	NA
Thionazin	ND(1.8)	ND(1.8)	ND(2.0)	NA	ND(2.1)	NA
Furans						
2,3,7,8-TCDF	ND(0.0000015) X	ND(0.0000018) X	ND(0.0000019) X	NA	ND(0.0000020) X	NA
TCDFs (total)	ND(0.000068) X	ND(0.000047) X	ND(0.000026) X	NA	ND(0.000020) X	NA
1,2,3,7,8-PeCDF	ND(0.00000041) X	0.00000071 J	ND(0.00000052) X	NA	0.0000012 J	NA
2,3,4,7,8-PeCDF	ND(0.00000070) X	0.0000011 J	ND(0.00000083) X	NA	0.0000018 J	NA
PeCDFs (total)	ND(0.00013) X	ND(0.000074) X	ND(0.000045) X	NA	ND(0.000031) X	NA
1,2,3,4,7,8-HxCDF	0.0000016 J	0.0000016 J	0.0000014 J	NA	0.0000044 J	NA
1,2,3,6,7,8-HxCDF	ND(0.000012) X	ND(0.0000067) X	ND(0.0000056) X	NA	ND(0.0000042) X	NA
1,2,3,7,8,9-HxCDF	ND(0.00000029)	ND(0.00000031)	ND(0.00000017)	NA	ND(0.00000029)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000055) X	ND(0.00000070) X	0.00000074 J	NA	ND(0.00000085) X	NA
HxCDFs (total)	ND(0.00010) X	ND(0.000059) X	ND(0.000050) X	NA	ND(0.00019) X	NA
1,2,3,4,6,7,8-HpCDF	0.000024	0.000045	0.000045	NA	0.00043	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000049)	ND(0.00000087) X	0.0000011 J	NA	0.0000052 J	NA
HpCDFs (total)	0.000045	ND(0.000079) X	0.000083	NA	0.00094	NA
OCDF	0.000020	0.000037	0.000037	NA	0.00050	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E20	RAA15-E20
Sample Depth(Feet):	0-1	1-3	3-6	4-6	3-6	4-6
Parameter / Date Collected:	02/20/03	02/20/03	02/20/03	02/20/03	02/19/03	02/19/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000063)	ND(0.00000063)	ND(0.00000045)	NA	ND(0.00000043)	NA
TCDDs (total)	ND(0.00000063)	ND(0.00000075) X	0.00000051 J	NA	ND(0.00000043)	NA
1,2,3,7,8-PeCDD	ND(0.00000043) X	ND(0.00000039)	ND(0.00000030)	NA	ND(0.00000029)	NA
PeCDDs (total)	ND(0.0000024) X	ND(0.0000015) X	ND(0.00000079) X	NA	ND(0.00000071) X	NA
1,2,3,4,7,8-HxCDD	ND(0.00000039)	ND(0.00000047)	ND(0.00000028)	NA	ND(0.00000052) X	NA
1,2,3,6,7,8-HxCDD	ND(0.00000090) X	ND(0.0000014) X	0.0000041 J	NA	0.0000046 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000082) X	0.00000097 J	0.00000084 J	NA	0.0000016 J	NA
HxCDDs (total)	ND(0.0000087) X	ND(0.000011) X	ND(0.000011) X	NA	ND(0.000028) X	NA
1,2,3,4,6,7,8-HpCDD	0.000020	0.000032	0.000031	NA	0.00024	NA
HpCDDs (total)	0.000036	0.000052	0.000051	NA	0.00055	NA
OCDD	0.00017	0.00026	0.00032	NA	0.0034	NA
Total TEQs (WHO TEFs)	0.0000022	0.0000027	0.0000025	NA	0.0000099	NA
Inorganics						
Antimony	ND(6.80)	0.440 B	ND(7.30)	NA	ND(8.00)	NA
Arsenic	2.20	2.60	2.00	NA	2.10	NA
Barium	25.4	24.3	30.7	NA	28.8	NA
Beryllium	0.190 B	0.0610 B	ND(0.610)	NA	0.220 B	NA
Cadmium	0.280 B	0.270 B	0.300 B	NA	0.250 B	NA
Chromium	9.60	9.40	11.0	NA	14.2	NA
Cobalt	5.50 B	5.70	6.50	NA	5.40 B	NA
Copper	12.2	11.1	13.1	NA	14.6	NA
Cyanide	0.360 B	0.210 B	ND(0.610)	NA	ND(0.670)	NA
Lead	12.2	12.9	16.0	NA	24.9	NA
Mercury	0.0330 B	0.0480	0.0590	NA	0.140	NA
Nickel	10.0	10.2	11.0	NA	10.5	NA
Selenium	ND(0.570)	ND(0.570)	ND(0.610)	NA	ND(0.670)	NA
Silver	ND(1.10)	ND(1.10)	ND(1.20)	NA	ND(1.30)	NA
Sulfide	ND(11.4)	ND(11.3)	ND(12.2)	NA	ND(13.4)	NA
Thallium	ND(1.10)	ND(1.10)	ND(1.20)	NA	ND(1.30) J	NA
Tin	ND(5.40)	ND(4.80)	ND(5.70)	NA	ND(7.80)	NA
Vanadium	8.50	8.80	8.90	NA	9.10	NA
Zinc	47.0	50.3	55.4	NA	56.0	NA

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-E21	RAA15-F19	RAA15-F22	RAA15-F24	RAA15-F24
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3
Parameter Date Collected:	02/19/03	02/18/03	02/18/03	02/18/03	02/18/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,1,1-Trichloroethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,1,2,2-Tetrachloroethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,1,2-Trichloroethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,1-Dichloroethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,1-Dichloroethene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,2,3-Trichloropropane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,2-Dibromo-3-chloropropane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,2-Dibromoethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,2-Dichloroethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,2-Dichloropropane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
1,4-Dioxane	ND(1.2) J	ND(1.7) J [ND(1.9) J]	ND(1.4) J	ND(1.3) J	ND(0.98) J
2-Butanone	ND(0.0061) J	ND(0.0085) J [ND(0.0093) J]	ND(0.0070) J	ND(0.0064) J	ND(0.0049) J
2-Chloro-1,3-butadiene	ND(0.0061) J	ND(0.0085) J [ND(0.0093) J]	ND(0.0070) J	ND(0.0064) J	ND(0.0049) J
2-Chloroethylvinylether	ND(0.012) J	ND(0.017) J [ND(0.019) J]	ND(0.014) J	ND(0.013) J	ND(0.0098) J
2-Hexanone	ND(0.024)	ND(0.034) J [ND(0.037) J]	ND(0.028) J	ND(0.026) J	ND(0.020) J
3-Chloropropene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
4-Methyl-2-pentanone	ND(0.024)	ND(0.034) [ND(0.037)]	ND(0.028)	ND(0.026)	ND(0.020)
Acetone	ND(0.024) J	ND(0.034) J [ND(0.037) J]	ND(0.028) J	ND(0.026) J	ND(0.020) J
Acetonitrile	ND(0.12)	ND(0.17) J [ND(0.19) J]	ND(0.14) J	ND(0.13) J	ND(0.098) J
Acrolein	ND(0.12) J	ND(0.17) J [ND(0.19) J]	ND(0.14) J	ND(0.13) J	ND(0.098) J
Acrylonitrile	ND(0.12) J	ND(0.17) J [ND(0.19) J]	ND(0.14) J	ND(0.13) J	ND(0.098) J
Benzene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Bromodichloromethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Bromoform	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Bromomethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Carbon Disulfide	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Carbon Tetrachloride	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Chlorobenzene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Chloroethane	ND(0.012)	ND(0.017) [ND(0.019)]	ND(0.014)	ND(0.013)	ND(0.0098)
Chloroform	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Chloromethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
cis-1,3-Dichloropropene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Dibromochloromethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Dibromomethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Dichlorodifluoromethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Ethyl Methacrylate	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Ethylbenzene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Iodomethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Isobutanol	ND(0.24) J	ND(0.34) J [ND(0.37) J]	ND(0.28) J	ND(0.26) J	ND(0.20) J
Methacrylonitrile	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Methyl Methacrylate	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Methylene Chloride	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Propionitrile	ND(0.012)	ND(0.017) [ND(0.019)]	ND(0.014)	ND(0.013)	ND(0.0098)
Styrene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Tetrachloroethene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Toluene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
trans-1,2-Dichloroethene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
trans-1,3-Dichloropropene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
trans-1,4-Dichloro-2-butene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Trichloroethene	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Trichlorofluoromethane	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Vinyl Acetate	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Vinyl Chloride	ND(0.012)	ND(0.017) [ND(0.019)]	ND(0.014)	ND(0.013)	ND(0.0098)
Xylenes (total)	ND(0.0061)	ND(0.0085) [ND(0.0093)]	ND(0.0070)	ND(0.0064)	ND(0.0049)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
1,2-Dichlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
1,2-Diphenylhydrazine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
1,3,5-Trinitrobenzene	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
1,3-Dichlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-E21	RAA15-F19	RAA15-F22	RAA15-F24	RAA15-F24
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	02/19/03	02/18/03	02/18/03	02/18/03	02/18/03
Semivolatile Organics (continued)					
1,3-Dinitrobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
1,4-Dichlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
1,4-Naphthoquinone	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
1-Naphthylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,3,4,6-Tetrachlorophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,4,6-Trichlorophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,4-Dichlorophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,4-Dimethylphenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,4-Dinitrophenol	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
2,4-Dinitrotoluene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,6-Dichlorophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2,6-Dinitrotoluene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Acetylaminofluorene	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
2-Chloronaphthalene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Chlorophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Methylnaphthalene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Methylphenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Naphthylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Nitroaniline	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
2-Nitrophenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
2-Picoline	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
3&4-Methylphenol	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
3,3'-Dichlorobenzidine	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
3,3'-Dimethylbenzidine	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
3-Methylcholanthrene	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
3-Nitroaniline	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
4-Aminobiphenyl	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
4-Chloro-3-Methylphenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
4-Chloroaniline	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
4-Chlorobenzilate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
4-Chlorophenyl-phenylether	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
4-Nitroaniline	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
4-Nitrophenol	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
4-Nitroquinoline-1-oxide	ND(4.2)	ND(5.5) [ND(11)]	ND(4.8)	ND(4.5)	ND(4.1)
4-Phenylenediamine	ND(8.3)	ND(11) [ND(22)]	ND(9.6)	ND(9.0)	ND(8.2)
5-Nitro-o-toluidine	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
7,12-Dimethylbenz(a)anthracene	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
a,a'-Dimethylphenethylamine	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Acenaphthene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Acenaphthylene	0.085 J	0.22 J [0.12 J]	0.052 J	0.046 J	ND(0.41)
Acetophenone	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Aniline	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Anthracene	0.086 J	0.15 J [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Aramite	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Benzidine	ND(4.2)	ND(5.5) [ND(11)]	ND(4.8)	ND(4.5)	ND(4.1)
Benzo(a)anthracene	0.29 J	0.49 J [0.33 J]	0.20 J	0.20 J	0.090 J
Benzo(a)pyrene	0.32 J	0.63 [0.39 J]	0.23 J	0.22 J	0.098 J
Benzo(b)fluoranthene	0.26 J	0.64 [0.35 J]	0.21 J	0.18 J	0.081 J
Benzo(g,h,i)perylene	0.15 J	0.19 J [0.31 J]	0.13 J	0.15 J	0.070 J
Benzo(k)fluoranthene	0.32 J	0.69 [0.38 J]	0.22 J	0.21 J	0.096 J
Benzyl Alcohol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
bis(2-Chloroethoxy)methane	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
bis(2-Chloroethyl)ether	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
bis(2-Chloroisopropyl)ether	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Butylbenzylphthalate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Chrysene	0.40 J	0.77 [0.51 J]	0.27 J	0.25 J	0.11 J
Diallate	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-E21	RAA15-F19	RAA15-F22	RAA15-F24	RAA15-F24
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	02/19/03	02/18/03	02/18/03	02/18/03	02/18/03
Semivolatile Organics (continued)					
Dibenzofuran	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Diethylphthalate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Dimethylphthalate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Di-n-Butylphthalate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Di-n-Octylphthalate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Diphenylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Ethyl Methanesulfonate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Fluoranthene	0.64	1.5 [0.89 J]	0.40 J	0.37 J	0.17 J
Fluorene	0.040 J	0.058 J [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Hexachlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Hexachlorobutadiene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Hexachlorocyclopentadiene	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Hexachloroethane	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Hexachlorophene	ND(8.5) J	ND(11) J [ND(23) J]	ND(9.7) J	ND(9.1) J	ND(8.3) J
Hexachloropropene	ND(4.2)	ND(5.5) [ND(11)]	ND(4.8)	ND(4.5)	ND(4.1)
Indeno(1,2,3-cd)pyrene	0.17 J	0.23 J [0.30 J]	0.15 J	0.18 J	0.078 J
Isodrin	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Isophorone	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Isosafrole	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Methapyrilene	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Methyl Methanesulfonate	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Naphthalene	0.031 J	0.038 J [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Nitrobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosodiethylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosodimethylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitroso-di-n-butylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitroso-di-n-propylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosodiphenylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosomethylethylamine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosomorpholine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosopiperidine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
N-Nitrosopyrrolidine	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
o,o,o-Triethylphosphorothioate	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
o-Toluidine	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
p-Dimethylaminoazobenzene	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Pentachlorobenzene	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Pentachloroethane	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Pentachloronitrobenzene	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Pentachlorophenol	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Phenacetin	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Phenanthrene	0.42	0.78 [0.57 J]	0.21 J	0.19 J	0.093 J
Phenol	ND(0.42)	ND(0.55) [ND(1.1)]	ND(0.48)	ND(0.45)	ND(0.41)
Pronamide	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Pyrene	0.56	0.98 [0.87 J]	0.36 J	0.35 J	0.16 J
Pyridine	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Safrole	ND(0.83)	ND(1.1) [ND(2.2)]	ND(0.96)	ND(0.90)	ND(0.82)
Thionazin	ND(2.0)	ND(2.7) [ND(5.4)]	ND(2.3)	ND(2.2)	ND(2.0)
Furans					
2,3,7,8-TCDF	ND(0.0000015) X	0.000011 J [0.0000038 J]	0.000021	ND(0.000016) X	0.0000036
TCDFs (total)	ND(0.000011) X	ND(0.0014) X [ND(0.000094) X]	ND(0.00012) X	ND(0.000062) X	ND(0.000010) X
1,2,3,7,8-PeCDF	ND(0.00000038) X	0.0000033 J [ND(0.0000010) X]	0.0000050 J	0.0000044 J	ND(0.00000090) X
2,3,4,7,8-PeCDF	0.00000056 J	0.0000086 [0.0000014 J]	0.0000047 J	0.0000038 J	ND(0.00000027)
PeCDFs (total)	ND(0.000019) X	ND(0.0043) X [ND(0.00027) X]	ND(0.000070) X	ND(0.000048) X	ND(0.0000069) X
1,2,3,4,7,8-HxCDF	0.00000093 J	0.000018 [0.0000026 J]	0.0000049 J	0.0000046 J	ND(0.00000072) X
1,2,3,6,7,8-HxCDF	ND(0.0000024) X	ND(0.00065) X [ND(0.000050) X]	ND(0.0000059) X	ND(0.0000043) X	ND(0.00000079) X
1,2,3,7,8,9-HxCDF	ND(0.00000012)	0.00000069 J [ND(0.00000023)]	ND(0.00000014)	ND(0.00000026)	ND(0.00000021)
2,3,4,6,7,8-HxCDF	0.00000047 J	0.000011 [0.0000016 J]	0.0000012 J	0.00000099 J	0.00000024 J
HxCDFs (total)	ND(0.000024) X	ND(0.0031) X [ND(0.00023) X]	ND(0.000053) X	ND(0.000046) X	ND(0.0000078) X
1,2,3,4,6,7,8-HpCDF	0.000026	0.00011 J [0.000035 J]	0.000033	0.000045	0.0000084
1,2,3,4,7,8,9-HpCDF	0.00000063 J	0.00001 J [0.0000014 J]	0.0000012 J	ND(0.0000014) X	ND(0.00000037)
HpCDFs (total)	0.000051	0.00025 J [0.00007 J]	0.000063	ND(0.000096) X	0.000015
OCDF	0.000023	0.000085 J [0.000023 J]	0.000025	0.000073	ND(0.0000061) X

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-E21	RAA15-F19	RAA15-F22	RAA15-F24	RAA15-F24
Sample Depth(Feet):	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	02/19/03	02/18/03	02/18/03	02/18/03	02/18/03
Dioxins					
2,3,7,8-TCDD	ND(0.00000033)	ND(0.00000061) [ND(0.00000057)]	ND(0.00000035)	ND(0.00000047)	ND(0.00000047)
TCDDs (total)	ND(0.00000033)	ND(0.0000033) X [ND(0.00000057)]	ND(0.0000023) X	0.00000042 J	ND(0.00000047)
1,2,3,7,8-PeCDD	ND(0.00000027) X	ND(0.0000047) X [0.0000076 J]	ND(0.00000026)	ND(0.00000048) X	ND(0.00000026)
PeCDDs (total)	ND(0.0000011) X	ND(0.000034) X [ND(0.0000098) X]	ND(0.0000022) X	ND(0.0000014) X	ND(0.00000026)
1,2,3,4,7,8-HxCDD	ND(0.00000023) X	ND(0.0000041) X [0.00000054 J]	ND(0.00000031) X	ND(0.00000033)	ND(0.00000028)
1,2,3,6,7,8-HxCDD	ND(0.00000091) X	0.000011 [ND(0.0000014) X]	ND(0.0000011) X	0.0000016 J	ND(0.00000026)
1,2,3,7,8,9-HxCDD	0.0000012 J	0.0000081 J [0.0000013 J]	0.00000085 J	0.00000092 J	ND(0.00000027)
HxCDDs (total)	ND(0.0000080) X	ND(0.00011) X [ND(0.000014) X]	ND(0.0000085) X	0.0000096 J	ND(0.0000010) X
1,2,3,4,6,7,8-HpCDD	0.000028	0.000097 J [0.000023 J]	0.000022	0.000055	0.0000054 J
HpCDDs (total)	0.000053	0.00018 J [0.000041 J]	0.000038	0.000089	0.0000090 J
OCDD	0.00028	0.00064 J [0.00017 J]	0.00019	0.00065	0.000059
Total TEQs (WHO TEFs)	0.0000017	0.000048 [0.000013]	0.0000067	0.0000055	0.0000011
Inorganics					
Antimony	ND(7.60)	ND(10.1) J [ND(10.2)]	ND(8.70) J	ND(8.20) J	ND(7.40) J
Arsenic	2.20	5.70 [5.90]	7.20	6.30	4.20
Barium	29.4	80.1 [75.9]	80.0	69.7	56.0
Beryllium	0.260 B	1.00 [ND(1.00)]	0.880	0.790	0.660
Cadmium	0.260 B	1.00 [1.10]	1.00	0.790	0.630
Chromium	12.5	37.0 [32.3]	52.0	48.6	26.8
Cobalt	5.90 B	10.9 [10.5]	10.9	9.8	8.8
Copper	14.9	41.3 [38.8]	48.6	43.5	29.2
Cyanide	ND(0.630)	ND(0.750) [ND(0.850)]	ND(0.720)	ND(0.680)	ND(0.620)
Lead	18.6	86.9 [78.9]	87.9	84.5	38.1
Mercury	0.110	0.440 [0.470]	0.800	0.510	0.380
Nickel	10.6	22.5 [20.8]	20.2	18.1	15.7
Selenium	ND(0.630)	1.10 [0.950]	1.10	0.390 B	ND(0.620)
Silver	ND(1.30)	ND(1.70) [0.160 B]	ND(1.50)	0.110 B	ND(1.20)
Sulfide	ND(12.6)	ND(16.7) [ND(17.0)]	ND(14.5)	ND(13.6)	ND(12.4)
Thallium	ND(1.30) J	2.30 [1.10 B]	2.20	1.90	1.70
Tin	ND(6.20)	11.5 B [11.1 B]	12.2 B	11.9 B	8.90 B
Vanadium	10.1	25.2 [25.5]	20.3	17.8	14.3
Zinc	57.3	141 [130]	132	118	76.2

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G15	RAA15-G15	RAA15-G17	RAA15-G20	RAA15-G20
Sample Depth(Feet):	6-10	8-10	0-1	0-1	1-3
Parameter / Date Collected:	02/13/03	02/13/03	02/17/03	02/14/03	02/14/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,1,1-Trichloroethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,1,2,2-Tetrachloroethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,1,2-Trichloroethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,1-Dichloroethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,1-Dichloroethene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,2,3-Trichloropropane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,2-Dibromo-3-chloropropane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,2-Dibromoethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,2-Dichloroethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,2-Dichloropropane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
1,4-Dioxane	NA	ND(1.2) J	ND(1.3) J	ND(1.5) J	ND(1.2) J
2-Butanone	NA	ND(0.0058) J	ND(0.0066) J	ND(0.0075) J	ND(0.0061) J
2-Chloro-1,3-butadiene	NA	ND(0.0058)	ND(0.0066) J	ND(0.0075)	ND(0.0061)
2-Chloroethylvinylether	NA	ND(0.012) J	ND(0.013) J	ND(0.015) J	ND(0.012) J
2-Hexanone	NA	ND(0.023)	ND(0.026) J	ND(0.030) J	ND(0.025) J
3-Chloropropene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
4-Methyl-2-pentanone	NA	ND(0.023)	ND(0.026)	ND(0.030)	ND(0.025)
Acetone	NA	ND(0.023) J	ND(0.026) J	ND(0.030) J	ND(0.025) J
Acetonitrile	NA	ND(0.12) J	ND(0.13) J	ND(0.15) J	ND(0.12) J
Acrolein	NA	ND(0.12) J	ND(0.13) J	ND(0.15)	ND(0.12)
Acrylonitrile	NA	ND(0.12)	ND(0.13) J	ND(0.15)	ND(0.12)
Benzene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Bromodichloromethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Bromoform	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Bromomethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Carbon Disulfide	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Carbon Tetrachloride	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Chlorobenzene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Chloroethane	NA	ND(0.012)	ND(0.013)	ND(0.015)	ND(0.012)
Chloroform	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Chloromethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
cis-1,3-Dichloropropene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Dibromochloromethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Dibromomethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Dichlorodifluoromethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075) J	ND(0.0061) J
Ethyl Methacrylate	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Ethylbenzene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Iodomethane	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Isobutanol	NA	ND(0.23) J	ND(0.26) J	ND(0.30) J	ND(0.25) J
Methacrylonitrile	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Methyl Methacrylate	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Methylene Chloride	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Propionitrile	NA	ND(0.012)	ND(0.013)	ND(0.015)	ND(0.012)
Styrene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Tetrachloroethene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Toluene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
trans-1,2-Dichloroethene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
trans-1,3-Dichloropropene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
trans-1,4-Dichloro-2-butene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Trichloroethene	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Trichlorofluoromethane	NA	ND(0.0058) J	ND(0.0066)	ND(0.0075)	ND(0.0061)
Vinyl Acetate	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Vinyl Chloride	NA	ND(0.012)	ND(0.013)	ND(0.015)	ND(0.012)
Xylenes (total)	NA	ND(0.0058)	ND(0.0066)	ND(0.0075)	ND(0.0061)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
1,2-Dichlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
1,2-Diphenylhydrazine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
1,3,5-Trinitrobenzene	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
1,3-Dichlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G15	RAA15-G15	RAA15-G17	RAA15-G20	RAA15-G20
Sample Depth(Feet):	6-10	8-10	0-1	0-1	1-3
Parameter Date Collected:	02/13/03	02/13/03	02/17/03	02/14/03	02/14/03
Semivolatile Organics (continued)					
1,3-Dinitrobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
1,4-Dichlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
1,4-Naphthoquinone	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
1-Naphthylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,3,4,6-Tetrachlorophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,4,6-Trichlorophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,4-Dichlorophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,4-Dimethylphenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,4-Dinitrophenol	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
2,4-Dinitrotoluene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,6-Dichlorophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2,6-Dinitrotoluene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Acetylaminofluorene	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
2-Chloronaphthalene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Chlorophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Methylnaphthalene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Methylphenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Naphthylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Nitroaniline	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
2-Nitrophenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
2-Picoline	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
3&4-Methylphenol	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
3,3'-Dichlorobenzidine	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
3,3'-Dimethylbenzidine	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
3-Methylcholanthrene	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
3-Nitroaniline	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
4-Aminobiphenyl	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
4-Bromophenyl-phenylether	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
4-Chloroaniline	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
4-Chlorobenzilate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
4-Chlorophenyl-phenylether	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
4-Nitroaniline	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
4-Nitrophenol	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(4.3)	NA	ND(4.6)	ND(4.7)	ND(3.9)
4-Phenylenediamine	ND(8.6)	NA	ND(9.3)	ND(9.4)	ND(7.8)
5-Nitro-o-toluidine	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
7,12-Dimethylbenz(a)anthracene	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
a,a'-Dimethylphenethylamine	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Acenaphthene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Acenaphthylene	ND(0.43)	NA	0.065 J	0.089 J	ND(0.39)
Acetophenone	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Aniline	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Anthracene	ND(0.43)	NA	ND(0.46)	0.062 J	ND(0.39)
Aramite	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Benzidine	ND(4.3)	NA	ND(4.6)	ND(4.7)	ND(3.9)
Benzo(a)anthracene	ND(0.43)	NA	0.21 J	0.27 J	ND(0.39)
Benzo(a)pyrene	ND(0.43)	NA	0.24 J	0.33 J	ND(0.39)
Benzo(b)fluoranthene	ND(0.43)	NA	0.25 J	0.32 J	ND(0.39)
Benzo(g,h,i)perylene	ND(0.43)	NA	0.086 J	0.12 J	ND(0.39)
Benzo(k)fluoranthene	ND(0.43)	NA	0.25 J	0.38 J	ND(0.39)
Benzyl Alcohol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
bis(2-Chloroethoxy)methane	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Butylbenzylphthalate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Chrysene	ND(0.43)	NA	0.28 J	0.39 J	ND(0.39)
Diallate	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Dibenzo(a,h)anthracene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G15	RAA15-G15	RAA15-G17	RAA15-G20	RAA15-G20
Sample Depth(Feet):	6-10	8-10	0-1	0-1	1-3
Parameter Date Collected:	02/13/03	02/13/03	02/17/03	02/14/03	02/14/03
Semivolatile Organics (continued)					
Dibenzofuran	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Diethylphthalate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Dimethylphthalate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Di-n-Butylphthalate	0.062 J	NA	ND(0.46)	ND(0.47)	ND(0.39)
Di-n-Octylphthalate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Diphenylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Ethyl Methanesulfonate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Fluoranthene	ND(0.43)	NA	0.49	0.65	ND(0.39)
Fluorene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Hexachlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Hexachlorobutadiene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Hexachlorocyclopentadiene	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Hexachloroethane	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Hexachlorophene	ND(8.7)	NA	ND(9.4) J	ND(9.5)	ND(7.9)
Hexachloropropene	ND(4.3)	NA	ND(4.6)	ND(4.7)	ND(3.9)
Indeno(1,2,3-cd)pyrene	ND(0.43)	NA	0.11 J	0.15 J	ND(0.39)
Isodrin	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Isophorone	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Isosafrole	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Methapyrilene	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Methyl Methanesulfonate	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Naphthalene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Nitrobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosodiethylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosodimethylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitroso-di-n-propylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosomorpholine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosopiperidine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
o-Toluidine	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
p-Dimethylaminoazobenzene	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Pentachlorobenzene	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Pentachloroethane	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Pentachloronitrobenzene	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Pentachlorophenol	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Phenacetin	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Phenanthrene	ND(0.43)	NA	0.22 J	0.29 J	ND(0.39)
Phenol	ND(0.43)	NA	ND(0.46)	ND(0.47)	ND(0.39)
Pronamide	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Pyrene	ND(0.43)	NA	0.34 J	0.45 J	ND(0.39)
Pyridine	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Safrole	ND(0.86)	NA	ND(0.93)	ND(0.94)	ND(0.78)
Thionazin	ND(2.1)	NA	ND(2.3)	ND(2.3)	ND(1.9)
Furans					
2,3,7,8-TCDF	0.0000018 Y	NA	0.0000036	0.000034 Y	0.0000017 Y
TCDFs (total)	0.0000040	NA	ND(0.000016) X	0.00015	0.0000019
1,2,3,7,8-PeCDF	ND(0.00000041)	NA	ND(0.00000066) X	0.000012	ND(0.00000057) X
2,3,4,7,8-PeCDF	ND(0.00000016)	NA	ND(0.00000045) X	0.000012	ND(0.00000026) X
PeCDFs (total)	ND(0.00000041)	NA	ND(0.000011) X	0.000094	ND(0.00000057)
1,2,3,4,7,8-HxCDF	ND(0.00000026) X	NA	0.00000067 J	0.0000099	ND(0.00000061) X
1,2,3,6,7,8-HxCDF	ND(0.000000071)	NA	ND(0.0000014) X	0.0000064 J	ND(0.00000020) X
1,2,3,7,8,9-HxCDF	ND(0.000000097)	NA	ND(0.00000015)	ND(0.00000043)	ND(0.000000072)
2,3,4,6,7,8-HxCDF	ND(0.000000084)	NA	ND(0.00000023) X	0.0000053 J	ND(0.00000018) X
HxCDFs (total)	ND(0.00000026) X	NA	ND(0.0000092) X	0.00014	ND(0.00000061)
1,2,3,4,6,7,8-HpCDF	ND(0.00000035) X	NA	0.0000030 J	0.00016	ND(0.0000022) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000014)	NA	ND(0.00000022)	0.0000038 J	ND(0.00000014) X
HpCDFs (total)	ND(0.00000035) X	NA	0.0000058 J	0.00030	ND(0.0000022)
OCDF	ND(0.00000026)	NA	0.0000036 J	0.00013	ND(0.0000024)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G15	RAA15-G15	RAA15-G17	RAA15-G20	RAA15-G20
Sample Depth(Feet):	6-10	8-10	0-1	0-1	1-3
Parameter Date Collected:	02/13/03	02/13/03	02/17/03	02/14/03	02/14/03
Dioxins					
2,3,7,8-TCDD	ND(0.00000011) X	NA	ND(0.00000045)	ND(0.00000045)	ND(0.000000077)
TCDDs (total)	ND(0.00000011) X	NA	ND(0.00000045)	0.0000033	ND(0.000000077)
1,2,3,7,8-PeCDD	ND(0.00000026)	NA	ND(0.00000022)	ND(0.00000095) X	ND(0.00000018)
PeCDDs (total)	ND(0.00000047) X	NA	ND(0.00000022)	ND(0.0000028)	ND(0.00000042)
1,2,3,4,7,8-HxCDD	ND(0.00000019)	NA	ND(0.00000022)	ND(0.0000012) X	ND(0.000000092) X
1,2,3,6,7,8-HxCDD	ND(0.00000017)	NA	ND(0.00000021)	0.0000056 J	ND(0.00000011) X
1,2,3,7,8,9-HxCDD	ND(0.00000017)	NA	ND(0.00000022)	ND(0.0000018) X	ND(0.00000013)
HxCDDs (total)	ND(0.00000019) X	NA	0.00000041 J	0.000036	ND(0.00000025)
1,2,3,4,6,7,8-HpCDD	ND(0.00000043)	NA	0.0000033 J	0.00011	ND(0.0000019) X
HpCDDs (total)	ND(0.00000043) X	NA	0.0000057 J	0.00019	ND(0.0000019)
OCDD	ND(0.0000028) X	NA	0.000028	0.0011	0.000021
Total TEQs (WHO TEFs)	0.00000047	NA	0.0000011	0.000016	0.00000047
Inorganics					
Antimony	ND(7.80)	NA	ND(8.50) J	ND(7.10) J	ND(7.10) J
Arsenic	1.80	NA	5.90	6.90	2.90
Barium	23.2 B	NA	70.5	89.9	38.7
Beryllium	0.670	NA	ND(0.690)	ND(0.880)	ND(0.500)
Cadmium	0.350 B	NA	0.800	0.900	0.400 B
Chromium	24.8	NA	45.2	65.9	12.1
Cobalt	6.50	NA	9.7	12.1	7.70
Copper	14.7	NA	40.3	55.2	15.6
Cyanide	0.240 B	NA	ND(0.310)	0.270 B	ND(0.590)
Lead	14.1	NA	66.7	83.1	14.2
Mercury	0.150	NA	0.490	0.830	0.170
Nickel	11.9	NA	18.0	20.9	13.4
Selenium	0.440 B	NA	0.950	0.720	ND(0.590)
Silver	ND(1.30)	NA	ND(1.40)	0.180 B	ND(1.20)
Sulfide	ND(13.0)	NA	ND(14.1)	ND(14.2)	ND(11.8)
Thallium	0.790 B	NA	1.90	2.30	1.30
Tin	ND(6.50)	NA	10.3 B	ND(11.3)	ND(5.80)
Vanadium	8.80	NA	18.8	20.0	11.1
Zinc	49.8	NA	109	122	51.5

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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G20	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15
Sample Depth(Feet):	10-15	12-15	6-8	6-10	0-1
Parameter Date Collected:	02/14/03	02/14/03	02/19/03	02/19/03	02/17/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,1,1-Trichloroethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,1,2,2-Tetrachloroethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,1,2-Trichloroethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,1-Dichloroethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,1-Dichloroethene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,2,3-Trichloropropane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,2-Dibromo-3-chloropropane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,2-Dibromoethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,2-Dichloroethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,2-Dichloropropane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
1,4-Dioxane	NA	ND(1.2) J [ND(3.6) J]	ND(1.2) J	NA	ND(1.0) J
2-Butanone	NA	0.0094 J [0.010 J]	ND(0.0059) J	NA	ND(0.0052) J
2-Chloro-1,3-butadiene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059) J	NA	ND(0.0052) J
2-Chloroethylvinylether	NA	ND(0.012) J [ND(0.036) J]	ND(0.012) J	NA	ND(0.010) J
2-Hexanone	NA	ND(0.023) J [ND(0.071) J]	ND(0.024)	NA	ND(0.021) J
3-Chloropropene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
4-Methyl-2-pentanone	NA	ND(0.023) [ND(0.071)]	ND(0.024)	NA	ND(0.021)
Acetone	NA	0.033 J [0.037 J]	ND(0.024) J	NA	ND(0.021) J
Acetonitrile	NA	ND(0.12) J [ND(0.36) J]	ND(0.12)	NA	ND(0.10) J
Acrolein	NA	ND(0.12) [ND(0.36)]	ND(0.12) J	NA	ND(0.10) J
Acrylonitrile	NA	ND(0.12) [ND(0.36)]	ND(0.12) J	NA	ND(0.10) J
Benzene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Bromodichloromethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Bromoform	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Bromomethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Carbon Disulfide	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Carbon Tetrachloride	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Chlorobenzene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Chloroethane	NA	ND(0.012) [ND(0.036)]	ND(0.012)	NA	ND(0.010)
Chloroform	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Chloromethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
cis-1,3-Dichloropropene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Dibromochloromethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Dibromomethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Dichlorodifluoromethane	NA	ND(0.0058) J [ND(0.018) J]	ND(0.0059)	NA	ND(0.0052)
Ethyl Methacrylate	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Ethylbenzene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Iodomethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Isobutanol	NA	ND(0.23) J [ND(0.71) J]	ND(0.24) J	NA	ND(0.21) J
Methacrylonitrile	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Methyl Methacrylate	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Methylene Chloride	NA	0.0015 J [0.0038 J]	ND(0.0059)	NA	ND(0.0052)
Propionitrile	NA	ND(0.012) [ND(0.036)]	ND(0.012)	NA	ND(0.010)
Styrene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Tetrachloroethene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Toluene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
trans-1,2-Dichloroethene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
trans-1,3-Dichloropropene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
trans-1,4-Dichloro-2-butene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Trichloroethene	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Trichlorofluoromethane	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Vinyl Acetate	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Vinyl Chloride	NA	ND(0.012) [ND(0.036)]	ND(0.012)	NA	ND(0.010)
Xylenes (total)	NA	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
1,2,4-Trichlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
1,2-Dichlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
1,2-Diphenylhydrazine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
1,3,5-Trinitrobenzene	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
1,3-Dichlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)

TABLE C-2
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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G20	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15
Sample Depth(Feet):	10-15	12-15	6-8	6-10	0-1
Parameter Date Collected:	02/14/03	02/14/03	02/19/03	02/19/03	02/17/03
Semivolatile Organics (continued)					
1,3-Dinitrobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
1,4-Dichlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
1,4-Naphthoquinone	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
1-Naphthylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
2,3,4,6-Tetrachlorophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2,4,5-Trichlorophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2,4,6-Trichlorophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2,4-Dichlorophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2,4-Dimethylphenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2,4-Dinitrophenol	ND(20) [ND(21)]	NA	NA	ND(1.9)	ND(2.2)
2,4-Dinitrotoluene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
2,6-Dichlorophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2,6-Dinitrotoluene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
2-Acetylaminofluorene	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
2-Chloronaphthalene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
2-Chlorophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2-Methylnaphthalene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
2-Methylphenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2-Naphthylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
2-Nitroaniline	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
2-Nitrophenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
2-Picoline	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
3&4-Methylphenol	ND(8.1) [ND(8.6)]	NA	NA	ND(0.77)	ND(0.90)
3,3'-Dichlorobenzidine	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
3,3'-Dimethylbenzidine	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
3-Methylcholanthrene	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
3-Nitroaniline	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(20) [ND(21)]	NA	NA	ND(1.9)	ND(2.2)
4-Aminobiphenyl	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
4-Bromophenyl-phenylether	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
4-Chloro-3-Methylphenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
4-Chloroaniline	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
4-Chlorobenzilate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
4-Chlorophenyl-phenylether	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
4-Nitroaniline	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
4-Nitrophenol	ND(20) [ND(21)]	NA	NA	ND(1.9)	ND(2.2)
4-Nitroquinoline-1-oxide	ND(41) [ND(43) J]	NA	NA	ND(3.9)	ND(4.5)
4-Phenylenediamine	ND(81) [ND(86) J]	NA	NA	ND(7.7)	ND(9.0)
5-Nitro-o-toluidine	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
7,12-Dimethylbenz(a)anthracene	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
a,a'-Dimethylphenethylamine	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Acenaphthene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Acenaphthylene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.088 J
Acetophenone	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Aniline	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Anthracene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.060 J
Aramite	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Benzidine	ND(41) [ND(43) J]	NA	NA	ND(3.9)	ND(4.5)
Benzo(a)anthracene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.19 J
Benzo(a)pyrene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.24 J
Benzo(b)fluoranthene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.25 J
Benzo(g,h,i)perylene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.094 J
Benzo(k)fluoranthene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.25 J
Benzyl Alcohol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
bis(2-Chloroethoxy)methane	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
bis(2-Chloroethyl)ether	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
bis(2-Chloroisopropyl)ether	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
bis(2-Ethylhexyl)phthalate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Butylbenzylphthalate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Chrysene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.29 J
Diallate	ND(8.1) [ND(4.3) J]	NA	NA	ND(0.77)	ND(0.90)
Dibenzo(a,h)anthracene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G20	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15
Sample Depth(Feet):	10-15	12-15	6-8	6-10	0-1
Parameter Date Collected:	02/14/03	02/14/03	02/19/03	02/19/03	02/17/03
Semivolatile Organics (continued)					
Dibenzofuran	ND(4.1) [ND(8.6) J]	NA	NA	ND(0.39)	ND(0.45)
Diethylphthalate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Dimethylphthalate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Di-n-Butylphthalate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Di-n-Octylphthalate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Diphenylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Ethyl Methanesulfonate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Fluoranthene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.50
Fluorene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Hexachlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Hexachlorobutadiene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Hexachlorocyclopentadiene	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Hexachloroethane	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Hexachlorophene	ND(83) [ND(87) J]	NA	NA	ND(7.9) J	ND(9.2) J
Hexachloropropene	ND(41) [ND(43) J]	NA	NA	ND(3.9)	ND(4.5)
Indeno(1,2,3-cd)pyrene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.12 J
Isodrin	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Isophorone	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Isosafrole	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
Methapyrilene	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Methyl Methanesulfonate	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Naphthalene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Nitrobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosodiethylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosodimethylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitroso-di-n-butylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitroso-di-n-propylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosodiphenylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosomethylethylamine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosomorpholine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosopiperidine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
N-Nitrosopyrrolidine	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
o,o,o-Triethylphosphorothioate	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
o-Toluidine	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
p-Dimethylaminoazobenzene	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
Pentachlorobenzene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	ND(0.45)
Pentachloroethane	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Pentachloronitrobenzene	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Pentachlorophenol	ND(20) [ND(21)]	NA	NA	ND(1.9)	ND(2.2)
Phenacetin	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
Phenanthrene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.24 J
Phenol	ND(4.1) [ND(4.3)]	NA	NA	ND(0.39)	ND(0.45)
Pronamide	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
Pyrene	ND(4.1) [ND(4.3) J]	NA	NA	ND(0.39)	0.34 J
Pyridine	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
Safrole	ND(8.1) [ND(8.6) J]	NA	NA	ND(0.77)	ND(0.90)
Thionazin	ND(20) [ND(21) J]	NA	NA	ND(1.9)	ND(2.2)
Furans					
2,3,7,8-TCDF	ND(0.00000078) [ND(0.00000055)]	NA	NA	ND(0.00000023)	0.000013
TCDFs (total)	ND(0.00000078) [ND(0.00000055)]	NA	NA	ND(0.00000023)	ND(0.000073) X
1,2,3,7,8-PeCDF	ND(0.00000043) X [ND(0.00000022)]	NA	NA	ND(0.00000014)	0.0000031 J
2,3,4,7,8-PeCDF	ND(0.00000031) X [ND(0.00000021)]	NA	NA	ND(0.00000013)	0.0000032 J
PeCDFs (total)	ND(0.00000043) [ND(0.00000022)]	NA	NA	ND(0.00000013)	ND(0.000055) X
1,2,3,4,7,8-HxCDF	ND(0.00000034) X [ND(0.00000039) X]	NA	NA	ND(0.000000080)	0.0000039 J
1,2,3,6,7,8-HxCDF	ND(0.00000015) [ND(0.00000021) X]	NA	NA	ND(0.000000074)	ND(0.0000054) X
1,2,3,7,8,9-HxCDF	ND(0.00000022) X [ND(0.00000017)]	NA	NA	ND(0.000000095)	ND(0.00000016)
2,3,4,6,7,8-HxCDF	ND(0.00000020) X [ND(0.00000020) X]	NA	NA	ND(0.000000085)	0.0000011 J
HxCDFs (total)	ND(0.00000034) [ND(0.00000039)]	NA	NA	ND(0.000000083)	ND(0.000042) X
1,2,3,4,6,7,8-HpCDF	ND(0.00000065) X [ND(0.00000063) X]	NA	NA	ND(0.00000011)	0.000014
1,2,3,4,7,8,9-HpCDF	ND(0.00000022) [ND(0.00000020)]	NA	NA	ND(0.00000014)	ND(0.00000077) X
HpCDFs (total)	ND(0.00000065) [ND(0.00000063)]	NA	NA	ND(0.00000012)	ND(0.000028) X
OCDF	ND(0.0000015) X [ND(0.0000015)]	NA	NA	ND(0.00000014)	0.000015

TABLE C-2
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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33				
Sample ID:	RAA15-G20	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15
Sample Depth(Feet):	10-15	12-15	6-8	6-10	0-1
Parameter Date Collected:	02/14/03	02/14/03	02/19/03	02/19/03	02/17/03
Dioxins					
2,3,7,8-TCDD	ND(0.00000030) X [ND(0.00000023)]	NA	NA	ND(0.00000033)	ND(0.00000032)
TCDDs (total)	ND(0.00000030) [ND(0.00000023)]	NA	NA	ND(0.00000033)	0.00000053 J
1,2,3,7,8-PeCDD	ND(0.00000057) [ND(0.00000040)]	NA	NA	ND(0.00000015)	ND(0.00000026) X
PeCDDs (total)	ND(0.00000057) [ND(0.00000040)]	NA	NA	ND(0.00000015)	ND(0.0000015) X
1,2,3,4,7,8-HxCDD	ND(0.00000035) [ND(0.00000025)]	NA	NA	ND(0.00000018)	ND(0.00000019) X
1,2,3,6,7,8-HxCDD	ND(0.00000031) [ND(0.00000023)]	NA	NA	ND(0.00000017)	ND(0.00000065) X
1,2,3,7,8,9-HxCDD	ND(0.00000030) [ND(0.00000022)]	NA	NA	ND(0.00000018)	ND(0.00000059) X
HxCDDs (total)	ND(0.00000035) [ND(0.00000031)]	NA	NA	ND(0.00000017)	ND(0.0000052) X
1,2,3,4,6,7,8-HpCDD	ND(0.0000015) X [ND(0.0000010) X]	NA	NA	ND(0.00000014)	0.000016
HpCDDs (total)	ND(0.0000015) [ND(0.0000011) X]	NA	NA	ND(0.00000014)	0.000027
OCDD	0.000017 J [ND(0.000015)]	NA	NA	ND(0.0000012) X	0.00015
Total TEQs (WHO TEFs)	0.00000067 [0.00000049]	NA	NA	0.00000033	0.0000045
Inorganics					
Antimony	ND(18.5) J [ND(19.6) J]	NA	NA	ND(7.00)	ND(8.20) J
Arsenic	8.70 [8.80]	NA	NA	0.940 B	4.10
Barium	62.5 [65.7]	NA	NA	8.20 B	43.2
Beryllium	ND(0.980) [ND(1.00)]	NA	NA	0.200 B	ND(0.460)
Cadmium	1.10 B [1.10 B]	NA	NA	ND(0.590)	0.550 B
Chromium	16.5 [17.0]	NA	NA	5.20	25.1
Cobalt	13.9 B [14.7 B]	NA	NA	4.80 B	7.8
Copper	30.1 [29.1]	NA	NA	4.40	23.6
Cyanide	ND(1.50) [ND(1.60)]	NA	NA	ND(0.590)	ND(0.680)
Lead	8.10 [8.50]	NA	NA	2.10	42.5
Mercury	0.0990 B [0.0870 B]	NA	NA	ND(0.0390)	0.230
Nickel	27.0 [27.6]	NA	NA	10.4	14.5
Selenium	1.50 B [2.30]	NA	NA	ND(0.590)	0.520 B
Silver	ND(3.10) [ND(3.30)]	NA	NA	ND(1.20)	ND(1.40)
Sulfide	31.6 [58.5]	NA	NA	ND(11.7)	ND(13.7)
Thallium	ND(3.10) [ND(3.30)]	NA	NA	ND(1.20) J	1.10 J
Tin	ND(12.4) [ND(14.4)]	NA	NA	ND(4.50)	8.70 B
Vanadium	18.0 [19.4]	NA	NA	5.00 B	13.1
Zinc	87.9 [91.3]	NA	NA	26.3	79.6

TABLE C-2
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CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-H18	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	0-1	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/18/03	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1,2-Trichloroethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1-Dichloroethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1-Dichloroethene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dibromoethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dichloroethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dichloropropane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,4-Dioxane	ND(0.99) J	ND(1.0) J	NA	ND(1.3) J	ND(1.2) J	ND(1.1) J
2-Butanone	ND(0.0049) J	ND(0.0052) J	NA	ND(0.0064) J	ND(0.0060) J	ND(0.0054) J
2-Chloro-1,3-butadiene	ND(0.0049) J	ND(0.0052)	NA	ND(0.0064)	ND(0.0060) J	ND(0.0054) J
2-Chloroethylvinylether	ND(0.0099) J	ND(0.010) J	NA	ND(0.013) J	ND(0.012) J	ND(0.011) J
2-Hexanone	ND(0.020) J	ND(0.021) J	NA	ND(0.025) J	ND(0.024) J	ND(0.022) J
3-Chloropropene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
4-Methyl-2-pentanone	ND(0.020)	ND(0.021)	NA	ND(0.025)	ND(0.024)	ND(0.022)
Acetone	ND(0.020) J	ND(0.021) J	NA	0.0087 J	ND(0.024) J	ND(0.022) J
Acetonitrile	ND(0.099) J	ND(0.10) J	NA	ND(0.13) J	ND(0.12) J	ND(0.11) J
Acrolein	ND(0.099) J	ND(0.10)	NA	ND(0.13)	ND(0.12) J	ND(0.11) J
Acrylonitrile	ND(0.099) J	ND(0.10)	NA	ND(0.13)	ND(0.12) J	ND(0.11) J
Benzene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Bromodichloromethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Bromoform	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Bromomethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Carbon Disulfide	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Carbon Tetrachloride	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Chlorobenzene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Chloroethane	ND(0.0099)	ND(0.010)	NA	ND(0.013)	ND(0.012)	ND(0.011)
Chloroform	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Chloromethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Dibromochloromethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Dibromomethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0049)	ND(0.0052) J	NA	ND(0.0064) J	ND(0.0060)	ND(0.0054)
Ethyl Methacrylate	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Ethylbenzene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Iodomethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Isobutanol	ND(0.20) J	ND(0.21) J	NA	ND(0.25) J	ND(0.24) J	ND(0.22) J
Methacrylonitrile	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Methyl Methacrylate	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Methylene Chloride	ND(0.0049)	0.00088 J	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Propionitrile	ND(0.0099)	ND(0.010)	NA	ND(0.013)	ND(0.012)	ND(0.011)
Styrene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Tetrachloroethene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Toluene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Trichloroethene	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Trichlorofluoromethane	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Vinyl Acetate	ND(0.0049)	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Vinyl Chloride	ND(0.0099)	ND(0.010)	NA	ND(0.013)	ND(0.012)	ND(0.011)
Xylenes (total)	ND(0.0049)	0.0017 J	NA	0.0026 J	ND(0.0060)	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,2-Dichlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,2-Diphenylhydrazine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,3,5-Trinitrobenzene	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
1,3-Dichlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-H18	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	0-1	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/18/03	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,4-Dichlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,4-Naphthoquinone	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
1-Naphthylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,3,4,6-Tetrachlorophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4-Dichlorophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4-Dimethylphenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4-Dinitrophenol	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
2,4-Dinitrotoluene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,6-Dichlorophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,6-Dinitrotoluene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Acetylaminofluorene	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
2-Chloronaphthalene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Chlorophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Methylnaphthalene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Methylphenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Naphthylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Nitroaniline	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
2-Nitrophenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Picoline	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
3&4-Methylphenol	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
3,3'-Dichlorobenzidine	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3,3'-Dimethylbenzidine	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3-Methylcholanthrene	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3-Nitroaniline	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Aminobiphenyl	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Bromophenyl-phenylether	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chloroaniline	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chlorobenzilate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chlorophenyl-phenylether	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Nitroaniline	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Nitrophenol	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Nitroquinoline-1-oxide	ND(7.9)	ND(3.7)	ND(4.6)	NA	ND(4.5)	ND(4.0)
4-Phenylenediamine	ND(16)	ND(7.4)	ND(9.2)	NA	ND(9.0)	ND(8.1)
5-Nitro-o-toluidine	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
7,12-Dimethylbenz(a)anthracene	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
a,a'-Dimethylphenethylamine	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Acenaphthene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Acenaphthylene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	0.030 J
Acetophenone	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Aniline	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Anthracene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Aramite	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Benzidine	ND(7.9)	ND(3.7)	ND(4.6)	NA	ND(4.5)	ND(4.0)
Benzo(a)anthracene	0.12 J	ND(0.37)	0.064 J	NA	0.064 J	0.095 J
Benzo(a)pyrene	0.16 J	ND(0.37)	0.054 J	NA	0.077 J	0.12 J
Benzo(b)fluoranthene	0.17 J	ND(0.37)	0.054 J	NA	0.070 J	0.11 J
Benzo(g,h,i)perylene	ND(0.79)	ND(0.37)	ND(0.46)	NA	0.066 J	ND(0.40)
Benzo(k)fluoranthene	0.20 J	ND(0.37)	ND(0.46)	NA	ND(0.45)	0.13 J
Benzyl Alcohol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Chloroethoxy)methane	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Butylbenzylphthalate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Chrysene	0.19 J	ND(0.37)	0.089 J	NA	0.097 J	0.13 J
Diallate	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Dibenzo(a,h)anthracene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-H18	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	0-1	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/18/03	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Diethylphthalate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Dimethylphthalate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Di-n-Butylphthalate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Di-n-Octylphthalate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Diphenylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Ethyl Methanesulfonate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Fluoranthene	0.36 J	ND(0.37)	0.10 J	NA	0.15 J	0.24 J
Fluorene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorobutadiene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorocyclopentadiene	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Hexachloroethane	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorophene	ND(16) J	ND(7.5)	ND(9.3)	NA	ND(9.2) J	ND(8.2) J
Hexachloropropene	ND(7.9)	ND(3.7)	ND(4.6)	NA	ND(4.5)	ND(4.0)
Indeno(1,2,3-cd)pyrene	ND(0.79)	ND(0.37)	ND(0.46)	NA	0.066 J	ND(0.40)
Isodrin	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Isophorone	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Isosafrole	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Methapyrilene	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Methyl Methanesulfonate	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Naphthalene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Nitrobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosodiethylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosodimethylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosomorpholine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosopiperidine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
o-Toluidine	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
p-Dimethylaminoazobenzene	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Pentachlorobenzene	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Pentachloroethane	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Pentachloronitrobenzene	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Pentachlorophenol	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Phenacetin	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Phenanthrene	0.15 J	ND(0.37)	0.060 J	NA	0.083 J	0.10 J
Phenol	ND(0.79)	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Pronamide	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Pyrene	0.19 J	ND(0.37)	0.12 J	NA	0.15 J	0.15 J
Pyridine	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Safrole	ND(1.6)	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Thionazin	ND(3.8)	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Furans						
2,3,7,8-TCDF	0.000016	ND(0.00000053) Y	0.0000034 Y	NA	0.000021 J	0.0000014
TCDFs (total)	ND(0.000091) X	0.00000063	0.0000085	NA	ND(0.00015) X	ND(0.0000051) X
1,2,3,7,8-PeCDF	0.0000032 J	ND(0.00000020) X	ND(0.0000020) X	NA	ND(0.0000043) X	ND(0.00000029) X
2,3,4,7,8-PeCDF	0.0000036 J	ND(0.00000019) X	ND(0.00000085) X	NA	0.0000068 J	ND(0.00000034) X
PeCDFs (total)	ND(0.000089) X	ND(0.00000025)	ND(0.0000020)	NA	ND(0.00016) X	ND(0.0000064) X
1,2,3,4,7,8-HxCDF	0.0000038 J	ND(0.00000044) X	ND(0.0000015) X	NA	0.0000080	0.00000058 J
1,2,3,6,7,8-HxCDF	ND(0.0000092) X	ND(0.00000016) X	ND(0.0000020) X	NA	ND(0.000015) X	ND(0.00000088) X
1,2,3,7,8,9-HxCDF	ND(0.00000016)	ND(0.00000011)	ND(0.00000022) X	NA	ND(0.00000027)	ND(0.00000012)
2,3,4,6,7,8-HxCDF	0.0000021 J	ND(0.00000018) X	ND(0.00000074) X	NA	ND(0.00000025)	ND(0.00000017) X
HxCDFs (total)	ND(0.000082) X	ND(0.00000044)	0.000015	NA	ND(0.000097) X	ND(0.0000060) X
1,2,3,4,6,7,8-HpCDF	0.000027	ND(0.00000088) X	0.000022	NA	0.000037	0.0000018 J
1,2,3,4,7,8,9-HpCDF	0.0000011 J	ND(0.00000011) X	ND(0.0000014) X	NA	0.0000017 J	ND(0.00000018)
HpCDFs (total)	0.000051	ND(0.00000088)	0.000051	NA	ND(0.000069) X	ND(0.0000029) X
OCDF	0.000016	ND(0.0000013) X	0.000038	NA	0.000028	0.0000012 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-33					
Sample ID:	RAA15-H18	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	0-1	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/18/03	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000031)	ND(0.00000011) X	ND(0.000000099)	NA	ND(0.00000053)	ND(0.00000040)
TCDDs (total)	ND(0.0000014) X	ND(0.00000011)	ND(0.00000015)	NA	ND(0.0000016) X	ND(0.00000040)
1,2,3,7,8-PeCDD	ND(0.00000020)	ND(0.00000024)	ND(0.00000026)	NA	ND(0.00000046) X	ND(0.00000017)
PeCDDs (total)	ND(0.0000011) X	ND(0.00000024)	ND(0.0000011)	NA	ND(0.0000037) X	ND(0.00000017)
1,2,3,4,7,8-HxCDD	ND(0.00000032) X	ND(0.00000015)	ND(0.00000051) X	NA	ND(0.00000031)	ND(0.00000019)
1,2,3,6,7,8-HxCDD	ND(0.00000078) X	ND(0.00000023) X	0.0000042 J	NA	ND(0.0000012) X	ND(0.00000018)
1,2,3,7,8,9-HxCDD	ND(0.00000055) X	ND(0.00000017) X	ND(0.0000011)	NA	ND(0.00000076) X	ND(0.00000018)
HxCDDs (total)	ND(0.0000064) X	ND(0.00000027)	0.000023	NA	ND(0.000010) X	ND(0.00000018)
1,2,3,4,6,7,8-HpCDD	0.000014	ND(0.0000022) X	0.000069	NA	0.000025 J	0.0000010 J
HpCDDs (total)	0.000025	ND(0.0000022)	0.00013	NA	0.000042	ND(0.0000016) X
OCDD	0.00012	ND(0.000028)	0.00074	NA	0.00020 J	0.0000076 J
Total TEQs (WHO TEFs)	0.0000054	0.00000034	0.0000025	NA	0.0000085	0.00000069
Inorganics						
Antimony	ND(7.20) J	ND(6.80) J	ND(8.30) J	NA	ND(8.20) J	ND(8.20) J
Arsenic	4.80	5.70	1.80	NA	6.70	3.80
Barium	34.1	40.6	23.6 B	NA	77.4	41.8
Beryllium	ND(0.460)	ND(0.400)	ND(0.280)	NA	0.900	ND(0.500)
Cadmium	0.670	0.760	0.330 B	NA	0.860	0.500 B
Chromium	10.5	12.4	17.5	NA	38.4	23.6
Cobalt	8	11.5	5.30 B	NA	11.6	7.4
Copper	15.9	21.2	13.6	NA	34.5	25.7
Cyanide	ND(0.400)	ND(0.560)	ND(0.690)	NA	ND(0.240)	ND(0.610)
Lead	23.7	10.9	13.6	NA	58.7	33
Mercury	0.110	0.0420	0.110	NA	0.540	0.240
Nickel	16.7	22.2	9.60	NA	20.5	13.7
Selenium	ND(0.600)	ND(0.560)	ND(0.700)	NA	0.610 B	0.360 B
Silver	ND(1.20)	ND(1.10)	ND(1.40)	NA	ND(1.40)	ND(1.20)
Sulfide	ND(12.0)	20.2	94.3	NA	ND(13.7)	ND(12.3)
Thallium	1.80	1.70	1.10 B	NA	2.40	1.60
Tin	9.00 B	ND(5.20)	ND(7.30)	NA	9.40 B	8.00 B
Vanadium	11.9	11.3	7.60	NA	21.8	13.4
Zinc	67.9	75.4	54.7	NA	110	69.2

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-5					K10-10-6
Sample ID:	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9	RAA15-J9	RAA15-L13
Sample Depth(Feet):	0-1	1-3	1-3	3-5	4-5	3-5
Parameter Date Collected:	02/12/03	02/12/03	02/20/03	02/20/03	02/20/03	02/11/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,1-Dichloroethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,1-Dichloroethene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,2,3-Trichloropropane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,2-Dibromoethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,2-Dichloroethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,2-Dichloropropane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
1,4-Dioxane	ND(1.3) J	ND(1.1) J	ND(1.0) J	NA	ND(0.93) J	ND(1.0) J
2-Butanone	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
2-Chloro-1,3-butadiene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
2-Chloroethylvinylether	ND(0.013) J	ND(0.011) J	ND(0.010) J	NA	ND(0.0093) J	ND(0.010) J
2-Hexanone	ND(0.026)	ND(0.022)	ND(0.020)	NA	ND(0.019)	ND(0.020)
3-Chloropropene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.026)	ND(0.022)	ND(0.020)	NA	ND(0.019)	ND(0.020)
Acetone	ND(0.026) J	ND(0.022) J	ND(0.020)	NA	ND(0.019)	ND(0.020) J
Acetonitrile	ND(0.13) J	ND(0.11) J	ND(0.10) J	NA	ND(0.093) J	ND(0.10) J
Acrolein	ND(0.13) J	ND(0.11) J	ND(0.10) J	NA	ND(0.093) J	ND(0.10) J
Acrylonitrile	ND(0.13)	ND(0.11)	ND(0.10)	NA	ND(0.093)	ND(0.10)
Benzene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Bromodichloromethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Bromoform	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Bromomethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Carbon Disulfide	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Carbon Tetrachloride	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Chlorobenzene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Chloroethane	ND(0.013)	ND(0.011)	ND(0.010)	NA	ND(0.0093)	ND(0.010)
Chloroform	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Chloromethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Dibromochloromethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Dibromomethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Ethyl Methacrylate	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Ethylbenzene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	0.00050 J
Iodomethane	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Isobutanol	ND(0.26) J	ND(0.22) J	ND(0.20)	NA	ND(0.19)	ND(0.20) J
Methacrylonitrile	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Methyl Methacrylate	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Methylene Chloride	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	0.0011 J
Propionitrile	ND(0.013) J	ND(0.011) J	ND(0.010) J	NA	ND(0.0093) J	ND(0.010) J
Styrene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Tetrachloroethene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Toluene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Trichloroethene	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Trichlorofluoromethane	ND(0.0064) J	ND(0.0055) J	ND(0.0051)	NA	ND(0.0047)	ND(0.0050) J
Vinyl Acetate	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	ND(0.0050)
Vinyl Chloride	ND(0.013)	ND(0.011)	ND(0.010)	NA	ND(0.0093)	ND(0.010)
Xylenes (total)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA	ND(0.0047)	0.0034 J
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
1,2-Dichlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
1,2-Diphenylhydrazine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
1,3,5-Trinitrobenzene	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
1,3-Dichlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-5					K10-10-6
Sample ID:	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9	RAA15-J9	RAA15-L13
Sample Depth(Feet):	0-1	1-3	1-3	3-5	4-5	3-5
Parameter Date Collected:	02/12/03	02/12/03	02/20/03	02/20/03	02/20/03	02/11/03
Semivolatile Organics (continued)						
1,3-Dinitrobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
1,4-Dichlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
1,4-Naphthoquinone	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
1-Naphthylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,3,4,6-Tetrachlorophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,4,5-Trichlorophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,4,6-Trichlorophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,4-Dichlorophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,4-Dimethylphenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,4-Dinitrophenol	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
2,4-Dinitrotoluene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,6-Dichlorophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2,6-Dinitrotoluene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Acetylaminofluorene	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
2-Chloronaphthalene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Chlorophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Methylnaphthalene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Methylphenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Naphthylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
2-Nitrophenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
2-Picoline	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
3&4-Methylphenol	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	0.098 J
3,3'-Dichlorobenzidine	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
3,3'-Dimethylbenzidine	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
3-Methylcholanthrene	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
3-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
4-Aminobiphenyl	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
4-Bromophenyl-phenylether	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
4-Chloroaniline	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
4-Chlorobenzilate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
4-Chlorophenyl-phenylether	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
4-Nitroaniline	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
4-Nitrophenol	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
4-Nitroquinoline-1-oxide	ND(4.1)	ND(3.8)	ND(3.7)	ND(3.9)	NA	ND(3.8)
4-Phenylenediamine	ND(8.2)	ND(7.6)	ND(7.3)	ND(7.8)	NA	ND(7.6)
5-Nitro-o-toluidine	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
a,a'-Dimethylphenethylamine	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Acenaphthene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Acenaphthylene	0.057 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.042 J
Acetophenone	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Aniline	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Anthracene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.051 J
Aramite	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Benzidine	ND(4.1)	ND(3.8)	ND(3.7)	ND(3.9)	NA	ND(3.8)
Benzo(a)anthracene	0.16 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.19 J
Benzo(a)pyrene	0.19 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.22 J
Benzo(b)fluoranthene	0.17 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.18 J
Benzo(g,h,i)perylene	0.10 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.16 J
Benzo(k)fluoranthene	0.18 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.21 J
Benzyl Alcohol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
bis(2-Chloroethoxy)methane	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Butylbenzylphthalate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Chrysene	0.23 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.23 J
Diallate	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-5					K10-10-6
Sample ID:	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9	RAA15-J9	RAA15-L13
Sample Depth(Feet):	0-1	1-3	1-3	3-5	4-5	3-5
Parameter Date Collected:	02/12/03	02/12/03	02/20/03	02/20/03	02/20/03	02/11/03
Semivolatile Organics (continued)						
Dibenzofuran	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Diethylphthalate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Dimethylphthalate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Di-n-Butylphthalate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.13 J
Di-n-Octylphthalate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Diphenylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Ethyl Methanesulfonate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Fluoranthene	0.34 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.36 J
Fluorene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Hexachlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Hexachlorobutadiene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Hexachlorocyclopentadiene	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Hexachloroethane	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Hexachlorophene	ND(8.3)	ND(7.7)	ND(7.4) J	ND(7.9) J	NA	ND(7.8)
Hexachloropropene	ND(4.1)	ND(3.8)	ND(3.7)	ND(3.9)	NA	ND(3.8)
Indeno(1,2,3-cd)pyrene	0.12 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.17 J
Isodrin	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Isophorone	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Isosafrole	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Methapyrilene	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Methyl Methanesulfonate	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Naphthalene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.028 J
Nitrobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosodiethylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosodimethylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosodiphenylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosomethylethylamine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosomorpholine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosopiperidine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
N-Nitrosopyrrolidine	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
o-Toluidine	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
p-Dimethylaminoazobenzene	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Pentachlorobenzene	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Pentachloroethane	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Pentachloronitrobenzene	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Phenacetin	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Phenanthrene	0.18 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.19 J
Phenol	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)	NA	ND(0.38)
Pronamide	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Pyrene	0.30 J	ND(0.38)	ND(0.37)	ND(0.39)	NA	0.33 J
Pyridine	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Safrole	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)	NA	ND(0.76)
Thionazin	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	NA	ND(1.9)
Furans						
2,3,7,8-TCDF	0.000032 Y	0.0000011 QYJ	ND(0.00000027)	ND(0.00000025)	NA	0.0000053 Y
TCDFs (total)	0.00020	0.0000033	ND(0.00000027)	ND(0.00000026) X	NA	0.000030
1,2,3,7,8-PeCDF	0.0000094	ND(0.0000011) J	ND(0.00000015)	ND(0.00000012)	NA	0.0000033 J
2,3,4,7,8-PeCDF	0.0000095	ND(0.0000011)	ND(0.00000015)	ND(0.00000012)	NA	0.0000029 J
PeCDFs (total)	0.00016	ND(0.0000011) J	ND(0.00000015)	ND(0.00000012)	NA	0.000014
1,2,3,4,7,8-HxCDF	0.0000090	ND(0.0000011)	ND(0.000000088)	ND(0.000000078)	NA	0.0000038 J
1,2,3,6,7,8-HxCDF	0.0000064	ND(0.0000010)	ND(0.000000081)	ND(0.000000072)	NA	0.0000030 J
1,2,3,7,8,9-HxCDF	ND(0.0000014)	ND(0.0000013)	ND(0.00000010)	ND(0.000000092)	NA	ND(0.00000065)
2,3,4,6,7,8-HxCDF	0.0000045 J	ND(0.0000012)	ND(0.000000093)	ND(0.000000083)	NA	ND(0.0000014) X
HxCDFs (total)	0.00011	ND(0.0000013)	ND(0.000000091)	ND(0.000000080)	NA	0.000015
1,2,3,4,6,7,8-HpCDF	0.000049	ND(0.0000010) X	ND(0.00000036) X	ND(0.00000012)	NA	0.0000076
1,2,3,4,7,8,9-HpCDF	ND(0.0000024) X	ND(0.0000010)	ND(0.00000017)	ND(0.00000015)	NA	ND(0.0000017) X
HpCDFs (total)	0.000095	ND(0.0000010)	ND(0.00000064) X	ND(0.00000013)	NA	0.0000076
OCDF	0.000053	ND(0.0000021)	ND(0.00000035) X	ND(0.00000027)	NA	ND(0.0000050)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-5					K10-10-6
Sample ID:	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9	RAA15-J9	RAA15-L13
Sample Depth(Feet):	0-1	1-3	1-3	3-5	4-5	3-5
Parameter / Date Collected:	02/12/03	02/12/03	02/20/03	02/20/03	02/20/03	02/11/03
Dioxins						
2,3,7,8-TCDD	ND(0.00000037)	ND(0.00000082)	ND(0.00000038)	ND(0.00000034)	NA	ND(0.00000045)
TCDDs (total)	0.0000026	ND(0.00000082)	ND(0.00000038)	ND(0.00000034)	NA	ND(0.00000045)
1,2,3,7,8-PeCDD	ND(0.00000078)	ND(0.0000014) J	ND(0.00000016)	ND(0.00000014)	NA	ND(0.00000061)
PeCDDs (total)	ND(0.0000025)	ND(0.0000014) J	ND(0.00000016)	ND(0.00000066) X	NA	ND(0.00000061)
1,2,3,4,7,8-HxCDD	ND(0.00000065) X	ND(0.0000014)	ND(0.00000017)	ND(0.00000016)	NA	ND(0.00000054)
1,2,3,6,7,8-HxCDD	ND(0.0000023) X	ND(0.0000013)	ND(0.00000016)	ND(0.00000015)	NA	ND(0.00000049)
1,2,3,7,8,9-HxCDD	ND(0.0000011) X	ND(0.0000012)	ND(0.00000017)	ND(0.00000016)	NA	ND(0.00000046)
HxCDDs (total)	0.000011	ND(0.0000014)	ND(0.00000017)	ND(0.00000031) X	NA	ND(0.0000010)
1,2,3,4,6,7,8-HpCDD	0.000043	ND(0.0000013)	0.00000036 J	ND(0.00000017)	NA	0.0000049 J
HpCDDs (total)	0.000076	ND(0.0000013)	0.00000036 J	ND(0.00000017)	NA	0.0000098
OCDD	0.00044	0.000014	0.0000033 J	0.0000017 J	NA	0.000050
Total TEQs (WHO TEFs)	0.000012	0.0000020	0.00000037	0.00000033	NA	0.0000037
Inorganics						
Antimony	ND(7.40) J	ND(6.90) J	ND(6.60)	ND(7.10)	NA	ND(6.90) J
Arsenic	4.40	2.20	2.80	4.40	NA	3.90
Barium	57.8	21.5 B	29.3	32.9	NA	47.5
Beryllium	0.740	0.360 B	0.190 B	0.180 B	NA	0.490 B
Cadmium	0.650	0.250 B	0.190 B	0.340 B	NA	0.570 B
Chromium	27.2	7.20	9.30	10.8	NA	11.6
Cobalt	9.30	3.30 B	6.40	10.0	NA	8.30
Copper	26.6	5.10	7.50	19.6	NA	21.4
Cyanide	0.280 B	0.230 B	ND(0.550)	ND(0.590)	NA	0.230 B
Lead	52.0	5.90	4.80	8.30	NA	262
Mercury	0.230	ND(0.0690)	0.0370 B	ND(0.0390)	NA	0.170
Nickel	16.7	6.80	11.2	18.4	NA	15.7
Selenium	ND(0.620)	0.350 B	ND(0.550)	ND(0.590)	NA	ND(0.580)
Silver	ND(1.20)	ND(1.20)	ND(1.10)	ND(1.20)	NA	ND(1.20)
Sulfide	ND(12.4)	ND(11.5)	ND(11.1)	ND(11.8)	NA	ND(11.6)
Thallium	1.10 B	0.680 B	ND(1.10)	ND(1.20)	NA	0.950 B
Tin	ND(8.10)	ND(4.80)	ND(4.60)	ND(4.70)	NA	34.7
Vanadium	15.3	9.60	10.1	13.2	NA	11.5
Zinc	92.2	26.7	44.9	61.7	NA	88.6

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-6		
Sample ID:	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	0-1	0-1	1-3
Parameter / Date Collected:	02/12/03	02/12/03	02/10/03
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1,2-Trichloroethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1-Dichloroethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1-Dichloroethene	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dibromoethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dichloroethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dichloropropane	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,4-Dioxane	ND(1.3) J	ND(1.2) J	ND(1.1) J
2-Butanone	ND(0.0064)	ND(0.0059)	ND(0.0053)
2-Chloro-1,3-butadiene	ND(0.0064)	ND(0.0059)	ND(0.0053)
2-Chloroethylvinylether	ND(0.013) J	ND(0.012) J	ND(0.011) J
2-Hexanone	ND(0.026)	ND(0.024)	ND(0.021)
3-Chloropropene	ND(0.0064)	ND(0.0059)	ND(0.0053)
4-Methyl-2-pentanone	ND(0.026)	ND(0.024)	ND(0.021)
Acetone	0.0097 J	ND(0.024) J	ND(0.021) J
Acetonitrile	ND(0.13) J	ND(0.12) J	ND(0.11) J
Acrolein	ND(0.13) J	ND(0.12) J	ND(0.11) J
Acrylonitrile	ND(0.13)	ND(0.12)	ND(0.11)
Benzene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Bromodichloromethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
Bromoform	ND(0.0064)	ND(0.0059)	ND(0.0053)
Bromomethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
Carbon Disulfide	ND(0.0064)	ND(0.0059)	ND(0.0053)
Carbon Tetrachloride	ND(0.0064)	ND(0.0059)	ND(0.0053)
Chlorobenzene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Chloroethane	ND(0.013)	ND(0.012)	ND(0.011)
Chloroform	ND(0.0064)	ND(0.0059)	ND(0.0053)
Chloromethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Dibromochloromethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
Dibromomethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
Dichlorodifluoromethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
Ethyl Methacrylate	ND(0.0064)	ND(0.0059)	ND(0.0053)
Ethylbenzene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Iodomethane	ND(0.0064)	ND(0.0059)	ND(0.0053)
Isobutanol	ND(0.26) J	ND(0.24) J	ND(0.21) J
Methacrylonitrile	ND(0.0064)	ND(0.0059)	ND(0.0053)
Methyl Methacrylate	ND(0.0064)	ND(0.0059)	ND(0.0053)
Methylene Chloride	ND(0.0064)	ND(0.0059)	0.00096 J
Propionitrile	ND(0.013) J	ND(0.012) J	ND(0.011) J
Styrene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Tetrachloroethene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Toluene	ND(0.0064)	ND(0.0059)	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0064)	ND(0.0059)	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0064)	ND(0.0059)	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Trichloroethene	ND(0.0064)	ND(0.0059)	ND(0.0053)
Trichlorofluoromethane	ND(0.0064) J	ND(0.0059) J	ND(0.0053) J
Vinyl Acetate	ND(0.0064)	ND(0.0059)	ND(0.0053)
Vinyl Chloride	ND(0.013)	ND(0.012)	ND(0.011)
Xylenes (total)	ND(0.0064)	0.0014 J	ND(0.0053)
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)
1,2-Dichlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)
1,2-Diphenylhydrazine	ND(0.42)	ND(0.83)	ND(0.40)
1,3,5-Trinitrobenzene	ND(2.0)	ND(4.0)	ND(1.9)
1,3-Dichlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-6		
Sample ID:	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	0-1	0-1	1-3
Parameter / Date Collected:	02/12/03	02/12/03	02/10/03
Semivolatile Organics (continued)			
1,3-Dinitrobenzene	ND(0.42)	ND(0.83)	ND(0.40)
1,4-Dichlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)
1,4-Naphthoquinone	ND(2.0)	ND(4.0)	ND(1.9)
1-Naphthylamine	ND(0.42)	ND(0.83)	ND(0.40)
2,3,4,6-Tetrachlorophenol	ND(0.42)	ND(0.83)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.83)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.42)	ND(0.83)	ND(0.40)
2,4-Dichlorophenol	ND(0.42)	ND(0.83)	ND(0.40)
2,4-Dimethylphenol	ND(0.42)	ND(0.83)	ND(0.40)
2,4-Dinitrophenol	ND(2.0)	ND(4.0)	ND(1.9)
2,4-Dinitrotoluene	ND(0.42)	ND(0.83)	ND(0.40)
2,6-Dichlorophenol	ND(0.42)	ND(0.83)	ND(0.40)
2,6-Dinitrotoluene	ND(0.42)	ND(0.83)	ND(0.40)
2-Acetylaminofluorene	ND(0.83)	ND(1.7)	ND(0.80)
2-Chloronaphthalene	ND(0.42)	ND(0.83)	ND(0.40)
2-Chlorophenol	ND(0.42)	ND(0.83)	ND(0.40)
2-Methylnaphthalene	ND(0.42)	ND(0.83)	ND(0.40)
2-Methylphenol	ND(0.42)	ND(0.83)	ND(0.40)
2-Naphthylamine	ND(0.42)	ND(0.83)	ND(0.40)
2-Nitroaniline	ND(2.0)	ND(4.0)	ND(1.9)
2-Nitrophenol	ND(0.42)	ND(0.83)	ND(0.40)
2-Picoline	ND(0.83)	ND(1.7)	ND(0.80)
3&4-Methylphenol	ND(0.83)	ND(1.7)	ND(0.80)
3,3'-Dichlorobenzidine	ND(2.0)	ND(4.0)	ND(1.9)
3,3'-Dimethylbenzidine	ND(2.0)	ND(4.0)	ND(1.9)
3-Methylcholanthrene	ND(2.0)	ND(4.0)	ND(1.9)
3-Nitroaniline	ND(2.0)	ND(4.0)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(4.0)	ND(1.9)
4-Aminobiphenyl	ND(2.0)	ND(4.0)	ND(1.9)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.83)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.42)	ND(0.83)	ND(0.40)
4-Chloroaniline	ND(0.42)	ND(0.83)	ND(0.40)
4-Chlorobenzilate	ND(0.42)	ND(0.83)	ND(0.40)
4-Chlorophenyl-phenylether	ND(0.42)	ND(0.83)	ND(0.40)
4-Nitroaniline	ND(2.0)	ND(4.0)	ND(1.9)
4-Nitrophenol	ND(2.0)	ND(4.0)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(4.2)	ND(8.3)	ND(4.0)
4-Phenylenediamine	ND(8.3)	ND(17)	ND(8.0)
5-Nitro-o-toluidine	ND(0.83)	ND(1.7)	ND(0.80)
7,12-Dimethylbenz(a)anthracene	ND(0.83)	ND(1.7)	ND(0.80)
a,a'-Dimethylphenethylamine	ND(2.0)	ND(4.0)	ND(1.9)
Acenaphthene	ND(0.42)	ND(0.83)	ND(0.40)
Acenaphthylene	0.20 J	0.10 J	0.037 J
Acetophenone	ND(0.42)	ND(0.83)	ND(0.40)
Aniline	ND(0.42)	ND(0.83)	ND(0.40)
Anthracene	0.12 J	ND(0.83)	ND(0.40)
Aramite	ND(2.0)	ND(4.0)	ND(1.9)
Benzidine	ND(4.2)	ND(8.3)	ND(4.0)
Benzo(a)anthracene	0.52	0.21 J	0.11 J
Benzo(a)pyrene	0.63	0.22 J	0.13 J
Benzo(b)fluoranthene	0.64	0.19 J	0.11 J
Benzo(g,h,i)perylene	0.24 J	ND(0.83)	0.11 J
Benzo(k)fluoranthene	0.57	0.23 J	0.14 J
Benzyl Alcohol	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Chloroethoxy)methane	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.83)	ND(0.40)
Butylbenzylphthalate	ND(0.42)	ND(0.83)	ND(0.40)
Chrysene	0.76	0.27 J	0.17 J
Diallate	ND(0.83)	ND(1.7)	ND(0.80)
Dibenzo(a,h)anthracene	0.10 J	ND(0.83)	ND(0.40)

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-6		
Sample ID:	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	0-1	0-1	1-3
Parameter / Date Collected:	02/12/03	02/12/03	02/10/03
Semivolatile Organics (continued)			
Dibenzofuran	ND(0.42)	ND(0.83)	ND(0.40)
Diethylphthalate	ND(0.42)	ND(0.83)	ND(0.40)
Dimethylphthalate	ND(0.42)	ND(0.83)	ND(0.40)
Di-n-Butylphthalate	ND(0.42)	ND(0.83)	ND(0.40)
Di-n-Octylphthalate	ND(0.42)	ND(0.83)	ND(0.40)
Diphenylamine	ND(0.42)	ND(0.83)	ND(0.40)
Ethyl Methanesulfonate	ND(0.42)	ND(0.83)	ND(0.40)
Fluoranthene	1.3	0.37 J	0.23 J
Fluorene	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorobutadiene	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorocyclopentadiene	ND(2.0)	ND(4.0)	ND(1.9)
Hexachloroethane	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorophene	ND(8.4)	ND(17)	ND(8.1)
Hexachloropropene	ND(4.2)	ND(8.3)	ND(4.0)
Indeno(1,2,3-cd)pyrene	0.29 J	ND(0.83)	0.11 J
Isodrin	ND(0.42)	ND(0.83)	ND(0.40)
Isophorone	ND(0.42)	ND(0.83)	ND(0.40)
Isosafrole	ND(0.83)	ND(1.7)	ND(0.80)
Methapyrilene	ND(2.0)	ND(4.0)	ND(1.9)
Methyl Methanesulfonate	ND(0.42)	ND(0.83)	ND(0.40)
Naphthalene	0.028 J	ND(0.83)	ND(0.40)
Nitrobenzene	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosodiethylamine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosodimethylamine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosomorpholine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosopiperidine	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.42)	ND(0.83)	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(2.0)	ND(4.0)	ND(1.9)
o-Toluidine	ND(0.83)	ND(1.7)	ND(0.80)
p-Dimethylaminoazobenzene	ND(0.83)	ND(1.7)	ND(0.80)
Pentachlorobenzene	ND(0.42)	ND(0.83)	ND(0.40)
Pentachloroethane	ND(2.0)	ND(4.0)	ND(1.9)
Pentachloronitrobenzene	ND(2.0)	ND(4.0)	ND(1.9)
Pentachlorophenol	ND(2.0)	ND(4.0)	ND(1.9)
Phenacetin	ND(0.83)	ND(1.7)	ND(0.80)
Phenanthrene	0.58	0.18 J	0.13 J
Phenol	ND(0.42)	ND(0.83)	ND(0.40)
Pronamide	ND(0.83)	ND(1.7)	ND(0.80)
Pyrene	0.97	0.36 J	0.24 J
Pyridine	ND(0.83)	ND(1.7)	ND(0.80)
Safrole	ND(0.83)	ND(1.7)	ND(0.80)
Thionazin	ND(2.0)	ND(4.0)	ND(1.9)
Furans			
2,3,7,8-TCDF	0.0000089 Y	0.0000043 Y	0.0000059 Y
TCDFs (total)	0.000056	0.000029	0.000045
1,2,3,7,8-PeCDF	ND(0.0000028) X	ND(0.00000086)	ND(0.0000022) X
2,3,4,7,8-PeCDF	0.0000040 J	ND(0.0000018)	0.0000033 J
PeCDFs (total)	0.000048	0.0000064	0.000026
1,2,3,4,7,8-HxCDF	0.0000036 J	ND(0.0000020) X	0.0000031 J
1,2,3,6,7,8-HxCDF	ND(0.0000026) X	ND(0.00000066) X	ND(0.0000018) X
1,2,3,7,8,9-HxCDF	ND(0.0000011)	ND(0.00000074)	ND(0.00000081)
2,3,4,6,7,8-HxCDF	0.0000032 J	ND(0.00000087) X	0.0000033 J
HxCDFs (total)	0.000058	ND(0.0000036)	0.000025
1,2,3,4,6,7,8-HpCDF	0.000080	ND(0.0000028) X	0.000015
1,2,3,4,7,8,9-HpCDF	ND(0.0000021) X	ND(0.00000058) X	ND(0.0000011)
HpCDFs (total)	0.00014	ND(0.0000028)	0.000022
OCDF	0.000046	ND(0.0000017)	0.000011 J

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

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-10-6		
Sample ID:	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	0-1	0-1	1-3
Parameter / Date Collected:	02/12/03	02/12/03	02/10/03
Dioxins			
2,3,7,8-TCDD	ND(0.00000053)	ND(0.00000053)	ND(0.00000042)
TCDDs (total)	0.0000014	ND(0.00000053)	ND(0.00000042)
1,2,3,7,8-PeCDD	ND(0.00000084)	ND(0.00000079)	ND(0.00000067)
PeCDDs (total)	ND(0.0000017)	ND(0.00000079)	ND(0.00000067)
1,2,3,4,7,8-HxCDD	ND(0.00000071)	ND(0.00000081)	ND(0.00000056)
1,2,3,6,7,8-HxCDD	ND(0.0000024) X	ND(0.00000072)	ND(0.00000053)
1,2,3,7,8,9-HxCDD	ND(0.0000012) X	ND(0.00000068)	ND(0.00000047)
HxCDDs (total)	0.000016	ND(0.00000081)	ND(0.0000016)
1,2,3,4,6,7,8-HpCDD	0.000021	ND(0.0000018)	0.000010
HpCDDs (total)	0.000038	ND(0.0000018)	0.000020
OCDD	0.00011	0.000010 J	0.00014
Total TEQs (WHO TEFs)	0.0000058	0.0000019	0.0000040
Inorganics			
Antimony	ND(7.60) J	ND(7.60) J	ND(7.30) J
Arsenic	6.30	4.80	6.80
Barium	59.0	57.0	61.3
Beryllium	0.600 B	0.780	0.650
Cadmium	0.740	0.550 B	0.530 B
Chromium	11.8	12.9	13.2
Cobalt	9.50	8.80	8.50
Copper	23.5	32.3	17.2
Cyanide	0.300 B	0.250 B	0.260 B
Lead	45.3	45.1	43.9
Mercury	0.150	ND(0.0940)	ND(0.110)
Nickel	19.1	14.7	15.6
Selenium	ND(0.630)	0.490 B	0.480 B
Silver	ND(1.30)	ND(1.30)	ND(1.20)
Sulfide	ND(12.6)	ND(12.6)	ND(12.1)
Thallium	1.00 B	1.20 B	1.50
Tin	ND(6.70)	ND(6.40)	ND(6.90)
Vanadium	14.9	17.0	18.0
Zinc	95.4	79.9	81.1

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

TABLE C-3
EPA SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel K10-11-2							
RAA15-E15	OJ-BH000928-0-0060	6-10	2/26/2003	ND(0.019)	0.10	0.13	0.23
Undeveloped Longview Terrace							
RAA15-E1	OJ-BH000937-0-0060	6-10	3/10/2003	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
Parcel K10-10-3							
R34(B)B022	R34(B)B022.5(0-6)	0-0.5	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)B022.5(6-12)	0.5-1	8/12/1998	NA	ND(0.50) [ND(0.10)]	ND(0.50) [0.28]	ND(0.50) [0.28]
R34(B)C022	R34(B)C022.5(0-6)	0-0.5	8/12/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R34(B)C022.5(6-12)	0.5-1	8/12/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
R34(B)D022	R34(B)D022.5(0-2)	0-2	9/3/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R34(B)D022.5(0-6)	0-0.5	8/12/1998	NA	0.30 J	ND(0.50)	0.30 J
	R34(B)D022.5(6-12)	0.5-1	8/12/1998	NA	ND(0.50)	0.40 J	0.40 J
	R34(B)D022.5(2-4)	2-4	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)D022.5(4-6)	4-6	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)D022.5(6-8)	6-8	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R34(B)E022	R34(B)E022.5(0-6)	0-0.5	8/12/1998	NA	ND(0.60) [ND(0.11)]	ND(0.60) [0.19]	ND(0.60) [0.19]
	R34(B)E022.5(6-12)	0.5-1	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R34(B)E045	R34(B)E045(0-2)	0-2	9/3/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R34(B)E045(0-6)	0-0.5	8/12/1998	NA	ND(0.70) [ND(0.60)]	ND(0.70) [ND(0.60)]	ND(0.70) [ND(0.60)]
	R34(B)E045(6-12)	0.5-1	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)E045(2-4)	2-4	9/3/1998	NA	ND(0.60) [ND(0.60)]	ND(0.60) [ND(0.60)]	ND(0.60) [ND(0.60)]
	R34(B)E045(4-6)	4-6	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)E045(6-8)	6-8	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R34(B)F045	R34(B)F045(0-6)	0-0.5	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)F045(6-12)	0.5-1	8/12/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
Adjacent to Parcel K10-10-3							
R34(B)A000	R34(B)A000(0-6)	0-0.5	8/12/1998	NA	ND(0.60) [ND(0.10)]	0.30 J [0.40]	0.30 J [0.40]
	R34(B)A000(6-12)	0.5-1	8/12/1998	NA	ND(0.40)	0.30 J	0.30 J
R34(B)A022	R34(B)A022.5(0-2)	0-2	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)A022.5(0-6)	0-0.5	8/12/1998	NA	ND(0.60)	0.20 J	0.20 J
	R34(B)A022.5(6-12)	0.5-1	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)A022.5(2-4)	2-4	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)A022.5(4-6)	4-6	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)A022.5(6-8)	6-8	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R34(B)A045	R34(B)A045(0-6)	0-0.5	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)A045(6-12)	0.5-1	8/12/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R34(B)B000	R34(B)B000(0-6)	0-0.5	8/12/1998	NA	ND(0.50)	0.30 J	0.30 J
	R34(B)B000(6-12)	0.5-1	8/12/1998	NA	ND(0.40)	0.30 J	0.30 J
R34(B)C000	R34(B)C000(0-2)	0-2	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)C000(0-6)	0-0.5	8/12/1998	NA	ND(0.60)	ND(0.60)	ND(0.60)
	R34(B)C000(6-12)	0.5-1	8/12/1998	NA	ND(0.40)	0.30 J	0.30 J
	R34(B)C000(2-4)	2-4	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
	R34(B)C000(4-6)	4-6	9/3/1998	NA	ND(0.50) [ND(0.10)]	ND(0.50) [ND(0.10)]	ND(0.50) [ND(0.10)]
	R34(B)C000(6-8)	6-8	9/3/1998	NA	ND(0.50)	ND(0.50)	ND(0.50)
R34(B)D000	R34(B)D000(0-6)	0-0.5	8/12/1998	NA	ND(0.40)	ND(0.40)	ND(0.40)
	R34(B)D000(6-12)	0.5-1	8/12/1998	NA	ND(0.40)	0.30 J	0.30 J

Notes:
1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. NA - Not Analyzed - EPA did not report results for this analyte.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:
J - Estimated Value.

TABLE C-4
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	K10-11-2 / RAA15-E15 / OJ-BH000928-0-0060 / 6-10 / 02/26/03	Undeveloped Longview Terrace / RAA15-E1 / OJ-BH000937-0-0060 / 6-10 / 03/10/03
Volatile Organics			
1,1,1,2-Tetrachloroethane		NA	ND(0.0044)
1,1,1-Trichloroethane		NA	ND(0.0044)
1,1,2,2-Tetrachloroethane		NA	ND(0.0044)
1,1,2-Trichloroethane		NA	ND(0.0044)
1,1-Dichloroethane		NA	ND(0.0044)
1,1-Dichloroethene		NA	ND(0.0044)
1,2,3-Trichloropropane		NA	ND(0.0044)
1,2,4-Trichlorobenzene		NA	ND(0.0044)
1,2-Dibromo-3-chloropropane		NA	ND(0.0044)
1,2-Dibromoethane		NA	ND(0.0044)
1,2-Dichlorobenzene		NA	ND(0.0044)
1,2-Dichloroethane		NA	ND(0.0044)
1,2-Dichloropropane		NA	ND(0.0044)
1,3-Dichlorobenzene		NA	ND(0.0044)
1,4-Dichlorobenzene		NA	ND(0.0044)
1,4-Dioxane		NA	R
2-Butanone		NA	R
2-Chloro-1,3-butadiene		NA	ND(0.0044)
2-Chloroethylvinylether		NA	ND(0.0044) J
2-Hexanone		NA	ND(0.0044)
3-Chloropropene		NA	ND(0.0044)
4-Methyl-2-pentanone		NA	ND(0.0044)
Acetone		NA	0.0070
Acrolein		NA	R
Acrylonitrile		NA	ND(0.0044)
Benzene		NA	ND(0.0044)
Bromodichloromethane		NA	ND(0.0044)
Bromoform		NA	ND(0.0044)
Bromomethane		NA	ND(0.0044)
Carbon Disulfide		NA	ND(0.0044)
Carbon Tetrachloride		NA	ND(0.0044)
Chlorobenzene		NA	ND(0.0044)
Chloroethane		NA	ND(0.0044)
Chloroform		NA	ND(0.0044)
Chloromethane		NA	ND(0.0044)
cis-1,2-Dichloroethene		NA	ND(0.0044)
cis-1,3-Dichloropropene		NA	ND(0.0044)
Dibromochloromethane		NA	ND(0.0044)
Dibromomethane		NA	ND(0.0044)
Ethyl Methacrylate		NA	ND(0.0044)
Ethylbenzene		NA	ND(0.0044)
Freon 12		NA	ND(0.0044)
Iodomethane		NA	ND(0.0044)
Isobutanol		NA	R
m&p-Xylene		NA	ND(0.0044)
Methacrylonitrile		NA	ND(0.0044)
Methyl Methacrylate		NA	ND(0.0044)
Methyl tert-butyl ether		NA	ND(0.0044)
Methylene Chloride		NA	ND(0.0044)
Naphthalene		NA	ND(0.0044)
o-Xylene		NA	ND(0.0044)
Propionitrile		NA	R
Styrene		NA	ND(0.0044)
Tetrachloroethene		NA	ND(0.0044)
Toluene		NA	ND(0.0044)
trans-1,2-Dichloroethene		NA	ND(0.0044)
trans-1,3-Dichloropropene		NA	ND(0.0044)
trans-1,4-Dichloro-2-butene		NA	ND(0.0044)
Trichloroethene		NA	ND(0.0044)
Trichlorofluoromethane		NA	ND(0.0044)
Vinyl Acetate		NA	ND(0.0044)
Vinyl Chloride		NA	ND(0.0044)
Xylenes (total)		NA	ND(0.0044)

TABLE C-4
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	K10-11-2 / RAA15-E15 / OJ-BH000928-0-0060 / 6-10 / 02/26/03	Undeveloped Longview Terrace / RAA15-E1 / OJ-BH000937-0-0060 / 6-10 / 03/10/03
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene		ND(1.5) J	ND(0.38) J
1,2,4-Trichlorobenzene		ND(1.5)	ND(0.38)
1,2-Dichlorobenzene		ND(1.5)	ND(0.38)
1,3,5-Trinitrobenzene		ND(1.5)	ND(0.38)
1,3-Dichlorobenzene		ND(1.5)	ND(0.38)
1,3-Dinitrobenzene		ND(1.5)	ND(0.38)
1,4-Dichlorobenzene		ND(1.5)	ND(0.38)
1,4-Naphthoquinone		ND(1.5)	ND(0.38)
1-Naphthylamine		ND(1.5) J	ND(0.38)
2,3,4,6-Tetrachlorophenol		ND(1.5)	ND(0.38)
2,4,5-Trichlorophenol		ND(3.8)	ND(0.95)
2,4,6-Trichlorophenol		ND(1.5)	ND(0.38)
2,4-Dichlorophenol		ND(1.5)	ND(0.38)
2,4-Dimethylphenol		ND(1.5)	ND(0.38)
2,4-Dinitrophenol		ND(3.8)	ND(0.95) J
2,4-Dinitrotoluene		ND(1.5)	ND(0.38)
2,6-Dichlorophenol		ND(1.5)	ND(0.38)
2,6-Dinitrotoluene		ND(1.5)	ND(0.38)
2-Acetylaminofluorene		ND(1.5)	ND(0.38)
2-Chloronaphthalene		ND(1.5)	ND(0.38)
2-Chlorophenol		ND(1.5)	ND(0.38)
2-Methylnaphthalene		1.1 J	ND(0.38)
2-Methylphenol		ND(1.5)	ND(0.38)
2-Naphthylamine		ND(1.5) J	ND(0.38)
2-Nitroaniline		ND(3.8)	ND(0.95)
2-Nitrophenol		ND(1.5)	ND(0.38)
2-Picoline		ND(1.5)	ND(0.38)
3&4-Methylphenol		ND(1.5)	ND(0.38)
3,3'-Dichlorobenzidine		ND(1.5) J	ND(0.38)
3,3'-Dimethylbenzidine		ND(1.5) J	ND(0.38)
3-Methylcholanthrene		ND(1.5) J	ND(0.38)
3-Nitroaniline		ND(3.8)	ND(0.95)
4,6-Dinitro-2-methylphenol		ND(3.8)	ND(0.95)
4-Aminobiphenyl		ND(1.5) J	ND(0.38)
4-Bromophenyl-phenylether		ND(1.5)	ND(0.38)
4-Chloro-3-Methylphenol		ND(1.5)	ND(0.38) J
4-Chloroaniline		ND(1.5) J	ND(0.38) J
4-Chlorobenzilate		ND(1.5)	ND(0.38)
4-Chlorophenyl-phenylether		ND(1.5)	ND(0.38)
4-Nitroaniline		ND(3.8)	ND(0.95)
4-Nitrophenol		ND(3.8)	ND(0.95) J
4-Nitroquinoline-1-oxide		ND(1.5)	ND(0.38) J
4-Phenylenediamine		ND(1.5)	ND(0.38)
5-Nitro-o-toluidine		ND(1.5)	ND(0.38)
7,12-Dimethylbenz(a)anthracene		ND(1.5) J	ND(0.38)
a,a'-Dimethylphenethylamine		ND(1.5)	ND(0.38)
Acenaphthene		0.86 J	ND(0.38)
Acenaphthylene		0.27 J	ND(0.38)
Acetophenone		ND(1.5)	ND(0.38)
Aniline		ND(3.8)	ND(0.95)
Anthracene		2.2	ND(0.38)
Aramite		ND(1.5)	ND(0.38)
Azobenzene		ND(1.5)	ND(0.38)
Benzo(a)anthracene		3.7	ND(0.38)
Benzo(a)pyrene		2.4 J	ND(0.38)
Benzo(b)fluoranthene		2.3 J	ND(0.38)
Benzo(g,h,i)perylene		1.4 J	ND(0.38)
Benzo(k)fluoranthene		4.0 J	ND(0.38) J
Benzyl Alcohol		ND(1.5)	ND(0.38)
bis(2-Chloroethoxy)methane		ND(1.5)	ND(0.38)
bis(2-Chloroethyl)ether		ND(1.5)	ND(0.38)
bis(2-Chloroisopropyl)ether		ND(1.5)	ND(0.38)
bis(2-Ethylhexyl)phthalate		ND(1.5) J	ND(0.38)
Butylbenzylphthalate		ND(1.5)	ND(0.38)
Chrysene		3.6 J	ND(0.38)
Diallate		ND(1.5)	ND(0.38)

TABLE C-4
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	K10-11-2 / RAA15-E15 / OJ-BH000928-0-0060 / 6-10 / 02/26/03	Undeveloped Longview Terrace / RAA15-E1 / OJ-BH000937-0-0060 / 6-10 / 03/10/03
Semivolatile Organics (continued)			
Dibenzo(a,h)anthracene		0.74 J	ND(0.38)
Dibenzofuran		0.53 J	ND(0.38)
Diethylphthalate		ND(1.5)	ND(0.38)
Dimethylphthalate		ND(1.5)	ND(0.38)
Di-n-Butylphthalate		ND(1.5)	ND(0.38)
Di-n-Octylphthalate		ND(1.5) J	ND(0.38)
Ethyl Methanesulfonate		ND(1.5)	ND(0.38)
Fluoranthene		5.8	ND(0.38)
Fluorene		1.4 J	ND(0.38)
Hexachlorobenzene		ND(1.5)	ND(0.38)
Hexachlorobutadiene		ND(1.5)	ND(0.38)
Hexachlorocyclopentadiene		ND(1.5) J	ND(0.38)
Hexachloroethane		ND(1.5)	ND(0.38)
Hexachloropropene		ND(1.5)	ND(0.38)
Indeno(1,2,3-cd)pyrene		1.4 J	ND(0.38)
Isophorone		ND(1.5)	ND(0.38)
Isosafrole		ND(1.5) J	ND(0.38) J
Methapyrilene		ND(1.5)	ND(0.38)
Methyl Methanesulfonate		ND(1.5)	ND(0.38)
Naphthalene		0.38 J	ND(0.38)
Nitrobenzene		ND(1.5)	ND(0.38)
N-Nitrosodiethylamine		ND(1.5)	ND(0.38)
N-Nitrosodimethylamine		ND(1.5)	ND(0.38)
N-Nitroso-di-n-butylamine		ND(1.5)	ND(0.38)
N-Nitroso-di-n-propylamine		ND(1.5)	ND(0.38)
N-Nitrosodiphenylamine		ND(1.5)	ND(0.38)
N-Nitrosomethylethylamine		ND(1.5) J	ND(0.38)
N-Nitrosomorpholine		ND(1.5)	ND(0.38)
N-Nitrosopiperidine		ND(1.5)	ND(0.38)
N-Nitrosopyrrolidine		ND(1.5)	ND(0.38)
o-Toluidine		ND(1.5)	ND(0.38)
p-Dimethylaminoazobenzene		ND(1.5)	ND(0.38)
Pentachlorobenzene		ND(1.5)	ND(0.38)
Pentachloroethane		ND(1.5)	ND(0.38)
Pentachloronitrobenzene		ND(1.5)	ND(0.38)
Pentachlorophenol		ND(3.8)	ND(0.95)
Phenacetin		ND(1.5)	ND(0.38)
Phenanthrene		7.7 J	ND(0.38)
Phenol		ND(1.5)	ND(0.38)
Pronamide		ND(1.5)	ND(0.38)
Pyrene		8.2	ND(0.38)
Pyridine		ND(1.5) J	ND(0.38) J
Safrole		ND(1.5)	ND(0.38)
Herbicides			
Dinoseb		ND(1.5)	ND(0.38)
Inorganics			
Antimony		0.400	ND(0.300)
Arsenic		0.810 J	4.40
Barium		6.20	21.6
Beryllium		0.110	ND(0.200)
Cadmium		ND(0.0400)	ND(0.0430)
Chromium		4.40	7.20
Cobalt		3.10	7.50
Copper		3.10	12.3
Cyanide		NA	ND(0.560)
Lead		5.50 J	4.30
Mercury		ND(0.0180)	ND(0.0190)
Nickel		5.10	13.0 J
Selenium		ND(0.280) J	0.970
Silver		ND(0.160) J	ND(0.170)
Thallium		ND(0.290) J	ND(0.310) J
Tin		ND(0.470)	ND(0.390)
Vanadium		4.10	7.50
Zinc		21.9	49.5 J

TABLE C-4
EPA SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Organics (volatiles, semivolatiles, herbicides)
J - Estimated Value.
R - Rejected.

Inorganics
J - Estimated Value.

TABLE C-5
HISTORICAL SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID	Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221 -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel K10-13-1							
FP-3	FP-3	4-8	10/5/1989	NA	0.33	0.050	0.38
Parcel K10-12-1							
FP-1	FP-1	4-8	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
		8-12	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
		12-16	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
FP-2	FP-2	4-8	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
SA-1	SA-1	4-8	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
		8-12	10/5/1989	NA	ND(0.050)	0.050	0.050
SA-2	SA-2	4-8	10/5/1989	NA	0.080	0.050	0.13
		8-12	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
Parcel K10-11-1							
YB-5	YB-5	4-8	10/6/1989	NA	ND(0.050)	0.080	0.080
Parcel K10-11-2							
YB-1	YB-1	4-8	10/6/1989	NA	0.25	0.18	0.43
YB-2	YB-2	4-8	10/6/1989	NA	0.63	0.17	0.80
YB-3	YB-3	4-8	10/6/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
YB-4	YB-4	4-8	10/6/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
Undeveloped Longview Terrace							
FP-4	FP-4	4-8	10/5/1989	NA	ND(0.050)	ND(0.050)	ND(0.050)
Parcel K10-10-33							
K-2	ROO2B0002	0-2	1/31/1991	NA	ND(0.050)	0.070	0.070
	ROO2B0204	2-4	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO2B0406	4-6	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO2B0608	6-8	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO2B0810	8-10	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
SBS-15	K10-10-33-SBS-15	0-0.5	4/28/1998	ND(0.050)	0.22	0.47	0.69
SBS-16	K10-10-33-SBS-16	0-0.5	4/28/1998	ND(0.048)	ND(0.048)	0.22	0.22
SBS-17	K10-10-33-SBS-17	0-0.5	4/28/1998	ND(0.057)	0.41	0.79	1.2
SBS-18	K10-10-33-SBS-18	0-0.5	4/28/1998	ND(0.051)	0.26	0.62	0.88
Parcel K10-10-5							
K-1	ROO1B0002	0-2	1/31/1991	NA	ND(0.050)	0.15	0.15
	ROO1B0204	2-4	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO1B0406	4-6	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO1B0608	6-8	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO1B0810	8-10	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO1B1012	10-12	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO1B1214	12-14	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)
	ROO1B1416	14-16	1/31/1991	NA	ND(0.050)	ND(0.050)	ND(0.050)

Notes:
1. Samples were collected and analyzed by General Electric Company subcontractors for PCBs.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1			K10-12-1		
Location ID:	FP-3	J-2S	OX-J-SS1	FP-1	FP-2	J-4S
Sample ID:	FP-3	ROJ2S	OX-J-SS1	FP-1	FP-2	ROJ4S
Sample Depth(Feet):	4-8	0-0.3	0-0.3	8-12	4-8	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	10/05/89	10/05/89	12/10/91
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	ND(0.012)	NA	NA	NA	ND(0.015)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.012)	NA	ND(0.0050)	ND(0.0050)	ND(0.015)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	0.0030 J	NA	NA	NA	0.0030 J
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
1,1-Dichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
1,1-Dichloroethene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
1,2,3-Trichloropropane	NA	ND(0.018)	NA	NA	NA	ND(0.022)
1,2-Dibromo-3-chloropropane	NA	ND(0.012)	NA	NA	NA	ND(0.015)
1,2-Dibromoethane	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
1,2-Dichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
1,2-Dichloroethene (total)	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
1,2-Dichloropropane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
2-Butanone	NA	ND(0.012)	NA	NA	NA	ND(0.015)
2-Chloroethylvinylether	ND(0.010)	ND(0.012)	NA	ND(0.010)	ND(0.010)	ND(0.015)
2-Hexanone	NA	ND(0.018)	NA	NA	NA	ND(0.022)
3-Chloropropene	NA	ND(0.018)	NA	NA	NA	ND(0.022)
4-Methyl-2-pentanone	NA	ND(0.018)	NA	NA	NA	ND(0.022)
Acetone	NA	0.039	NA	NA	NA	0.059
Acrolein	ND(0.010)	ND(0.11)	NA	ND(0.010)	ND(0.010)	ND(0.13)
Acrylonitrile	ND(0.010)	ND(0.14)	NA	ND(0.010)	ND(0.010)	ND(0.18)
Benzene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Bromodichloromethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Bromoform	ND(0.0050)	ND(0.012)	NA	ND(0.0050)	ND(0.0050)	ND(0.015)
Bromomethane	ND(0.010)	ND(0.0060)	NA	ND(0.010)	ND(0.010)	ND(0.0070)
Carbon Disulfide	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
Carbon Tetrachloride	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Chlorobenzene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Chloroethane	ND(0.010)	ND(0.012)	NA	ND(0.010)	ND(0.010)	ND(0.015)
Chloroform	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Chloromethane	ND(0.010)	ND(0.012)	NA	ND(0.010)	ND(0.010)	ND(0.015)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
cis-1,4-Dichloro-2-butene	NA	ND(0.018)	NA	NA	NA	ND(0.022)
Crotonaldehyde	NA	ND(0.12)	NA	NA	NA	ND(0.15)
Dibromochloromethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Dibromomethane	NA	ND(0.012)	NA	NA	NA	ND(0.015)
Ethyl Methacrylate	NA	ND(0.012)	NA	NA	NA	ND(0.015)
Ethylbenzene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Iodomethane	NA	ND(0.012)	NA	NA	NA	ND(0.015)
Methylene Chloride	0.0050 J	0.074 B	NA	0.0060	0.0060	0.087
Styrene	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
Tetrachloroethene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
Toluene	0.0030 J	ND(0.0060)	NA	0.0040 J	0.0030 J	ND(0.0070)
trans-1,2-Dichloroethene	ND(0.0050)	NA	NA	ND(0.0050)	ND(0.0050)	NA
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0060)	NA	ND(0.0050)	ND(0.0050)	ND(0.0070)
trans-1,4-Dichloro-2-butene	NA	ND(0.018)	NA	NA	NA	ND(0.022)
Trichloroethene	ND(0.0050)	ND(0.0060)	NA	0.0010 J	ND(0.0050)	ND(0.0070)
Trichlorofluoromethane	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
Vinyl Acetate	NA	ND(0.012)	NA	NA	NA	ND(0.015)
Vinyl Chloride	ND(0.010)	ND(0.012)	NA	ND(0.010)	ND(0.010)	ND(0.015)
Xylenes (total)	NA	ND(0.0060)	NA	NA	NA	ND(0.0070)
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NR	NA	NA	NA	ND(1.2)
1,2,3,5-Tetrachlorobenzene	NA	NR	NA	NA	NA	ND(1.2)
1,2,3-Trichlorobenzene	NA	NR	NA	NA	NA	ND(1.2)
1,2,4,5-Tetrachlorobenzene	NA	NR	NA	NA	NA	ND(1.2)
1,2,4-Trichlorobenzene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
1,2-Dichlorobenzene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
1,2-Diphenylhydrazine	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
1,3,5-Trichlorobenzene	NA	NR	NA	NA	NA	ND(1.2)
1,3,5-Trinitrobenzene	NA	ND(0.77)	NA	NA	NA	ND(1.2)
1,3-Dichlorobenzene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
1,4-Dichlorobenzene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
1,4-Dinitrobenzene	NA	NR	NA	NA	NA	ND(2.4)
1,4-Naphthoquinone	NA	NR	NA	NA	NA	ND(2.4)
1-Chloronaphthalene	NA	NR	NA	NA	NA	ND(1.2)

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1			K10-12-1		
Location ID:	FP-3	J-2S	OX-J-SS1	FP-1	FP-2	J-4S
Sample ID:	FP-3	ROJ2S	OX-J-SS1	FP-1	FP-2	ROJ4S
Sample Depth(Feet):	4-8	0-0.3	0-0.3	8-12	4-8	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	10/05/89	10/05/89	12/10/91
Semivolatile Organics (continued)						
1-Methylnaphthalene	NA	NR	NA	NA	NA	ND(1.2)
1-Naphthylamine	NA	ND(0.77)	NA	NA	NA	ND(2.4)
2,3,4,6-Tetrachlorophenol	NA	ND(0.77)	NA	NA	NA	ND(2.4)
2,4,5-Trichlorophenol	NA	NR	NA	NA	NA	ND(2.4)
2,4,6-Trichlorophenol	NA	NR	NA	NA	NA	ND(2.4)
2,4-Dichlorophenol	NA	NR	NA	NA	NA	ND(1.2)
2,4-Dimethylphenol	NA	NR	NA	NA	NA	ND(1.2)
2,4-Dinitrophenol	NA	ND(1.5)	NA	NA	NA	ND(1.2)
2,4-Dinitrotoluene	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
2,6-Dichlorophenol	NA	NR	NA	NA	NA	ND(2.4)
2,6-Dinitrotoluene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(2.4)
2-Acetylaminofluorene	NA	ND(0.38)	NA	NA	NA	ND(1.2)
2-Chloronaphthalene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
2-Chlorophenol	NA	NR	NA	NA	NA	ND(1.2)
2-Methylnaphthalene	NA	NR	NA	NA	NA	ND(1.2)
2-Methylphenol	NA	NR	NA	NA	NA	ND(1.2)
2-Naphthylamine	NA	ND(0.77)	NA	NA	NA	ND(1.2)
2-Nitroaniline	NA	NR	NA	NA	NA	ND(1.2)
2-Nitrophenol	NA	NR	NA	NA	NA	ND(1.2)
2-Phenylenediamine	NA	NR	NA	NA	NA	ND(1.2)
2-Picoline	NA	NR	NA	NA	NA	ND(2.4)
3&4-Methylphenol	NA	NR	NA	NA	NA	ND(1.2)
3,3'-Dichlorobenzidine	ND(4.0)	ND(0.38)	NA	ND(4.0)	ND(3.8)	ND(1.2)
3,3'-Dimethoxybenzidine	NA	ND(0.38)	NA	NA	NA	ND(1.2)
3,3'-Dimethylbenzidine	NA	ND(0.77)	NA	NA	NA	ND(2.4)
3-Methylcholanthrene	NA	ND(0.38)	NA	NA	NA	ND(1.2)
3-Nitroaniline	NA	ND(0.77)	NA	NA	NA	ND(1.2)
3-Phenylenediamine	NA	NR	NA	NA	NA	ND(1.2)
4,4'-Methylene-bis(2-chloroaniline)	NA	ND(0.38)	NA	NA	NA	ND(1.2)
4,6-Dinitro-2-methylphenol	NA	ND(1.1)	NA	NA	NA	ND(1.2)
4-Aminobiphenyl	NA	ND(0.38)	NA	NA	NA	ND(1.2)
4-Bromophenyl-phenylether	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
4-Chloro-3-Methylphenol	NA	NR	NA	NA	NA	ND(1.2)
4-Chloroaniline	NA	NR	NA	NA	NA	ND(1.2)
4-Chlorobenzilate	NA	ND(0.38)	NA	NA	NA	ND(1.2)
4-Chlorophenyl-phenylether	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
4-Nitroaniline	NA	ND(0.77)	NA	NA	NA	ND(2.4)
4-Nitrophenol	NA	ND(0.38)	NA	NA	NA	ND(1.2)
4-Phenylenediamine	NA	NR	NA	NA	NA	ND(1.2)
5-Nitro-o-toluidine	NA	ND(0.77)	NA	NA	NA	ND(2.4)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.38)	NA	NA	NA	ND(1.2)
a,a'-Dimethylphenethylamine	NA	NR	NA	NA	NA	ND(1.2)
Acenaphthene	1.3 J	0.052 J	NA	ND(2.0)	ND(1.9)	ND(1.2)
Acenaphthylene	0.43 J	NR	NA	ND(2.0)	ND(1.9)	0.25 J
Acetophenone	NA	NR	NA	NA	NA	ND(1.2)
Aniline	NA	NR	NA	NA	NA	ND(1.2)
Anthracene	3.6	0.14 J	NA	ND(2.0)	ND(1.9)	0.18 J
Benzal chloride	NA	NR	NA	NA	NA	ND(1.2)
Benzidine	ND(10)	ND(0.38)	NA	ND(9.9)	ND(9.5)	ND(1.2)
Benzo(a)anthracene	8.1	0.57	NA	ND(2.0)	0.26 J	1.5
Benzo(a)pyrene	5.6	0.45	NA	ND(2.0)	0.20 J	1.5
Benzo(b)fluoranthene	5.0	0.58 Z	NA	ND(2.0)	ND(1.9)	3.2 Z
Benzo(g,h,i)perylene	3.5	0.28 J	NA	ND(2.0)	ND(1.9)	ND(1.2)
Benzo(k)fluoranthene	4.2	0.58 Z	NA	ND(2.0)	ND(1.9)	3.2 Z
Benzoic Acid	NA	NR	NA	NA	NA	ND(12)
Benzotrichloride	NA	NR	NA	NA	NA	ND(2.4)
Benzyl Alcohol	NA	NR	NA	NA	NA	ND(1.2)
Benzyl Chloride	NA	NR	NA	NA	NA	ND(1.2)
bis(2-Chloroethoxy)methane	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
bis(2-Chloroethyl)ether	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(2.4)
bis(2-Chloroisopropyl)ether	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	0.42 J
Butylbenzylphthalate	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
Chrysene	5.8	0.70	NA	ND(2.0)	0.23 J	2.2
Cyclophosphamide	NA	ND(1.9)	NA	NA	NA	ND(5.9)
Diallate	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Dibenz(a,j)acridine	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Dibenzo(a,h)anthracene	0.73 J	0.097 J	NA	ND(2.0)	ND(1.9)	ND(1.2)

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1			K10-12-1		
Location ID:	FP-3	J-2S	OX-J-SS1	FP-1	FP-2	J-4S
Sample ID:	FP-3	ROJ2S	OX-J-SS1	FP-1	FP-2	ROJ4S
Sample Depth(Feet):	4-8	0-0.3	0-0.3	8-12	4-8	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	10/05/89	10/05/89	12/10/91
Semivolatile Organics (continued)						
Dibenzofuran	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Diethylphthalate	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
Dimethylphthalate	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
Di-n-Butylphthalate	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	0.15 J
Di-n-Octylphthalate	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
Diphenylamine	NA	ND(0.38)	NA	NA	NA	ND(2.4)
Ethyl Methacrylate	NA	NR	NA	NA	NA	ND(1.2)
Ethyl Methanesulfonate	NA	NR	NA	NA	NA	ND(1.2)
Fluoranthene	15	1.0	NA	0.35 J	0.55 J	2.8
Fluorene	1.5 J	0.058 J	NA	ND(2.0)	ND(1.9)	0.14 J
Hexachlorobenzene	ND(2.0)	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
Hexachlorobutadiene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
Hexachlorocyclopentadiene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
Hexachloroethane	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
Hexachloropropene	NA	NR	NA	NA	NA	ND(1.2)
Indeno(1,2,3-cd)pyrene	3.0	0.32 J	NA	ND(2.0)	ND(1.9)	ND(1.2)
Isophorone	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
Isosafrole	NA	NR	NA	NA	NA	ND(2.4)
Methapyrilene	NA	ND(0.77)	NA	NA	NA	ND(2.4)
Methyl Methanesulfonate	NA	NR	NA	NA	NA	ND(1.2)
Naphthalene	1.2 J	NR	NA	ND(2.0)	ND(1.9)	0.15 J
Nitrobenzene	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
N-Nitrosodiethylamine	NA	NR	NA	NA	NA	ND(1.2)
N-Nitrosodimethylamine	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
N-Nitroso-di-n-butylamine	NA	NR	NA	NA	NA	ND(1.2)
N-Nitroso-di-n-propylamine	ND(2.0)	NR	NA	ND(2.0)	ND(1.9)	ND(1.2)
N-Nitrosodiphenylamine	0.25 J	ND(0.38)	NA	ND(2.0)	ND(1.9)	ND(1.2)
N-Nitrosomethylethylamine	NA	NR	NA	NA	NA	ND(1.2)
N-Nitrosomorpholine	NA	NR	NA	NA	NA	ND(1.2)
N-Nitrosopiperidine	NA	NR	NA	NA	NA	ND(1.2)
N-Nitrosopyrrolidine	NA	NR	NA	NA	NA	ND(1.2)
o-Toluidine	NA	NR	NA	NA	NA	ND(1.2)
Paraldehyde	NA	NR	NA	NA	NA	ND(1.2)
p-Dimethylaminoazobenzene	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Pentachlorobenzene	NA	ND(0.77)	NA	NA	NA	ND(2.4)
Pentachloroethane	NA	NR	NA	NA	NA	ND(1.2)
Pentachloronitrobenzene	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Pentachlorophenol	NA	ND(0.77)	NA	NA	NA	ND(2.4)
Phenacetin	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Phenanthrene	17	0.77	NA	0.48 J	0.48 J	1.7
Phenol	NA	NR	NA	NA	NA	ND(1.2)
Pronamide	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Pyrene	13	0.81	NA	0.27 J	0.42 J	2.4
Pyridine	NA	NR	NA	NA	NA	ND(1.2)
Safrole	NA	NR	NA	NA	NA	ND(1.2)
Thionazin	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Organophosphate Pesticides						
Dimethoate	NA	ND(0.38)	NA	NA	NA	ND(1.2)
Furans						
2,3,7,8-TCDF	NA	NA	0.0000068	NA	NA	NA
TCDFs (total)	NA	NA	0.000059 I	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	0.0000023 J	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	0.0000098	NA	NA	NA
PeCDFs (total)	NA	NA	0.00013 I	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.0000046	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.0000066	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.0000011 J	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.0000094	NA	NA	NA
HxCDFs (total)	NA	NA	0.00013 I	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000026 I	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000021 J	NA	NA	NA
HpCDFs (total)	NA	NA	0.000061 I	NA	NA	NA
OCDF	NA	NA	0.000033	NA	NA	NA

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	K10-13-1			K10-12-1		
Location ID:	FP-3	J-2S	OX-J-SS1	FP-1	FP-2	J-4S
Sample ID:	FP-3	ROJ2S	OX-J-SS1	FP-1	FP-2	ROJ4S
Sample Depth(Feet):	4-8	0-0.3	0-0.3	8-12	4-8	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	10/05/89	10/05/89	12/10/91
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.00000046)	NA	NA	NA
TCDDs (total)	NA	NA	0.00000082	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000083) Q	NA	NA	NA
PeCDDs (total)	NA	NA	ND(0.0000012) Q	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.0000011 J	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.0000029	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000019 J	NA	NA	NA
HxCDDs (total)	NA	NA	0.000024	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000050	NA	NA	NA
HpCDDs (total)	NA	NA	0.00010	NA	NA	NA
OCDD	NA	NA	0.00039	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	0.0000099	NA	NA	NA
Inorganics						
Aluminum	NA	5670 *	NA	NA	NA	10100 *
Antimony	NA	10.5 BN	NA	NA	NA	11.1 BN
Arsenic	NA	21.9 A	NA	NA	NA	9.50
Barium	NA	41.5 B	NA	NA	NA	66.8
Beryllium	NA	ND(0.240)	NA	NA	NA	0.300 B
Cadmium	NA	ND(1.20)	NA	NA	NA	ND(1.50)
Calcium	NA	9570 E	NA	NA	NA	18100 E
Chromium	NA	41.0	NA	NA	NA	17.8
Cobalt	NA	9.40 B	NA	NA	NA	14.8 B
Copper	NA	95.6 N	NA	NA	NA	58.8 N
Cyanide	NA	120	ND(0.600)	NA	NA	ND(0.750)
Iron	NA	68700 *	NA	NA	NA	44200 *
Lead	NA	121 *	NA	NA	NA	195 *
Magnesium	NA	7150	NA	NA	NA	11500
Manganese	NA	854 N*	NA	NA	NA	987 N*
Mercury	NA	0.600	NA	NA	NA	0.210
Nickel	NA	43.8	NA	NA	NA	27.9
Potassium	NA	393 B	NA	NA	NA	1120 B
Selenium	NA	ND(0.920) W	NA	NA	NA	ND(1.20)
Silver	NA	ND(1.40) N	NA	NA	NA	ND(1.80) N
Sodium	NA	120 B	NA	NA	NA	174 B
Sulfide	NA	65.0	NA	NA	NA	ND(14.9)
Thallium	NA	ND(0.690) W	NA	NA	NA	ND(0.880) W
Vanadium	NA	14.1	NA	NA	NA	27.3
Zinc	NA	164	NA	NA	NA	266

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	K10-12-1	K10-11-1	K10-11-2	Undeveloped Longview Terrace	
	Location ID:	OX-J-SS4	J-3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample ID:	OX-J-SS4	ROJ3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample Depth(Feet):	0-0.3	0-0.3	4-8	0-0.3	0-0.3
	Date Collected:	09/16/94	12/10/91	10/06/89	09/16/94	09/16/94
Volatile Organics						
1,1,1,2-Tetrachloroethane		NA	ND(0.0050)	NA	NA	NA
1,1,1-trichloro-2,2,2-trifluoroethane		NA	ND(0.011)	NA	NA	NA
1,1,1-Trichloroethane		NA	ND(0.0050)	0.0040 J	NA	NA
1,1,2,2-Tetrachloroethane		NA	ND(0.011)	ND(0.0050)	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane		NA	0.0020 J	NA	NA	NA
1,1,2-Trichloroethane		NA	ND(0.0050)	ND(0.0050)	NA	NA
1,1-Dichloroethane		NA	ND(0.0050)	ND(0.0050)	NA	NA
1,1-Dichloroethene		NA	ND(0.0050)	ND(0.0050)	NA	NA
1,2,3-Trichloropropane		NA	ND(0.016)	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	ND(0.011)	NA	NA	NA
1,2-Dibromoethane		NA	ND(0.0050)	NA	NA	NA
1,2-Dichloroethane		NA	ND(0.0050)	ND(0.0050)	NA	NA
1,2-Dichloroethene (total)		NA	ND(0.0050)	NA	NA	NA
1,2-Dichloropropane		NA	ND(0.0050)	ND(0.0050)	NA	NA
2-Butanone		NA	ND(0.011)	NA	NA	NA
2-Chloroethylvinylether		NA	ND(0.011)	ND(0.010)	NA	NA
2-Hexanone		NA	ND(0.016)	NA	NA	NA
3-Chloropropene		NA	ND(0.016)	NA	NA	NA
4-Methyl-2-pentanone		NA	ND(0.016)	NA	NA	NA
Acetone		NA	0.028	NA	NA	NA
Acrolein		NA	ND(0.099)	ND(0.010)	NA	NA
Acrylonitrile		NA	ND(0.13)	ND(0.010)	NA	NA
Benzene		NA	ND(0.0050)	ND(0.0050)	NA	NA
Bromodichloromethane		NA	ND(0.0050)	ND(0.0050)	NA	NA
Bromoform		NA	ND(0.011)	ND(0.0050)	NA	NA
Bromomethane		NA	ND(0.0050)	ND(0.010)	NA	NA
Carbon Disulfide		NA	ND(0.0050)	NA	NA	NA
Carbon Tetrachloride		NA	ND(0.0050)	ND(0.0050)	NA	NA
Chlorobenzene		NA	ND(0.0050)	ND(0.0050)	NA	NA
Chloroethane		NA	ND(0.011)	ND(0.010)	NA	NA
Chloroform		NA	ND(0.0050)	ND(0.0050)	NA	NA
Chloromethane		NA	ND(0.011)	ND(0.010)	NA	NA
cis-1,3-Dichloropropene		NA	ND(0.0050)	ND(0.0050)	NA	NA
cis-1,4-Dichloro-2-butene		NA	ND(0.016)	NA	NA	NA
Crotonaldehyde		NA	ND(0.11)	NA	NA	NA
Dibromochloromethane		NA	ND(0.0050)	ND(0.0050)	NA	NA
Dibromomethane		NA	ND(0.011)	NA	NA	NA
Ethyl Methacrylate		NA	ND(0.011)	NA	NA	NA
Ethylbenzene		NA	ND(0.0050)	ND(0.0050)	NA	NA
Iodomethane		NA	ND(0.011)	NA	NA	NA
Methylene Chloride		NA	0.055 B	0.0030 J	NA	NA
Styrene		NA	ND(0.0050)	NA	NA	NA
Tetrachloroethene		NA	ND(0.0050)	ND(0.0050)	NA	NA
Toluene		NA	ND(0.0050)	0.0010 J	NA	NA
trans-1,2-Dichloroethene		NA	NA	ND(0.0050)	NA	NA
trans-1,3-Dichloropropene		NA	ND(0.0050)	ND(0.0050)	NA	NA
trans-1,4-Dichloro-2-butene		NA	ND(0.016)	NA	NA	NA
Trichloroethene		NA	ND(0.0050)	ND(0.0050)	NA	NA
Trichlorofluoromethane		NA	ND(0.0050)	NA	NA	NA
Vinyl Acetate		NA	ND(0.011)	NA	NA	NA
Vinyl Chloride		NA	ND(0.011)	ND(0.010)	NA	NA
Xylenes (total)		NA	ND(0.0050)	NA	NA	NA
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene		NA	ND(0.36)	NA	NA	NA
1,2,3,5-Tetrachlorobenzene		NA	ND(0.36)	NA	NA	NA
1,2,3-Trichlorobenzene		NA	ND(0.36)	NA	NA	NA
1,2,4,5-Tetrachlorobenzene		NA	ND(0.36)	NA	NA	NA
1,2,4-Trichlorobenzene		NA	ND(0.36)	ND(2.0)	NA	NA
1,2-Dichlorobenzene		NA	ND(0.36)	ND(2.0)	NA	NA
1,2-Diphenylhydrazine		NA	ND(0.36)	ND(2.0)	NA	NA
1,3,5-Trichlorobenzene		NA	ND(0.36)	NA	NA	NA
1,3,5-Trinitrobenzene		NA	ND(0.36)	NA	NA	NA
1,3-Dichlorobenzene		NA	ND(0.36)	ND(2.0)	NA	NA
1,4-Dichlorobenzene		NA	ND(0.36)	ND(2.0)	NA	NA
1,4-Dinitrobenzene		NA	ND(0.72)	NA	NA	NA
1,4-Naphthoquinone		NA	ND(0.72)	NA	NA	NA
1-Chloronaphthalene		NA	ND(0.36)	NA	NA	NA

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	K10-12-1	K10-11-1	K10-11-2	Undeveloped Longview Terrace	
	Location ID:	OX-J-SS4	J-3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample ID:	OX-J-SS4	ROJ3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample Depth(Feet):	0-0.3	0-0.3	4-8	0-0.3	0-0.3
	Date Collected:	09/16/94	12/10/91	10/06/89	09/16/94	09/16/94
Semivolatile Organics (continued)						
1-Methylnaphthalene		NA	ND(0.36)	NA	NA	NA
1-Naphthylamine		NA	ND(0.72)	NA	NA	NA
2,3,4,6-Tetrachlorophenol		NA	ND(0.72)	NA	NA	NA
2,4,5-Trichlorophenol		NA	ND(0.72)	NA	NA	NA
2,4,6-Trichlorophenol		NA	ND(0.72)	NA	NA	NA
2,4-Dichlorophenol		NA	ND(0.36)	NA	NA	NA
2,4-Dimethylphenol		NA	ND(0.36)	NA	NA	NA
2,4-Dinitrophenol		NA	ND(0.36)	NA	NA	NA
2,4-Dinitrotoluene		NA	ND(0.36)	ND(2.0)	NA	NA
2,6-Dichlorophenol		NA	ND(0.72)	NA	NA	NA
2,6-Dinitrotoluene		NA	ND(0.72)	ND(2.0)	NA	NA
2-Acetylaminofluorene		NA	ND(0.36)	NA	NA	NA
2-Chloronaphthalene		NA	ND(0.36)	ND(2.0)	NA	NA
2-Chlorophenol		NA	ND(0.36)	NA	NA	NA
2-Methylnaphthalene		NA	ND(0.36)	NA	NA	NA
2-Methylphenol		NA	ND(0.36)	NA	NA	NA
2-Naphthylamine		NA	ND(0.36)	NA	NA	NA
2-Nitroaniline		NA	ND(0.36)	NA	NA	NA
2-Nitrophenol		NA	ND(0.36)	NA	NA	NA
2-Phenylenediamine		NA	ND(0.36)	NA	NA	NA
2-Picoline		NA	ND(0.72)	NA	NA	NA
3&4-Methylphenol		NA	ND(0.36)	NA	NA	NA
3,3'-Dichlorobenzidine		NA	ND(0.36)	ND(4.0)	NA	NA
3,3'-Dimethoxybenzidine		NA	ND(0.36)	NA	NA	NA
3,3'-Dimethylbenzidine		NA	ND(0.72)	NA	NA	NA
3-Methylcholanthrene		NA	ND(0.36)	NA	NA	NA
3-Nitroaniline		NA	ND(0.36)	NA	NA	NA
3-Phenylenediamine		NA	ND(0.36)	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)		NA	ND(0.36)	NA	NA	NA
4,6-Dinitro-2-methylphenol		NA	ND(0.36)	NA	NA	NA
4-Aminobiphenyl		NA	ND(0.36)	NA	NA	NA
4-Bromophenyl-phenylether		NA	ND(0.36)	ND(2.0)	NA	NA
4-Chloro-3-Methylphenol		NA	ND(0.36)	NA	NA	NA
4-Chloroaniline		NA	ND(0.36)	NA	NA	NA
4-Chlorobenzilate		NA	ND(0.36)	NA	NA	NA
4-Chlorophenyl-phenylether		NA	ND(0.36)	ND(2.0)	NA	NA
4-Nitroaniline		NA	ND(0.72)	NA	NA	NA
4-Nitrophenol		NA	ND(0.36)	NA	NA	NA
4-Phenylenediamine		NA	ND(0.36)	NA	NA	NA
5-Nitro-o-toluidine		NA	ND(0.72)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		NA	ND(0.36)	NA	NA	NA
a,a'-Dimethylphenethylamine		NA	ND(0.36)	NA	NA	NA
Acenaphthene		NA	0.063 J	ND(2.0)	NA	NA
Acenaphthylene		NA	ND(0.36)	0.27 J	NA	NA
Acetophenone		NA	ND(0.36)	NA	NA	NA
Aniline		NA	ND(0.36)	NA	NA	NA
Anthracene		NA	0.10 J	ND(2.0)	NA	NA
Benzal chloride		NA	ND(0.36)	NA	NA	NA
Benzidine		NA	ND(0.36)	ND(10)	NA	NA
Benzo(a)anthracene		NA	0.63	0.30 J	NA	NA
Benzo(a)pyrene		NA	0.60 J	0.37 J	NA	NA
Benzo(b)fluoranthene		NA	0.65 Z	0.38 J	NA	NA
Benzo(g,h,i)perylene		NA	0.35	ND(2.0)	NA	NA
Benzo(k)fluoranthene		NA	0.65 Z	0.46 J	NA	NA
Benzoic Acid		NA	ND(3.6)	NA	NA	NA
Benzotrichloride		NA	ND(0.72)	NA	NA	NA
Benzyl Alcohol		NA	ND(0.36)	NA	NA	NA
Benzyl Chloride		NA	ND(0.36)	NA	NA	NA
bis(2-Chloroethoxy)methane		NA	ND(0.36)	ND(2.0)	NA	NA
bis(2-Chloroethyl)ether		NA	ND(0.72)	ND(2.0)	NA	NA
bis(2-Chloroisopropyl)ether		NA	ND(0.36)	ND(2.0)	NA	NA
bis(2-Ethylhexyl)phthalate		NA	0.053 J	ND(2.0)	NA	NA
Butylbenzylphthalate		NA	ND(0.36)	ND(2.0)	NA	NA
Chrysene		NA	0.64	0.31 J	NA	NA
Cyclophosphamide		NA	ND(1.7)	NA	NA	NA
Diallate		NA	ND(0.36)	NA	NA	NA
Dibenz(a,j)acridine		NA	ND(0.36)	NA	NA	NA
Dibenzo(a,h)anthracene		NA	0.88	ND(2.0)	NA	NA

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	K10-12-1	K10-11-1	K10-11-2	Undeveloped Longview Terrace	
	Location ID:	OX-J-SS4	J-3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample ID:	OX-J-SS4	ROJ3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample Depth(Feet):	0-0.3	0-0.3	4-8	0-0.3	0-0.3
	Date Collected:	09/16/94	12/10/91	10/06/89	09/16/94	09/16/94
Semivolatile Organics (continued)						
Dibenzofuran		NA	ND(0.36)	NA	NA	NA
Diethylphthalate		NA	ND(0.36)	ND(2.0)	NA	NA
Dimethylphthalate		NA	ND(0.36)	ND(2.0)	NA	NA
Di-n-Butylphthalate		NA	ND(0.36)	ND(2.0)	NA	NA
Di-n-Octylphthalate		NA	ND(0.36)	ND(2.0)	NA	NA
Diphenylamine		NA	ND(0.72)	NA	NA	NA
Ethyl Methacrylate		NA	ND(0.36)	NA	NA	NA
Ethyl Methanesulfonate		NA	ND(0.36)	NA	NA	NA
Fluoranthene		NA	1.2	0.47 J	NA	NA
Fluorene		NA	0.049	ND(2.0)	NA	NA
Hexachlorobenzene		NA	ND(0.36)	ND(2.0)	NA	NA
Hexachlorobutadiene		NA	ND(0.36)	ND(2.0)	NA	NA
Hexachlorocyclopentadiene		NA	ND(0.36)	ND(2.0)	NA	NA
Hexachloroethane		NA	ND(0.36)	ND(2.0)	NA	NA
Hexachloropropene		NA	ND(0.36)	NA	NA	NA
Indeno(1,2,3-cd)pyrene		NA	0.29	ND(2.0)	NA	NA
Isophorone		NA	ND(0.36)	ND(2.0)	NA	NA
Isosafrole		NA	ND(0.72)	NA	NA	NA
Methapyrilene		NA	ND(0.72)	NA	NA	NA
Methyl Methanesulfonate		NA	ND(0.36)	NA	NA	NA
Naphthalene		NA	ND(0.36)	ND(2.0)	NA	NA
Nitrobenzene		NA	ND(0.36)	ND(2.0)	NA	NA
N-Nitrosodiethylamine		NA	ND(0.36)	NA	NA	NA
N-Nitrosodimethylamine		NA	ND(0.36)	ND(2.0)	NA	NA
N-Nitroso-di-n-butylamine		NA	ND(0.36)	NA	NA	NA
N-Nitroso-di-n-propylamine		NA	ND(0.36)	ND(2.0)	NA	NA
N-Nitrosodiphenylamine		NA	ND(0.36)	ND(2.0)	NA	NA
N-Nitrosomethylethylamine		NA	ND(0.36)	NA	NA	NA
N-Nitrosomorpholine		NA	ND(0.36)	NA	NA	NA
N-Nitrosopiperidine		NA	ND(0.36)	NA	NA	NA
N-Nitrosopyrrolidine		NA	ND(0.36)	NA	NA	NA
o-Toluidine		NA	ND(0.36)	NA	NA	NA
Paraldehyde		NA	ND(0.36)	NA	NA	NA
p-Dimethylaminoazobenzene		NA	ND(0.36)	NA	NA	NA
Pentachlorobenzene		NA	ND(0.72)	NA	NA	NA
Pentachloroethane		NA	ND(0.36)	NA	NA	NA
Pentachloronitrobenzene		NA	ND(0.36)	NA	NA	NA
Pentachlorophenol		NA	ND(0.72)	NA	NA	NA
Phenacetin		NA	ND(0.36)	NA	NA	NA
Phenanthrene		NA	0.63	0.29 J	NA	NA
Phenol		NA	ND(0.36)	NA	NA	NA
Pronamide		NA	ND(0.36)	NA	NA	NA
Pyrene		NA	1.0	0.70 J	NA	NA
Pyridine		NA	ND(0.36)	NA	NA	NA
Safrole		NA	ND(0.36)	NA	NA	NA
Thionazin		NA	ND(0.36)	NA	NA	NA
Organophosphate Pesticides						
Dimethoate		NA	ND(0.36)	NA	NA	NA
Furans						
2,3,7,8-TCDF		0.000035	NA	NA	0.000016	0.000037
TCDFs (total)		0.00032 I	NA	NA	0.00016 I	0.00032 I
1,2,3,7,8-PeCDF		0.000018	NA	NA	0.0000059	0.0000099
2,3,4,7,8-PeCDF		0.000039	NA	NA	0.000016	0.0000076
PeCDFs (total)		0.00045 I	NA	NA	0.00026 I	0.00046 I
1,2,3,4,7,8-HxCDF		0.000036	NA	NA	0.000015	0.000018
1,2,3,6,7,8-HxCDF		0.000032 I	NA	NA	0.000026 I	0.000030 I
1,2,3,7,8,9-HxCDF		0.0000062	NA	NA	0.0000029	0.0000036
2,3,4,6,7,8-HxCDF		0.000031	NA	NA	0.000016	0.000035
HxCDFs (total)		0.00050 I	NA	NA	0.00035 I	0.00052 I
1,2,3,4,6,7,8-HpCDF		0.00015 I	NA	NA	0.00016 I	0.00011 I
1,2,3,4,7,8,9-HpCDF		0.000013	NA	NA	0.0000060	0.0000064
HpCDFs (total)		0.00042 I	NA	NA	0.00030 I	0.00023 I
OCDF		0.00029	NA	NA	0.00010	0.000089

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	K10-12-1	K10-11-1	K10-11-2	Undeveloped Longview Terrace	
	Location ID:	OX-J-SS4	J-3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample ID:	OX-J-SS4	ROJ3S	YB-2	OX-J-SS2	OX-J-SS3
	Sample Depth(Feet):	0-0.3	0-0.3	4-8	0-0.3	0-0.3
	Date Collected:	09/16/94	12/10/91	10/06/89	09/16/94	09/16/94
Dioxins						
2,3,7,8-TCDD		0.00000055	NA	NA	ND(0.00000046)	ND(0.00000032)
TCDDs (total)		0.0000099	NA	NA	0.0000035	0.0000046
1,2,3,7,8-PeCDD		ND(0.0000030) X	NA	NA	ND(0.0000021) Q	ND(0.0000020) Q
PeCDDs (total)		0.000011	NA	NA	0.000014	0.0000084
1,2,3,4,7,8-HxCDD		0.0000043	NA	NA	0.0000019 J	0.0000020 J
1,2,3,6,7,8-HxCDD		0.000023	NA	NA	0.0000052	0.0000074
1,2,3,7,8,9-HxCDD		0.0000068	NA	NA	0.0000031	0.0000038
HxCDDs (total)		0.00013	NA	NA	0.000047	0.000057
1,2,3,4,6,7,8-HpCDD		0.00068	NA	NA	0.000091	0.00011
HpCDDs (total)		0.0021	NA	NA	0.00017	0.00025
OCDD		0.0065	NA	NA	0.00086	0.00084
Total TEQs (WHO TEFs)		0.000049	NA	NA	0.000021	0.000021
Inorganics						
Aluminum		NA	5500 *	NA	NA	NA
Antimony		NA	ND(7.70) N	NA	NA	NA
Arsenic		NA	5.50 A	NA	NA	NA
Barium		NA	28.0 B	NA	NA	NA
Beryllium		NA	ND(0.210)	NA	NA	NA
Cadmium		NA	ND(1.10)	NA	NA	NA
Calcium		NA	8240 E	NA	NA	NA
Chromium		NA	7.70	NA	NA	NA
Cobalt		NA	5.60 B	NA	NA	NA
Copper		NA	12.0 N	NA	NA	NA
Cyanide		ND(0.630)	ND(0.550)	NA	ND(0.590)	ND(0.620)
Iron		NA	14400 *	NA	NA	NA
Lead		NA	13.5 *	NA	NA	NA
Magnesium		NA	4590	NA	NA	NA
Manganese		NA	214 N*	NA	NA	NA
Mercury		NA	ND(0.110)	NA	NA	NA
Nickel		NA	9.90	NA	NA	NA
Potassium		NA	969 B	NA	NA	NA
Selenium		NA	ND(0.870) W	NA	NA	NA
Silver		NA	ND(1.30) N	NA	NA	NA
Sodium		NA	166 B	NA	NA	NA
Sulfide		NA	ND(11.0)	NA	NA	NA
Thallium		NA	ND(0.650) W	NA	NA	NA
Vanadium		NA	11.6	NA	NA	NA
Zinc		NA	33.0	NA	NA	NA

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace		K10-10-33	K10-10-5
Location ID:	OX-J-SS5	OX-J-SS6	K-2	K-1
Sample ID:	OX-J-SS5	OX-J-SS6	ROO2B0810	ROO1B1416
Sample Depth(Feet):	0-0.3	0-0.3	8-10	14-16
Parameter / Date Collected:	09/16/94	09/16/94	01/31/91	01/31/91
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0060)	ND(0.0060)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	ND(0.012)	ND(0.012)
1,1,1-Trichloroethane	NA	NA	ND(0.0060)	ND(0.0060)
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.012)	ND(0.012)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	ND(0.012)	ND(0.012)
1,1,2-Trichloroethane	NA	NA	ND(0.0060)	ND(0.0060)
1,1-Dichloroethane	NA	NA	ND(0.0060)	ND(0.0060)
1,1-Dichloroethene	NA	NA	ND(0.0060)	ND(0.0060)
1,2,3-Trichloropropane	NA	NA	ND(0.018)	ND(0.018)
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.012)	ND(0.012)
1,2-Dibromoethane	NA	NA	ND(0.0060)	ND(0.0060)
1,2-Dichloroethane	NA	NA	ND(0.0060)	ND(0.0060)
1,2-Dichloroethene (total)	NA	NA	ND(0.0060)	ND(0.0060)
1,2-Dichloropropane	NA	NA	ND(0.0060)	ND(0.0060)
2-Butanone	NA	NA	ND(0.012)	ND(0.012)
2-Chloroethylvinylether	NA	NA	ND(0.012)	ND(0.012)
2-Hexanone	NA	NA	ND(0.018)	ND(0.018)
3-Chloropropene	NA	NA	ND(0.018)	ND(0.018)
4-Methyl-2-pentanone	NA	NA	ND(0.018)	ND(0.018)
Acetone	NA	NA	0.032 B	0.022 B
Acrolein	NA	NA	ND(0.11)	ND(0.11)
Acrylonitrile	NA	NA	ND(0.15)	ND(0.14)
Benzene	NA	NA	ND(0.0060)	ND(0.0060)
Bromodichloromethane	NA	NA	ND(0.0060)	ND(0.0060)
Bromoform	NA	NA	ND(0.012)	ND(0.012)
Bromomethane	NA	NA	ND(0.0060)	ND(0.0060)
Carbon Disulfide	NA	NA	ND(0.0060)	ND(0.0060)
Carbon Tetrachloride	NA	NA	ND(0.0060)	ND(0.0060)
Chlorobenzene	NA	NA	ND(0.0060)	ND(0.0060)
Chloroethane	NA	NA	ND(0.012)	ND(0.012)
Chloroform	NA	NA	ND(0.0060)	ND(0.0060)
Chloromethane	NA	NA	ND(0.012)	ND(0.012)
cis-1,3-Dichloropropene	NA	NA	ND(0.0060)	ND(0.0060)
cis-1,4-Dichloro-2-butene	NA	NA	ND(0.018)	ND(0.018)
Crotonaldehyde	NA	NA	ND(0.12)	ND(0.12)
Dibromochloromethane	NA	NA	ND(0.0060)	ND(0.0060)
Dibromomethane	NA	NA	ND(0.012)	ND(0.012)
Ethyl Methacrylate	NA	NA	ND(0.012)	ND(0.012)
Ethylbenzene	NA	NA	ND(0.0060)	ND(0.0060)
Iodomethane	NA	NA	ND(0.012)	ND(0.012)
Methylene Chloride	NA	NA	0.038 B	0.033 B
Styrene	NA	NA	ND(0.0060)	ND(0.0060)
Tetrachloroethene	NA	NA	ND(0.0060)	ND(0.0060)
Toluene	NA	NA	ND(0.0060)	ND(0.0060)
trans-1,2-Dichloroethene	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0060)	ND(0.0060)
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.018)	ND(0.018)
Trichloroethene	NA	NA	ND(0.0060)	ND(0.0060)
Trichlorofluoromethane	NA	NA	ND(0.0060)	ND(0.0060)
Vinyl Acetate	NA	NA	ND(0.012)	ND(0.012)
Vinyl Chloride	NA	NA	ND(0.012)	ND(0.012)
Xylenes (total)	NA	NA	ND(0.0060)	ND(0.0060)
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,2,3,5-Tetrachlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,2,3-Trichlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,2,4-Trichlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,2-Dichlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,2-Diphenylhydrazine	NA	NA	ND(0.40)	ND(0.39)
1,3,5-Trichlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,3,5-Trinitrobenzene	NA	NA	ND(0.81)	ND(0.78)
1,3-Dichlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,4-Dichlorobenzene	NA	NA	ND(0.40)	ND(0.39)
1,4-Dinitrobenzene	NA	NA	ND(0.81)	ND(0.78)
1,4-Naphthoquinone	NA	NA	ND(0.81)	ND(0.78)
1-Chloronaphthalene	NA	NA	ND(0.40)	ND(0.39)

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Undeveloped Longview Terrace		K10-10-33	K10-10-5
	Location ID:	OX-J-SS5	OX-J-SS6	K-2	K-1
	Sample ID:	OX-J-SS5	OX-J-SS6	ROO2B0810	ROO1B1416
	Sample Depth(Feet):	0-0.3	0-0.3	8-10	14-16
	Date Collected:	09/16/94	09/16/94	01/31/91	01/31/91
Semivolatile Organics (continued)					
1-Methylnaphthalene		NA	NA	ND(0.40)	ND(0.39)
1-Naphthylamine		NA	NA	ND(0.81)	ND(0.78)
2,3,4,6-Tetrachlorophenol		NA	NA	ND(0.81)	ND(0.78)
2,4,5-Trichlorophenol		NA	NA	ND(0.81)	ND(0.78)
2,4,6-Trichlorophenol		NA	NA	ND(0.81)	ND(0.78)
2,4-Dichlorophenol		NA	NA	ND(0.40)	ND(0.39)
2,4-Dimethylphenol		NA	NA	ND(0.40)	ND(0.39)
2,4-Dinitrophenol		NA	NA	ND(1.6)	ND(1.5)
2,4-Dinitrotoluene		NA	NA	ND(0.40)	ND(0.39)
2,6-Dichlorophenol		NA	NA	ND(0.81)	ND(0.78)
2,6-Dinitrotoluene		NA	NA	ND(0.40)	ND(0.39)
2-Acetylaminofluorene		NA	NA	ND(0.40)	ND(0.39)
2-Chloronaphthalene		NA	NA	ND(0.40)	ND(0.39)
2-Chlorophenol		NA	NA	ND(0.40)	ND(0.39)
2-Methylnaphthalene		NA	NA	ND(0.40)	ND(0.39)
2-Methylphenol		NA	NA	ND(0.40)	ND(0.39)
2-Naphthylamine		NA	NA	ND(0.81)	ND(0.78)
2-Nitroaniline		NA	NA	ND(0.40)	ND(0.39)
2-Nitrophenol		NA	NA	ND(0.40)	ND(0.39)
2-Phenylenediamine		NA	NA	ND(0.40)	ND(0.39)
2-Picoline		NA	NA	ND(0.81)	ND(0.78)
3&4-Methylphenol		NA	NA	ND(0.40)	ND(0.39)
3,3'-Dichlorobenzidine		NA	NA	ND(0.40)	ND(0.39)
3,3'-Dimethoxybenzidine		NA	NA	ND(0.40)	ND(0.39)
3,3'-Dimethylbenzidine		NA	NA	ND(0.40)	ND(0.39)
3-Methylcholanthrene		NA	NA	ND(0.40)	ND(0.39)
3-Nitroaniline		NA	NA	ND(0.81)	ND(0.78)
3-Phenylenediamine		NA	NA	ND(0.40)	ND(0.39)
4,4'-Methylene-bis(2-chloroaniline)		NA	NA	ND(0.40)	ND(0.39)
4,6-Dinitro-2-methylphenol		NA	NA	ND(1.2)	ND(1.2)
4-Aminobiphenyl		NA	NA	ND(0.40)	ND(0.39)
4-Bromophenyl-phenylether		NA	NA	ND(0.40)	ND(0.39)
4-Chloro-3-Methylphenol		NA	NA	ND(0.40)	ND(0.39)
4-Chloroaniline		NA	NA	ND(0.40)	ND(0.39)
4-Chlorobenzilate		NA	NA	ND(0.40)	ND(0.39)
4-Chlorophenyl-phenylether		NA	NA	ND(0.40)	ND(0.39)
4-Nitroaniline		NA	NA	ND(0.81)	ND(0.78)
4-Nitrophenol		NA	NA	ND(0.40)	ND(0.39)
4-Phenylenediamine		NA	NA	ND(0.40)	ND(0.39)
5-Nitro-o-toluidine		NA	NA	ND(0.81)	ND(0.78)
7,12-Dimethylbenz(a)anthracene		NA	NA	ND(0.40)	ND(0.39)
a,a'-Dimethylphenethylamine		NA	NA	ND(0.40)	ND(0.39)
Acenaphthene		NA	NA	ND(0.40)	ND(0.39)
Acenaphthylene		NA	NA	ND(0.40)	ND(0.39)
Acetophenone		NA	NA	ND(0.40)	ND(0.39)
Aniline		NA	NA	ND(0.40)	ND(0.39)
Anthracene		NA	NA	ND(0.40)	ND(0.39)
Benzal chloride		NA	NA	ND(0.40)	ND(0.39)
Benzidine		NA	NA	ND(0.40)	ND(0.39)
Benzo(a)anthracene		NA	NA	0.045 J	ND(0.39)
Benzo(a)pyrene		NA	NA	0.042 J	ND(0.39)
Benzo(b)fluoranthene		NA	NA	0.086 JZ	ND(0.39)
Benzo(g,h,i)perylene		NA	NA	ND(0.40)	ND(0.39)
Benzo(k)fluoranthene		NA	NA	0.086 JZ	ND(0.39)
Benzoic Acid		NA	NA	ND(4.0)	ND(3.9)
Benzotrichloride		NA	NA	ND(0.81)	ND(0.78)
Benzyl Alcohol		NA	NA	ND(0.40)	ND(0.39)
Benzyl Chloride		NA	NA	ND(0.40)	ND(0.39)
bis(2-Chloroethoxy)methane		NA	NA	ND(0.40)	ND(0.39)
bis(2-Chloroethyl)ether		NA	NA	ND(0.81)	ND(0.78)
bis(2-Chloroisopropyl)ether		NA	NA	ND(0.40)	ND(0.39)
bis(2-Ethylhexyl)phthalate		NA	NA	0.067 J	ND(0.39)
Butylbenzylphthalate		NA	NA	ND(0.40)	ND(0.39)
Chrysene		NA	NA	0.059 J	ND(0.39)
Cyclophosphamide		NA	NA	ND(2.0)	ND(1.9)
Diallate		NA	NA	ND(0.40)	ND(0.39)
Dibenz(a,j)acridine		NA	NA	ND(0.40)	ND(0.39)
Dibenzo(a,h)anthracene		NA	NA	ND(0.40)	ND(0.39)

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	Undeveloped Longview Terrace		K10-10-33	K10-10-5
Location ID:	OX-J-SS5	OX-J-SS6	K-2	K-1
Sample ID:	OX-J-SS5	OX-J-SS6	ROO2B0810	ROO1B1416
Sample Depth(Feet):	0-0.3	0-0.3	8-10	14-16
Parameter / Date Collected:	09/16/94	09/16/94	01/31/91	01/31/91
Semivolatile Organics (continued)				
Dibenzofuran	NA	NA	ND(0.40)	ND(0.39)
Diethylphthalate	NA	NA	ND(0.40)	ND(0.39)
Dimethylphthalate	NA	NA	ND(0.40)	ND(0.39)
Di-n-Butylphthalate	NA	NA	0.053 J	ND(0.39)
Di-n-Octylphthalate	NA	NA	ND(0.40)	ND(0.39)
Diphenylamine	NA	NA	ND(0.40)	ND(0.39)
Ethyl Methacrylate	NA	NA	ND(0.40)	ND(0.39)
Ethyl Methanesulfonate	NA	NA	ND(0.40)	ND(0.39)
Fluoranthene	NA	NA	0.080 J	ND(0.39)
Fluorene	NA	NA	ND(0.40)	ND(0.39)
Hexachlorobenzene	NA	NA	ND(0.40)	ND(0.39)
Hexachlorobutadiene	NA	NA	ND(0.40)	ND(0.39)
Hexachlorocyclopentadiene	NA	NA	ND(0.40)	ND(0.39)
Hexachloroethane	NA	NA	ND(0.40)	ND(0.39)
Hexachloropropene	NA	NA	ND(0.40)	ND(0.39)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.40)	ND(0.39)
Isophorone	NA	NA	ND(0.40)	ND(0.39)
Isosafrole	NA	NA	ND(0.81)	ND(0.78)
Methapyrilene	NA	NA	ND(0.81)	ND(0.78)
Methyl Methanesulfonate	NA	NA	ND(0.40)	ND(0.39)
Naphthalene	NA	NA	ND(0.40)	ND(0.39)
Nitrobenzene	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosodiethylamine	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosodimethylamine	NA	NA	ND(0.40)	ND(0.39)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.40)	ND(0.39)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosodiphenylamine	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosomethylethylamine	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosomorpholine	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosopiperidine	NA	NA	ND(0.40)	ND(0.39)
N-Nitrosopyrrolidine	NA	NA	ND(0.40)	ND(0.39)
o-Toluidine	NA	NA	ND(0.40)	ND(0.39)
Paraldehyde	NA	NA	ND(0.40)	ND(0.39)
p-Dimethylaminoazobenzene	NA	NA	ND(0.40)	ND(0.39)
Pentachlorobenzene	NA	NA	ND(0.40)	ND(0.39)
Pentachloroethane	NA	NA	ND(0.40)	ND(0.39)
Pentachloronitrobenzene	NA	NA	ND(0.40)	ND(0.39)
Pentachlorophenol	NA	NA	ND(0.81)	ND(0.78)
Phenacetin	NA	NA	ND(0.40)	ND(0.39)
Phenanthrene	NA	NA	0.053 J	ND(0.39)
Phenol	NA	NA	ND(0.40)	ND(0.39)
Pronamide	NA	NA	ND(0.40)	ND(0.39)
Pyrene	NA	NA	0.097 J	ND(0.39)
Pyridine	NA	NA	ND(0.40)	ND(0.39)
Safrole	NA	NA	ND(0.40)	ND(0.39)
Thionazin	NA	NA	ND(0.40)	ND(0.39)
Organophosphate Pesticides				
Dimethoate	NA	NA	ND(0.40)	ND(0.39)
Furans				
2,3,7,8-TCDF	0.0000057 [0.0000055]	0.000013	ND(0.000032)	ND(0.00024)
TCDFs (total)	0.000065 I [0.000045 I]	0.00011 I	ND(0.000067)	ND(0.000040)
1,2,3,7,8-PeCDF	0.0000020 J [0.0000018 J]	0.0000035	NA	NA
2,3,4,7,8-PeCDF	0.0000067 [0.0000065]	0.0000069	NA	NA
PeCDFs (total)	0.000097 I [0.000086 I]	0.000094 I	ND(0.000043)	ND(0.000049)
1,2,3,4,7,8-HxCDF	0.0000043 [0.0000032]	0.0000048	NA	NA
1,2,3,6,7,8-HxCDF	0.0000060 I [0.0000051 I]	0.0000065 I	NA	NA
1,2,3,7,8,9-HxCDF	0.00000099 J [0.00000081 J]	0.0000011 J	NA	NA
2,3,4,6,7,8-HxCDF	0.0000072 I [0.0000058 I]	0.0000077 I	NA	NA
HxCDFs (total)	0.000092 I [0.000080 I]	0.000092 I	ND(0.000079)	ND(0.000077)
1,2,3,4,6,7,8-HpCDF	0.000024 I [0.000019 I]	0.000022 I	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000021 J [0.0000014 J]	0.0000019 J	NA	NA
HpCDFs (total)	0.000052 I [0.000043 I]	0.000046 I	ND(0.00010)	ND(0.00011)
OCDF	0.000026 [0.000022]	0.000022	ND(0.00018)	ND(0.00018)

TABLE C-6
HISTORICAL SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Undeveloped Longview Terrace		K10-10-33	K10-10-5
	Location ID:	OX-J-SS5	OX-J-SS6	K-2	K-1
	Sample ID:	OX-J-SS5	OX-J-SS6	ROO2B0810	ROO1B1416
	Sample Depth(Feet):	0-0.3	0-0.3	8-10	14-16
	Date Collected:	09/16/94	09/16/94	01/31/91	01/31/91
Dioxins					
2,3,7,8-TCDD		ND(0.00000036) [ND(0.00000028)]	ND(0.00000047)	ND(0.000071)	ND(0.000048)
TCDDs (total)		0.00000069 [0.0000011]	0.0000038	ND(0.000071)	ND(0.000048)
1,2,3,7,8-PeCDD		ND(0.00000049) [ND(0.00000045)]	ND(0.00000071)	NA	NA
PeCDDs (total)		ND(0.0000010) [ND(0.00000091)]	ND(0.0000019)	ND(0.000070)	ND(0.000072)
1,2,3,4,7,8-HxCDD		0.00000068 J [0.00000057 J]	0.00000078 J	NA	NA
1,2,3,6,7,8-HxCDD		0.0000019 J [0.0000018 J]	0.0000022 J	NA	NA
1,2,3,7,8,9-HxCDD		0.0000011 J [0.00000090 J]	0.0000014 J	NA	NA
HxCDDs (total)		0.000015 [0.000013]	0.000020	ND(0.00011)	ND(0.00011)
1,2,3,4,6,7,8-HpCDD		0.000034 [0.000031]	0.000037	NA	NA
HpCDDs (total)		0.000074 [0.000067]	0.00010	ND(0.00013)	ND(0.00012)
OCDD		0.00026 [0.00024]	0.00027	ND(0.00022)	ND(0.00024)
Total TEQs (WHO TEFs)		0.0000073 [0.0000066]	0.0000086	0.000037	0.000036
Inorganics					
Aluminum		NA	NA	2900	4200
Antimony		NA	NA	ND(1.20)	ND(1.20)
Arsenic		NA	NA	ND(1.20)	2.00
Barium		NA	NA	ND(24.0)	ND(24.0)
Beryllium		NA	NA	ND(0.600)	ND(0.590)
Cadmium		NA	NA	ND(0.600)	ND(0.590)
Calcium		NA	NA	ND(600)	17000
Chromium		NA	NA	4.20	3.20
Cobalt		NA	NA	ND(6.00)	ND(5.90)
Copper		NA	NA	ND(3.00)	11.0
Cyanide		ND(0.580) [ND(0.580)]	ND(0.560)	ND(0.600)	ND(0.590)
Iron		NA	NA	7400	12000
Lead		NA	NA	ND(12.0)	ND(12.0)
Magnesium		NA	NA	1300	9800
Manganese		NA	NA	56.0	300
Mercury		NA	NA	ND(0.120)	ND(0.120)
Nickel		NA	NA	ND(4.80)	9.30
Potassium		NA	NA	ND(600)	ND(590)
Selenium		NA	NA	ND(0.600)	ND(0.590)
Silver		NA	NA	ND(600)	ND(590)
Sodium		NA	NA	ND(600)	ND(590)
Sulfide		NA	NA	NA	NA
Thallium		NA	NA	ND(1.20)	ND(1.20)
Vanadium		NA	NA	ND(6.00)	5.90
Zinc		NA	NA	19.0	38.0

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CompuChem Environmental Corporation and Quanterra Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. NR - Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

B - Analyte was also detected in the associated method blank.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
J - Indicates an estimated value less than the practical quantitation limit (PQL).
Q - Indicates the presence of quantitative interferences.
X - Estimated Maximum Possible Concentration
Z - Co eluting isomers could not be chromatographically resolved in the sample.

Inorganics

A - Analyte determination by the method of standard additions (MSA).
B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
N - Indicates sample matrix spike analysis was outside control limits.
W - GFAA Analytical spike recovery outside of range of 85% to 115% in a sample which exhibits a low concentration of analyte. Unspiked response must be < 50% of spiked sample response.
* - Indicates laboratory duplicate analysis was outside control limits.

Conceptual Removal Design/ Removal Action Work Plan for Former Oxbow Areas J and K

Volume II of IV

General Electric Company
Pittsfield, Massachusetts

March 2005

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Appendix

D PCB Spatial Averaging Evaluation Tables and Polygon Maps

Appendix D

PCB Spatial Averaging Evaluation Tables and Polygon Maps

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Appendix D Tables

Table D-1 – Existing Conditions – Parcel K10-13-1 – 0- to 1-Foot Depth Increment

Table D-2 – Existing Conditions – Parcel K10-13-1 – 0- to 3-Foot Depth Increment

Table D-3 – Existing Conditions – Parcel K10-13-1 – 1- to 6-Foot Depth Increment

Table D-4 – Existing Conditions – Parcel K10-13-1 – 0- to 15-Foot Depth Increment

Table D-5 – Existing Conditions – Parcel K10-12-1 – 0- to 1-Foot Depth Increment

Table D-6 – Existing Conditions – Parcel K10-12-1 – 0- to 3-Foot Depth Increment

Table D-7 – Existing Conditions – Parcel K10-12-1 – 1- to 6-Foot Depth Increment

Table D-8 – Existing Conditions – Parcel K10-12-1 – 0- to 15-Foot Depth Increment

Table D-9 – Existing Conditions – Parcel K10-11-1 – 0- to 1-Foot Depth Increment

Table D-10 – Existing Conditions – Parcel K10-11-1 – 0- to 3-Foot Depth Increment

Table D-11 – Existing Conditions – Parcel K10-11-1 – 1- to 6-Foot Depth Increment

Table D-12 – Existing Conditions – Parcel K10-11-1 – 0- to 15-Foot Depth Increment

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Table D-19 – Post-Remediation Conditions – Parcel K10-11-2 – 0- to 15-Foot Depth Increment

Table D-20 – Existing Conditions – Parcel K10-11-3 – 0- to 1-Foot Depth Increment

Table D-21 – Existing Conditions – Parcel K10-11-3 – 0- to 3-Foot Depth Increment

Table D-22 – Existing Conditions – Parcel K10-11-3 – 1- to 6-Foot Depth Increment

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Parcel K10-13-1

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TABLE D-1
EXISTING CONDITIONS
PARCEL K10-13-1 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	24,73	1,507	0 - 0.5	0.66	27.91	0.66	18.42
RAA15-D3	111,116	508	0 - 0.5	0.4	9.41	0.40	3.76
RAA15-E1	223	260	0 - 0.5	0.081	4.82	0.08	0.39
RAA15-E2	97	2,263	0 - 0.5	0.19	41.90	0.19	7.96
RAA15-E3	112	1,177	0 - 0.5	0.094	21.79	0.09	2.05
RAA15-F2	99	1,923	0 - 0.5	0.43	35.61	0.43	15.31
RAA15-F3	114	722	0 - 0.5	0.178	13.38	0.18	2.38
RAA15-G2	117	451	0 - 0.5	3.3	8.34	3.30	27.53
RAA15-G3	119	80	0 - 0.5	0.3	1.48	0.30	0.45
Totals:	--	8,890	--	--	164.64	--	78.25
					Volume-Weighted Average:		**0.48**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	24,73	1,507	0.5 - 1	0.66	27.91	0.66	18.42
RAA15-D3	115,120	508	0.5 - 1	0.4	9.41	0.40	3.76
RAA15-E1	223	260	0.5 - 1	0.081	4.82	0.08	0.39
RAA15-E2	101	2,263	0.5 - 1	0.19	41.90	0.19	7.96
RAA15-E3	116	1,177	0.5 - 1	0.094	21.79	0.09	2.05
RAA15-F2	103	1,923	0.5 - 1	0.43	35.61	0.43	15.31
RAA15-F3	118	722	0.5 - 1	0.178	13.38	0.18	2.38
RAA15-G2	121	451	0.5 - 1	3.3	8.34	3.30	27.53
RAA15-G3	123	80	0.5 - 1	0.3	1.48	0.30	0.45
Totals:	--	8,890	--	--	164.64	--	78.25
					Volume-Weighted Average:		**0.48**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	329.28	--	156.50
					Volume-Weighted Average:		**0.48**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-2
EXISTING CONDITIONS
PARCEL K10-13-1 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-1)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	329.28	--	156.50
					Volume-Weighted Average:		**0.48**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	63	2,066	1 - 2	0.18	76.51	0.18	13.77
RAA15-E1	56	260	1 - 2	**0.019**	9.63	0.02	0.18
RAA15-E2	65	4,876	1 - 2	2	180.61	2.00	361.22
RAA15-E4	64	101	1 - 2	14.9	3.75	14.90	55.92
RAA15-G2	67	1,587	1 - 2	5.2	58.77	5.20	305.59
Totals:	--	8,890	--	--	329.28	--	736.69
					Volume-Weighted Average:		**2.24**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	63	2,066	2 - 3	0.18	76.51	0.18	13.77
RAA15-E1	56	260	2 - 3	**0.019**	9.63	0.02	0.18
RAA15-E2	65	4,876	2 - 3	2	180.61	2.00	361.22
RAA15-E4	64	101	2 - 3	14.9	3.75	14.90	55.92
RAA15-G2	67	1,587	2 - 3	5.2	58.77	5.20	305.59
Totals:	--	8,890	--	--	329.28	--	736.69
					Volume-Weighted Average:		**2.24**

SUMMARY- 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	987.83	--	1,629.88
					Volume-Weighted Average:		**1.65**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-3
EXISTING CONDITIONS
PARCEL K10-13-1 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 3-FOOT DEPTH INCREMENT (TABLE D-2)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	658.55	--	1,473.38
					Volume-Weighted Average:		**2.24**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	62	2,066	3 - 4	**0.0195**	76.51	0.02	1.49
RAA15-E1	55	260	3 - 4	**0.02**	9.63	0.02	0.19
RAA15-E2	64	4,876	3 - 4	**0.0185**	180.61	0.02	3.34
RAA15-E4	63	101	3 - 4	4.4	3.75	4.40	16.51
RAA15-G2	66	1,587	3 - 4	6.9	58.77	6.90	405.50
Totals:	--	8,890	--	--	329.28	--	427.04
					Volume-Weighted Average:		**1.30**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-2	56	347	4 - 5	**0.025**	12.85	0.03	0.32
FP-3	58	2,962	4 - 5	0.38	109.71	0.38	41.69
FP-4	41	447	4 - 5	**0.025**	16.57	0.03	0.41
RAA15-D2	53	1,865	4 - 5	**0.0195**	69.07	0.02	1.35
RAA15-E1	43	71	4 - 5	**0.02**	2.64	0.02	0.05
RAA15-E2	60	2,722	4 - 5	**0.0185**	100.83	0.02	1.87
RAA15-E4	54	90	4 - 5	4.4	3.32	4.40	14.61
RAA15-G2	46	386	4 - 5	6.9	14.28	6.90	98.56
Totals:	--	8,890	--	--	329.28	--	158.86
					Volume-Weighted Average:		**0.48**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-2	48	347	5 - 6	**0.025**	12.85	0.03	0.32
FP-3	50	2,962	5 - 6	0.38	109.71	0.38	41.69
FP-4	33	447	5 - 6	**0.025**	16.57	0.03	0.41
RAA15-D2	45	1,865	5 - 6	**0.0195**	69.07	0.02	1.35
RAA15-E1	35	71	5 - 6	**0.02**	2.64	0.02	0.05
RAA15-E2	52	2,722	5 - 6	**0.0185**	100.83	0.02	1.87
RAA15-E4	46	90	5 - 6	4.4	3.32	4.40	14.61
RAA15-G2	38	386	5 - 6	6.9	14.28	6.90	98.56
Totals:	--	8,890	--	--	329.28	--	158.86
					Volume-Weighted Average:		**0.48**

SUMMARY- 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	1,646.38	--	2,218.14
					Volume-Weighted Average:		**1.35**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-4
EXISTING CONDITIONS
PARCEL K10-13-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (D-1)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	329.28	--	156.50
					Volume-Weighted Average:		**0.48**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-3)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,890	--	--	1646.38	--	2,218.14
					Volume-Weighted Average:		**1.35**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-2	49	347	6 - 7	**0.025**	12.85	0.03	0.32
FP-3	51	2,962	6 - 7	0.38	109.71	0.38	41.69
FP-4	34	447	6 - 7	**0.025**	16.57	0.03	0.41
RAA15-D2	46	1,865	6 - 7	**0.01875**	69.07	0.02	1.30
RAA15-E1	36	71	6 - 7	0.01075	2.64	0.01	0.03
RAA15-E2	53	2,722	6 - 7	**0.018**	100.83	0.02	1.81
RAA15-E4	47	90	6 - 7	0.178	3.32	0.18	0.59
RAA15-G2	39	386	6 - 7	3.4	14.28	3.40	48.57
Totals:	--	8,890	--	--	329.28	--	95
					Volume-Weighted Average:		**0.29**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-2	48	347	7 - 8	**0.025**	12.85	0.03	0.32
FP-3	50	2,962	7 - 8	0.38	109.71	0.38	41.69
FP-4	33	447	7 - 8	**0.025**	16.57	0.03	0.41
RAA15-D2	45	1,865	7 - 8	**0.01875**	69.07	0.02	1.30
RAA15-E1	35	71	7 - 8	0.01075	2.64	0.01	0.03
RAA15-E2	52	2,722	7 - 8	**0.018**	100.83	0.02	1.81
RAA15-E4	46	90	7 - 8	0.178	3.32	0.18	0.59
RAA15-G2	38	386	7 - 8	3.4	14.28	3.40	48.57
Totals:	--	8,890	--	--	329.28	--	95
					Volume-Weighted Average:		**0.29**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	34	2,066	8 - 9	**0.01875**	76.51	0.02	1.43
RAA15-E1	24	260	8 - 9	0.01075	9.63	0.01	0.10
RAA15-E2	36	4,876	8 - 9	**0.018**	180.61	0.02	3.25
RAA15-E4	35	101	8 - 9	0.178	3.75	0.18	0.67
RAA15-G2	38	1,587	8 - 9	3.4	58.77	3.40	199.81
Totals:	--	8,890	--	--	329.28	--	205
					Volume-Weighted Average:		**0.62**

TABLE D-4
EXISTING CONDITIONS
PARCEL K10-13-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	32	2,066	9 - 10	**0.01875**	76.51	0.02	1.43
RAA15-E1	22	260	9 - 10	0.01075	9.63	0.01	0.10
RAA15-E2	34	4,876	9 - 10	**0.018**	180.61	0.02	3.25
RAA15-E4	33	101	9 - 10	0.178	3.75	0.18	0.67
RAA15-G2	36	1,587	9 - 10	3.4	58.77	3.40	199.81
Totals:	--	8,890	--	--	329.28	--	205
					Volume-Weighted Average:		**0.62**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	30	2,066	10 - 11	0.096	76.51	0.10	7.35
RAA15-E1	20	260	10 - 11	**0.02**	9.63	0.02	0.19
RAA15-E2	32	4,876	10 - 11	**0.019**	180.61	0.02	3.43
RAA15-E4	31	101	10 - 11	0.25	3.75	0.25	0.94
RAA15-G2	34	1,587	10 - 11	**0.0235**	58.77	0.02	1.38
Totals:	--	8,890	--	--	329.28	--	13
					Volume-Weighted Average:		**0.04**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	30	2,066	11 - 12	0.096	76.51	0.10	7.35
RAA15-E1	20	260	11 - 12	**0.02**	9.63	0.02	0.19
RAA15-E2	32	4,876	11 - 12	**0.019**	180.61	0.02	3.43
RAA15-E4	31	101	11 - 12	0.25	3.75	0.25	0.94
RAA15-G2	34	1,587	11 - 12	**0.0235**	58.77	0.02	1.38
Totals:	--	8,890	--	--	329.28	--	13
					Volume-Weighted Average:		**0.04**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	26	2,066	12 - 13	0.096	76.51	0.10	7.35
RAA15-E1	19	260	12 - 13	**0.02**	9.63	0.02	0.19
RAA15-E2	28	4,876	12 - 13	**0.019**	180.61	0.02	3.43
RAA15-E4	27	101	12 - 13	0.25	3.75	0.25	0.94
RAA15-G2	30	1,587	12 - 13	**0.0235**	58.77	0.02	1.38
Totals:	--	8,890	--	--	329.28	--	13
					Volume-Weighted Average:		**0.04**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	26	2,066	13 - 14	0.096	76.51	0.10	7.35
RAA15-E1	19	260	13 - 14	**0.02**	9.63	0.02	0.19
RAA15-E2	28	4,876	13 - 14	**0.019**	180.61	0.02	3.43
RAA15-E4	27	101	13 - 14	0.25	3.75	0.25	0.94
RAA15-G2	30	1,587	13 - 14	**0.0235**	58.77	0.02	1.38
Totals:	--	8,890	--	--	329.28	--	13
					Volume-Weighted Average:		**0.04**

TABLE D-4
EXISTING CONDITIONS
PARCEL K10-13-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D2	26	2,066	14 - 15	0.096	76.51	0.10	7.35
RAA15-E1	19	260	14 - 15	**0.02**	9.63	0.02	0.19
RAA15-E2	28	4,876	14 - 15	**0.019**	180.61	0.02	3.43
RAA15-E4	27	101	14 - 15	0.25	3.75	0.25	0.94
RAA15-G2	30	1,587	14 - 15	**0.0235**	58.77	0.02	1.38
Totals:	--	8,890	--	--	329.28	--	13
					Volume-Weighted Average:		**0.04**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Weighting Factor	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Weighting Factor
Totals:	--	8,890	--	--	4939.14	--	3,041.07
					Volume-Weighted Average:		**0.62**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-12-1

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TABLE D-5
EXISTING CONDITIONS
PARCEL K10-12-1 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E3	131	445	0 - 0.5	0.094	8.23	0.09	0.77
RAA15-E4	121	331	0 - 0.5	0.46	6.12	0.46	2.82
RAA15-E5	123	76	0 - 0.5	0.38	1.41	0.38	0.54
RAA15-F3	85,113	1,430	0 - 0.5	0.178	26.48	0.18	4.71
RAA15-F4	38,86	1,211	0 - 0.5	0.133	22.42	0.13	2.98
RAA15-F5	87,124	2,027	0 - 0.5	0.49	37.54	0.49	18.40
RAA15-F6	125	293	0 - 0.5	0.47	5.43	0.47	2.55
RAA15-G2	227	12	0 - 0.5	3.3	0.23	3.30	0.76
RAA15-G3	118	2,009	0 - 0.5	0.3	37.20	0.30	11.16
RAA15-G4	40,92	1,510	0 - 0.5	0.066	27.97	0.07	1.85
RAA15-G5	127	1,488	0 - 0.5	2.18	27.55	2.18	60.07
RAA15-H3	224,225	12	0 - 0.5	1.54	0.22	1.54	0.34
RAA15-H4	104	1,744	0 - 0.5	7.2	32.31	7.20	232.60
RAA15-H5	129	990	0 - 0.5	0.037	18.33	0.04	0.68
RAA15-J3	106	20	0 - 0.5	0.094	0.38	0.09	0.04
RAA15-J4	108	1,303	0 - 0.5	0.179	24.13	0.18	4.32
Totals:	--	14,901	--	--	275.95	--	344.57
					Volume-Weighted Average:		**1.25**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E3	135	445	0.5 - 1	0.094	8.23	0.09	0.77
RAA15-E4	125	331	0.5 - 1	0.46	6.12	0.46	2.82
RAA15-E5	127	76	0.5 - 1	0.38	1.41	0.38	0.54
RAA15-F3	85,117	1,430	0.5 - 1	0.178	26.48	0.18	4.71
RAA15-F4	38,86	1,211	0.5 - 1	0.133	22.42	0.13	2.98
RAA15-F5	87,128	2,027	0.5 - 1	0.49	37.54	0.49	18.40
RAA15-F6	129	293	0.5 - 1	0.47	5.43	0.47	2.55
RAA15-G2	227	12	0.5 - 1	3.3	0.23	3.30	0.76
RAA15-G3	122	2,009	0.5 - 1	0.3	37.20	0.30	11.16
RAA15-G4	40,92	1,510	0.5 - 1	0.066	27.97	0.07	1.85
RAA15-G5	131	1,488	0.5 - 1	2.18	27.55	2.18	60.07
RAA15-H3	224,225	12	0.5 - 1	1.54	0.22	1.54	0.34
RAA15-H4	108	1,744	0.5 - 1	7.2	32.31	7.20	232.60
RAA15-H5	133	990	0.5 - 1	0.037	18.33	0.04	0.68
RAA15-J3	110	20	0.5 - 1	0.094	0.38	0.09	0.04
RAA15-J4	112	1,303	0.5 - 1	0.179	24.13	0.18	4.32
Totals:	--	14,901	--	--	275.95	--	344.57
					Volume-Weighted Average:		**1.25**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	551.90	--	689.14
					Volume-Weighted Average:		**1.25**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-6
EXISTING CONDITIONS
PARCEL K10-12-1 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-5)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	-	--	551.90	--	689.14
					Volume-Weighted Average:		**1.25**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E2	111	175	1 - 2	2	6.49	2.00	12.97
RAA15-E4	76	3,058	1 - 2	14.9	113.24	14.90	1,687.35
RAA15-E6	68	469	1 - 2	0.21	17.38	0.21	3.65
RAA15-G2	66	1,144	1 - 2	5.2	42.36	5.20	220.27
RAA15-G4	72	6,105	1 - 2	0.115	226.11	0.12	26.00
RAA15-G6	70	1,086	1 - 2	0.028	40.22	0.03	1.13
RAA15-J4	74	2,865	1 - 2	0.048	106.10	0.05	5.09
Totals:	--	14,901	-	--	551.90	--	1,956.47
					Volume-Weighted Average:		**3.54**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E2	111	175	2 - 3	2	6.49	2.00	12.97
RAA15-E4	76	3,058	2 - 3	14.9	113.24	14.90	1,687.35
RAA15-E6	68	469	2 - 3	0.21	17.38	0.21	3.65
RAA15-G2	66	1,144	2 - 3	5.2	42.36	5.20	220.27
RAA15-G4	72	6,105	2 - 3	0.115	226.11	0.12	26.00
RAA15-G6	70	1,086	2 - 3	0.028	40.22	0.03	1.13
RAA15-J4	74	2,865	2 - 3	0.048	106.10	0.05	5.09
Totals:	--	14,901	-	--	551.90	--	1,956.47
					Volume-Weighted Average:		**3.54**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	1,655.71	--	4,602.08
					Volume-Weighted Average:		**2.78**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-7
EXISTING CONDITIONS
PARCEL K10-12-1 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 3-FOOT DEPTH INCREMENT (TABLE D-6)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	1,103.81	--	3,912.94
					Volume-Weighted Average:		**3.54**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E2	109	175	3 - 4	**0.0185**	6.49	0.02	0.12
RAA15-E4	75	3,058	3 - 4	4.4	113.24	4.40	498.28
RAA15-E6	67	469	3 - 4	0.61	17.38	0.61	10.60
RAA15-G2	65	1,144	3 - 4	6.9	42.36	6.90	292.29
RAA15-G4	71	6,105	3 - 4	0.045	226.11	0.05	10.18
RAA15-G6	69	1,086	3 - 4	0.015	40.22	0.02	0.60
RAA15-J4	73	2,865	3 - 4	**0.0195**	106.10	0.02	2.07
Totals:	--	14,901	--	--	551.90	--	814.13
					Volume-Weighted Average:		**1.48**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	37	67	4 - 5	**0.025**	2.50	0.03	0.06
FP-2	55	2,072	4 - 5	**0.025**	76.72	0.03	1.92
FP-3	57	733	4 - 5	0.38	27.13	0.38	10.31
RAA15-E4	65	2,153	4 - 5	4.4	79.73	4.40	350.79
RAA15-G4	126	1,722	4 - 5	0.045	63.77	0.05	2.87
RAA15-G4	127	59	4 - 5	0.045	2.19	0.05	0.10
RAA15-J4	49	2,109	4 - 5	**0.0195**	78.12	0.02	1.52
SA-1	61	3,100	4 - 5	**0.025**	114.83	0.03	2.87
SA-2	63	2,887	4 - 5	0.13	106.91	0.13	13.90
Totals:	--	14,901	--	--	551.90	--	384.35
					Volume-Weighted Average:		**0.70**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	29	67	5 - 6	**0.025**	2.50	0.03	0.06
FP-2	47	2,072	5 - 6	**0.025**	76.72	0.03	1.92
FP-3	49	733	5 - 6	0.38	27.13	0.38	10.31
RAA15-E4	57	2,153	5 - 6	4.4	79.73	4.40	350.79
RAA15-G4	117	1,722	5 - 6	0.045	63.77	0.05	2.87
RAA15-G4	118	59	5 - 6	0.045	2.19	0.05	0.10
RAA15-J4	41	2,109	5 - 6	**0.0195**	78.12	0.02	1.52
SA-1	53	3,100	5 - 6	**0.025**	114.83	0.03	2.87
SA-2	55	2,887	5 - 6	0.13	106.91	0.13	13.90
Totals:	--	14,901	--	--	551.90	--	384.35
					Volume-Weighted Average:		**0.70**

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	2,759.52	--	5,495.76
					Volume-Weighted Average:		**1.99**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-8
EXISTING CONDITIONS
PARCEL K10-12-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-5)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	551.90	--	689.14
					Volume-Weighted Average:		**1.25**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-7)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	2,759.52	--	5,495.76
					Volume-Weighted Average:		**1.99**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	30	67	6 - 7	**0.025**	2.50	0.03	0.06
FP-2	48	2,072	6 - 7	**0.025**	76.72	0.03	1.92
FP-3	50	733	6 - 7	0.38	27.13	0.38	10.31
RAA15-E4	58	2,153	6 - 7	0.178	79.73	0.18	14.19
RAA15-G4	118	1,722	6 - 7	0.066	63.77	0.07	4.21
RAA15-G4	119	59	6 - 7	0.066	2.19	0.07	0.14
RAA15-J4	42	2,109	6 - 7	0.013	78.12	0.01	1.02
SA-1	54	3,100	6 - 7	**0.025**	114.83	0.03	2.87
SA-2	56	2,887	6 - 7	0.13	106.91	0.13	13.90
Totals:	--	14,901	--	--	551.90	--	48.62
					Volume-Weighted Average:		**0.09**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	29	67	7 - 8	**0.025**	2.50	0.03	0.06
FP-2	47	2,072	7 - 8	**0.025**	76.72	0.03	1.92
FP-3	49	733	7 - 8	0.38	27.13	0.38	10.31
RAA15-E4	57	2,153	7 - 8	0.178	79.73	0.18	14.19
RAA15-G4	115	1,722	7 - 8	0.066	63.77	0.07	4.21
RAA15-G4	116	59	7 - 8	0.066	2.19	0.07	0.14
RAA15-J4	41	2,109	7 - 8	0.013	78.12	0.01	1.02
SA-1	53	3,100	7 - 8	**0.025**	114.83	0.03	2.87
SA-2	55	2,887	7 - 8	0.13	106.91	0.13	13.90
Totals:	--	14,901	--	--	551.90	--	48.62
					Volume-Weighted Average:		**0.09**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	95	42	8 - 9	**0.025**	1.55	0.03	0.04
FP-1	96	67	8 - 9	**0.025**	2.50	0.03	0.06
RAA15-E2	97	175	8 - 9	**0.018**	6.49	0.02	0.12
RAA15-E4	43	2,440	8 - 9	0.178	90.36	0.18	16.08
RAA15-G2	37	1,131	8 - 9	3.4	41.89	3.40	142.43
RAA15-G4	28	2,950	8 - 9	0.066	109.26	0.07	7.21
RAA15-J4	30	2,109	8 - 9	0.013	78.12	0.01	1.02
SA-1	39	3,100	8 - 9	0.05	114.83	0.05	5.74
SA-2	41	2,887	8 - 9	**0.025**	106.91	0.03	2.67
Totals:	--	14,901	--	--	551.90	--	175.37
					Volume-Weighted Average:		**0.32**

TABLE D-8
EXISTING CONDITIONS
PARCEL K10-12-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	92	42	9 - 10	**0.025**	1.55	0.03	0.04
FP-1	93	67	9 - 10	**0.025**	2.50	0.03	0.06
RAA15-E2	94	175	9 - 10	**0.018**	6.49	0.02	0.12
RAA15-E4	41	2,440	9 - 10	0.178	90.36	0.18	16.08
RAA15-G2	35	1,131	9 - 10	3.4	41.89	3.40	142.43
RAA15-G4	26	2,950	9 - 10	0.066	109.26	0.07	7.21
RAA15-J4	28	2,109	9 - 10	0.013	78.12	0.01	1.02
SA-1	37	3,100	9 - 10	0.05	114.83	0.05	5.74
SA-2	39	2,887	9 - 10	**0.025**	106.91	0.03	2.67
Totals:	--	14,901	--	--	551.90	--	175.37
					Volume-Weighted Average:		**0.32**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	89	42	10 - 11	**0.025**	1.55	0.03	0.04
FP-1	90	67	10 - 11	**0.025**	2.50	0.03	0.06
RAA15-E2	91	175	10 - 11	**0.019**	6.49	0.02	0.12
RAA15-E4	39	2,440	10 - 11	0.25	90.36	0.25	22.59
RAA15-G2	33	1,131	10 - 11	**0.0235**	41.89	0.02	0.98
RAA15-G4	24	2,950	10 - 11	0.202	109.26	0.20	22.07
RAA15-J4	26	2,109	10 - 11	**0.019**	78.12	0.02	1.48
SA-1	35	3,100	10 - 11	0.05	114.83	0.05	5.74
SA-2	37	2,887	10 - 11	**0.025**	106.91	0.03	2.67
Totals:	--	14,901	--	--	551.90	--	55.77
					Volume-Weighted Average:		**0.10**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	86	42	11 - 12	**0.025**	1.55	0.03	0.04
FP-1	87	67	11 - 12	**0.025**	2.50	0.03	0.06
RAA15-E2	88	175	11 - 12	**0.019**	6.49	0.02	0.12
RAA15-E4	39	2,440	11 - 12	0.25	90.36	0.25	22.59
RAA15-G2	33	1,131	11 - 12	**0.0235**	41.89	0.02	0.98
RAA15-G4	24	2,950	11 - 12	0.202	109.26	0.20	22.07
RAA15-J4	26	2,109	11 - 12	**0.019**	78.12	0.02	1.48
SA-1	35	3,100	11 - 12	0.05	114.83	0.05	5.74
SA-2	37	2,887	11 - 12	**0.025**	106.91	0.03	2.67
Totals:	--	14,901	--	--	551.90	--	55.77
					Volume-Weighted Average:		**0.10**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	84	42	12 - 13	**0.025**	1.55	0.03	0.04
FP-1	85	71	12 - 13	**0.025**	2.62	0.03	0.07
RAA15-E2	86	175	12 - 13	**0.019**	6.49	0.02	0.12
RAA15-E4	39	3,058	12 - 13	0.25	113.24	0.25	28.31
RAA15-E6	31	469	12 - 13	**0.021**	17.38	0.02	0.36
RAA15-G2	29	1,131	12 - 13	**0.0235**	41.89	0.02	0.98
RAA15-G4	35	6,076	12 - 13	0.202	225.03	0.20	45.46
RAA15-G6	33	1,086	12 - 13	**0.0235**	40.22	0.02	0.95
RAA15-J4	37	2,794	12 - 13	**0.019**	103.48	0.02	1.97
Totals:	--	14,901	--	--	551.90	--	78.26
					Volume-Weighted Average:		**0.14**

TABLE D-8
EXISTING CONDITIONS
PARCEL K10-12-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	84	42	13 - 14	**0.025**	1.55	0.03	0.04
FP-1	85	71	13 - 14	**0.025**	2.62	0.03	0.07
RAA15-E2	86	175	13 - 14	**0.019**	6.49	0.02	0.12
RAA15-E4	39	3,058	13 - 14	0.25	113.24	0.25	28.31
RAA15-E6	31	469	13 - 14	**0.021**	17.38	0.02	0.36
RAA15-G2	29	1,131	13 - 14	**0.0235**	41.89	0.02	0.98
RAA15-G4	35	6,076	13 - 14	0.202	225.03	0.20	45.46
RAA15-G6	33	1,086	13 - 14	**0.0235**	40.22	0.02	0.95
RAA15-J4	37	2,794	13 - 14	**0.019**	103.48	0.02	1.97
Totals:	--	14,901	--	--	551.90	--	78.26
					Volume-Weighted Average:		**0.14**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	84	42	14 - 15	**0.025**	1.55	0.03	0.04
FP-1	85	71	14 - 15	**0.025**	2.62	0.03	0.07
RAA15-E2	86	175	14 - 15	**0.019**	6.49	0.02	0.12
RAA15-E4	39	3,058	14 - 15	0.25	113.24	0.25	28.31
RAA15-E6	31	469	14 - 15	**0.021**	17.38	0.02	0.36
RAA15-G2	29	1,131	14 - 15	**0.0235**	41.89	0.02	0.98
RAA15-G4	35	6,076	14 - 15	0.202	225.03	0.20	45.46
RAA15-G6	33	1,086	14 - 15	**0.0235**	40.22	0.02	0.95
RAA15-J4	37	2,794	14 - 15	**0.019**	103.48	0.02	1.97
Totals:	--	14,901	--	--	551.90	--	78.26
					Volume-Weighted Average:		**0.14**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,901	--	--	8,278.55	--	6,979.18
					Volume-Weighted Average:		**0.84**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-11-1

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TABLE D-9
EXISTING CONDITIONS
PARCEL K10-11-1 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B6	132,245	573	0 - 0.5	1.2	10.61	1.20	12.74
RAA15-C4	19,69	1,449	0 - 0.5	0.177	26.84	0.18	4.75
RAA15-C5	141,230,231	2,568	0 - 0.5	0.29	47.56	0.29	13.79
RAA15-C6	232,233,234,237,238	200	0 - 0.5	5.7	3.70	5.70	21.08
RAA15-D3	110,115	1,981	0 - 0.5	0.4	36.69	0.40	14.68
RAA15-D4	32,77	2,483	0 - 0.5	**0.018**	45.97	0.02	0.83
RAA15-D5	204,219	1,815	0 - 0.5	1.29	33.61	1.29	43.35
RAA15-D6	78,235,236	441	0 - 0.5	1.54	8.16	1.54	12.57
RAA15-E3	79,130	863	0 - 0.5	0.094	15.99	0.09	1.50
RAA15-E4	80,120	1,979	0 - 0.5	0.46	36.65	0.46	16.86
RAA15-E5	122	2,368	0 - 0.5	0.38	43.86	0.38	16.67
RAA15-E6	136	1,840	0 - 0.5	0.97	34.07	0.97	33.05
RAA15-F5	228	229	0 - 0.5	0.49	4.24	0.49	2.08
RAA15-F6	143	910	0 - 0.5	0.47	16.85	0.47	7.92
RAA15-F7	138	2	0 - 0.5	0.34	0.03	0.34	0.01
Totals:	--	19,701	--	--	364.83	--	201.87
					Volume-Weighted Average:		**0.55**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B6	136,245	573	0.5 - 1	1.2	10.61	1.20	12.74
RAA15-C4	19,69	1,449	0.5 - 1	0.177	26.84	0.18	4.75
RAA15-C5	145,230,231	2,568	0.5 - 1	0.29	47.56	0.29	13.79
RAA15-C6	232,233,234,237,238	200	0.5 - 1	5.7	3.70	5.70	21.08
RAA15-D3	114,119	1,981	0.5 - 1	0.4	36.69	0.40	14.68
RAA15-D4	32,77	2,483	0.5 - 1	**0.018**	45.97	0.02	0.83
RAA15-D5	204,219	1,815	0.5 - 1	1.29	33.61	1.29	43.35
RAA15-D6	78,235,236	441	0.5 - 1	1.54	8.16	1.54	12.57
RAA15-E3	79,134	863	0.5 - 1	0.094	15.99	0.09	1.50
RAA15-E4	80,124	1,979	0.5 - 1	0.46	36.65	0.46	16.86
RAA15-E5	126	2,368	0.5 - 1	0.38	43.86	0.38	16.67
RAA15-E6	140	1,840	0.5 - 1	0.97	34.07	0.97	33.05
RAA15-F5	228	229	0.5 - 1	0.49	4.24	0.49	2.08
RAA15-F6	147	910	0.5 - 1	0.47	16.85	0.47	7.92
RAA15-F7	142	2	0.5 - 1	0.34	0.03	0.34	0.01
Totals:	--	19,701	--	--	364.83	--	201.87
					Volume-Weighted Average:		**0.55**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	729.66	--	403.74
					Volume-Weighted Average:		**0.55**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-10
EXISTING CONDITIONS
PARCEL K10-11-1 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-9)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	729.66	--	403.74
					Volume-Weighted Average:		**0.55**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	31	5,128	1 - 2	0.132	189.93	0.13	25.07
RAA15-C6	113,114	2,321	1 - 2	3.3	85.95	3.30	283.64
RAA15-D2	62	911	1 - 2	0.18	33.74	0.18	6.07
RAA15-E2	112	143	1 - 2	2	5.28	2.00	10.57
RAA15-E4	75	6,395	1 - 2	14.9	236.83	14.90	3,528.84
RAA15-E6	77	4,804	1 - 2	0.21	177.93	0.21	37.36
Totals:	--	19,701	--	--	729.67	--	3,891.56
					Volume-Weighted Average:		**5.33**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	8	5,128	2 - 3	0.132	189.93	0.13	25.07
RAA15-C6	113,114	2,321	2 - 3	3.3	85.95	3.30	283.64
RAA15-D2	62	911	2 - 3	0.18	33.74	0.18	6.07
RAA15-E2	112	143	2 - 3	2	5.28	2.00	10.57
RAA15-E4	75	6,395	2 - 3	14.9	236.83	14.90	3,528.84
RAA15-E6	78	4,804	2 - 3	0.21	177.93	0.21	37.36
Totals:	--	19,701	--	--	729.67	--	3,891.56
					Volume-Weighted Average:		**5.33**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	2,189.01	--	8,186.85
					Volume-Weighted Average:		**3.74**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-11
EXISTING CONDITIONS
PARCEL K10-11-1 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 3-FOOT DEPTH INCREMENT (TABLE D-10)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	1,459.34	--	7,783.11
					Volume-Weighted Average:		**5.33**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	7	5,128	3 - 4	0.139	189.93	0.14	26.40
RAA15-C6	111,112	2,321	3 - 4	4.5	85.95	4.50	386.78
RAA15-D2	61	911	3 - 4	**0.0195**	33.74	0.02	0.66
RAA15-E2	110	143	3 - 4	**0.0185**	5.28	0.02	0.10
RAA15-E4	74	6,395	3 - 4	4.4	236.83	4.40	1,042.07
RAA15-E6	77	4,804	3 - 4	0.61	177.93	0.61	108.54
Totals:	--	19,701	--	--	729.67	--	1,564.55
					Volume-Weighted Average:		**2.14**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	8	3,714	4 - 5	0.139	137.55	0.14	19.12
RAA15-C6	128,129	602	4 - 5	4.5	22.28	4.50	100.25
RAA15-D2	52	911	4 - 5	**0.0195**	33.74	0.02	0.66
RAA15-E2	59	143	4 - 5	**0.0185**	5.28	0.02	0.10
RAA15-E4	64	6,184	4 - 5	4.4	229.04	4.40	1,007.79
RAA15-E6	68	4,034	4 - 5	0.61	149.40	0.61	91.13
SA-1	71	971	4 - 5	**0.025**	35.97	0.03	0.90
YB-4	69	535	4 - 5	**0.025**	19.83	0.03	0.50
YB-5	13	2,608	4 - 5	0.08	96.57	0.08	7.73
Totals:	--	19,701	--	--	729.67	--	1,228.17
					Volume-Weighted Average:		**1.68**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	8	3,714	5 - 6	0.139	137.55	0.14	19.12
RAA15-C6	119,120	602	5 - 6	4.5	22.28	4.50	100.25
RAA15-D2	44	911	5 - 6	**0.0195**	33.74	0.02	0.66
RAA15-E2	51	143	5 - 6	**0.0185**	5.28	0.02	0.10
RAA15-E4	56	6,184	5 - 6	4.4	229.04	4.40	1,007.79
RAA15-E6	60	4,034	5 - 6	0.61	149.40	0.61	91.13
SA-1	63	971	5 - 6	**0.025**	35.97	0.03	0.90
YB-4	61	535	5 - 6	**0.025**	19.83	0.03	0.50
YB-5	13	2,608	5 - 6	0.08	96.57	0.08	7.73
Totals:	--	19,701	--	--	729.67	--	1,228.17
					Volume-Weighted Average:		**1.68**

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	3,648.36	--	11,803.99
					Volume-Weighted Average:		**3.24**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-12
EXISTING CONDITIONS
PARCEL K10-11-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-9)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	729.66	--	403.74
					Volume-Weighted Average:		**0.55**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-11)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	3,648.36	--	11,803.99
					Volume-Weighted Average:		**3.24**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	9	3,714	6 - 7	0.027	137.55	0.03	3.71
RAA15-C6	120,121	602	6 - 7	1.95	22.28	1.95	43.44
RAA15-D2	45	911	6 - 7	**0.01875**	33.74	0.02	0.63
RAA15-E2	52	143	6 - 7	**0.018**	5.28	0.02	0.10
RAA15-E4	57	6,184	6 - 7	0.178	229.04	0.18	40.77
RAA15-E6	61	4,034	6 - 7	0.082	149.40	0.08	12.25
SA-1	64	971	6 - 7	**0.025**	35.97	0.03	0.90
YB-4	62	535	6 - 7	**0.025**	19.83	0.03	0.50
YB-5	14	2,608	6 - 7	0.08	96.57	0.08	7.73
Totals:	--	19,701	--	--	729.67	--	110.03
					Volume-Weighted Average:		**0.15**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	9	3,714	7 - 8	0.027	137.55	0.03	3.71
RAA15-C6	117,118	602	7 - 8	1.95	22.28	1.95	43.44
RAA15-D2	44	911	7 - 8	**0.01875**	33.74	0.02	0.63
RAA15-E2	51	143	7 - 8	**0.018**	5.28	0.02	0.10
RAA15-E4	56	6,184	7 - 8	0.178	229.04	0.18	40.77
RAA15-E6	59	4,034	7 - 8	0.082	149.40	0.08	12.25
SA-1	62	971	7 - 8	**0.025**	35.97	0.03	0.90
YB-4	61	535	7 - 8	**0.025**	19.83	0.03	0.50
YB-5	14	2,608	7 - 8	0.08	96.57	0.08	7.73
Totals:	--	19,701	--	--	729.67	--	110.03
					Volume-Weighted Average:		**0.15**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	8	5,128	8 - 9	0.027	189.93	0.03	5.13
RAA15-C6	99,100	2,321	8 - 9	1.95	85.95	1.95	167.61
RAA15-D2	33	911	8 - 9	**0.01875**	33.74	0.02	0.63
RAA15-E2	98	143	8 - 9	**0.018**	5.28	0.02	0.10
RAA15-E4	42	6,190	8 - 9	0.178	229.26	0.18	40.81
RAA15-E6	45	4,037	8 - 9	0.082	149.53	0.08	12.26
SA-1	47	971	8 - 9	0.05	35.97	0.05	1.80
Totals:	--	19,701	--	--	729.67	--	228.33
					Volume-Weighted Average:		**0.31**

TABLE D-12
EXISTING CONDITIONS
PARCEL K10-11-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C4	8	5,128	9 - 10	0.027	189.93	0.03	5.13
RAA15-C6	96,97	2,321	9 - 10	1.95	85.95	1.95	167.61
RAA15-D2	31	911	9 - 10	**0.01875**	33.74	0.02	0.63
RAA15-E2	95	143	9 - 10	**0.018**	5.28	0.02	0.10
RAA15-E4	40	6,190	9 - 10	0.178	229.26	0.18	40.81
RAA15-E6	42	4,037	9 - 10	0.082	149.53	0.08	12.26
SA-1	44	971	9 - 10	0.05	35.97	0.05	1.80
Totals:	--	19,701	--	--	729.67	--	228.33
					Volume-Weighted Average:		**0.31**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	40	37	10 - 11	**0.0195**	1.36	0.02	0.03
RAA15-C4	42	7,320	10 - 11	**0.0175**	271.10	0.02	4.74
RAA15-D2	29	911	10 - 11	0.096	33.74	0.10	3.24
RAA15-E2	92	143	10 - 11	**0.019**	5.28	0.02	0.10
RAA15-E4	38	6,190	10 - 11	0.25	229.26	0.25	57.31
RAA15-E6	93,94	4,130	10 - 11	**0.021**	152.96	0.02	3.21
SA-1	45	971	10 - 11	0.05	35.97	0.05	1.80
Totals:	--	19,701	--	--	729.67	--	70.44
					Volume-Weighted Average:		**0.10**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	40	37	11 - 12	**0.0195**	1.36	0.02	0.03
RAA15-C4	42	7,320	11 - 12	**0.0175**	271.10	0.02	4.74
RAA15-D2	29	911	11 - 12	0.096	33.74	0.10	3.24
RAA15-E2	89	143	11 - 12	**0.019**	5.28	0.02	0.10
RAA15-E4	38	6,190	11 - 12	0.25	229.26	0.25	57.31
RAA15-E6	90,91	4,130	11 - 12	**0.021**	152.96	0.02	3.21
SA-1	45	971	11 - 12	0.05	35.97	0.05	1.80
Totals:	--	19,701	--	--	729.67	--	70.44
					Volume-Weighted Average:		**0.10**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	40	37	12 - 13	**0.0195**	1.36	0.02	0.03
RAA15-C4	42	7,320	12 - 13	**0.0175**	271.10	0.02	4.74
RAA15-D2	25	911	12 - 13	0.096	33.74	0.10	3.24
RAA15-E2	87	143	12 - 13	**0.019**	5.28	0.02	0.10
RAA15-E4	38	6,395	12 - 13	0.25	236.83	0.25	59.21
RAA15-E6	88,89	4,896	12 - 13	**0.021**	181.35	0.02	3.81
Totals:	--	19,701	--	--	729.67	--	71.13
					Volume-Weighted Average:		**0.10**

TABLE D-12
EXISTING CONDITIONS
PARCEL K10-11-1 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	40	37	13 - 14	**0.0195**	1.36	0.02	0.03
RAA15-C4	42	7,320	13 - 14	**0.0175**	271.10	0.02	4.74
RAA15-D2	25	911	13 - 14	0.096	33.74	0.10	3.24
RAA15-E2	87	143	13 - 14	**0.019**	5.28	0.02	0.10
RAA15-E4	38	6,395	13 - 14	0.25	236.83	0.25	59.21
RAA15-E6	88,89	4,896	13 - 14	**0.021**	181.35	0.02	3.81
Totals:	--	19,701	--	--	729.67	--	71.13
					Volume-Weighted Average:		**0.10**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	40	37	14 - 15	**0.0195**	1.36	0.02	0.03
RAA15-C4	42	7,320	14 - 15	**0.0175**	271.10	0.02	4.74
RAA15-D2	25	911	14 - 15	0.096	33.74	0.10	3.24
RAA15-E2	87	143	14 - 15	**0.019**	5.28	0.02	0.10
RAA15-E4	38	6,395	14 - 15	0.25	236.83	0.25	59.21
RAA15-E6	88,89	4,896	14 - 15	**0.021**	181.35	0.02	3.81
Totals:	--	19,701	--	--	729.67	--	71.13
					Volume-Weighted Average:		**0.10**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	19,701	--	--	10,945.07	--	13,238.70
					Volume-Weighted Average:		**1.21**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-11-2

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TABLE D-13
EXISTING CONDITIONS
PARCEL K10-11-2 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	7,55	985	0 - 0.5	0.088	18.23	0.09	1.60
RAA15-A9	56	1,174	0 - 0.5	0.34	21.75	0.34	7.39
RAA15-A11	44	1,209	0 - 0.5	2.8	22.39	2.80	62.69
RAA15-A13	45	1,509	0 - 0.5	3.9	27.94	3.90	108.97
RAA15-A15	46	1,597	0 - 0.5	1.8	29.57	1.80	53.22
RAA15-A17	47,200	1,678	0 - 0.5	0.68	31.08	0.68	21.13
RAA15-A18	2,48	1,009	0 - 0.5	5.7	18.68	5.70	106.46
RAA15-B6	140,159,246	403	0 - 0.5	1.2	7.46	1.20	8.95
RAA15-B7	144,243,244	1,814	0 - 0.5	0.06	33.60	0.06	2.02
RAA15-B8	11,61	1,974	0 - 0.5	0.67	36.55	0.67	24.49
RAA15-B9	12,62	1,964	0 - 0.5	2.3	36.37	2.30	83.65
RAA15-B11	215	2,013	0 - 0.5	500	37.29	500.00	18,642.82
RAA15-B13	57	2,400	0 - 0.5	99	44.45	99.00	4,400.77
RAA15-B15	58	2,934	0 - 0.5	210	54.33	210.00	11,409.89
RAA15-B17	8,59	2,611	0 - 0.5	65	48.36	65.00	3,143.42
RAA15-B18	162	499	0 - 0.5	15	9.25	15.00	138.71
RAA15-C7	146	898	0 - 0.5	1.3	16.63	1.30	21.62
RAA15-C8	20	2,250	0 - 0.5	0.39	41.66	0.39	16.25
RAA15-C9	21,70	2,062	0 - 0.5	0.37	38.19	0.37	14.13
RAA15-C11	13,63	1,261	0 - 0.5	69	23.36	69.00	1,611.54
RAA15-C13	14,64	1,723	0 - 0.5	3.5	31.90	3.50	111.66
RAA15-C15	15,65	2,543	0 - 0.5	1	47.08	1.00	47.08
RAA15-C17	66,163	2,016	0 - 0.5	23	37.33	23.00	858.55
RAA15-C18	165	58	0 - 0.5	110	1.08	110.00	119.16
RAA15-D7	148	510	0 - 0.5	4.1	9.45	4.10	38.74
RAA15-D8	150	2,437	0 - 0.5	4.1	45.13	4.10	185.04
RAA15-D9	33	2,109	0 - 0.5	38	39.06	38.00	1,484.19
RAA15-D11	22	1,354	0 - 0.5	0.93	25.08	0.93	23.32
RAA15-D13	23,71	2,095	0 - 0.5	4.1	38.79	4.10	159.03
RAA15-D15	72,167	1,445	0 - 0.5	0.73	26.76	0.73	19.54
RAA15-D17	169	618	0 - 0.5	14	11.45	14.00	160.25
RAA15-E8	152	191	0 - 0.5	6.1	3.54	6.10	21.60
RAA15-E9	154	848	0 - 0.5	13.2	15.69	13.20	207.17
RAA15-E11	34	2,234	0 - 0.5	4.2	41.38	4.20	173.79
RAA15-E13	170	1,129	0 - 0.5	2.01	20.91	2.01	42.04
RAA15-F9	156	44	0 - 0.5	0.475	0.81	0.48	0.39
RAA15-F11	37	1,248	0 - 0.5	0.54	23.12	0.54	12.48
RAA15-F13	172	702	0 - 0.5	0.29	12.99	0.29	3.77
Totals:	--	55,549	--	--	1,028.69	--	43,547.52
					Volume-Weighted Average:		**42.33**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	7,55	985	0.5 - 1	0.088	18.23	0.09	1.60
RAA15-A9	56	1,174	0.5 - 1	0.34	21.75	0.34	7.39
RAA15-A11	44	1,209	0.5 - 1	2.8	22.39	2.80	62.69
RAA15-A13	45	1,509	0.5 - 1	3.9	27.94	3.90	108.97
RAA15-A15	46	1,597	0.5 - 1	1.8	29.57	1.80	53.22
RAA15-A17	47,200	1,678	0.5 - 1	0.68	31.08	0.68	21.13
RAA15-A18	2,48	1,009	0.5 - 1	5.7	18.68	5.70	106.46
RAA15-B6	144,163,246	403	0.5 - 1	1.2	7.46	1.20	8.95
RAA15-B7	148,243,244	1,814	0.5 - 1	0.06	33.60	0.06	2.02
RAA15-B8	11,61	1,974	0.5 - 1	0.67	36.55	0.67	24.49
RAA15-B9	12,62	1,964	0.5 - 1	2.3	36.37	2.30	83.65
RAA15-B11	215	2,013	0.5 - 1	500	37.29	500.00	18,642.82
RAA15-B13	57	2,400	0.5 - 1	99	44.45	99.00	4,400.77
RAA15-B15	58	2,934	0.5 - 1	210	54.33	210.00	11,409.89
RAA15-B17	8,59	2,611	0.5 - 1	65	48.36	65.00	3,143.42
RAA15-B18	166	499	0.5 - 1	15	9.25	15.00	138.71
RAA15-C7	150	898	0.5 - 1	1.3	16.63	1.30	21.62
RAA15-C8	20	2,250	0.5 - 1	0.39	41.66	0.39	16.25
RAA15-C9	21,70	2,062	0.5 - 1	0.37	38.19	0.37	14.13
RAA15-C11	13,63	1,261	0.5 - 1	69	23.36	69.00	1,611.54
RAA15-C13	14,64	1,723	0.5 - 1	3.5	31.90	3.50	111.66
RAA15-C15	15,65	2,543	0.5 - 1	1	47.08	1.00	47.08
RAA15-C17	66,167	2,016	0.5 - 1	23	37.33	23.00	858.55
RAA15-C18	169	58	0.5 - 1	110	1.08	110.00	119.16
RAA15-D7	152	510	0.5 - 1	4.1	9.45	4.10	38.74
RAA15-D8	154	2,437	0.5 - 1	4.1	45.13	4.10	185.04
RAA15-D9	33	2,109	0.5 - 1	38	39.06	38.00	1,484.19
RAA15-D11	22	1,354	0.5 - 1	0.93	25.08	0.93	23.32
RAA15-D13	23,71	2,095	0.5 - 1	4.1	38.79	4.10	159.03
RAA15-D15	72,171	1,445	0.5 - 1	0.73	26.76	0.73	19.54
RAA15-D17	173	618	0.5 - 1	14	11.45	14.00	160.25

TABLE D-13
EXISTING CONDITIONS
PARCEL K10-11-2 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT (con't)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E8	156	191	0.5 - 1	6.1	3.54	6.10	21.60
RAA15-E9	158	848	0.5 - 1	13.2	15.69	13.20	207.17
RAA15-E11	34	2,234	0.5 - 1	4.2	41.38	4.20	173.79
RAA15-E13	174	1,129	0.5 - 1	2.01	20.91	2.01	42.04
RAA15-F9	160	44	0.5 - 1	0.475	0.81	0.48	0.39
RAA15-F11	37	1,248	0.5 - 1	0.54	23.12	0.54	12.48
RAA15-F13	176	702	0.5 - 1	0.29	12.99	0.29	3.77
Totals:	--	55,549	--	--	1,028.69	--	43,547.52
					Volume-Weighted Average:		**42.33**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	2,057.39	--	87,095.04
					Volume-Weighted Average:		**42.33**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-14
EXISTING CONDITIONS
PARCEL K10-11-2 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-13)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	2,057.39	--	87,095.04
					Volume-Weighted Average:		**42.33**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	79	4,900	1 - 2	**0.017**	181.50	0.02	3.09
RAA15-A11	24	4,631	1 - 2	2.2	171.50	2.20	377.30
RAA15-A15	25	6,217	1 - 2	7.5	230.25	7.50	1,726.84
RAA15-A18	88	2,723	1 - 2	0.058	100.86	0.06	5.85
RAA15-C6	86	642	1 - 2	3.3	23.78	3.30	78.47
RAA15-C8	81	8,262	1 - 2	7.4	306.02	7.40	2,264.53
RAA15-C11	109,110	5,718	1 - 2	25	211.79	25.00	5,294.79
RAA15-C15	89	8,393	1 - 2	12	310.86	12.00	3,730.27
RAA15-C18	90	2,534	1 - 2	4	93.85	4.00	375.41
RAA15-E8	84	2,344	1 - 2	24	86.83	24.00	2,083.81
RAA15-E11	117	8,401	1 - 2	61	311.14	61.00	18,979.47
RAA15-E15	115,116	783	1 - 2	0.27	29.01	0.27	7.83
Totals:	--	55,549	--	--	2,057.38	--	34,927.67
					Volume-Weighted Average:		**16.98**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	79	4,900	2 - 3	**0.017**	181.50	0.02	3.09
RAA15-A11	1	4,631	2 - 3	2.2	171.50	2.20	377.30
RAA15-A15	2	6,217	2 - 3	7.5	230.25	7.50	1,726.84
RAA15-A18	88	2,723	2 - 3	0.058	100.86	0.06	5.85
RAA15-C6	86	642	2 - 3	3.3	23.78	3.30	78.47
RAA15-C8	81	8,262	2 - 3	7.4	306.02	7.40	2,264.53
RAA15-C11	109,110	5,718	2 - 3	25	211.79	25.00	5,294.79
RAA15-C15	89	8,393	2 - 3	12	310.86	12.00	3,730.27
RAA15-C18	90	2,534	2 - 3	4	93.85	4.00	375.41
RAA15-E8	84	2,344	2 - 3	24	86.83	24.00	2,083.81
RAA15-E11	117	8,401	2 - 3	61	311.14	61.00	18,979.47
RAA15-E15	115,116	783	2 - 3	0.27	29.01	0.27	7.83
Totals:	--	55,549	--	--	2,057.38	--	34,927.67
					Volume-Weighted Average:		**16.98**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	6,172.16	--	156,950.38
					Volume-Weighted Average:		**25.43**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-15
EXISTING CONDITIONS
PARCEL K10-11-2 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 3-FOOT DEPTH INCREMENT (TABLE D-14)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	4,114.77	--	69,855.34
					Volume-Weighted Average:		**16.98**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	78	5,974	3 - 4	**0.017**	221.27	0.02	3.76
RAA15-A15	1	7,147	3 - 4	0.013	264.71	0.01	3.44
RAA15-A18	87	2,723	3 - 4	0.018	100.86	0.02	1.82
RAA15-C6	85	642	3 - 4	4.5	23.78	4.50	107.00
RAA15-C8	80	8,341	3 - 4	0.048	308.93	0.05	14.83
RAA15-C11	4	8,946	3 - 4	1.655	331.33	1.66	548.36
RAA15-C15	88	8,479	3 - 4	0.27	314.04	0.27	84.79
RAA15-C18	89	2,534	3 - 4	0.147	93.85	0.15	13.80
RAA15-E8	83	2,613	3 - 4	12	96.78	12.00	1,161.41
RAA15-E11 (OFFSET)	90	7,213	3 - 4	4.9	267.15	4.90	1,309.04
RAA15-E15	113	936	3 - 4	3.4	34.67	3.40	117.88
Totals:	--	55,549	--	--	2,057.38	--	3,366.13
					Volume-Weighted Average:		**1.64**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	4	683	4 - 5	**0.017**	25.30	0.02	0.43
RAA15-A15	1	6,269	4 - 5	0.013	232.20	0.01	3.02
RAA15-A18	81	2,723	4 - 5	0.018	100.86	0.02	1.82
RAA15-C8	72	7,457	4 - 5	0.048	276.19	0.05	13.26
RAA15-C11	5	6,292	4 - 5	1.655	233.03	1.66	385.67
RAA15-C15	87	8,479	4 - 5	0.27	314.04	0.27	84.79
RAA15-C18	89	2,534	4 - 5	0.147	93.85	0.15	13.80
RAA15-E8	75	2,613	4 - 5	12	96.78	12.00	1,161.41
RAA15-E11 (OFFSET)	85	7,213	4 - 5	4.9	267.15	4.90	1,309.04
RAA15-E15	130	936	4 - 5	3.4	34.67	3.40	117.88
YB-1	11	4,071	4 - 5	0.43	150.78	0.43	64.83
YB-2	12	3,342	4 - 5	0.8	123.79	0.80	99.04
YB-3	77	2,366	4 - 5	**0.025**	87.63	0.03	2.19
YB-4	79	569	4 - 5	**0.025**	21.09	0.03	0.53
Totals:	--	55,549	--	--	2,057.38	--	3,257.70
					Volume-Weighted Average:		**1.58**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	4	683	5 - 6	**0.017**	25.30	0.02	0.43
RAA15-A15	1	6,269	5 - 6	0.013	232.20	0.01	3.02
RAA15-A18	73	2,723	5 - 6	0.018	100.86	0.02	1.82
RAA15-C8	64	7,457	5 - 6	0.048	276.19	0.05	13.26
RAA15-C11	5	6,292	5 - 6	1.655	233.03	1.66	385.67
RAA15-C15	79	8,479	5 - 6	0.27	314.04	0.27	84.79
RAA15-C18	81	2,534	5 - 6	0.147	93.85	0.15	13.80
RAA15-E8	67	2,613	5 - 6	12	96.78	12.00	1,161.41
RAA15-E11 (OFFSET)	77	7,213	5 - 6	4.9	267.15	4.90	1,309.04
RAA15-E15	121	936	5 - 6	3.4	34.67	3.40	117.88
YB-1	11	4,071	5 - 6	0.43	150.78	0.43	64.83
YB-2	12	3,342	5 - 6	0.8	123.79	0.80	99.04
YB-3	69	2,366	5 - 6	**0.025**	87.63	0.03	2.19
YB-4	71	569	5 - 6	**0.025**	21.09	0.03	0.53
Totals:	--	55,549	--	--	2,057.38	--	3,257.70
					Volume-Weighted Average:		**1.58**

TABLE D-15
EXISTING CONDITIONS
PARCEL K10-11-2 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	10,286.91	--	79,736.86
					Volume-Weighted Average:		**7.75**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-16
EXISTING CONDITIONS
PARCEL K10-11-2 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-13)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	2,057.39	--	87,095.04
					Volume-Weighted Average:		**42.33**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-15)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	10,287	--	79,737
					Volume-Weighted Average:		**7.75**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	5	683	6 - 7	0.64	25.30	0.64	16.20
RAA15-A15	1	6,269	6 - 7	0.089	232.20	0.09	20.67
RAA15-A18	74	2,723	6 - 7	**0.0195**	100.86	0.02	1.97
RAA15-C8	65	7,457	6 - 7	13.7	276.19	13.70	3,783.87
RAA15-C11	6	6,292	6 - 7	**0.018**	233.03	0.02	4.19
RAA15-C15	80	8,479	6 - 7	68	314.04	68.00	21,354.80
RAA15-C18	82	2,534	6 - 7	**0.023**	93.85	0.02	2.16
RAA15-E8	68	2,613	6 - 7	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	78	7,213	6 - 7	10.7	267.15	10.70	2,858.53
RAA15-E15	122	936	6 - 7	0.1785	34.67	0.18	6.19
YB-1	12	4,071	6 - 7	0.43	150.78	0.43	64.83
YB-2	13	3,342	6 - 7	0.8	123.79	0.80	99.04
YB-3	70	2,366	6 - 7	**0.025**	87.63	0.03	2.19
YB-4	72	569	6 - 7	**0.025**	21.09	0.03	0.53
Totals:	--	55,549	--	--	2,057.38	--	28,225.80
					Volume-Weighted Average:		**13.72**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	5	683	7 - 8	0.64	25.30	0.64	16.20
RAA15-A15	1	6,269	7 - 8	0.089	232.20	0.09	20.67
RAA15-A18	73	2,723	7 - 8	**0.0195**	100.86	0.02	1.97
RAA15-C8	64	7,457	7 - 8	13.7	276.19	13.70	3,783.87
RAA15-C11	6	6,292	7 - 8	**0.018**	233.03	0.02	4.19
RAA15-C15	74	8,479	7 - 8	68	314.04	68.00	21,354.80
RAA15-C18	75	2,534	7 - 8	**0.023**	93.85	0.02	2.16
RAA15-E8	67	2,613	7 - 8	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	76	7,213	7 - 8	10.7	267.15	10.70	2,858.53
RAA15-E15	119	936	7 - 8	0.1785	34.67	0.18	6.19
YB-1	12	4,071	7 - 8	0.43	150.78	0.43	64.83
YB-2	13	3,342	7 - 8	0.8	123.79	0.80	99.04
YB-3	69	2,366	7 - 8	**0.025**	87.63	0.03	2.19
YB-4	71	569	7 - 8	**0.025**	21.09	0.03	0.53
Totals:	--	55,549	--	--	2,057.38	--	28,225.80
					Volume-Weighted Average:		**13.72**

TABLE D-16
EXISTING CONDITIONS
PARCEL K10-11-2 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	48	5,974	8 - 9	0.64	221.27	0.64	141.61
RAA15-A15	1	7,147	8 - 9	0.089	264.71	0.09	23.56
RAA15-A18	57	2,723	8 - 9	**0.0195**	100.86	0.02	1.97
RAA15-C6	55	642	8 - 9	1.95	23.78	1.95	46.37
RAA15-C8	50	8,341	8 - 9	13.7	308.93	13.70	4,232.33
RAA15-C11	5	8,946	8 - 9	**0.018**	331.33	0.02	5.96
RAA15-C15	63	8,479	8 - 9	68	314.04	68.00	21,354.80
RAA15-C18	65	2,534	8 - 9	**0.023**	93.85	0.02	2.16
RAA15-E8	53	2,613	8 - 9	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	61	7,213	8 - 9	10.7	267.15	10.70	2,858.53
RAA15-E15	101	936	8 - 9	0.1785	34.67	0.18	6.19
Totals:	--	55,549	--	--	2,057.38	--	28,684.12
					Volume-Weighted Average:		**13.94**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	46	5,974	9 - 10	0.64	221.27	0.64	141.61
RAA15-A15	1	7,147	9 - 10	0.089	264.71	0.09	23.56
RAA15-A18	55	2,723	9 - 10	**0.0195**	100.86	0.02	1.97
RAA15-C6	53	642	9 - 10	1.95	23.78	1.95	46.37
RAA15-C8	48	8,341	9 - 10	13.7	308.93	13.70	4,232.33
RAA15-C11	5	8,946	9 - 10	**0.018**	331.33	0.02	5.96
RAA15-C15	61	8,479	9 - 10	68	314.04	68.00	21,354.80
RAA15-C18	63	2,534	9 - 10	**0.023**	93.85	0.02	2.16
RAA15-E8	51	2,613	9 - 10	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	59	7,213	9 - 10	10.7	267.15	10.70	2,858.53
RAA15-E15	98	936	9 - 10	0.1785	34.67	0.18	6.19
Totals:	--	55,549	--	--	2,057.38	--	28,684.12
					Volume-Weighted Average:		**13.94**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	51	8,041	10 - 11	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	10 - 11	0.0089	355.57	0.01	3.16
RAA15-A18	53	2,723	10 - 11	**0.019**	100.86	0.02	1.92
RAA15-C8	46	9,996	10 - 11	**0.0205**	370.23	0.02	7.59
RAA15-C15	58	11,352	10 - 11	4.6	420.44	4.60	1,934.02
RAA15-C18	60	2,534	10 - 11	**0.022**	93.85	0.02	2.06
RAA15-E8	49	2,613	10 - 11	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	95	7,753	10 - 11	0.1475	287.14	0.15	42.35
RAA15-E15	96	936	10 - 11	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	51	8,041	11 - 12	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	11 - 12	0.0089	355.57	0.01	3.16
RAA15-A18	53	2,723	11 - 12	**0.019**	100.86	0.02	1.92
RAA15-C8	46	9,996	11 - 12	**0.0205**	370.23	0.02	7.59
RAA15-C15	58	11,352	11 - 12	4.6	420.44	4.60	1,934.02
RAA15-C18	60	2,534	11 - 12	**0.022**	93.85	0.02	2.06
RAA15-E8	49	2,613	11 - 12	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	92	7,753	11 - 12	0.1475	287.14	0.15	42.35
RAA15-E15	93	936	11 - 12	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

TABLE D-16
EXISTING CONDITIONS
PARCEL K10-11-2 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	8,041	12 - 13	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	12 - 13	0.0089	355.57	0.01	3.16
RAA15-A18	51	2,723	12 - 13	**0.019**	100.86	0.02	1.92
RAA15-C8	44	9,996	12 - 13	**0.0205**	370.23	0.02	7.59
RAA15-C15	56	11,352	12 - 13	4.6	420.44	4.60	1,934.02
RAA15-C18	58	2,534	12 - 13	**0.022**	93.85	0.02	2.06
RAA15-E8	47	2,613	12 - 13	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	90	7,753	12 - 13	0.1475	287.14	0.15	42.35
RAA15-E15	91	936	12 - 13	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	8,041	13 - 14	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	13 - 14	0.0089	355.57	0.01	3.16
RAA15-A18	51	2,723	13 - 14	**0.019**	100.86	0.02	1.92
RAA15-C8	44	9,996	13 - 14	**0.0205**	370.23	0.02	7.59
RAA15-C15	56	11,352	13 - 14	4.6	420.44	4.60	1,934.02
RAA15-C18	58	2,534	13 - 14	**0.022**	93.85	0.02	2.06
RAA15-E8	47	2,613	13 - 14	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	90	7,753	13 - 14	0.1475	287.14	0.15	42.35
RAA15-E15	91	936	13 - 14	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	8,041	14 - 15	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	14 - 15	0.0089	355.57	0.01	3.16
RAA15-A18	51	2,723	14 - 15	**0.019**	100.86	0.02	1.92
RAA15-C8	44	9,996	14 - 15	**0.0205**	370.23	0.02	7.59
RAA15-C15	56	11,352	14 - 15	4.6	420.44	4.60	1,934.02
RAA15-C18	58	2,534	14 - 15	**0.022**	93.85	0.02	2.06
RAA15-E8	47	2,613	14 - 15	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	90	7,753	14 - 15	0.1475	287.14	0.15	42.35
RAA15-E15	91	936	14 - 15	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	30,860.71	--	290,651.23
					Volume-Weighted Average:		**9.42**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-17
POST-REMEDIATION CONDITIONS
PARCEL K10-11-2 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	7,55	985	0 - 0.5	0.088	18.23	0.09	1.60
RAA15-A9	56	1,174	0 - 0.5	0.34	21.75	0.34	7.39
RAA15-A11	44	1,209	0 - 0.5	2.8	22.39	2.80	62.69
RAA15-A13	45	1,509	0 - 0.5	3.9	27.94	3.90	108.97
RAA15-A15	46	1,597	0 - 0.5	1.8	29.57	1.80	53.22
RAA15-A17	47,200	1,678	0 - 0.5	0.68	31.08	0.68	21.13
RAA15-A18	2,48	1,009	0 - 0.5	5.7	18.68	5.70	106.46
RAA15-B6	140,159,246	403	0 - 0.5	1.2	7.46	1.20	8.95
RAA15-B7	144,243,244	1,814	0 - 0.5	0.06	33.60	0.06	2.02
RAA15-B8	11,61	1,974	0 - 0.5	0.67	36.55	0.67	24.49
RAA15-B9	12,62	1,964	0 - 0.5	2.3	36.37	2.30	83.65
RAA15-B11	215	2,013	0 - 0.5	***0.021***	37.29	0.02	0.78
RAA15-B13	57	2,400	0 - 0.5	99	44.45	99.00	4,400.77
RAA15-B15	58	2,934	0 - 0.5	***0.021***	54.33	0.02	1.14
RAA15-B17	8,59	2,611	0 - 0.5	65	48.36	65.00	3,143.42
RAA15-B18	162	499	0 - 0.5	15	9.25	15.00	138.71
RAA15-C7	146	898	0 - 0.5	1.3	16.63	1.30	21.62
RAA15-C8	20	2,250	0 - 0.5	0.39	41.66	0.39	16.25
RAA15-C9	21,70	2,062	0 - 0.5	0.37	38.19	0.37	14.13
RAA15-C11	13,63	1,261	0 - 0.5	69	23.36	69.00	1,611.54
RAA15-C13	14,64	1,723	0 - 0.5	3.5	31.90	3.50	111.66
RAA15-C15	15,65	2,543	0 - 0.5	1	47.08	1.00	47.08
RAA15-C17	66,163	2,016	0 - 0.5	23	37.33	23.00	858.55
RAA15-C18	165	58	0 - 0.5	110	1.08	110.00	119.16
RAA15-D7	148	510	0 - 0.5	4.1	9.45	4.10	38.74
RAA15-D8	150	2,437	0 - 0.5	4.1	45.13	4.10	185.04
RAA15-D9	33	2,109	0 - 0.5	38	39.06	38.00	1,484.19
RAA15-D11	22	1,354	0 - 0.5	0.93	25.08	0.93	23.32
RAA15-D13	23,71	2,095	0 - 0.5	4.1	38.79	4.10	159.03
RAA15-D15	72,167	1,445	0 - 0.5	0.73	26.76	0.73	19.54
RAA15-D17	169	618	0 - 0.5	14	11.45	14.00	160.25
RAA15-E8	152	191	0 - 0.5	6.1	3.54	6.10	21.60
RAA15-E9	154	848	0 - 0.5	13.2	15.69	13.20	207.17
RAA15-E11	34	2,234	0 - 0.5	4.2	41.38	4.20	173.79
RAA15-E13	170	1,129	0 - 0.5	2.01	20.91	2.01	42.04
RAA15-F9	156	44	0 - 0.5	0.475	0.81	0.48	0.39
RAA15-F11	37	1,248	0 - 0.5	0.54	23.12	0.54	12.48
RAA15-F13	172	702	0 - 0.5	0.29	12.99	0.29	3.77
Totals:	--	55,549	--	--	1,028.69	--	13,496.74
					Volume-Weighted Average:		**13.12**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	7,55	985	0.5 - 1	0.088	18.23	0.09	1.60
RAA15-A9	56	1,174	0.5 - 1	0.34	21.75	0.34	7.39
RAA15-A11	44	1,209	0.5 - 1	2.8	22.39	2.80	62.69
RAA15-A13	45	1,509	0.5 - 1	3.9	27.94	3.90	108.97
RAA15-A15	46	1,597	0.5 - 1	1.8	29.57	1.80	53.22
RAA15-A17	47,200	1,678	0.5 - 1	0.68	31.08	0.68	21.13
RAA15-A18	2,48	1,009	0.5 - 1	5.7	18.68	5.70	106.46
RAA15-B6	144,163,246	403	0.5 - 1	1.2	7.46	1.20	8.95
RAA15-B7	148,243,244	1,814	0.5 - 1	0.06	33.60	0.06	2.02
RAA15-B8	11,61	1,974	0.5 - 1	0.67	36.55	0.67	24.49
RAA15-B9	12,62	1,964	0.5 - 1	2.3	36.37	2.30	83.65
RAA15-B11	215	2,013	0.5 - 1	***0.021***	37.29	0.02	0.78
RAA15-B13	57	2,400	0.5 - 1	99	44.45	99.00	4,400.77
RAA15-B15	58	2,934	0.5 - 1	***0.021***	54.33	0.02	1.14
RAA15-B17	8,59	2,611	0.5 - 1	65	48.36	65.00	3,143.42
RAA15-B18	166	499	0.5 - 1	15	9.25	15.00	138.71
RAA15-C7	150	898	0.5 - 1	1.3	16.63	1.30	21.62
RAA15-C8	20	2,250	0.5 - 1	0.39	41.66	0.39	16.25
RAA15-C9	21,70	2,062	0.5 - 1	0.37	38.19	0.37	14.13
RAA15-C11	13,63	1,261	0.5 - 1	69	23.36	69.00	1,611.54
RAA15-C13	14,64	1,723	0.5 - 1	3.5	31.90	3.50	111.66
RAA15-C15	15,65	2,543	0.5 - 1	1	47.08	1.00	47.08
RAA15-C17	66,167	2,016	0.5 - 1	23	37.33	23.00	858.55
RAA15-C18	169	58	0.5 - 1	110	1.08	110.00	119.16
RAA15-D7	152	510	0.5 - 1	4.1	9.45	4.10	38.74
RAA15-D8	154	2,437	0.5 - 1	4.1	45.13	4.10	185.04
RAA15-D9	33	2,109	0.5 - 1	38	39.06	38.00	1,484.19
RAA15-D11	22	1,354	0.5 - 1	0.93	25.08	0.93	23.32
RAA15-D13	23,71	2,095	0.5 - 1	4.1	38.79	4.10	159.03
RAA15-D15	72,171	1,445	0.5 - 1	0.73	26.76	0.73	19.54
RAA15-D17	173	618	0.5 - 1	14	11.45	14.00	160.25

TABLE D-17
POST-REMEDIATION CONDITIONS
PARCEL K10-11-2 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT (con't)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E8	156	191	0.5 - 1	6.1	3.54	6.10	21.60
RAA15-E9	158	848	0.5 - 1	13.2	15.69	13.20	207.17
RAA15-E11	34	2,234	0.5 - 1	4.2	41.38	4.20	173.79
RAA15-E13	174	1,129	0.5 - 1	2.01	20.91	2.01	42.04
RAA15-F9	160	44	0.5 - 1	0.475	0.81	0.48	0.39
RAA15-F11	37	1,248	0.5 - 1	0.54	23.12	0.54	12.48
RAA15-F13	176	702	0.5 - 1	0.29	12.99	0.29	3.77
Totals:	--	55,549	--	--	1,028.69	--	13,496.74
					Volume-Weighted Average:		**13.12**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	2,057.39	--	26,993.47
					Volume-Weighted Average:		**13.12**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set .

TABLE D-18
POST-REMEDIATION CONDITIONS
PARCEL K10-11-2 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-17)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	2,057.39	--	26,993.47
					Volume-Weighted Average:		**13.12**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	79	4,900	1 - 2	**0.017**	181.50	0.02	3.09
RAA15-A11	24	4,631	1 - 2	2.2	171.50	2.20	377.30
RAA15-A15	25	6,217	1 - 2	7.5	230.25	7.50	1,726.84
RAA15-A18	88	2,723	1 - 2	0.058	100.86	0.06	5.85
RAA15-C6	86	642	1 - 2	3.3	23.78	3.30	78.47
RAA15-C8	81	8,262	1 - 2	7.4	306.02	7.40	2,264.53
RAA15-C11	109,110	5,718	1 - 2	25	211.79	25.00	5,294.79
RAA15-C15	89	8,393	1 - 2	12	310.86	12.00	3,730.27
RAA15-C18	90	2,534	1 - 2	4	93.85	4.00	375.41
RAA15-E8	84	2,344	1 - 2	24	86.83	24.00	2,083.81
RAA15-E11	117	8,401	1 - 2	61	311.14	61.00	18,979.47
RAA15-E15	115,116	783	1 - 2	0.27	29.01	0.27	7.83
Totals:	--	55,549	--	--	2,057.38	--	34,927.67
					Volume-Weighted Average:		**16.98**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	79	4,900	2 - 3	**0.017**	181.50	0.02	3.09
RAA15-A11	1	4,631	2 - 3	2.2	171.50	2.20	377.30
RAA15-A15	2	6,217	2 - 3	7.5	230.25	7.50	1,726.84
RAA15-A18	88	2,723	2 - 3	0.058	100.86	0.06	5.85
RAA15-C6	86	642	2 - 3	3.3	23.78	3.30	78.47
RAA15-C8	81	8,262	2 - 3	7.4	306.02	7.40	2,264.53
RAA15-C11	109,110	5,718	2 - 3	25	211.79	25.00	5,294.79
RAA15-C15	89	8,393	2 - 3	12	310.86	12.00	3,730.27
RAA15-C18	90	2,534	2 - 3	4	93.85	4.00	375.41
RAA15-E8	84	2,344	2 - 3	24	86.83	24.00	2,083.81
RAA15-E11	117	8,401	2 - 3	61	311.14	61.00	18,979.47
RAA15-E15	115,116	783	2 - 3	0.27	29.01	0.27	7.83
Totals:	--	55,549	--	--	2,057.38	--	34,927.67
					Volume-Weighted Average:		**16.98**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	6,172.16	--	96,848.82
					Volume-Weighted Average:		**15.69**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-19
POST-REMEDIATION CONDITIONS
PARCEL K10-11-2 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-17)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	2,057.39	--	26,993.47
					Volume-Weighted Average:		**13.12**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-15)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	10,286.91	--	79,736.86
					Volume-Weighted Average:		**7.75**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	5	683	6 - 7	0.64	25.30	0.64	16.20
RAA15-A15	1	6,269	6 - 7	0.089	232.20	0.09	20.67
RAA15-A18	74	2,723	6 - 7	**0.0195**	100.86	0.02	1.97
RAA15-C8	65	7,457	6 - 7	13.7	276.19	13.70	3,783.87
RAA15-C11	6	6,292	6 - 7	**0.018**	233.03	0.02	4.19
RAA15-C15	80	8,479	6 - 7	68	314.04	68.00	21,354.80
RAA15-C18	82	2,534	6 - 7	**0.023**	93.85	0.02	2.16
RAA15-E8	68	2,613	6 - 7	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	78	7,213	6 - 7	10.7	267.15	10.70	2,858.53
RAA15-E15	122	936	6 - 7	0.1785	34.67	0.18	6.19
YB-1	12	4,071	6 - 7	0.43	150.78	0.43	64.83
YB-2	13	3,342	6 - 7	0.8	123.79	0.80	99.04
YB-3	70	2,366	6 - 7	**0.025**	87.63	0.03	2.19
YB-4	72	569	6 - 7	**0.025**	21.09	0.03	0.53
Totals:	--	55,549	--	--	2,057.38	--	28,225.80
					Volume-Weighted Average:		**13.72**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	5	683	7 - 8	0.64	25.30	0.64	16.20
RAA15-A15	1	6,269	7 - 8	0.089	232.20	0.09	20.67
RAA15-A18	73	2,723	7 - 8	**0.0195**	100.86	0.02	1.97
RAA15-C8	64	7,457	7 - 8	13.7	276.19	13.70	3,783.87
RAA15-C11	6	6,292	7 - 8	**0.018**	233.03	0.02	4.19
RAA15-C15	74	8,479	7 - 8	68	314.04	68.00	21,354.80
RAA15-C18	75	2,534	7 - 8	**0.023**	93.85	0.02	2.16
RAA15-E8	67	2,613	7 - 8	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	76	7,213	7 - 8	10.7	267.15	10.70	2,858.53
RAA15-E15	119	936	7 - 8	0.1785	34.67	0.18	6.19
YB-1	12	4,071	7 - 8	0.43	150.78	0.43	64.83
YB-2	13	3,342	7 - 8	0.8	123.79	0.80	99.04
YB-3	69	2,366	7 - 8	**0.025**	87.63	0.03	2.19
YB-4	71	569	7 - 8	**0.025**	21.09	0.03	0.53
Totals:	--	55,549	--	--	2,057.38	--	28,225.80
					Volume-Weighted Average:		**13.72**

TABLE D-19
POST-REMEDIATION CONDITIONS
PARCEL K10-11-2 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	48	5,974	8 - 9	0.64	221.27	0.64	141.61
RAA15-A15	1	7,147	8 - 9	0.089	264.71	0.09	23.56
RAA15-A18	57	2,723	8 - 9	**0.0195**	100.86	0.02	1.97
RAA15-C6	55	642	8 - 9	1.95	23.78	1.95	46.37
RAA15-C8	50	8,341	8 - 9	13.7	308.93	13.70	4,232.33
RAA15-C11	5	8,946	8 - 9	**0.018**	331.33	0.02	5.96
RAA15-C15	63	8,479	8 - 9	68	314.04	68.00	21,354.80
RAA15-C18	65	2,534	8 - 9	**0.023**	93.85	0.02	2.16
RAA15-E8	53	2,613	8 - 9	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	61	7,213	8 - 9	10.7	267.15	10.70	2,858.53
RAA15-E15	101	936	8 - 9	0.1785	34.67	0.18	6.19
Totals:	--	55,549	--	--	2,057.38	--	28,684.12
					Volume-Weighted Average:		**13.94**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	46	5,974	9 - 10	0.64	221.27	0.64	141.61
RAA15-A15	1	7,147	9 - 10	0.089	264.71	0.09	23.56
RAA15-A18	55	2,723	9 - 10	**0.0195**	100.86	0.02	1.97
RAA15-C6	53	642	9 - 10	1.95	23.78	1.95	46.37
RAA15-C8	48	8,341	9 - 10	13.7	308.93	13.70	4,232.33
RAA15-C11	5	8,946	9 - 10	**0.018**	331.33	0.02	5.96
RAA15-C15	61	8,479	9 - 10	68	314.04	68.00	21,354.80
RAA15-C18	63	2,534	9 - 10	**0.023**	93.85	0.02	2.16
RAA15-E8	51	2,613	9 - 10	0.11	96.78	0.11	10.65
RAA15-E11 (OFFSET)	59	7,213	9 - 10	10.7	267.15	10.70	2,858.53
RAA15-E15	98	936	9 - 10	0.1785	34.67	0.18	6.19
Totals:	--	55,549	--	--	2,057.38	--	28,684.12
					Volume-Weighted Average:		**13.94**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	51	8,041	10 - 11	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	10 - 11	0.0089	355.57	0.01	3.16
RAA15-A18	53	2,723	10 - 11	**0.019**	100.86	0.02	1.92
RAA15-C8	46	9,996	10 - 11	**0.0205**	370.23	0.02	7.59
RAA15-C15	58	11,352	10 - 11	4.6	420.44	4.60	1,934.02
RAA15-C18	60	2,534	10 - 11	**0.022**	93.85	0.02	2.06
RAA15-E8	49	2,613	10 - 11	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	95	7,753	10 - 11	0.1475	287.14	0.15	42.35
RAA15-E15	96	936	10 - 11	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	51	8,041	11 - 12	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	11 - 12	0.0089	355.57	0.01	3.16
RAA15-A18	53	2,723	11 - 12	**0.019**	100.86	0.02	1.92
RAA15-C8	46	9,996	11 - 12	**0.0205**	370.23	0.02	7.59
RAA15-C15	58	11,352	11 - 12	4.6	420.44	4.60	1,934.02
RAA15-C18	60	2,534	11 - 12	**0.022**	93.85	0.02	2.06
RAA15-E8	49	2,613	11 - 12	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	92	7,753	11 - 12	0.1475	287.14	0.15	42.35
RAA15-E15	93	936	11 - 12	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

TABLE D-19
POST-REMEDIATION CONDITIONS
PARCEL K10-11-2 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	8,041	12 - 13	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	12 - 13	0.0089	355.57	0.01	3.16
RAA15-A18	51	2,723	12 - 13	**0.019**	100.86	0.02	1.92
RAA15-C8	44	9,996	12 - 13	**0.0205**	370.23	0.02	7.59
RAA15-C15	56	11,352	12 - 13	4.6	420.44	4.60	1,934.02
RAA15-C18	58	2,534	12 - 13	**0.022**	93.85	0.02	2.06
RAA15-E8	47	2,613	12 - 13	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	90	7,753	12 - 13	0.1475	287.14	0.15	42.35
RAA15-E15	91	936	12 - 13	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	8,041	13 - 14	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	13 - 14	0.0089	355.57	0.01	3.16
RAA15-A18	51	2,723	13 - 14	**0.019**	100.86	0.02	1.92
RAA15-C8	44	9,996	13 - 14	**0.0205**	370.23	0.02	7.59
RAA15-C15	56	11,352	13 - 14	4.6	420.44	4.60	1,934.02
RAA15-C18	58	2,534	13 - 14	**0.022**	93.85	0.02	2.06
RAA15-E8	47	2,613	13 - 14	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	90	7,753	13 - 14	0.1475	287.14	0.15	42.35
RAA15-E15	91	936	13 - 14	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	8,041	14 - 15	**0.0195**	297.82	0.02	5.81
RAA15-A15	1	9,600	14 - 15	0.0089	355.57	0.01	3.16
RAA15-A18	51	2,723	14 - 15	**0.019**	100.86	0.02	1.92
RAA15-C8	44	9,996	14 - 15	**0.0205**	370.23	0.02	7.59
RAA15-C15	56	11,352	14 - 15	4.6	420.44	4.60	1,934.02
RAA15-C18	58	2,534	14 - 15	**0.022**	93.85	0.02	2.06
RAA15-E8	47	2,613	14 - 15	**0.022**	96.78	0.02	2.13
RAA15-E11 (OFFSET)	90	7,753	14 - 15	0.1475	287.14	0.15	42.35
RAA15-E15	91	936	14 - 15	0.0245	34.67	0.02	0.85
Totals:	--	55,549	--	--	2,057.38	--	1,999.90
					Volume-Weighted Average:		**0.97**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	55,549	--	--	30,860.71	--	230,549.66
					Volume-Weighted Average:		**7.47**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-11-3

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TABLE D-20
EXISTING CONDITIONS
PARCEL K10-11-3 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	192	787	0 - 0.5	5.7	14.57	5.70	83.04
RAA15-A19	185	1,563	0 - 0.5	3.6	28.95	3.60	104.21
RAA15-A20	188,247	75	0 - 0.5	0.38	1.39	0.38	0.53
RAA15-B18	184	512	0 - 0.5	15	9.49	15.00	142.33
RAA15-B19	190	457	0 - 0.5	67	8.47	67.00	567.38
Totals:	--	3,395	--	--	62.86	--	897.48
					Volume-Weighted Average:		**14.28**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	199	787	0.5 - 1	5.7	14.57	5.70	83.04
RAA15-A19	180	1,563	0.5 - 1	3.6	28.95	3.60	104.21
RAA15-A20	184,247	75	0.5 - 1	0.38	1.39	0.38	0.53
RAA15-B18	186	512	0.5 - 1	15	9.49	15.00	142.33
RAA15-B19	183	457	0.5 - 1	67	8.47	67.00	567.38
Totals:	--	3,395	--	--	62.86	--	897.48
					Volume-Weighted Average:		**14.28**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	-	--	125.72	--	1,794.95
					Volume-Weighted Average:		**14.28**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. For instances where a duplicate sample was available, the average of the samples was included in table.
3. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-21
EXISTING CONDITIONS
PARCEL K10-11-3 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-20)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	125.72	--	1,794.95
					Volume-Weighted Average:		**14.28**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	101	772	1 - 2	0.058	28.59	0.06	1.66
RAA15-A19SW	98	2,392	1 - 2	1.34	88.58	1.34	118.69
RAA15-A20	99	231	1 - 2	0.09	8.56	0.09	0.77
Totals:	--	3,395	--	--	125.73	--	121.12
					Volume-Weighted Average:		**0.96**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	100	772	2 - 3	0.058	28.59	0.06	1.66
RAA15-A19SW	98	2,392	2 - 3	1.34	88.58	1.34	118.69
RAA15-A20	99	231	2 - 3	0.09	8.56	0.09	0.77
Totals:	--	3,395	--	--	125.73	--	121.12
					Volume-Weighted Average:		**0.96**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	377.17	--	2,037.20
					Volume-Weighted Average:		**5.40**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-22
EXISTING CONDITIONS
PARCEL K10-11-3 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 3-FOOT DEPTH INCREMENT (TABLE D-21)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	251.45	--	242.25
					Volume-Weighted Average:		**0.96**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	100	772	3 - 4	0.018	28.59	0.02	0.51
RAA15-A19SW	98	2,392	3 - 4	**0.026**	88.58	0.03	2.30
RAA15-A20	99	231	3 - 4	**0.0185**	8.56	0.02	0.16
Totals:	--	3,395	--	--	125.73	--	2.98
					Volume-Weighted Average:		**0.02**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	94	772	4 - 5	0.018	28.59	0.02	0.51
RAA15-A19SW	96	2,392	4 - 5	**0.026**	88.58	0.03	2.30
RAA15-A20	98	231	4 - 5	**0.0185**	8.56	0.02	0.16
Totals:	--	3,395	--	--	125.73	--	2.98
					Volume-Weighted Average:		**0.02**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	86	772	5 - 6	0.018	28.59	0.02	0.51
RAA15-A19SW	84	2,392	5 - 6	**0.026**	88.58	0.03	2.30
RAA15-A20	85	231	5 - 6	**0.0185**	8.56	0.02	0.16
Totals:	--	3,395	--	--	125.73	--	2.98
					Volume-Weighted Average:		**0.02**

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	628.63	--	251.17
					Volume-Weighted Average:		**0.40**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-23
EXISTING CONDITIONS
PARCEL K10-11-3 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-20)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	125.72	--	1,794.95
					Volume-Weighted Average:		**14.28**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-22)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	628.63	--	251.17
					Volume-Weighted Average:		**0.40**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	87	772	6 - 7	**0.0195**	28.59	0.02	0.56
RAA15-A19SW	85	2,392	6 - 7	**0.0255**	88.58	0.03	2.26
RAA15-A20	86	231	6 - 7	**0.018**	8.56	0.02	0.15
Totals:	--	3,395	--	--	125.73	--	2.97
					Volume-Weighted Average:		**0.02**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	86	772	7 - 8	**0.0195**	28.59	0.02	0.56
RAA15-A19SW	84	2,392	7 - 8	**0.0255**	88.58	0.03	2.26
RAA15-A20	85	231	7 - 8	**0.018**	8.56	0.02	0.15
Totals:	--	3,395	--	--	125.73	--	2.97
					Volume-Weighted Average:		**0.02**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	70	772	8 - 9	**0.0195**	28.59	0.02	0.56
RAA15-A19SW	68	2,392	8 - 9	**0.0255**	88.58	0.03	2.26
RAA15-A20	69	231	8 - 9	**0.018**	8.56	0.02	0.15
Totals:	--	3,395	--	--	125.73	--	2.97
					Volume-Weighted Average:		**0.02**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	68	772	9 - 10	**0.0195**	28.59	0.02	0.56
RAA15-A19SW	66	2,392	9 - 10	**0.0255**	88.58	0.03	2.26
RAA15-A20	67	231	9 - 10	**0.018**	8.56	0.02	0.15
Totals:	--	3,395	--	--	125.73	--	2.97
					Volume-Weighted Average:		**0.02**

TABLE D-23
EXISTING CONDITIONS
PARCEL K10-11-3 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	65	772	10 - 11	**0.019**	28.59	0.02	0.54
RAA15-A19SW	63	2,392	10 - 11	**0.0205**	88.58	0.02	1.82
RAA15-A20	64	231	10 - 11	0.0082	8.56	0.01	0.07
Totals:	--	3,395	--	--	125.73	--	2.43
					Volume-Weighted Average:		**0.02**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	65	772	11 - 12	**0.019**	28.59	0.02	0.54
RAA15-A19SW	63	2,392	11 - 12	**0.0205**	88.58	0.02	1.82
RAA15-A20	64	231	11 - 12	0.0082	8.56	0.01	0.07
Totals:	--	3,395	--	--	125.73	--	2.43
					Volume-Weighted Average:		**0.02**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	63	772	12 - 13	**0.019**	28.59	0.02	0.54
RAA15-A19SW	61	2,392	12 - 13	**0.0205**	88.58	0.02	1.82
RAA15-A20	62	231	12 - 13	0.0082	8.56	0.01	0.07
Totals:	--	3,395	--	--	125.73	--	2.43
					Volume-Weighted Average:		**0.02**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	63	772	13 - 14	**0.019**	28.59	0.02	0.54
RAA15-A19SW	61	2,392	13 - 14	**0.0205**	88.58	0.02	1.82
RAA15-A20	62	231	13 - 14	0.0082	8.56	0.01	0.07
Totals:	--	3,395	--	--	125.73	--	2.43
					Volume-Weighted Average:		**0.02**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	63	772	14 - 15	**0.019**	28.59	0.02	0.54
RAA15-A19SW	61	2,392	14 - 15	**0.0205**	88.58	0.02	1.82
RAA15-A20	62	231	14 - 15	0.0082	8.56	0.01	0.07
Totals:	--	3,395	--	--	125.73	--	2.43
					Volume-Weighted Average:		**0.02**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	3,395	--	--	1,885.88	--	2,070.15
					Volume-Weighted Average:		**1.10**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-11-5

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TABLE D-24
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	186	178	0 - 0.5	3.6	3.29	3.60	11.86
RAA15-A20	187,189,248	1,686	0 - 0.5	0.38	31.22	0.38	11.86
RAA15-A21	3,50	1,793	0 - 0.5	0.61	33.20	0.61	20.25
RAA15-A22	4	1,830	0 - 0.5	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0 - 0.5	0.21	32.51	0.21	6.83
RAA15-A24	6,51	1,485	0 - 0.5	0.16	27.49	0.16	4.40
RAA15-A25	52	590	0 - 0.5	0.11	10.92	0.11	1.20
RAA15-A26	53	1,614	0 - 0.5	1.1	29.90	1.10	32.89
RAA15-A27	54	1,723	0 - 0.5	0.55	31.91	0.55	17.55
RAA15-B19	191	401	0 - 0.5	67	7.42	67.00	497.07
RAA15-B20	178	727	0 - 0.5	280	13.47	280.00	3,772.12
RAA15-B21	180	2,248	0 - 0.5	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0 - 0.5	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0 - 0.5	**0.02**	46.14	0.02	0.92
RAA15-B24	60,203	2,910	0 - 0.5	0.33	53.90	0.33	17.79
RAA15-C19	182	19	0 - 0.5	0.32	0.35	0.32	0.11
RAA15-C20	199,249,250	378	0 - 0.5	0.28	6.99	0.28	1.96
RAA15-C21	193,194	2,490	0 - 0.5	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0 - 0.5	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0 - 0.5	0.0089	46.49	0.01	0.41
RAA15-C24	18,67	2,508	0 - 0.5	0.041	46.44	0.04	1.90
RAA15-C25	68	1,691	0 - 0.5	0.17	31.31	0.17	5.32
RAA15-D20	195	1,428	0 - 0.5	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0 - 0.5	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0 - 0.5	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0 - 0.5	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0 - 0.5	0.017	44.42	0.02	0.76
RAA15-D25	29,75	1,931	0 - 0.5	0.272	35.75	0.27	9.72
RAA15-D26	30,76	1,772	0 - 0.5	0.73	32.82	0.73	23.96
RAA15-D27	31,216,217	2,010	0 - 0.5	0.43	37.23	0.43	16.01
Totals:	--	51,300	--	--	950.01	--	4,474.87
					Volume-Weighted Average:		**4.71**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	181	178	0.5 - 1	3.6	3.29	3.60	11.86
RAA15-A20	182,185,248	1,686	0.5 - 1	0.38	31.22	0.38	11.86
RAA15-A21	3,50	1,793	0.5 - 1	0.61	33.20	0.61	20.25
RAA15-A22	4	1,830	0.5 - 1	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0.5 - 1	0.21	32.51	0.21	6.83
RAA15-A24	6,51	1,485	0.5 - 1	0.16	27.49	0.16	4.40
RAA15-A25	52	590	0.5 - 1	0.11	10.92	0.11	1.20
RAA15-A26	53	1,614	0.5 - 1	1.1	29.90	1.10	32.89
RAA15-A27	54	1,723	0.5 - 1	0.55	31.91	0.55	17.55
RAA15-B19	198	401	0.5 - 1	67	7.42	67.00	497.07
RAA15-B20	189	727	0.5 - 1	280	13.47	280.00	3,772.12
RAA15-B21	191	2,248	0.5 - 1	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0.5 - 1	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0.5 - 1	**0.02**	46.14	0.02	0.92
RAA15-B24	60,203	2,910	0.5 - 1	0.33	53.90	0.33	17.79
RAA15-C19	193	19	0.5 - 1	0.32	0.35	0.32	0.11
RAA15-C20	196,249,250	378	0.5 - 1	0.28	6.99	0.28	1.96
RAA15-C21	96,97	2,490	0.5 - 1	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0.5 - 1	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0.5 - 1	0.0089	46.49	0.01	0.41
RAA15-C24	18,67	2,508	0.5 - 1	0.041	46.44	0.04	1.90
RAA15-C25	68	1,691	0.5 - 1	0.17	31.31	0.17	5.32
RAA15-D20	98	1,428	0.5 - 1	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0.5 - 1	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0.5 - 1	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0.5 - 1	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0.5 - 1	0.017	44.42	0.02	0.76
RAA15-D25	29,75	1,931	0.5 - 1	0.272	35.75	0.27	9.72
RAA15-D26	30,76	1,772	0.5 - 1	0.73	32.82	0.73	23.96
RAA15-D27	31,216,217	2,010	0.5 - 1	0.43	37.23	0.43	16.01
Totals:	--	51,300	--	--	950.01	--	4,474.87
					Volume-Weighted Average:		**4.71**

TABLE D-24
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,300	-	--	1,900.02	--	8,949.75
					Volume-Weighted Average:		**4.71**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-25
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	186	178	0 - 0.5	3.6	3.29	3.60	11.86
RAA15-A20	187,248	1,140	0 - 0.5	0.38	21.12	0.38	8.03
RAA15-A21	3	1,687	0 - 0.5	0.61	31.25	0.61	19.06
RAA15-A22	4	1,830	0 - 0.5	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0 - 0.5	0.21	32.51	0.21	6.83
RAA15-A24	6	548	0 - 0.5	0.16	10.15	0.16	1.62
RAA15-B19	191	401	0 - 0.5	67	7.42	67.00	497.07
RAA15-B20	178	727	0 - 0.5	280	13.47	280.00	3,772.12
RAA15-B21	180	2,248	0 - 0.5	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0 - 0.5	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0 - 0.5	**0.02**	46.14	0.02	0.92
RAA15-B24	203	1,262	0 - 0.5	0.33	23.37	0.33	7.71
RAA15-C19	182	19	0 - 0.5	0.32	0.35	0.32	0.11
RAA15-C20	199,249,250	378	0 - 0.5	0.28	6.99	0.28	1.96
RAA15-C21	193,194	2,490	0 - 0.5	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0 - 0.5	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0 - 0.5	0.0089	46.49	0.01	0.41
RAA15-C24	18	1,500	0 - 0.5	0.041	27.79	0.04	1.14
RAA15-D20	195	1,428	0 - 0.5	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0 - 0.5	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0 - 0.5	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0 - 0.5	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0 - 0.5	0.017	44.42	0.02	0.76
RAA15-D25	29	1,290	0 - 0.5	0.272	23.89	0.27	6.50
RAA15-D26	30	1,215	0 - 0.5	0.73	22.49	0.73	16.42
RAA15-D27	31,217	1,977	0 - 0.5	0.43	36.61	0.43	15.74
Totals:	--	40,207	--	--	744.58	--	4,388.23
					Volume-Weighted Average:		**5.89**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	181	178	0.5 - 1	3.6	3.29	3.60	11.86
RAA15-A20	182,248	1,140	0.5 - 1	0.38	21.12	0.38	8.03
RAA15-A21	3	1,687	0.5 - 1	0.61	31.25	0.61	19.06
RAA15-A22	4	1,830	0.5 - 1	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0.5 - 1	0.21	32.51	0.21	6.83
RAA15-A24	6	548	0.5 - 1	0.16	10.15	0.16	1.62
RAA15-B19	198	401	0.5 - 1	67	7.42	67.00	497.07
RAA15-B20	189	727	0.5 - 1	280	13.47	280.00	3,772.12
RAA15-B21	191	2,248	0.5 - 1	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0.5 - 1	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0.5 - 1	**0.02**	46.14	0.02	0.92
RAA15-B24	203	1,262	0.5 - 1	0.33	23.37	0.33	7.71
RAA15-C19	193	19	0.5 - 1	0.32	0.35	0.32	0.11
RAA15-C20	196,249,250	378	0.5 - 1	0.28	6.99	0.28	1.96
RAA15-C21	96,97	2,490	0.5 - 1	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0.5 - 1	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0.5 - 1	0.0089	46.49	0.01	0.41
RAA15-C24	18	1,500	0.5 - 1	0.041	27.79	0.04	1.14
RAA15-D20	98	1,428	0.5 - 1	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0.5 - 1	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0.5 - 1	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0.5 - 1	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0.5 - 1	0.017	44.42	0.02	0.76
RAA15-D25	29	1,290	0.5 - 1	0.272	23.89	0.27	6.50
RAA15-D26	30	1,215	0.5 - 1	0.73	22.49	0.73	16.42
RAA15-D27	31,217	1,977	0.5 - 1	0.43	36.61	0.43	15.74
Totals:	--	40,207	--	--	744.58	--	4,388.23
					Volume-Weighted Average:		**5.89**

TABLE D-25
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	40,207	-	--	1,489.16	--	8,776.47
					Volume-Weighted Average:		**5.89**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-26
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT (PAVED)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A20	189	546	0 - 0.5	0.38	10.10	0.38	3.84
RAA15-A21	50	106	0 - 0.5	0.61	1.96	0.61	1.19
RAA15-A24	51	937	0 - 0.5	0.16	17.35	0.16	2.78
RAA15-A25	52	590	0 - 0.5	0.11	10.92	0.11	1.20
RAA15-A26	53	1,614	0 - 0.5	1.1	29.90	1.10	32.89
RAA15-A27	54	1,723	0 - 0.5	0.55	31.91	0.55	17.55
RAA15-B24	60	1,648	0 - 0.5	0.33	30.52	0.33	10.07
RAA15-C24	67	1,007	0 - 0.5	0.041	18.65	0.04	0.76
RAA15-C25	68	1,691	0 - 0.5	0.17	31.31	0.17	5.32
RAA15-D25	75	641	0 - 0.5	0.272	11.86	0.27	3.23
RAA15-D26	76	558	0 - 0.5	0.73	10.33	0.73	7.54
RAA15-D27	216	33	0 - 0.5	0.43	0.62	0.43	0.27
Totals:	--	11,093	--	--	205.43	--	86.64
					Volume-Weighted Average:		**0.42**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A20	185	546	0.5 - 1	0.38	10.10	0.38	3.84
RAA15-A21	50	106	0.5 - 1	0.61	1.96	0.61	1.19
RAA15-A24	51	937	0.5 - 1	0.16	17.35	0.16	2.78
RAA15-A25	52	590	0.5 - 1	0.11	10.92	0.11	1.20
RAA15-A26	53	1,614	0.5 - 1	1.1	29.90	1.10	32.89
RAA15-A27	54	1,723	0.5 - 1	0.55	31.91	0.55	17.55
RAA15-B24	60	1,648	0.5 - 1	0.33	30.52	0.33	10.07
RAA15-C24	67	1,007	0.5 - 1	0.041	18.65	0.04	0.76
RAA15-C25	68	1,691	0.5 - 1	0.17	31.31	0.17	5.32
RAA15-D25	75	641	0.5 - 1	0.272	11.86	0.27	3.23
RAA15-D26	76	558	0.5 - 1	0.73	10.33	0.73	7.54
RAA15-D27	216	33	0.5 - 1	0.43	0.62	0.43	0.27
Totals:	--	11,093	--	--	205.43	--	86.64
					Volume-Weighted Average:		**0.42**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	11,093	--	--	410.86	--	173.28
					Volume-Weighted Average:		**0.42**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-27
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLES D-24)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,300	--	--	1,900.02	--	8,949.75
					Volume-Weighted Average:		**4.71**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	102	506	1 - 2	1.34	18.74	1.34	25.11
RAA15-A20	104	3,719	1 - 2	0.09	137.73	0.09	12.40
RAA15-A22	26	5,700	1 - 2	3.5	211.10	3.50	738.86
RAA15-A24	27	4,633	1 - 2	0.195	171.59	0.20	33.46
RAA15-A26	28	5,244	1 - 2	0.12	194.22	0.12	23.31
RAA15-C20	106,118,119	4,201	1 - 2	0.0325	155.58	0.03	5.06
RAA15-C22	29	11,777	1 - 2	**0.018**	436.19	0.02	7.85
RAA15-C24	30	15,521	1 - 2	0.058	574.86	0.06	33.34
Totals:	--	51,301	--	--	1,900.02	--	879.39
					Volume-Weighted Average:		**0.46**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	102	506	2 - 3	1.34	18.74	1.34	25.11
RAA15-A20	104	3,719	2 - 3	0.09	137.73	0.09	12.40
RAA15-A22	3	5,700	2 - 3	3.5	211.10	3.50	738.86
RAA15-A24	4	4,633	2 - 3	0.195	171.59	0.20	33.46
RAA15-A26	5	5,244	2 - 3	0.12	194.22	0.12	23.31
RAA15-C20	106,118,119	4,201	2 - 3	0.0325	155.58	0.03	5.06
RAA15-C22	6	11,777	2 - 3	**0.018**	436.19	0.02	7.85
RAA15-C24	7	15,521	2 - 3	0.058	574.86	0.06	33.34
Totals:	--	51,301	--	--	1,900.02	--	879.39
					Volume-Weighted Average:		**0.46**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,301	-	--	5,700.06	--	10,708.53
					Volume-Weighted Average:		**1.88**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-28
EXISTING CONDITIONS
PARCEL K10-11-5 - 1- TO 6-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 3-FOOT DEPTH INCREMENT (TABLES D-27)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,301	--	--	3,800.05	--	1,758.78
					Volume-Weighted Average:		**0.46**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	102	506	3 - 4	**0.026**	18.74	0.03	0.49
RAA15-A20	104	3,719	3 - 4	**0.0185**	137.73	0.02	2.55
RAA15-A22	2	7,710	3 - 4	0.3	285.54	0.30	85.66
RAA15-A26	3	6,030	3 - 4	0.089	223.34	0.09	19.88
RAA15-C20	106,115,116	4,201	3 - 4	**0.0245**	155.58	0.02	3.81
RAA15-C22	5	11,779	3 - 4	0.32	436.24	0.32	139.60
RAA15-C24	6	17,357	3 - 4	0.019	642.84	0.02	12.21
Totals:	--	51,301	--	--	1,900.02	--	264.20
					Volume-Weighted Average:		**0.14**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	97	506	4 - 5	**0.026**	18.74	0.03	0.49
RAA15-A20	99	3,719	4 - 5	**0.0185**	137.73	0.02	2.55
RAA15-A22	2	7,710	4 - 5	0.3	285.54	0.30	85.66
RAA15-A26	3	6,030	4 - 5	0.089	223.34	0.09	19.88
RAA15-C20	123,132,133	4,201	4 - 5	**0.0245**	155.58	0.02	3.81
RAA15-C22	6	11,779	4 - 5	0.32	436.24	0.32	139.60
RAA15-C24	7	17,357	4 - 5	0.019	642.84	0.02	12.21
Totals:	--	51,301	--	--	1,900.02	--	264.20
					Volume-Weighted Average:		**0.14**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	88	506	5 - 6	**0.026**	18.74	0.03	0.49
RAA15-A20	90	3,719	5 - 6	**0.0185**	137.73	0.02	2.55
RAA15-A22	2	7,710	5 - 6	0.3	285.54	0.30	85.66
RAA15-A26	3	6,030	5 - 6	0.089	223.34	0.09	19.88
RAA15-C20	114,126,124	4,201	5 - 6	**0.0245**	155.58	0.02	3.81
RAA15-C22	6	11,779	5 - 6	0.32	436.24	0.32	139.60
RAA15-C24	7	17,357	5 - 6	0.019	642.84	0.02	12.21
Totals:	--	51,301	--	--	1,900.02	--	264.20
					Volume-Weighted Average:		**0.14**

SUMMARY: 1- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,301	-	--	9,500.12	--	2,551.38
					Volume-Weighted Average:		**0.27**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-7.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-29
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLES D-24)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,300	--	--	1,900.02	--	8,949.75
					Volume-Weighted Average:		**4.71**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-28)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,301	--	--	9,500.12	--	2,551.38
					Volume-Weighted Average:		**0.27**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	89	506	6 - 7	**0.0255**	18.74	0.03	0.48
RAA15-A20	91	3,719	6 - 7	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	6 - 7	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	6 - 7	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	6 - 7	**0.0185**	194.22	0.02	3.59
RAA15-C20	115,124,125	4,201	6 - 7	**0.025**	155.58	0.03	3.89
RAA15-C22	7	11,777	6 - 7	5.5	436.19	5.50	2,399.04
RAA15-C24	8	15,521	6 - 7	0.33	574.86	0.33	189.70
Totals:	--	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	88	506	7 - 8	**0.0255**	18.74	0.03	0.48
RAA15-A20	90	3,719	7 - 8	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	7 - 8	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	7 - 8	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	7 - 8	**0.0185**	194.22	0.02	3.59
RAA15-C20	112,121,122	4,201	7 - 8	**0.025**	155.58	0.03	3.89
RAA15-C22	7	11,777	7 - 8	5.5	436.19	5.50	2,399.04
RAA15-C24	8	15,521	7 - 8	0.33	574.86	0.33	189.70
Totals:	--	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	72	506	8 - 9	**0.0255**	18.74	0.03	0.48
RAA15-A20	74	3,719	8 - 9	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	8 - 9	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	8 - 9	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	8 - 9	**0.0185**	194.22	0.02	3.59
RAA15-C20	92,103,104	4,201	8 - 9	**0.025**	155.58	0.03	3.89
RAA15-C22	6	11,777	8 - 9	5.5	436.19	5.50	2,399.04
RAA15-C24	7	15,521	8 - 9	0.33	574.86	0.33	189.70
Totals:	--	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

TABLE D-29
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	70	506	9 - 10	**0.0255**	18.74	0.03	0.48
RAA15-A20	72	3,719	9 - 10	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	9 - 10	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	9 - 10	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	9 - 10	**0.0185**	194.22	0.02	3.59
RAA15-C20	88,101,102	4,201	9 - 10	**0.025**	155.58	0.03	3.89
RAA15-C22	6	11,777	9 - 10	5.5	436.19	5.50	2,399.04
RAA15-C24	7	15,521	9 - 10	0.33	574.86	0.33	189.70
Totals:	**--**	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	67	503	10 - 11	**0.0205**	18.64	0.02	0.38
RAA15-A20	69	3,663	10 - 11	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	10 - 11	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	10 - 11	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	10 - 11	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	85,99,100	4,195	10 - 11	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	10 - 11	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	10 - 11	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	67	503	11 - 12	**0.0205**	18.64	0.02	0.38
RAA15-A20	69	3,663	11 - 12	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	11 - 12	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	11 - 12	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	11 - 12	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	82,96,97	4,195	11 - 12	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	11 - 12	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	11 - 12	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	65	503	12 - 13	**0.0205**	18.64	0.02	0.38
RAA15-A20	67	3,663	12 - 13	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	12 - 13	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	12 - 13	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	12 - 13	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	80,94,95	4,195	12 - 13	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	12 - 13	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	12 - 13	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

TABLE D-29
EXISTING CONDITIONS
PARCEL K10-11-5 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	65	503	13 - 14	**0.0205**	18.64	0.02	0.38
RAA15-A20	67	3,663	13 - 14	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	13 - 14	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	13 - 14	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	13 - 14	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	80,94,95	4,195	13 - 14	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	13 - 14	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	13 - 14	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	65	503	14 - 15	**0.0205**	18.64	0.02	0.38
RAA15-A20	67	3,663	14 - 15	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	14 - 15	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	14 - 15	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	14 - 15	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	80,94,95	4,195	14 - 15	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	14 - 15	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	14 - 15	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	**--**	51,301	--	--	28,500.34	--	22,724.59
					Volume-Weighted Average:		**0.80**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-30
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	186	178	0 - 0.5	3.6	3.29	3.60	11.86
RAA15-A20	187,189,248	1,686	0 - 0.5	0.38	31.22	0.38	11.86
RAA15-A21	3,50	1,793	0 - 0.5	0.61	33.20	0.61	20.25
RAA15-A22	4	1,830	0 - 0.5	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0 - 0.5	0.21	32.51	0.21	6.83
RAA15-A24	6,51	1,485	0 - 0.5	0.16	27.49	0.16	4.40
RAA15-A25	52	590	0 - 0.5	0.11	10.92	0.11	1.20
RAA15-A26	53	1,614	0 - 0.5	1.1	29.90	1.10	32.89
RAA15-A27	54	1,723	0 - 0.5	0.55	31.91	0.55	17.55
RAA15-B19	191	401	0 - 0.5	67	7.42	67.00	497.07
RAA15-B20	178	727	0 - 0.5	***0.021***	13.47	0.02	0.28
RAA15-B21	180	2,248	0 - 0.5	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0 - 0.5	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0 - 0.5	**0.02**	46.14	0.02	0.92
RAA15-B24	60,203	2,910	0 - 0.5	0.33	53.90	0.33	17.79
RAA15-C19	182	19	0 - 0.5	0.32	0.35	0.32	0.11
RAA15-C20	199,249,250	378	0 - 0.5	0.28	6.99	0.28	1.96
RAA15-C21	193,194	2,490	0 - 0.5	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0 - 0.5	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0 - 0.5	0.0089	46.49	0.01	0.41
RAA15-C24	18,67	2,508	0 - 0.5	0.041	46.44	0.04	1.90
RAA15-C25	68	1,691	0 - 0.5	0.17	31.31	0.17	5.32
RAA15-D20	195	1,428	0 - 0.5	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0 - 0.5	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0 - 0.5	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0 - 0.5	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0 - 0.5	0.017	44.42	0.02	0.76
RAA15-D25	29,75	1,931	0 - 0.5	0.272	35.75	0.27	9.72
RAA15-D26	30,76	1,772	0 - 0.5	0.73	32.82	0.73	23.96
RAA15-D27	31,216,217	2,010	0 - 0.5	0.43	37.23	0.43	16.01
Totals:	--	51,300	--	--	950.01	--	703.04
					Volume-Weighted Average:		**0.74**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	181	178	0.5 - 1	3.6	3.29	3.60	11.86
RAA15-A20	182,185,248	1,686	0.5 - 1	0.38	31.22	0.38	11.86
RAA15-A21	3,50	1,793	0.5 - 1	0.61	33.20	0.61	20.25
RAA15-A22	4	1,830	0.5 - 1	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0.5 - 1	0.21	32.51	0.21	6.83
RAA15-A24	6,51	1,485	0.5 - 1	0.16	27.49	0.16	4.40
RAA15-A25	52	590	0.5 - 1	0.11	10.92	0.11	1.20
RAA15-A26	53	1,614	0.5 - 1	1.1	29.90	1.10	32.89
RAA15-A27	54	1,723	0.5 - 1	0.55	31.91	0.55	17.55
RAA15-B19	198	401	0.5 - 1	67	7.42	67.00	497.07
RAA15-B20	189	727	0.5 - 1	***0.021***	13.47	0.02	0.28
RAA15-B21	191	2,248	0.5 - 1	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0.5 - 1	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0.5 - 1	**0.02**	46.14	0.02	0.92
RAA15-B24	60,203	2,910	0.5 - 1	0.33	53.90	0.33	17.79
RAA15-C19	193	19	0.5 - 1	0.32	0.35	0.32	0.11
RAA15-C20	196,249,250	378	0.5 - 1	0.28	6.99	0.28	1.96
RAA15-C21	96,97	2,490	0.5 - 1	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0.5 - 1	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0.5 - 1	0.0089	46.49	0.01	0.41
RAA15-C24	18,67	2,508	0.5 - 1	0.041	46.44	0.04	1.90
RAA15-C25	68	1,691	0.5 - 1	0.17	31.31	0.17	5.32
RAA15-D20	98	1,428	0.5 - 1	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0.5 - 1	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0.5 - 1	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0.5 - 1	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0.5 - 1	0.017	44.42	0.02	0.76
RAA15-D25	29,75	1,931	0.5 - 1	0.272	35.75	0.27	9.72
RAA15-D26	30,76	1,772	0.5 - 1	0.73	32.82	0.73	23.96
RAA15-D27	31,216,217	2,010	0.5 - 1	0.43	37.23	0.43	16.01
Totals:	--	51,300	--	--	950.01	--	703.04
					Volume-Weighted Average:		**0.74**

TABLE D-30
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,300	-	--	1,900.02	--	1,406.07
					Volume-Weighted Average:		**0.74**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-31
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	186	178	0 - 0.5	3.6	3.29	3.60	11.86
RAA15-A20	187,248	1,140	0 - 0.5	0.38	21.12	0.38	8.03
RAA15-A21	3	1,687	0 - 0.5	0.61	31.25	0.61	19.06
RAA15-A22	4	1,830	0 - 0.5	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0 - 0.5	0.21	32.51	0.21	6.83
RAA15-A24	6	548	0 - 0.5	0.16	10.15	0.16	1.62
RAA15-B19	191	401	0 - 0.5	67	7.42	67.00	497.07
RAA15-B20	178	727	0 - 0.5	***0.021***	13.47	0.02	0.28
RAA15-B21	180	2,248	0 - 0.5	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0 - 0.5	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0 - 0.5	**0.02**	46.14	0.02	0.92
RAA15-B24	203	1,262	0 - 0.5	0.33	23.37	0.33	7.71
RAA15-C19	182	19	0 - 0.5	0.32	0.35	0.32	0.11
RAA15-C20	199,249,250	378	0 - 0.5	0.28	6.99	0.28	1.96
RAA15-C21	193,194	2,490	0 - 0.5	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0 - 0.5	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0 - 0.5	0.0089	46.49	0.01	0.41
RAA15-C24	18	1,500	0 - 0.5	0.041	27.79	0.04	1.14
RAA15-D20	195	1,428	0 - 0.5	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0 - 0.5	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0 - 0.5	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0 - 0.5	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0 - 0.5	0.017	44.42	0.02	0.76
RAA15-D25	29	1,290	0 - 0.5	0.272	23.89	0.27	6.50
RAA15-D26	30	1,215	0 - 0.5	0.73	22.49	0.73	16.42
RAA15-D27	31,217	1,977	0 - 0.5	0.43	36.61	0.43	15.74
Totals:	--	40,207	--	--	744.58	--	616.40
					Volume-Weighted Average:		**0.83**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19	181	178	0.5 - 1	3.6	3.29	3.60	11.86
RAA15-A20	182,248	1,140	0.5 - 1	0.38	21.12	0.38	8.03
RAA15-A21	3	1,687	0.5 - 1	0.61	31.25	0.61	19.06
RAA15-A22	4	1,830	0.5 - 1	0.042	33.90	0.04	1.42
RAA15-A23	5	1,755	0.5 - 1	0.21	32.51	0.21	6.83
RAA15-A24	6	548	0.5 - 1	0.16	10.15	0.16	1.62
RAA15-B19	198	401	0.5 - 1	67	7.42	67.00	497.07
RAA15-B20	189	727	0.5 - 1	***0.021***	13.47	0.02	0.28
RAA15-B21	191	2,248	0.5 - 1	0.085	41.62	0.09	3.54
RAA15-B22	9	2,359	0.5 - 1	**0.022**	43.69	0.02	0.96
RAA15-B23	10	2,491	0.5 - 1	**0.02**	46.14	0.02	0.92
RAA15-B24	203	1,262	0.5 - 1	0.33	23.37	0.33	7.71
RAA15-C19	193	19	0.5 - 1	0.32	0.35	0.32	0.11
RAA15-C20	196,249,250	378	0.5 - 1	0.28	6.99	0.28	1.96
RAA15-C21	96,97	2,490	0.5 - 1	0.016	46.12	0.02	0.74
RAA15-C22	16	2,495	0.5 - 1	0.016	46.20	0.02	0.74
RAA15-C23	17	2,510	0.5 - 1	0.0089	46.49	0.01	0.41
RAA15-C24	18	1,500	0.5 - 1	0.041	27.79	0.04	1.14
RAA15-D20	98	1,428	0.5 - 1	0.19	26.44	0.19	5.02
RAA15-D21	25	1,549	0.5 - 1	0.083	28.69	0.08	2.38
RAA15-D22	26	2,006	0.5 - 1	0.029	37.14	0.03	1.08
RAA15-D23	27	2,324	0.5 - 1	0.095	43.03	0.10	4.09
RAA15-D24	28	2,399	0.5 - 1	0.017	44.42	0.02	0.76
RAA15-D25	29	1,290	0.5 - 1	0.272	23.89	0.27	6.50
RAA15-D26	30	1,215	0.5 - 1	0.73	22.49	0.73	16.42
RAA15-D27	31,217	1,977	0.5 - 1	0.43	36.61	0.43	15.74
Totals:	--	40,207	--	--	744.58	--	616.40
					Volume-Weighted Average:		**0.83**

TABLE D-31
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 1-FOOT DEPTH INCREMENT (UNPAVED)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	40,207	--	--	1,489.16	--	1,232.79
					Volume-Weighted Average:		**0.83**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set

TABLE D-32
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLES D-30)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,300	--	--	1,900.02	--	1,406.07
					Volume-Weighted Average:		**0.74**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	102	506	1 - 2	1.34	18.74	1.34	25.11
RAA15-A20	104	3,719	1 - 2	0.09	137.73	0.09	12.40
RAA15-A22	26	5,700	1 - 2	3.5	211.10	3.50	738.86
RAA15-A24	27	4,633	1 - 2	0.195	171.59	0.20	33.46
RAA15-A26	28	5,244	1 - 2	0.12	194.22	0.12	23.31
RAA15-C20	106,118,119	4,201	1 - 2	0.0325	155.58	0.03	5.06
RAA15-C22	29	11,777	1 - 2	**0.018**	436.19	0.02	7.85
RAA15-C24	30	15,521	1 - 2	0.058	574.86	0.06	33.34
Totals:	--	51,301	--	--	1,900.02	--	879.39
					Volume-Weighted Average:		**0.46**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	102	506	2 - 3	1.34	18.74	1.34	25.11
RAA15-A20	104	3,719	2 - 3	0.09	137.73	0.09	12.40
RAA15-A22	3	5,700	2 - 3	3.5	211.10	3.50	738.86
RAA15-A24	4	4,633	2 - 3	0.195	171.59	0.20	33.46
RAA15-A26	5	5,244	2 - 3	0.12	194.22	0.12	23.31
RAA15-C20	106,118,119	4,201	2 - 3	0.0325	155.58	0.03	5.06
RAA15-C22	6	11,777	2 - 3	**0.018**	436.19	0.02	7.85
RAA15-C24	7	15,521	2 - 3	0.058	574.86	0.06	33.34
Totals:	--	51,301	--	--	1,900.02	--	879.39
					Volume-Weighted Average:		**0.46**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,301	-	--	5,700.06	--	3,164.85
					Volume-Weighted Average:		**0.56**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-33
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLES D-30)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,300	--	--	1,900.02	--	1,406.07
					Volume-Weighted Average:		**0.74**

1- TO 6-FOOT DEPTH INCREMENT (TABLE D-28)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	51,301	--	--	9,500.12	--	2,551.38
					Volume-Weighted Average:		**0.27**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	89	506	6 - 7	**0.0255**	18.74	0.03	0.48
RAA15-A20	91	3,719	6 - 7	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	6 - 7	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	6 - 7	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	6 - 7	**0.0185**	194.22	0.02	3.59
RAA15-C20	115,124,125	4,201	6 - 7	**0.025**	155.58	0.03	3.89
RAA15-C22	7	11,777	6 - 7	5.5	436.19	5.50	2,399.04
RAA15-C24	8	15,521	6 - 7	0.33	574.86	0.33	189.70
Totals:	--	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	88	506	7 - 8	**0.0255**	18.74	0.03	0.48
RAA15-A20	90	3,719	7 - 8	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	7 - 8	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	7 - 8	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	7 - 8	**0.0185**	194.22	0.02	3.59
RAA15-C20	112,121,122	4,201	7 - 8	**0.025**	155.58	0.03	3.89
RAA15-C22	7	11,777	7 - 8	5.5	436.19	5.50	2,399.04
RAA15-C24	8	15,521	7 - 8	0.33	574.86	0.33	189.70
Totals:	--	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	72	506	8 - 9	**0.0255**	18.74	0.03	0.48
RAA15-A20	74	3,719	8 - 9	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	8 - 9	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	8 - 9	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	8 - 9	**0.0185**	194.22	0.02	3.59
RAA15-C20	92,103,104	4,201	8 - 9	**0.025**	155.58	0.03	3.89
RAA15-C22	6	11,777	8 - 9	5.5	436.19	5.50	2,399.04
RAA15-C24	7	15,521	8 - 9	0.33	574.86	0.33	189.70
Totals:	--	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

TABLE D-33
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	70	506	9 - 10	**0.0255**	18.74	0.03	0.48
RAA15-A20	72	3,719	9 - 10	**0.018**	137.73	0.02	2.48
RAA15-A22	2	5,700	9 - 10	**0.0195**	211.10	0.02	4.12
RAA15-A24	3	4,633	9 - 10	**0.0175**	171.59	0.02	3.00
RAA15-A26	4	5,244	9 - 10	**0.0185**	194.22	0.02	3.59
RAA15-C20	88,101,102	4,201	9 - 10	**0.025**	155.58	0.03	3.89
RAA15-C22	6	11,777	9 - 10	5.5	436.19	5.50	2,399.04
RAA15-C24	7	15,521	9 - 10	0.33	574.86	0.33	189.70
Totals:	**--**	51,301	--	--	1,900.02	--	2,606.30
					Volume-Weighted Average:		**1.37**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	67	503	10 - 11	**0.0205**	18.64	0.02	0.38
RAA15-A20	69	3,663	10 - 11	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	10 - 11	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	10 - 11	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	10 - 11	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	85,99,100	4,195	10 - 11	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	10 - 11	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	10 - 11	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	67	503	11 - 12	**0.0205**	18.64	0.02	0.38
RAA15-A20	69	3,663	11 - 12	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	11 - 12	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	11 - 12	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	11 - 12	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	82,96,97	4,195	11 - 12	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	11 - 12	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	11 - 12	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	65	503	12 - 13	**0.0205**	18.64	0.02	0.38
RAA15-A20	67	3,663	12 - 13	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	12 - 13	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	12 - 13	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	12 - 13	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	80,94,95	4,195	12 - 13	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	12 - 13	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	12 - 13	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

TABLE D-33
POST-REMEDIATION CONDITIONS
PARCEL K10-11-5 - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	65	503	13 - 14	**0.0205**	18.64	0.02	0.38
RAA15-A20	67	3,663	13 - 14	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	13 - 14	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	13 - 14	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	13 - 14	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	80,94,95	4,195	13 - 14	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	13 - 14	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	13 - 14	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A19SW	65	503	14 - 15	**0.0205**	18.64	0.02	0.38
RAA15-A20	67	3,663	14 - 15	0.0082	135.67	0.01	1.11
RAA15-A22	2	5,691	14 - 15	**0.019**	210.78	0.02	4.00
RAA15-A24	3	4,633	14 - 15	**0.018**	171.59	0.02	3.09
RAA15-A26	4	5,244	14 - 15	0.0087	194.22	0.01	1.69
RAA15-C20 (OFFSET)	80,94,95	4,195	14 - 15	**0.02**	155.37	0.02	3.11
RAA15-C22	5	11,850	14 - 15	0.218	438.90	0.22	95.68
RAA15-C24	6	15,521	14 - 15	0.088	574.86	0.09	50.59
Totals:	**--**	51,301	--	--	1,900.02	--	159.65
					Volume-Weighted Average:		**0.08**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	**--**	51,301	--	--	28,500.34	--	15,180.91
					Volume-Weighted Average:		**0.53**

Notes:

1. Polygon ID and area based on information shown on Figures D-8 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-10-3

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TABLE D-34
EXISTING CONDITIONS
PARCEL K10-10-3: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	254	15	0 - 0.5	0.225	0.28	0.23	0.06
R34(B)A045	255	382	0 - 0.5	**0.25**	7.07	0.25	1.77
R34(B)B000	256	44	0 - 0.5	0.3	0.81	0.30	0.24
R34(B)B022	257	694	0 - 0.5	**0.25**	12.84	0.25	3.21
R34(B)C000	258	1	0 - 0.5	**0.275**	0.01	0.28	0.003
R34(B)C022	259	581	0 - 0.5	**0.3**	10.75	0.30	3.23
R34(B)D022	260	428	0 - 0.5	0.3	7.93	0.30	2.38
R34(B)E022	261	587	0 - 0.5	0.245	10.87	0.25	2.66
R34(B)E045	262	812	0 - 0.5	**0.3125**	15.04	0.31	4.70
R34(B)F045	263	827	0 - 0.5	**0.25**	15.31	0.25	3.83
RAA15-H7	290	1,127	0 - 0.5	0.14	20.87	0.14	2.92
RAA15-H8	351	164	0 - 0.5	0.063	3.03	0.06	0.19
RAA15-J6	305	1,413	0 - 0.5	0.28	26.17	0.28	7.33
RAA15-J7	306	2,040	0 - 0.5	0.02	37.77	0.02	0.76
RAA15-J8	352	903	0 - 0.5	0.034	16.73	0.03	0.57
RAA15-J8.5	353	125	0 - 0.5	0.11	2.32	0.11	0.26
RAA15-K8.5	355	126	0 - 0.5	0.222	2.33	0.22	0.52
RAA15-L5	322	781	0 - 0.5	0.26	14.46	0.26	3.76
RAA15-L6	323	1,668	0 - 0.5	0.15	30.88	0.15	4.63
RAA15-L7	324	1,072	0 - 0.5	0.054	19.85	0.05	1.07
RAA15-L8	357	507	0 - 0.5	0.26	9.39	0.26	2.44
RAA15-N6	339	241	0 - 0.5	0.084	4.46	0.08	0.37
RAA15-N7	340	210	0 - 0.5	0.083	3.89	0.08	0.32
Totals:	--	14,744	--	--	273.04	--	47.22
					Volume-Weighted Average:		**0.17**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	254	15	0.5 - 1	**0.25**	0.28	0.25	0.07
R34(B)A045	255	382	0.5 - 1	**0.25**	7.07	0.25	1.77
R34(B)B000	256	44	0.5 - 1	0.3	0.81	0.30	0.24
R34(B)B022	257	694	0.5 - 1	0.265	12.84	0.27	3.40
R34(B)C000	258	1	0.5 - 1	0.275	0.01	0.28	0.003
R34(B)C022	259	581	0.5 - 1	**0.3**	10.75	0.30	3.23
R34(B)D022	260	428	0.5 - 1	0.35	7.93	0.35	2.77
R34(B)E022	261	587	0.5 - 1	**0.25**	10.87	0.25	2.72
R34(B)E045	262	812	0.5 - 1	**0.275**	15.04	0.28	4.13
R34(B)F045	263	827	0.5 - 1	**0.3**	15.31	0.30	4.59
RAA15-H7	290	1,127	0.5 - 1	0.14	20.87	0.14	2.92
RAA15-H8	347	164	0.5 - 1	0.063	3.03	0.06	0.19
RAA15-J6	305	1,413	0.5 - 1	0.28	26.17	0.28	7.33
RAA15-J7	306	2,040	0.5 - 1	0.02	37.77	0.02	0.76
RAA15-J8	348	903	0.5 - 1	0.034	16.73	0.03	0.57
RAA15-J8.5	349	125	0.5 - 1	0.11	2.32	0.11	0.26
RAA15-K8.5	351	126	0.5 - 1	0.222	2.33	0.22	0.52
RAA15-L5	322	781	0.5 - 1	0.26	14.46	0.26	3.76
RAA15-L6	323	1,668	0.5 - 1	0.15	30.88	0.15	4.63
RAA15-L7	324	1,072	0.5 - 1	0.054	19.85	0.05	1.07
RAA15-L8	353	507	0.5 - 1	0.26	9.39	0.26	2.44
RAA15-N6	339	241	0.5 - 1	0.084	4.46	0.08	0.37
RAA15-N7	340	210	0.5 - 1	0.083	3.89	0.08	0.32
Totals:	--	14,744	--	--	273.04	--	48.07
					Volume-Weighted Average:		**0.18**

TABLE D-34
EXISTING CONDITIONS
PARCEL K10-10-3: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,744	--	--	546.09	--	95.29
					Volume-Weighted Average:		**0.17**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-35
EXISTING CONDITIONS
PARCEL K10-10-3: 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-34)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,744	--	--	546.09	--	95.29
					Volume-Weighted Average:		**0.17**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	3	573	1 - 2	**0.25**	21.22	0.25	5.30
R34(B)C000	4	449	1 - 2	**0.25**	16.64	0.25	4.16
R34(B)D022	5	2,041	1 - 2	**0.3**	75.59	0.30	22.68
R34(B)E045	6	3,065	1 - 2	**0.3**	113.52	0.30	34.05
RAA15-J6	15	4,016	1 - 2	0.19	148.75	0.19	28.26
RAA15-J8	33	3,101	1 - 2	**0.0185**	114.86	0.02	2.12
RAA15-L9	35	69	1 - 2	0.0071	2.57	0.01	0.02
RAA15-N6	21	1,429	1 - 2	0.021	52.94	0.02	1.11
Totals:	--	14,744	--	--	546.09	--	97.71
					Volume-Weighted Average:		**0.18**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	12	573	2 - 3	**0.25**	21.22	0.25	5.30
R34(B)C000	13	449	2 - 3	**0.25**	16.64	0.25	4.16
R34(B)D022	14	2,041	2 - 3	**0.25**	75.59	0.25	18.90
R34(B)E045	15	3,065	2 - 3	**0.3**	113.52	0.30	34.05
RAA15-J6	24	4,016	2 - 3	0.19	148.75	0.19	28.26
RAA15-J8	33	3,101	2 - 3	**0.0185**	114.86	0.02	2.12
RAA15-L9	35	69	2 - 3	0.0071	2.57	0.01	0.02
RAA15-N6	30	1,429	2 - 3	0.021	52.94	0.02	1.11
Totals:	--	14,744	--	--	546.09	--	93.94
					Volume-Weighted Average:		**0.17**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,744	--	--	1,638.27	--	286.94
					Volume-Weighted Average:		**0.18**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-36
EXISTING CONDITIONS
PARCEL K10-10-3: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-35)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,744	--	--	1,638.27	--	286.94
					Volume-Weighted Average:		**0.18**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	11	573	3 - 4	**0.25**	21.22	0.25	5.30
R34(B)C000	12	449	3 - 4	**0.25**	16.64	0.25	4.16
R34(B)D022	13	2,041	3 - 4	**0.25**	75.59	0.25	18.90
R34(B)E045	14	3,065	3 - 4	**0.3**	113.52	0.30	34.05
RAA15-J6	23	4,016	3 - 4	0.054	148.75	0.05	8.03
RAA15-J8	32	3,101	3 - 4	**0.019**	114.86	0.02	2.18
RAA15-L9	34	69	3 - 4	**0.0175**	2.57	0.02	0.04
RAA15-N6	29	1,429	3 - 4	**0.019**	52.94	0.02	1.01
Totals:	--	14,744	--	--	546.09	--	73.68
					Volume-Weighted Average:		**0.13**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	16	573	4 - 5	**0.25**	21.22	0.25	5.30
R34(B)C000	17	449	4 - 5	**0.15**	16.64	0.15	2.50
R34(B)D022	18	2,041	4 - 5	**0.25**	75.59	0.25	18.90
R34(B)E045	19	3,065	4 - 5	**0.25**	113.52	0.25	28.38
RAA15-J6	28	4,016	4 - 5	0.054	148.75	0.05	8.03
RAA15-J8	100	3,101	4 - 5	**0.019**	114.86	0.02	2.18
RAA15-L9	102	69	4 - 5	**0.0175**	2.57	0.02	0.04
RAA15-N6	34	1,429	4 - 5	**0.019**	52.94	0.02	1.01
Totals:	--	14,744	--	--	546.09	--	66.34
					Volume-Weighted Average:		**0.12**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	15	573	5 - 6	**0.25**	21.22	0.25	5.30
R34(B)C000	16	449	5 - 6	**0.15**	16.64	0.15	2.50
R34(B)D022	93	2,056	5 - 6	**0.25**	76.16	0.25	19.04
R34(B)E045	95	3,108	5 - 6	**0.25**	115.13	0.25	28.78
RAA15-J6	24	4,016	5 - 6	0.054	148.75	0.05	8.03
RAA15-J8	96	3,112	5 - 6	**0.019**	115.24	0.02	2.19
RAA15-N6	27	1,429	5 - 6	**0.019**	52.94	0.02	1.01
Totals:	--	14,744	--	--	546.09	--	66.85
					Volume-Weighted Average:		**0.12**

TABLE D-36
EXISTING CONDITIONS
PARCEL K10-10-3: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	16	573	6 - 7	**0.25**	21.22	0.25	5.30
R34(B)C000	17	449	6 - 7	**0.25**	16.64	0.25	4.16
R34(B)D022	94	2,056	6 - 7	**0.25**	76.16	0.25	19.04
R34(B)E045	96	3,108	6 - 7	**0.25**	115.13	0.25	28.78
RAA15-J6	25	4,016	6 - 7	0.039	148.75	0.04	5.80
RAA15-J8	97	3,112	6 - 7	**0.0195**	115.24	0.02	2.25
RAA15-N6	28	1,429	6 - 7	**0.0175**	52.94	0.02	0.93
Totals:	--	14,744	--	--	546.09	--	66.26
					Volume-Weighted Average:		**0.12**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
R34(B)A022	16	573	7 - 8	**0.25**	21.22	0.25	5.30
R34(B)C000	17	449	7 - 8	**0.25**	16.64	0.25	4.16
R34(B)D022	93	2,056	7 - 8	**0.25**	76.16	0.25	19.04
R34(B)E045	95	3,108	7 - 8	**0.25**	115.13	0.25	28.78
RAA15-J6	25	4,016	7 - 8	0.039	148.75	0.04	5.80
RAA15-J8	96	3,112	7 - 8	**0.0195**	115.24	0.02	2.25
RAA15-N6	28	1,429	7 - 8	**0.0175**	52.94	0.02	0.93
Totals:	--	14,744	--	--	546.09	--	66.26
					Volume-Weighted Average:		**0.12**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	19	5,264	8 - 9	0.039	194.95	0.04	7.60
RAA15-J8	76	6,064	8 - 9	**0.0195**	224.61	0.02	4.38
RAA15-N6	22	3,416	8 - 9	**0.0175**	126.54	0.02	2.21
Totals:	--	14,744	--	--	546.09	--	14.20
					Volume-Weighted Average:		**0.03**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	19	5,264	9 - 10	0.039	194.95	0.04	7.60
RAA15-J8	74	6,064	9 - 10	**0.0195**	224.61	0.02	4.38
RAA15-N6	20	3,416	9 - 10	**0.0175**	126.54	0.02	2.21
Totals:	--	14,744	--	--	546.09	--	14.20
					Volume-Weighted Average:		**0.03**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	17	5,264	10 - 11	0.04	194.95	0.04	7.80
RAA15-J8	71	6,064	10 - 11	**0.02**	224.61	0.02	4.49
RAA15-N6	18	3,416	10 - 11	**0.0195**	126.54	0.02	2.47
Totals:	--	14,744	--	--	546.09	--	14.76
					Volume-Weighted Average:		**0.03**

TABLE D-36
EXISTING CONDITIONS
PARCEL K10-10-3: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	17	5,264	11 - 12	0.04	194.95	0.04	7.80
RAA15-J8	71	6,064	11 - 12	**0.02**	224.61	0.02	4.49
RAA15-N6	18	3,416	11 - 12	**0.0195**	126.54	0.02	2.47
Totals:	--	14,744	--	--	546.09	--	14.76
					Volume-Weighted Average:		**0.03**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	16	5,264	12 - 13	0.04	194.95	0.04	7.80
RAA15-J8	69	6,064	12 - 13	**0.02**	224.61	0.02	4.49
RAA15-N6	17	3,416	12 - 13	**0.0195**	126.54	0.02	2.47
Totals:	--	14,744	--	--	546.09	--	14.76
					Volume-Weighted Average:		**0.03**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	16	5,264	13 - 14	0.04	194.95	0.04	7.80
RAA15-J8	69	6,064	13 - 14	**0.02**	224.61	0.02	4.49
RAA15-N6	17	3,416	13 - 14	**0.0195**	126.54	0.02	2.47
Totals:	--	14,744	--	--	546.09	--	14.76
					Volume-Weighted Average:		**0.03**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-J6	16	5,264	14 - 15	0.04	194.95	0.04	7.80
RAA15-J8	69	6,064	14 - 15	**0.02**	224.61	0.02	4.49
RAA15-N6	17	3,416	14 - 15	**0.0195**	126.54	0.02	2.47
Totals:	--	14,744	--	--	546.09	--	14.76
					Volume-Weighted Average:		**0.03**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	14,744	--	--	8,191.38	--	728.52
					Volume-Weighted Average:		**0.09**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-10-4

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TABLE D-37
EXISTING CONDITIONS
PARCEL K10-10-4: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G9	282	1,094	0 - 0.5	0.26	20.26	0.26	5.27
RAA15-G11	276	1,040	0 - 0.5	0.042	19.26	0.04	0.81
RAA15-G13	358	885	0 - 0.5	0.11	16.38	0.11	1.80
RAA15-G15	359	74	0 - 0.5	0.057	1.37	0.06	0.08
RAA15-GH12	361	534	0 - 0.5	0.1	9.90	0.10	0.99
RAA15-GH13	363	9	0 - 0.5	0.16	0.16	0.16	0.03
RAA15-H8	393,394	1,192	0 - 0.5	0.063	22.07	0.06	1.39
RAA15-H9	291	1,797	0 - 0.5	0.235	33.28	0.24	7.82
RAA15-H11	364	730	0 - 0.5	0.066	13.52	0.07	0.89
RAA15-I10	366	289	0 - 0.5	0.245	5.34	0.25	1.31
RAA15-J8	395,396	89	0 - 0.5	0.034	1.64	0.03	0.06
RAA15-J8.5	397,398	595	0 - 0.5	0.11	11.03	0.11	1.21
RAA15-J9	368	177	0 - 0.5	0.13	3.27	0.13	0.42
Totals:	--	8,504	--	--	157.49	--	22.08
					Volume-Weighted Average:		**0.14**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G9	282	1,094	0.5 - 1	0.26	20.26	0.26	5.27
RAA15-G11	276	1,040	0.5 - 1	0.042	19.26	0.04	0.81
RAA15-G13	354	885	0.5 - 1	0.11	16.38	0.11	1.80
RAA15-G15	355	74	0.5 - 1	0.057	1.37	0.06	0.08
RAA15-GH12	357	534	0.5 - 1	0.1	9.90	0.10	0.99
RAA15-GH13	359	9	0.5 - 1	0.16	0.16	0.16	0.03
RAA15-H8	389,390	1,192	0.5 - 1	0.063	22.07	0.06	1.39
RAA15-H9	291	1,797	0.5 - 1	0.235	33.28	0.24	7.82
RAA15-H11	360	730	0.5 - 1	0.066	13.52	0.07	0.89
RAA15-I10	362	289	0.5 - 1	0.245	5.34	0.25	1.31
RAA15-J8	391,392	89	0.5 - 1	0.034	1.64	0.03	0.06
RAA15-J8.5	393,394	595	0.5 - 1	0.11	11.03	0.11	1.21
RAA15-J9	364	177	0.5 - 1	0.13	3.27	0.13	0.42
Totals:	--	8,504	--	--	157.49	--	22.08
					Volume-Weighted Average:		**0.14**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,504	--	--	314.98	--	44.16
					Volume-Weighted Average:		**0.14**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-38
EXISTING CONDITIONS
PARCEL K10-10-4: 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-37)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,504	--	--	314.98	--	44.16
					Volume-Weighted Average:		**0.14**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	36	2,544	1 - 2	**0.019**	94.21	0.02	1.79
RAA15-G15	38	438	1 - 2	0.016	16.21	0.02	0.26
RAA15-H11	39	2,204	1 - 2	0.011	81.64	0.01	0.90
RAA15-H13	41	24	1 - 2	**0.0195**	0.89	0.02	0.02
RAA15-J8	44	1,656	1 - 2	**0.0185**	61.35	0.02	1.13
RAA15-J9	42	1,638	1 - 2	**0.0185**	60.68	0.02	1.12
Totals:	--	8,504	--	--	314.98	--	5.22
					Volume-Weighted Average:		**0.02**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	36	2,544	2 - 3	**0.019**	94.21	0.02	1.79
RAA15-G15	38	438	2 - 3	0.016	16.21	0.02	0.26
RAA15-H11	39	2,204	2 - 3	0.011	81.64	0.01	0.90
RAA15-H13	41	24	2 - 3	**0.0195**	0.89	0.02	0.02
RAA15-J8	44	1,656	2 - 3	**0.0185**	61.35	0.02	1.13
RAA15-J9	42	1,638	2 - 3	**0.0185**	60.68	0.02	1.12
Totals:	--	8,504	--	--	314.98	--	5.22
					Volume-Weighted Average:		**0.02**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,504	--	--	944.94	--	54.60
					Volume-Weighted Average:		**0.06**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-39
EXISTING CONDITIONS
PARCEL K10-10-4: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-38)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,504	--	--	944.94	--	54.60
					Volume-Weighted Average:		**0.06**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	35	2,544	3 - 4	**0.0215**	94.21	0.02	2.03
RAA15-G15	37	438	3 - 4	**0.022**	16.21	0.02	0.36
RAA15-H11	38	2,204	3 - 4	**0.0195**	81.64	0.02	1.59
RAA15-H13	40	24	3 - 4	**0.0185**	0.89	0.02	0.02
RAA15-J8	43	1,656	3 - 4	**0.019**	61.35	0.02	1.17
RAA15-J9	41	1,638	3 - 4	**0.0175**	60.68	0.02	1.06
Totals:	--	8,504	--	--	314.98	--	6.22
					Volume-Weighted Average:		**0.02**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	103	2,544	4 - 5	**0.0215**	94.21	0.02	2.03
RAA15-G15	105	438	4 - 5	**0.022**	16.21	0.02	0.36
RAA15-H11	106	2,204	4 - 5	**0.0195**	81.64	0.02	1.59
RAA15-H13	108	24	4 - 5	**0.0185**	0.89	0.02	0.02
RAA15-J8	111	1,656	4 - 5	**0.019**	61.35	0.02	1.17
RAA15-J9	109	1,638	4 - 5	**0.0175**	60.68	0.02	1.06
Totals:	--	8,504	--	--	314.98	--	6.22
					Volume-Weighted Average:		**0.02**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	97	4,385	5 - 6	**0.0215**	162.42	0.02	3.49
RAA15-G15	99	440	5 - 6	**0.022**	16.31	0.02	0.36
RAA15-J8	102	3,032	5 - 6	**0.019**	112.30	0.02	2.13
RAA15-J11	100	647	5 - 6	**0.0225**	23.95	0.02	0.54
Totals:	--	8,504	--	--	314.98	--	6.52
					Volume-Weighted Average:		**0.02**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	98	4,385	6 - 7	**0.0225**	162.42	0.02	3.65
RAA15-G15	100	440	6 - 7	**0.022**	16.31	0.02	0.36
RAA15-J8	103	3,032	6 - 7	**0.0195**	112.30	0.02	2.19
RAA15-J11	101	647	6 - 7	**0.0225**	23.95	0.02	0.54
Totals:	--	8,504	--	--	314.98	--	6.74
					Volume-Weighted Average:		**0.02**

TABLE D-39
EXISTING CONDITIONS
PARCEL K10-10-4: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	97	4,753	7 - 8	**0.0225**	176.02	0.02	3.96
RAA15-G15	99	440	7 - 8	**0.022**	16.31	0.02	0.36
RAA15-J8	100	3,311	7 - 8	**0.0195**	122.64	0.02	2.39
Totals:	--	8,504	--	--	314.98	--	6.71
					Volume-Weighted Average:		**0.02**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	77	4,753	8 - 9	**0.0225**	176.02	0.02	3.96
RAA15-G15	79	440	8 - 9	**0.022**	16.31	0.02	0.36
RAA15-J8	80	3,311	8 - 9	**0.0195**	122.64	0.02	2.39
Totals:	--	8,504	--	--	314.98	--	6.71
					Volume-Weighted Average:		**0.02**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	75	4,731	9 - 10	**0.0225**	175.23	0.02	3.94
RAA15-G15	77	438	9 - 10	**0.022**	16.21	0.02	0.36
RAA15-H13	78	24	9 - 10	**0.029**	0.89	0.03	0.03
RAA15-J8	79	3,311	9 - 10	**0.0195**	122.64	0.02	2.39
Totals:	--	8,504	--	--	314.98	--	6.72
					Volume-Weighted Average:		**0.02**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	72	4,731	10 - 11	**0.021**	175.23	0.02	3.68
RAA15-G15	74	438	10 - 11	0.017	16.21	0.02	0.28
RAA15-H13	75	24	10 - 11	**0.029**	0.89	0.03	0.03
RAA15-J8	76	3,311	10 - 11	**0.02**	122.64	0.02	2.45
Totals:	--	8,504	--	--	314.98	--	6.43
					Volume-Weighted Average:		**0.02**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	72	4,753	11 - 12	**0.021**	176.02	0.02	3.70
RAA15-G15	74	440	11 - 12	0.017	16.31	0.02	0.28
RAA15-J8	75	3,311	11 - 12	**0.02**	122.64	0.02	2.45
Totals:	--	8,504	--	--	314.98	--	6.43
					Volume-Weighted Average:		**0.02**

TABLE D-39
EXISTING CONDITIONS
PARCEL K10-10-4: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	70	4,753	12 - 13	**0.021**	176.02	0.02	3.70
RAA15-G15	72	440	12 - 13	0.017	16.31	0.02	0.28
RAA15-J8	73	3,311	12 - 13	**0.02**	122.64	0.02	2.45
Totals:	--	8,504	--	--	314.98	--	6.43
					Volume-Weighted Average:		**0.02**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	70	4,753	13 - 14	**0.021**	176.02	0.02	3.70
RAA15-G15	72	440	13 - 14	0.017	16.31	0.02	0.28
RAA15-J8	73	3,311	13 - 14	**0.02**	122.64	0.02	2.45
Totals:	--	8,504	--	--	314.98	--	6.43
					Volume-Weighted Average:		**0.02**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-G11	70	4,753	14 - 15	**0.021**	176.02	0.02	3.70
RAA15-G15	72	440	14 - 15	0.017	16.31	0.02	0.28
RAA15-J8	73	3,311	14 - 15	**0.02**	122.64	0.02	2.45
Totals:	--	8,504	--	--	314.98	--	6.43
					Volume-Weighted Average:		**0.02**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	8,504	--	--	4,724.68	--	132.58
					Volume-Weighted Average:		**0.03**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcel K10-10-33

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TABLE D-40
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-2	252	2,210	0 - 0.5	0.07	40.93	0.07	2.86
RAA15-E18	264	1,587	0 - 0.5	0.21	29.39	0.21	6.17
RAA15-E19	265	1,429	0 - 0.5	0.13	26.46	0.13	3.44
RAA15-E21	266	790	0 - 0.5	0.13	14.64	0.13	1.90
RAA15-E22	267	1,023	0 - 0.5	0.1	18.95	0.10	1.89
RAA15-E23	268	850	0 - 0.5	0.15	15.74	0.15	2.36
RAA15-F17	269	2,144	0 - 0.5	0.13	39.70	0.13	5.16
RAA15-F18	270	2,854	0 - 0.5	0.18	52.85	0.18	9.51
RAA15-F19	271	2,596	0 - 0.5	2.5	48.08	2.50	120.21
RAA15-F21	272	2,268	0 - 0.5	0.041	41.99	0.04	1.72
RAA15-F22	273	2,377	0 - 0.5	0.057	44.01	0.06	2.51
RAA15-F23	274	1,934	0 - 0.5	0.084	35.81	0.08	3.01
RAA15-F24	275	2,074	0 - 0.5	0.07	38.41	0.07	2.69
RAA15-G13	389	295	0 - 0.5	0.11	5.47	0.11	0.60
RAA15-G15	360	2,439	0 - 0.5	0.057	45.17	0.06	2.57
RAA15-G17	277	3,063	0 - 0.5	0.089	56.72	0.09	5.05
RAA15-G19	278	1,657	0 - 0.5	0.053	30.68	0.05	1.63
RAA15-G20	279	2,953	0 - 0.5	0.074	54.69	0.07	4.05
RAA15-G21	280	2,704	0 - 0.5	0.24	50.07	0.24	12.02
RAA15-G23	281	1,829	0 - 0.5	0.094	33.88	0.09	3.18
RAA15-GH13	391	128	0 - 0.5	0.16	2.36	0.16	0.38
RAA15-H14	371	266	0 - 0.5	0.053	4.93	0.05	0.26
RAA15-H15	373	1,422	0 - 0.5	0.1	26.34	0.10	2.63
RAA15-H17	285	2,471	0 - 0.5	0.084	45.76	0.08	3.84
RAA15-H18	286	2,809	0 - 0.5	0.061	52.02	0.06	3.17
RAA15-H19	287	2,452	0 - 0.5	0.067	45.40	0.07	3.04
RAA15-H20	288	2,500	0 - 0.5	0.08	46.30	0.08	3.70
RAA15-H21	289	2,376	0 - 0.5	0.18	44.01	0.18	7.92
RAA15-I15	375	637	0 - 0.5	0.099	11.79	0.10	1.17
RAA15-J15	377	226	0 - 0.5	0.15	4.19	0.15	0.63
RAA15-J17	301	2,149	0 - 0.5	0.0565	39.79	0.06	2.25
RAA15-J18	302	2,501	0 - 0.5	0.069	46.32	0.07	3.20
RAA15-J19	303	2,560	0 - 0.5	0.11	47.41	0.11	5.22
RAA15-J20	304	1,965	0 - 0.5	0.06	36.40	0.06	2.18
RAA15-K16	379	482	0 - 0.5	0.2	8.93	0.20	1.79
RAA15-L16	381	2	0 - 0.5	0.099	0.03	0.10	0.00
RAA15-L17	383	1,221	0 - 0.5	0.066	22.61	0.07	1.49
RAA15-L18	320	2,233	0 - 0.5	0.12	41.35	0.12	4.96
RAA15-L19	321	1,210	0 - 0.5	0.051	22.40	0.05	1.14
RAA15-M17	385	492	0 - 0.5	0.44	9.10	0.44	4.01
RAA15-N17	387	120	0 - 0.5	0.38	2.22	0.38	0.84
SBS-15	347	1,333	0 - 0.5	0.69	24.68	0.69	17.03
SBS-16	348	1,881	0 - 0.5	0.22	34.84	0.22	7.66
SBS-17	349	2,322	0 - 0.5	1.2	43.01	1.20	51.61
SBS-18	350	1,109	0 - 0.5	0.88	20.53	0.88	18.07
Totals:	--	75,943	--	--	1,406.35	--	340.74
					Volume-Weighted Average:		**0.24**

TABLE D-40
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-2	252	2,210	0.5 - 1	0.07	40.93	0.07	2.86
RAA15-E18	264	1,587	0.5 - 1	0.21	29.39	0.21	6.17
RAA15-E19	265	2,037	0.5 - 1	0.13	37.72	0.13	4.90
RAA15-E21	266	1,846	0.5 - 1	0.13	34.18	0.13	4.44
RAA15-E22	267	1,023	0.5 - 1	0.1	18.95	0.10	1.89
RAA15-E23	268	850	0.5 - 1	0.15	15.74	0.15	2.36
RAA15-F17	269	2,144	0.5 - 1	0.13	39.70	0.13	5.16
RAA15-F18	270	2,854	0.5 - 1	0.18	52.85	0.18	9.51
RAA15-F19	271	3,318	0.5 - 1	2.5	61.45	2.50	153.63
RAA15-F21	272	3,086	0.5 - 1	0.041	57.14	0.04	2.34
RAA15-F22	273	2,633	0.5 - 1	0.057	48.76	0.06	2.78
RAA15-F23	274	1,934	0.5 - 1	0.084	35.81	0.08	3.01
RAA15-F24	275	2,074	0.5 - 1	0.07	38.41	0.07	2.69
RAA15-G13	385	295	0.5 - 1	0.11	5.47	0.11	0.60
RAA15-G15	356	2,439	0.5 - 1	0.057	45.17	0.06	2.57
RAA15-G17	277	3,063	0.5 - 1	0.089	56.72	0.09	5.05
RAA15-G19	278	1,657	0.5 - 1	0.053	30.68	0.05	1.63
RAA15-G20	279	3,181	0.5 - 1	0.074	58.91	0.07	4.36
RAA15-G21	280	3,478	0.5 - 1	0.24	64.41	0.24	15.46
RAA15-G23	281	3,066	0.5 - 1	0.094	56.78	0.09	5.34
RAA15-GH13	387	128	0.5 - 1	0.16	2.36	0.16	0.38
RAA15-H14	367	266	0.5 - 1	0.053	4.93	0.05	0.26
RAA15-H15	369	1,422	0.5 - 1	0.1	26.34	0.10	2.63
RAA15-H17	285	2,471	0.5 - 1	0.084	45.76	0.08	3.84
RAA15-H18	286	2,809	0.5 - 1	0.061	52.02	0.06	3.17
RAA15-H19	287	2,452	0.5 - 1	0.067	45.40	0.07	3.04
RAA15-H20	288	2,500	0.5 - 1	0.08	46.30	0.08	3.70
RAA15-H21	289	3,323	0.5 - 1	0.18	61.53	0.18	11.08
RAA15-I15	371	637	0.5 - 1	0.099	11.79	0.10	1.17
RAA15-J15	373	226	0.5 - 1	0.15	4.19	0.15	0.63
RAA15-J17	301	2,149	0.5 - 1	0.0565	39.79	0.06	2.25
RAA15-J18	302	2,501	0.5 - 1	0.069	46.32	0.07	3.20
RAA15-J19	303	2,560	0.5 - 1	0.11	47.41	0.11	5.22
RAA15-J20	304	1,965	0.5 - 1	0.06	36.40	0.06	2.18
RAA15-K16	375	482	0.5 - 1	0.2	8.93	0.20	1.79
RAA15-L16	377	2	0.5 - 1	0.099	0.03	0.10	0.00
RAA15-L17	379	1,221	0.5 - 1	0.066	22.61	0.07	1.49
RAA15-L18	320	2,233	0.5 - 1	0.12	41.35	0.12	4.96
RAA15-L19	321	1,210	0.5 - 1	0.051	22.40	0.05	1.14
RAA15-M17	381	492	0.5 - 1	0.44	9.10	0.44	4.01
RAA15-N17	383	120	0.5 - 1	0.38	2.22	0.38	0.84
Totals:	--	75,943	--	--	1,406.35	--	293.76
					Volume-Weighted Average:		**0.21**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	75,943	--	--	2,812.70	--	634.50
					Volume-Weighted Average:		**0.23**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-41
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-40)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	75,943	--	--	2,812.70	--	634.50
					Volume-Weighted Average:		**0.23**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-2	2	9,596	1 - 2	0.07	355.41	0.07	24.88
RAA15-E18	7	5,075	1 - 2	0.16	187.98	0.16	30.08
RAA15-E20	8	5,018	1 - 2	0.18	185.86	0.18	33.45
RAA15-E22	9	7,198	1 - 2	0.26	266.60	0.26	69.32
RAA15-G15	52	7,899	1 - 2	0.016	292.55	0.02	4.68
RAA15-G20	10	8,166	1 - 2	**0.0195**	302.46	0.02	5.90
RAA15-G22	11	10,225	1 - 2	0.081	378.72	0.08	30.68
RAA15-H13	54	342	1 - 2	**0.0195**	12.65	0.02	0.25
RAA15-J15	46	3,221	1 - 2	0.104	119.29	0.10	12.41
RAA15-J18	13	10,806	1 - 2	**0.0185**	400.21	0.02	7.40
RAA15-J20	14	6,344	1 - 2	**0.0225**	234.95	0.02	5.29
RAA15-L15	48	299	1 - 2	0.04	11.08	0.04	0.44
RAA15-N17	50	1,753	1 - 2	0.13	64.94	0.13	8.44
Totals:	--	75,943	--	--	2,812.70	--	233.21
					Volume-Weighted Average:		**0.08**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-2	11	9,596	2 - 3	**0.025**	355.41	0.03	8.89
RAA15-E18	16	5,075	2 - 3	0.16	187.98	0.16	30.08
RAA15-E20	17	5,018	2 - 3	0.18	185.86	0.18	33.45
RAA15-E22	18	7,198	2 - 3	0.26	266.60	0.26	69.32
RAA15-G15	52	7,899	2 - 3	0.016	292.55	0.02	4.68
RAA15-G20	19	8,166	2 - 3	**0.0195**	302.46	0.02	5.90
RAA15-G22	20	10,225	2 - 3	0.081	378.72	0.08	30.68
RAA15-H13	54	342	2 - 3	**0.0195**	12.65	0.02	0.25
RAA15-J15	46	3,221	2 - 3	0.104	119.29	0.10	12.41
RAA15-J18	22	10,806	2 - 3	**0.0185**	400.21	0.02	7.40
RAA15-J20	23	6,344	2 - 3	**0.0225**	234.95	0.02	5.29
RAA15-L15	48	299	2 - 3	0.04	11.08	0.04	0.44
RAA15-N17	50	1,753	2 - 3	0.13	64.94	0.13	8.44
Totals:	--	75,943	--	--	2,812.70	--	217.22
					Volume-Weighted Average:		**0.08**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	75,943	--	--	8,438.10	--	1,084.92
					Volume-Weighted Average:		**0.13**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-42
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-41)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	75,943	--	--	8,438.10	--	1,084.92
					Arithmetic Average:		**0.13**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-2	10	9,596	3 - 4	**0.025**	355.41	0.03	8.89
RAA15-E18	15	5,075	3 - 4	0.15	187.98	0.15	28.20
RAA15-E20	16	5,018	3 - 4	0.093	185.86	0.09	17.28
RAA15-E22	17	7,198	3 - 4	0.25	266.60	0.25	66.65
RAA15-G15	51	7,899	3 - 4	**0.022**	292.55	0.02	6.44
RAA15-G20	18	8,166	3 - 4	**0.0225**	302.46	0.02	6.81
RAA15-G22	19	10,225	3 - 4	0.021	378.72	0.02	7.95
RAA15-H13	53	342	3 - 4	**0.0185**	12.65	0.02	0.23
RAA15-J15	45	3,221	3 - 4	0.051	119.29	0.05	6.08
RAA15-J18	21	10,806	3 - 4	**0.02**	400.21	0.02	8.00
RAA15-J20	22	6,344	3 - 4	**0.025**	234.95	0.03	5.87
RAA15-L15	47	299	3 - 4	2.7	11.08	2.70	29.92
RAA15-N17	49	1,753	3 - 4	0.038	64.94	0.04	2.47
Totals:	--	75,943	--	--	2,812.70	--	194.80
					Volume-Weighted Average:		**0.07**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-2	15	9,596	4 - 5	**0.025**	355.41	0.03	8.89
RAA15-E18	20	5,075	4 - 5	0.15	187.98	0.15	28.20
RAA15-E20	21	5,018	4 - 5	0.093	185.86	0.09	17.28
RAA15-E22	22	7,198	4 - 5	0.25	266.60	0.25	66.65
RAA15-G15	119	7,899	4 - 5	**0.022**	292.55	0.02	6.44
RAA15-G20	23	8,166	4 - 5	**0.0225**	302.46	0.02	6.81
RAA15-G22	24	10,225	4 - 5	0.021	378.72	0.02	7.95
RAA15-H13	121	342	4 - 5	**0.0185**	12.65	0.02	0.23
RAA15-J15	113	3,221	4 - 5	0.051	119.29	0.05	6.08
RAA15-J18	26	10,806	4 - 5	**0.02**	400.21	0.02	8.00
RAA15-J20	27	6,344	4 - 5	**0.025**	234.95	0.03	5.87
RAA15-L15	115	299	4 - 5	2.7	11.08	2.70	29.92
RAA15-N17	117	1,753	4 - 5	0.038	64.94	0.04	2.47
Totals:	--	75,943	--	--	2,812.70	--	194.80
					Volume-Weighted Average:		**0.07**

TABLE D-42
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	106	44	5 - 6	**0.025**	1.65	0.03	0.04
K-2	14	9,596	5 - 6	**0.025**	355.41	0.03	8.89
RAA15-E18	17	5,075	5 - 6	0.15	187.98	0.15	28.20
RAA15-E20	18	5,018	5 - 6	0.093	185.86	0.09	17.28
RAA15-E22	19	7,198	5 - 6	0.25	266.60	0.25	66.65
RAA15-G15	104	8,151	5 - 6	**0.022**	301.89	0.02	6.64
RAA15-G20	20	8,166	5 - 6	**0.0225**	302.46	0.02	6.81
RAA15-G22	21	10,225	5 - 6	0.021	378.72	0.02	7.95
RAA15-J15	108	3,266	5 - 6	0.04	120.97	0.04	4.84
RAA15-J18	22	10,806	5 - 6	**0.02**	400.21	0.02	8.00
RAA15-J20	23	6,344	5 - 6	**0.025**	234.95	0.03	5.87
RAA15-L15	110	299	5 - 6	63	11.08	63.00	698.15
RAA15-N17	112	1,753	5 - 6	0.156	64.94	0.16	10.13
Totals:	--	75,943	--	--	2,812.70	--	869.45
					Volume-Weighted Average:		**0.31**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	105	44	6 - 7	**0.025**	1.65	0.03	0.04
K-2	15	9,596	6 - 7	**0.025**	355.41	0.03	8.89
RAA15-E18	18	5,075	6 - 7	0.053	187.98	0.05	9.96
RAA15-E20	19	5,018	6 - 7	0.23	185.86	0.23	42.75
RAA15-E22	20	7,198	6 - 7	**0.0345**	266.60	0.03	9.20
RAA15-G15	113	8,151	6 - 7	**0.022**	301.89	0.02	6.64
RAA15-G20	21	8,166	6 - 7	**0.033**	302.46	0.03	9.98
RAA15-G22	22	10,225	6 - 7	**0.02**	378.72	0.02	7.57
RAA15-J15	107	3,266	6 - 7	0.04	120.97	0.04	4.84
RAA15-J18	23	10,806	6 - 7	**0.023**	400.21	0.02	9.20
RAA15-J20	24	6,344	6 - 7	**0.042**	234.95	0.04	9.87
RAA15-L15	109	299	6 - 7	63	11.08	63.00	698.15
RAA15-N17	111	1,753	6 - 7	0.156	64.94	0.16	10.13
Totals:	--	75,943	--	--	2,812.70	--	827.22
					Volume-Weighted Average:		**0.29**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	102	44	7 - 8	**0.025**	1.65	0.03	0.04
K-2	15	9,596	7 - 8	**0.025**	355.41	0.03	8.89
RAA15-E18	18	5,075	7 - 8	0.053	187.98	0.05	9.96
RAA15-E20	19	5,018	7 - 8	0.23	185.86	0.23	42.75
RAA15-E22	20	7,198	7 - 8	**0.0345**	266.60	0.03	9.20
RAA15-G15	110	8,151	7 - 8	**0.022**	301.89	0.02	6.64
RAA15-G20	21	8,166	7 - 8	**0.033**	302.46	0.03	9.98
RAA15-G22	22	10,225	7 - 8	**0.02**	378.72	0.02	7.57
RAA15-J15	104	3,266	7 - 8	**0.02**	120.97	0.02	2.42
RAA15-J18	23	10,806	7 - 8	**0.023**	400.21	0.02	9.20
RAA15-J20	24	6,344	7 - 8	**0.042**	234.95	0.04	9.87
RAA15-L15	106	299	7 - 8	0.29	11.08	0.29	3.21
RAA15-N17	108	1,753	7 - 8	**0.0185**	64.94	0.02	1.20
Totals:	--	75,943	--	--	2,812.70	--	120.94
					Volume-Weighted Average:		**0.04**

TABLE D-42
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	82	44	8 - 9	**0.025**	1.65	0.03	0.04
K-2	11	9,596	8 - 9	**0.025**	355.41	0.03	8.89
RAA15-E18	12	5,075	8 - 9	0.053	187.98	0.05	9.96
RAA15-E20	13	5,018	8 - 9	0.23	185.86	0.23	42.75
RAA15-E22	14	7,198	8 - 9	**0.0345**	266.60	0.03	9.20
RAA15-G15	90	8,151	8 - 9	**0.022**	301.89	0.02	6.64
RAA15-G20	15	8,166	8 - 9	**0.033**	302.46	0.03	9.98
RAA15-G22	16	10,225	8 - 9	**0.02**	378.72	0.02	7.57
RAA15-J15	84	3,266	8 - 9	**0.02**	120.97	0.02	2.42
RAA15-J18	17	10,806	8 - 9	**0.023**	400.21	0.02	9.20
RAA15-J20	18	6,344	8 - 9	**0.042**	234.95	0.04	9.87
RAA15-L15	86	299	8 - 9	0.29	11.08	0.29	3.21
RAA15-N17	88	1,753	8 - 9	**0.0185**	64.94	0.02	1.20
Totals:	--	75,943	--	--	2,812.70	--	120.94
					Volume-Weighted Average:		**0.04**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	81	835	9 - 10	**0.025**	30.92	0.03	0.77
K-2	11	9,596	9 - 10	**0.025**	355.41	0.03	8.89
RAA15-E18	12	5,075	9 - 10	0.053	187.98	0.05	9.96
RAA15-E20	13	5,018	9 - 10	0.23	185.86	0.23	42.75
RAA15-E22	14	7,198	9 - 10	**0.0345**	266.60	0.03	9.20
RAA15-G15	84	8,458	9 - 10	**0.022**	313.27	0.02	6.89
RAA15-G20	15	8,166	9 - 10	**0.033**	302.46	0.03	9.98
RAA15-G22	16	10,225	9 - 10	**0.02**	378.72	0.02	7.57
RAA15-H13	86	463	9 - 10	**0.029**	17.16	0.03	0.50
RAA15-J18	17	12,900	9 - 10	**0.023**	477.77	0.02	10.99
RAA15-J20	18	6,344	9 - 10	**0.042**	234.95	0.04	9.87
RAA15-L15	83	1,663	9 - 10	0.37	61.61	0.37	22.79
Totals:	--	75,943	--	--	2,812.70	--	140.16
					Volume-Weighted Average:		**0.05**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	78	835	10 - 11	**0.025**	30.92	0.03	0.77
RAA15-E18	9	4,548	10 - 11	**0.02**	168.45	0.02	3.37
RAA15-E20	10	5,172	10 - 11	**0.065**	191.56	0.07	12.45
RAA15-E22	11	7,198	10 - 11	**0.05**	266.60	0.05	13.33
RAA15-G15	81	7,050	10 - 11	0.017	261.10	0.02	4.44
RAA15-G18	12	9,975	10 - 11	0.028	369.46	0.03	10.34
RAA15-G20	13	9,759	10 - 11	**0.0575**	361.45	0.06	20.78
RAA15-G22	14	10,225	10 - 11	**0.028**	378.72	0.03	10.60
RAA15-H13	83	463	10 - 11	**0.029**	17.16	0.03	0.50
RAA15-J18	15	12,596	10 - 11	**0.0215**	466.51	0.02	10.03
RAA15-J20	16	6,457	10 - 11	**0.0375**	239.16	0.04	8.97
RAA15-L15	80	1,663	10 - 11	0.37	61.61	0.37	22.79
Totals:	--	75,943	--	--	2,812.70	--	118.39
					Volume-Weighted Average:		**0.04**

TABLE D-42
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	77	1,005	11 - 12	**0.025**	37.23	0.03	0.93
RAA15-E18	9	4,548	11 - 12	**0.02**	168.45	0.02	3.37
RAA15-E20	10	5,172	11 - 12	**0.065**	191.56	0.07	12.45
RAA15-E22	11	7,198	11 - 12	**0.05**	266.60	0.05	13.33
RAA15-G15	80	7,343	11 - 12	0.017	271.95	0.02	4.62
RAA15-G18	12	9,975	11 - 12	0.028	369.46	0.03	10.34
RAA15-G20	13	9,759	11 - 12	**0.0575**	361.45	0.06	20.78
RAA15-G22	14	10,225	11 - 12	**0.028**	378.72	0.03	10.60
RAA15-J18	15	12,596	11 - 12	**0.0215**	466.51	0.02	10.03
RAA15-J20	16	6,457	11 - 12	**0.0375**	239.16	0.04	8.97
RAA15-L15	79	1,663	11 - 12	0.78	61.61	0.78	48.05
Totals:	--	75,943	--	--	2,812.70	--	143.49
					Volume-Weighted Average:		**0.05**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	75	1,005	12 - 13	**0.025**	37.23	0.03	0.93
RAA15-E18	8	4,548	12 - 13	**0.02**	168.45	0.02	3.37
RAA15-E20	9	5,172	12 - 13	**0.065**	191.56	0.07	12.45
RAA15-E22	10	7,198	12 - 13	**0.05**	266.60	0.05	13.33
RAA15-G15	78	7,343	12 - 13	0.017	271.95	0.02	4.62
RAA15-G18	11	9,975	12 - 13	0.028	369.46	0.03	10.34
RAA15-G20	12	9,759	12 - 13	**0.0575**	361.45	0.06	20.78
RAA15-G22	13	10,225	12 - 13	**0.028**	378.72	0.03	10.60
RAA15-J18	14	12,596	12 - 13	**0.0215**	466.51	0.02	10.03
RAA15-J20	15	6,457	12 - 13	**0.0375**	239.16	0.04	8.97
RAA15-L15	77	1,663	12 - 13	0.78	61.61	0.78	48.05
Totals:	--	75,943	--	--	2,812.70	--	143.49
					Volume-Weighted Average:		**0.05**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	75	1,005	13 - 14	**0.025**	37.23	0.03	0.93
RAA15-E18	8	4,548	13 - 14	**0.02**	168.45	0.02	3.37
RAA15-E20	9	5,172	13 - 14	**0.065**	191.56	0.07	12.45
RAA15-E22	10	7,198	13 - 14	**0.05**	266.60	0.05	13.33
RAA15-G15	78	7,343	13 - 14	0.017	271.95	0.02	4.62
RAA15-G18	11	9,975	13 - 14	0.028	369.46	0.03	10.34
RAA15-G20	12	9,759	13 - 14	**0.0575**	361.45	0.06	20.78
RAA15-G22	13	10,225	13 - 14	**0.028**	378.72	0.03	10.60
RAA15-J18	14	12,596	13 - 14	**0.0215**	466.51	0.02	10.03
RAA15-J20	15	6,457	13 - 14	**0.0375**	239.16	0.04	8.97
RAA15-L15	77	1,663	13 - 14	0.4015	61.61	0.40	24.73
Totals:	--	75,943	--	--	2,812.70	--	120.17
					Volume-Weighted Average:		**0.04**

TABLE D-42
EXISTING CONDITIONS
PARCEL K10-10-33: 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	75	1,005	14 - 15	**0.025**	37.23	0.03	0.93
RAA15-E18	8	4,548	14 - 15	**0.02**	168.45	0.02	3.37
RAA15-E20	9	5,172	14 - 15	**0.065**	191.56	0.07	12.45
RAA15-E22	10	7,198	14 - 15	**0.05**	266.60	0.05	13.33
RAA15-G15	78	7,343	14 - 15	0.017	271.95	0.02	4.62
RAA15-G18	11	9,975	14 - 15	0.028	369.46	0.03	10.34
RAA15-G20	12	9,759	14 - 15	**0.0575**	361.45	0.06	20.78
RAA15-G22	13	10,225	14 - 15	**0.028**	378.72	0.03	10.60
RAA15-J18	14	12,596	14 - 15	**0.0215**	466.51	0.02	10.03
RAA15-J20	15	6,457	14 - 15	**0.0375**	239.16	0.04	8.97
RAA15-L15	77	1,663	14 - 15	0.4015	61.61	0.40	24.73
Totals:	--	75,943	--	--	2,812.70	--	120.17
					Volume-Weighted Average:		**0.04**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	75,943	--	--	42,190.50	--	4,198.92
					Volume-Weighted Average:		**0.10**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 and D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Recreational Area R1

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TABLE D-43
EXISTING CONDITIONS
RECREATIONAL AREA R1- 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E1	96,220,221,222	2,117	0 - 0.5	0.081	39.21	0.08	3.18
RAA15-E2	98	29	0 - 0.5	0.19	0.54	0.19	0.10
RAA15-F1	83,205,206	1,539	0 - 0.5	0.22	28.49	0.22	6.27
RAA15-F2	84,100	601	0 - 0.5	0.43	11.12	0.43	4.78
RAA15-G1	90,207,208	1,004	0 - 0.5	0.84	18.59	0.84	15.61
RAA15-G2	91,101,226	1,643	0 - 0.5	3.3	30.42	3.30	100.40
RAA15-G3	102	363	0 - 0.5	0.3	6.72	0.30	2.02
RAA15-H2	93,209,210	2,330	0 - 0.5	1.07	43.16	1.07	46.18
RAA15-H3	103	2,388	0 - 0.5	1.54	44.22	1.54	68.09
RAA15-H4	105	532	0 - 0.5	7.2	9.85	7.20	70.95
RAA15-J2	94,211,212	1,462	0 - 0.5	0.37	27.07	0.37	10.02
RAA15-J3	107	2,190	0 - 0.5	0.094	40.56	0.09	3.81
RAA15-J4	109	316	0 - 0.5	0.179	5.85	0.18	1.05
RAA15-L2	95,213,214	1,254	0 - 0.5	1.8	23.23	1.80	41.81
RAA15-L3	43	984	0 - 0.5	0.14	18.21	0.14	2.55
Totals:	--	18,751	--	--	347.24	--	376.81
					Volume Weighted Average:		**1.09**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E1	100,220,221,222	2,117	0.5 - 1	0.081	39.21	0.08	3.18
RAA15-E2	102	29	0.5 - 1	0.19	0.54	0.19	0.10
RAA15-F1	83,205,206	1,539	0.5 - 1	0.22	28.49	0.22	6.27
RAA15-F2	84,104	601	0.5 - 1	0.43	11.12	0.43	4.78
RAA15-G1	90,207,208	1,004	0.5 - 1	0.84	18.59	0.84	15.61
RAA15-G2	91,105,226	1,643	0.5 - 1	3.3	30.42	3.30	100.40
RAA15-G3	106	363	0.5 - 1	0.3	6.72	0.30	2.02
RAA15-H2	93,209,210	2,330	0.5 - 1	1.07	43.16	1.07	46.18
RAA15-H3	107	2,388	0.5 - 1	1.54	44.22	1.54	68.09
RAA15-H4	109	532	0.5 - 1	7.2	9.85	7.20	70.95
RAA15-J2	94,211,212	1,462	0.5 - 1	0.37	27.07	0.37	10.02
RAA15-J3	111	2,190	0.5 - 1	0.094	40.56	0.09	3.81
RAA15-J4	113	316	0.5 - 1	0.179	5.85	0.18	1.05
RAA15-L2	95,213,214	1,254	0.5 - 1	1.8	23.23	1.80	41.81
RAA15-L3	43	984	0.5 - 1	0.14	18.21	0.14	2.55
Totals:	--	18,751	--	--	347.24	--	376.81
					Volume Weighted Average:		**1.09**

SUMMARY - 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,751	--	--	694.48	--	753.62
					Volume Weighted Average:		**1.09**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-44
EXISTING CONDITIONS
RECREATIONAL AREA R1- 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-43)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,751	--	--	694.48	--	753.62
					Volume Weighted Average:		**1.09**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E1	57	3,162	1 - 2	**0.019**	117.12	0.02	2.23
RAA15-E2	58	232	1 - 2	2	8.60	2.00	17.21
RAA15-G2	59	5,572	1 - 2	5.2	206.36	5.20	1,073.07
RAA15-G4	60	1,077	1 - 2	0.115	39.90	0.12	4.59
RAA15-J2	32	5,910	1 - 2	0.276	218.90	0.28	60.42
RAA15-J4	61	2,797	1 - 2	0.048	103.59	0.05	4.97
Totals:	--	18,751	--	--	694.48	--	1,162.48
					Volume Weighted Average:		**1.67**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E1	57	3,162	2 - 3	**0.019**	117.12	0.02	2.23
RAA15-E2	58	232	2 - 3	2	8.60	2.00	17.21
RAA15-G2	59	5,572	2 - 3	5.2	206.36	5.20	1,073.07
RAA15-G4	60	1,077	2 - 3	0.115	39.90	0.12	4.59
RAA15-J2	9	5,910	2 - 3	0.276	218.90	0.28	60.42
RAA15-J4	61	2,797	2 - 3	0.048	103.59	0.05	4.97
Totals:	--	18,751	--	--	694.48	--	1,162.48
					Volume Weighted Average:		**1.67**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,751	--	--	2,083.43	--	3,078.58
					Volume Weighted Average:		**1.48**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-45
EXISTING CONDITIONS
RECREATIONAL AREA R1- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-44)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,751	--	--	2,083.43	--	3,078.58
					Volume Weighted Average:		**1.48**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-E1	56	3,162	3 - 4	**0.02**	117.12	0.02	2.34
RAA15-E2	57	232	3 - 4	**0.0185**	8.60	0.02	0.16
RAA15-G2	58	5,572	3 - 4	6.9	206.36	6.90	1,423.88
RAA15-G4	59	1,077	3 - 4	0.045	39.90	0.05	1.80
RAA15-J2	8	5,910	3 - 4	0.016	218.90	0.02	3.50
RAA15-J4	60	2,797	3 - 4	**0.0195**	103.59	0.02	2.02
Totals:	--	18,751	--	--	694.48	--	1,433.70
					Volume Weighted Average:		**2.06**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	38	4,263	4 - 5	**0.025**	157.88	0.03	3.95
FP-2	39	1,384	4 - 5	**0.025**	51.25	0.03	1.28
FP-3	40	970	4 - 5	0.38	35.93	0.38	13.65
FP-4	42	287	4 - 5	**0.025**	10.64	0.03	0.27
RAA15-E1	44	2,573	4 - 5	**0.02**	95.29	0.02	1.91
RAA15-E2	45	24	4 - 5	**0.0185**	0.90	0.02	0.02
RAA15-G2	47	3,596	4 - 5	6.9	133.18	6.90	918.94
RAA15-G4	48	144	4 - 5	0.045	5.32	0.05	0.24
RAA15-J2	10	4,032	4 - 5	0.016	149.34	0.02	2.39
RAA15-J4	50	1,275	4 - 5	**0.0195**	47.24	0.02	0.92
SA-2	51	203	4 - 5	0.13	7.51	0.13	0.98
Totals:	--	18,751	--	--	694.48	--	944.54
					Volume Weighted Average:		**1.36**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	30	4,263	5 - 6	**0.025**	157.88	0.03	3.95
FP-2	31	1,384	5 - 6	**0.025**	51.25	0.03	1.28
FP-3	32	970	5 - 6	0.38	35.93	0.38	13.65
FP-4	34	287	5 - 6	**0.025**	10.64	0.03	0.27
RAA15-E1	36	2,573	5 - 6	**0.02**	95.29	0.02	1.91
RAA15-E2	37	24	5 - 6	**0.0185**	0.90	0.02	0.02
RAA15-G2	39	3,596	5 - 6	6.9	133.18	6.90	918.94
RAA15-G4	40	144	5 - 6	0.045	5.32	0.05	0.24
RAA15-J2	10	4,032	5 - 6	0.016	149.34	0.02	2.39
RAA15-J4	42	1,275	5 - 6	**0.0195**	47.24	0.02	0.92
SA-2	43	203	5 - 6	0.13	7.51	0.13	0.98
Totals:	--	18,751	--	--	694.48	--	944.54
					Volume Weighted Average:		**1.36**

TABLE D-45
EXISTING CONDITIONS
RECREATIONAL AREA R1- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	31	4,263	6 - 7	**0.025**	157.88	0.03	3.95
FP-2	32	1,384	6 - 7	**0.025**	51.25	0.03	1.28
FP-3	33	970	6 - 7	0.38	35.93	0.38	13.65
FP-4	35	287	6 - 7	**0.025**	10.64	0.03	0.27
RAA15-E1	37	2,573	6 - 7	0.01075	95.29	0.01	1.02
RAA15-E2	38	24	6 - 7	**0.018**	0.90	0.02	0.02
RAA15-G2	40	3,596	6 - 7	3.4	133.18	3.40	452.81
RAA15-G4	41	144	6 - 7	0.066	5.32	0.07	0.35
RAA15-J2	11	4,032	6 - 7	0.016	149.34	0.02	2.39
RAA15-J4	43	1,275	6 - 7	0.013	47.24	0.01	0.61
SA-2	44	203	6 - 7	0.13	7.51	0.13	0.98
Totals:	--	18,751	--	--	694.48	--	477.33
					Volume Weighted Average:		**0.69**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	30	4,263	7 - 8	**0.025**	157.88	0.03	3.95
FP-2	31	1,384	7 - 8	**0.025**	51.25	0.03	1.28
FP-3	32	970	7 - 8	0.38	35.93	0.38	13.65
FP-4	34	287	7 - 8	**0.025**	10.64	0.03	0.27
RAA15-E1	36	2,573	7 - 8	0.01075	95.29	0.01	1.02
RAA15-E2	37	24	7 - 8	**0.018**	0.90	0.02	0.02
RAA15-G2	39	3,596	7 - 8	3.4	133.18	3.40	452.81
RAA15-G4	40	144	7 - 8	0.066	5.32	0.07	0.35
RAA15-J2	11	4,032	7 - 8	0.016	149.34	0.02	2.39
RAA15-J4	42	1,275	7 - 8	0.013	47.24	0.01	0.61
SA-2	43	203	7 - 8	0.13	7.51	0.13	0.98
Totals:	--	18,751	--	--	694.48	--	477.33
					Volume Weighted Average:		**0.69**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	23	4,895	8 - 9	**0.025**	181.29	0.03	4.53
RAA15-E1	25	3,162	8 - 9	0.01075	117.12	0.01	1.26
RAA15-E2	26	232	8 - 9	**0.018**	8.60	0.02	0.15
RAA15-G2	27	4,786	8 - 9	3.4	177.27	3.40	602.71
RAA15-G4	29	165	8 - 9	0.066	6.10	0.07	0.40
RAA15-J2	10	4,032	8 - 9	0.016	149.34	0.02	2.39
RAA15-J4	31	1,275	8 - 9	0.013	47.24	0.01	0.61
SA-2	32	203	8 - 9	**0.025**	7.51	0.03	0.19
Totals:	--	18,751	--	--	694.48	--	612.25
					Volume Weighted Average:		**0.88**

TABLE D-45
EXISTING CONDITIONS
RECREATIONAL AREA R1- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	21	4,895	9 - 10	**0.025**	181.29	0.03	4.53
RAA15-E1	23	3,162	9 - 10	0.01075	117.12	0.01	1.26
RAA15-E2	24	232	9 - 10	**0.018**	8.60	0.02	0.15
RAA15-G2	25	4,786	9 - 10	3.4	177.27	3.40	602.71
RAA15-G4	27	165	9 - 10	0.066	6.10	0.07	0.40
RAA15-J2	10	4,032	9 - 10	0.016	149.34	0.02	2.39
RAA15-J4	29	1,275	9 - 10	0.013	47.24	0.01	0.61
SA-2	30	203	9 - 10	**0.025**	7.51	0.03	0.19
Totals:	--	18,751	--	--	694.48	--	612.25
					Volume Weighted Average:		**0.88**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	19	4,895	10 - 11	**0.025**	181.29	0.03	4.53
RAA15-E1	21	3,162	10 - 11	**0.02**	117.12	0.02	2.34
RAA15-E2	22	232	10 - 11	**0.019**	8.60	0.02	0.16
RAA15-G2	23	4,786	10 - 11	**0.0235**	177.27	0.02	4.17
RAA15-G4	25	165	10 - 11	0.202	6.10	0.20	1.23
RAA15-J2	8	4,032	10 - 11	**0.0195**	149.34	0.02	2.91
RAA15-J4	27	1,275	10 - 11	**0.019**	47.24	0.02	0.90
SA-2	28	203	10 - 11	**0.025**	7.51	0.03	0.19
Totals:	--	18,751	--	--	694.48	--	16.43
					Volume Weighted Average:		**0.02**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	19	4,895	11 - 12	**0.025**	181.29	0.03	4.53
RAA15-E1	21	3,162	11 - 12	**0.02**	117.12	0.02	2.34
RAA15-E2	22	232	11 - 12	**0.019**	8.60	0.02	0.16
RAA15-G2	23	4,786	11 - 12	**0.0235**	177.27	0.02	4.17
RAA15-G4	25	165	11 - 12	0.202	6.10	0.20	1.23
RAA15-J2	8	4,032	11 - 12	**0.0195**	149.34	0.02	2.91
RAA15-J4	27	1,275	11 - 12	**0.019**	47.24	0.02	0.90
SA-2	28	203	11 - 12	**0.025**	7.51	0.03	0.19
Totals:	--	18,751	--	--	694.48	--	16.43
					Volume Weighted Average:		**0.02**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	18	4,929	12 - 13	**0.025**	182.56	0.03	4.56
RAA15-E1	20	3,162	12 - 13	**0.02**	117.12	0.02	2.34
RAA15-E2	21	232	12 - 13	**0.019**	8.60	0.02	0.16
RAA15-G2	22	4,786	12 - 13	**0.0235**	177.27	0.02	4.17
RAA15-G4	23	333	12 - 13	0.202	12.34	0.20	2.49
RAA15-J2	7	4,032	12 - 13	**0.0195**	149.34	0.02	2.91
RAA15-J4	24	1,275	12 - 13	**0.019**	47.24	0.02	0.90
Totals:	--	18,751	--	--	694.48	--	17.54
					Volume Weighted Average:		**0.03**

TABLE D-45
EXISTING CONDITIONS
RECREATIONAL AREA R1- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	18	4,929	13 - 14	**0.025**	182.56	0.03	4.56
RAA15-E1	20	3,162	13 - 14	**0.02**	117.12	0.02	2.34
RAA15-E2	21	232	13 - 14	**0.019**	8.60	0.02	0.16
RAA15-G2	22	4,786	13 - 14	**0.0235**	177.27	0.02	4.17
RAA15-G4	23	333	13 - 14	0.202	12.34	0.20	2.49
RAA15-J2	7	4,032	13 - 14	**0.0195**	149.34	0.02	2.91
RAA15-J4	24	1,275	13 - 14	**0.019**	47.24	0.02	0.90
Totals:	--	18,751	--	--	694.48	--	17.54
					Volume Weighted Average:		**0.03**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
FP-1	18	4,929	14 - 15	**0.025**	182.56	0.03	4.56
RAA15-E1	20	3,162	14 - 15	**0.02**	117.12	0.02	2.34
RAA15-E2	21	232	14 - 15	**0.019**	8.60	0.02	0.16
RAA15-G2	22	4,786	14 - 15	**0.0235**	177.27	0.02	4.17
RAA15-G4	23	333	14 - 15	0.202	12.34	0.20	2.49
RAA15-J2	7	4,032	14 - 15	**0.0195**	149.34	0.02	2.91
RAA15-J4	24	1,275	14 - 15	**0.019**	47.24	0.02	0.90
Totals:	--	18,751	--	--	694.48	--	17.54
					Volume Weighted Average:		**0.03**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	18,751	--	--	10,417.15	--	8,666.02
					Volume Weighted Average:		**0.83**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 and D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Recreational Area R2

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TABLE D-46
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B6	160,161	569	0 - 0.5	1.2	10.54	1.20	12.65
RAA15-B7	145,158	738	0 - 0.5	0.06	13.67	0.06	0.82
RAA15-C5	133,142	19	0 - 0.5	0.29	0.36	0.29	0.10
RAA15-C6	134,240	2,525	0 - 0.5	5.7	46.76	5.70	266.51
RAA15-C7	147	1,555	0 - 0.5	1.3	28.80	1.30	37.43
RAA15-D6	135	1,699	0 - 0.5	1.54	31.45	1.54	48.44
RAA15-D7	149	2,072	0 - 0.5	4.1	38.37	4.10	157.31
RAA15-D8	151	69	0 - 0.5	4.1	1.27	4.10	5.21
RAA15-E6	137	854	0 - 0.5	0.97	15.81	0.97	15.34
RAA15-E7	36	2,566	0 - 0.5	7.5	47.53	7.50	356.44
RAA15-E8	81,153	2,192	0 - 0.5	6.1	40.59	6.10	247.63
RAA15-E9	82,155	1,626	0 - 0.5	13.2	30.11	13.20	397.43
RAA15-F5	229	3	0 - 0.5	0.49	0.05	0.49	0.02
RAA15-F6	241,242	1,217	0 - 0.5	0.47	22.53	0.47	10.59
RAA15-F7	139	2,039	0 - 0.5	0.34	37.76	0.34	12.84
RAA15-F8	39,88	2,025	0 - 0.5	1.8	37.50	1.80	67.49
RAA15-F9	89,157	1,276	0 - 0.5	0.475	23.63	0.48	11.23
RAA15-G5	126	1,071	0 - 0.5	2.18	19.83	2.18	43.22
RAA15-G6	41	2,233	0 - 0.5	0.038	41.36	0.04	1.57
RAA15-G7	42	976	0 - 0.5	0.437	18.08	0.44	7.90
RAA15-H5	128	1,112	0 - 0.5	0.037	20.60	0.04	0.76
Totals:	--	28,436	--	--	526.59	--	1,701
					Volume Weighted Average:		**3.23**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B6	164,165	569	0.5 - 1	1.2	10.54	1.20	12.65
RAA15-B7	149,162	738	0.5 - 1	0.06	13.67	0.06	0.82
RAA15-C5	137,146	19	0.5 - 1	0.29	0.36	0.29	0.10
RAA15-C6	138,240	2,525	0.5 - 1	5.7	46.76	5.70	266.51
RAA15-C7	151	1,555	0.5 - 1	1.3	28.80	1.30	37.43
RAA15-D6	139	1,699	0.5 - 1	1.54	31.45	1.54	48.44
RAA15-D7	153	2,072	0.5 - 1	4.1	38.37	4.10	157.31
RAA15-D8	155	69	0.5 - 1	4.1	1.27	4.10	5.21
RAA15-E6	141	854	0.5 - 1	0.97	15.81	0.97	15.34
RAA15-E7	36	2,566	0.5 - 1	7.5	47.53	7.50	356.44
RAA15-E8	81,157	2,192	0.5 - 1	6.1	40.59	6.10	247.63
RAA15-E9	82,159	1,626	0.5 - 1	13.2	30.11	13.20	397.43
RAA15-F5	229	3	0.5 - 1	0.49	0.05	0.49	0.02
RAA15-F6	241,242	1,217	0.5 - 1	0.47	22.53	0.47	10.59
RAA15-F7	143	2,039	0.5 - 1	0.34	37.76	0.34	12.84
RAA15-F8	39,88	2,025	0.5 - 1	1.8	37.50	1.80	67.49
RAA15-F9	89,161	1,276	0.5 - 1	0.475	23.63	0.48	11.23
RAA15-G5	130	1,071	0.5 - 1	2.18	19.83	2.18	43.22
RAA15-G6	41	2,233	0.5 - 1	0.038	41.36	0.04	1.57
RAA15-G7	42	976	0.5 - 1	0.437	18.08	0.44	7.90
RAA15-H5	132	1,112	0.5 - 1	0.037	20.60	0.04	0.76
Totals:	--	28,436	--	--	526.59	--	1,701
					Volume Weighted Average:		**3.23**

TABLE D-46
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SUMMARY - 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	28,436	--	--	1,053.18	--	3,401.88
					Volume Weighted Average:		**3.23**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-47
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-46)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	28,436	--	--	1,053.18	--	3,401.88
					Volume Weighted Average:		**3.23**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	80	16	1 - 2	**0.017**	0.60	0.02	0.01
RAA15-C6	87	6,229	1 - 2	3.3	230.71	3.30	761.35
RAA15-C8	82	1,000	1 - 2	7.4	37.04	7.40	274.12
RAA15-E6	78	4,141	1 - 2	0.21	153.38	0.21	32.21
RAA15-E8	85	8,769	1 - 2	24	324.78	24.00	7794.80
RAA15-E11	83	1,130	1 - 2	61	41.87	61.00	2553.97
RAA15-G4	71	603	1 - 2	0.115	22.32	0.12	2.57
RAA15-G6	69	6,417	1 - 2	0.028	237.67	0.03	6.65
RAA15-J4	73	130	1 - 2	0.048	4.81	0.05	0.23
Totals:	--	28,436	--	--	1,053.19	--	11,425.92
					Volume Weighted Average:		**10.85**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	80	16	2 - 3	**0.017**	0.60	0.02	0.01
RAA15-C6	87	6,229	2 - 3	3.3	230.71	3.30	761.35
RAA15-C8	82	1,000	2 - 3	7.4	37.04	7.40	274.12
RAA15-E6	77	4,141	2 - 3	0.21	153.38	0.21	32.21
RAA15-E8	85	8,769	2 - 3	24	324.78	24.00	7794.80
RAA15-E11	83	1,130	2 - 3	61	41.87	61.00	2553.97
RAA15-G4	71	603	2 - 3	0.115	22.32	0.12	2.57
RAA15-G6	69	6,417	2 - 3	0.028	237.67	0.03	6.65
RAA15-J4	73	130	2 - 3	0.048	4.81	0.05	0.23
Totals:	--	28,436	--	--	1,053.19	--	11,425.92
					Volume Weighted Average:		**10.85**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	28,436	--	--	3,159.56	--	26,253.72
					Volume Weighted Average:		**8.31**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-48
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-47)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	28,436	--	--	3,159.56	--	26,253.72
					Volume Weighted Average:		**8.31**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	79	16	3 - 4	**0.017**	0.60	0.02	0.01
RAA15-C6	86	6,229	3 - 4	4.5	230.71	4.50	1038.21
RAA15-C8	81	1,000	3 - 4	0.048	37.04	0.05	1.78
RAA15-E6	76	4,141	3 - 4	0.61	153.38	0.61	93.56
RAA15-E8	84	8,694	3 - 4	12	321.98	12.00	3863.80
RAA15-E11 (OFFSET)	82	1,206	3 - 4	4.9	44.67	4.90	218.87
RAA15-G4	70	603	3 - 4	0.045	22.32	0.05	1.00
RAA15-G6	68	6,417	3 - 4	0.015	237.67	0.02	3.57
RAA15-J4	72	130	3 - 4	**0.0195**	4.81	0.02	0.09
Totals:	--	28,436	--	--	1,053.19	--	5,220.90
					Volume Weighted Average:		**4.96**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C6	66	4,560	4 - 5	4.5	168.90	4.50	760.04
RAA15-C8	73	676	4 - 5	0.048	25.05	0.05	1.20
RAA15-E6	67	4,109	4 - 5	0.61	152.20	0.61	92.84
RAA15-E8	76	8,694	4 - 5	12	321.98	12.00	3863.80
RAA15-E11 (OFFSET)	74	1,206	4 - 5	4.9	44.67	4.90	218.87
RAA15-G6	9	5,164	4 - 5	0.015	191.25	0.02	2.87
SA-1	70	647	4 - 5	**0.025**	23.97	0.03	0.60
SA-2	62	1,371	4 - 5	0.13	50.77	0.13	6.60
YB-3	78	557	4 - 5	**0.025**	20.64	0.03	0.52
YB-4	80	1,452	4 - 5	**0.025**	53.76	0.03	1.34
Totals:	--	28,436	--	--	1,053.19	--	4,948.68
					Volume Weighted Average:		**4.70**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C6	58	4,560	5 - 6	4.5	168.90	4.50	760.04
RAA15-C8	65	676	5 - 6	0.048	25.05	0.05	1.20
RAA15-E6	59	4,109	5 - 6	0.61	152.20	0.61	92.84
RAA15-E8	68	8,694	5 - 6	12	321.98	12.00	3863.80
RAA15-E11 (OFFSET)	66	1,206	5 - 6	4.9	44.67	4.90	218.87
RAA15-G6	9	5,164	5 - 6	0.015	191.25	0.02	2.87
SA-1	62	647	5 - 6	**0.025**	23.97	0.03	0.60
SA-2	54	1,371	5 - 6	0.13	50.77	0.13	6.60
YB-3	70	557	5 - 6	**0.025**	20.64	0.03	0.52
YB-4	72	1,452	5 - 6	**0.025**	53.76	0.03	1.34
Totals:	--	28,436	--	--	1,053.19	--	4,948.68
					Volume Weighted Average:		**4.70**

TABLE D-48
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C6	59	4,560	6 - 7	1.95	168.90	1.95	329.35
RAA15-C8	66	676	6 - 7	13.7	25.05	13.70	343.17
RAA15-E6	60	4,109	6 - 7	0.082	152.20	0.08	12.48
RAA15-E8	69	8,694	6 - 7	0.11	321.98	0.11	35.42
RAA15-E11 (OFFSET)	67	1,206	6 - 7	10.7	44.67	10.70	477.95
RAA15-G6	10	5,164	6 - 7	**0.02**	191.25	0.02	3.82
SA-1	63	647	6 - 7	**0.025**	23.97	0.03	0.60
SA-2	55	1,371	6 - 7	0.13	50.77	0.13	6.60
YB-3	71	557	6 - 7	**0.025**	20.64	0.03	0.52
YB-4	73	1,452	6 - 7	**0.025**	53.76	0.03	1.34
Totals:	--	28,436	--	--	1,053.19	--	1,211.25
					Volume Weighted Average:		**1.15**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C6	58	4,560	7 - 8	1.95	168.90	1.95	329.35
RAA15-C8	65	676	7 - 8	13.7	25.05	13.70	343.17
RAA15-E6	60	4,109	7 - 8	0.082	152.20	0.08	12.48
RAA15-E8	68	8,694	7 - 8	0.11	321.98	0.11	35.42
RAA15-E11 (OFFSET)	66	1,206	7 - 8	10.7	44.67	10.70	477.95
RAA15-G6	10	5,164	7 - 8	**0.02**	191.25	0.02	3.82
SA-1	63	647	7 - 8	**0.025**	23.97	0.03	0.60
SA-2	54	1,371	7 - 8	0.13	50.77	0.13	6.60
YB-3	70	557	7 - 8	**0.025**	20.64	0.03	0.52
YB-4	72	1,452	7 - 8	**0.025**	53.76	0.03	1.34
Totals:	--	28,436	--	--	1,053.19	--	1,211.25
					Volume Weighted Average:		**1.15**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	49	16	8 - 9	0.64	0.60	0.64	0.38
RAA15-C6	56	6,229	8 - 9	1.95	230.71	1.95	449.89
RAA15-C8	51	1,000	8 - 9	13.7	37.04	13.70	507.49
RAA15-E6	44	4,109	8 - 9	0.082	152.20	0.08	12.48
RAA15-E8	54	8,694	8 - 9	0.11	321.98	0.11	35.42
RAA15-E11 (OFFSET)	52	1,206	8 - 9	10.7	44.67	10.70	477.95
RAA15-G6	9	5,164	8 - 9	**0.02**	191.25	0.02	3.82
SA-1	46	647	8 - 9	0.05	23.97	0.05	1.20
SA-2	40	1,371	8 - 9	**0.025**	50.77	0.03	1.27
Totals:	--	28,436	--	--	1,053.19	--	1,489.91
					Volume Weighted Average:		**1.41**

TABLE D-48
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	47	16	9 - 10	0.64	0.60	0.64	0.38
RAA15-C6	54	6,229	9 - 10	1.95	230.71	1.95	449.89
RAA15-C8	49	1,000	9 - 10	13.7	37.04	13.70	507.49
RAA15-E6	43	4,109	9 - 10	0.082	152.20	0.08	12.48
RAA15-E8	52	8,694	9 - 10	0.11	321.98	0.11	35.42
RAA15-E11 (OFFSET)	50	1,206	9 - 10	10.7	44.67	10.70	477.95
RAA15-G6	9	5,164	9 - 10	**0.02**	191.25	0.02	3.82
SA-1	45	647	9 - 10	0.05	23.97	0.05	1.20
SA-2	38	1,371	9 - 10	**0.025**	50.77	0.03	1.27
Totals:	--	28,436	--	--	1,053.19	--	1,489.91
					Volume Weighted Average:		**1.41**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	52	298	10 - 11	**0.0195**	11.03	0.02	0.22
RAA15-C4	41	863	10 - 11	**0.0175**	31.95	0.02	0.56
RAA15-C8	47	4,201	10 - 11	**0.0205**	155.58	0.02	3.19
RAA15-E6	43	5,994	10 - 11	**0.021**	221.99	0.02	4.66
RAA15-E8	50	8,694	10 - 11	**0.022**	321.98	0.02	7.08
RAA15-E11 (OFFSET)	48	1,206	10 - 11	0.1475	44.67	0.15	6.59
RAA15-G6	7	5,164	10 - 11	**0.0235**	191.25	0.02	4.49
SA-1	44	647	10 - 11	0.05	23.97	0.05	1.20
SA-2	36	1,371	10 - 11	**0.025**	50.77	0.03	1.27
Totals:	--	28,436	--	--	1,053.19	--	29.26
					Volume Weighted Average:		**0.03**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	52	298	11 - 12	**0.0195**	11.03	0.02	0.22
RAA15-C4	41	863	11 - 12	**0.0175**	31.95	0.02	0.56
RAA15-C8	47	4,201	11 - 12	**0.0205**	155.58	0.02	3.19
RAA15-E6	43	5,994	11 - 12	**0.021**	221.99	0.02	4.66
RAA15-E8	50	8,694	11 - 12	**0.022**	321.98	0.02	7.08
RAA15-E11 (OFFSET)	48	1,206	11 - 12	0.1475	44.67	0.15	6.59
RAA15-G6	7	5,164	11 - 12	**0.0235**	191.25	0.02	4.49
SA-1	44	647	11 - 12	0.05	23.97	0.05	1.20
SA-2	36	1,371	11 - 12	**0.025**	50.77	0.03	1.27
Totals:	--	28,436	--	--	1,053.19	--	29.26
					Volume Weighted Average:		**0.03**

TABLE D-48
EXISTING CONDITIONS
RECREATIONAL AREA R2- 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	50	298	12 - 13	**0.0195**	11.03	0.02	0.22
RAA15-C4	41	863	12 - 13	**0.0175**	31.95	0.02	0.56
RAA15-C8	45	4,201	12 - 13	**0.0205**	155.58	0.02	3.19
RAA15-E6	43	6,026	12 - 13	**0.021**	223.18	0.02	4.69
RAA15-E8	48	8,694	12 - 13	**0.022**	321.98	0.02	7.08
RAA15-E11 (OFFSET)	46	1,206	12 - 13	0.1475	44.67	0.15	6.59
RAA15-G4	34	603	12 - 13	0.202	22.32	0.20	4.51
RAA15-G6	32	6,417	12 - 13	**0.0235**	237.67	0.02	5.59
RAA15-J4	36	130	12 - 13	**0.019**	4.81	0.02	0.09
Totals:	--	28,436	--	--	1,053.19	--	32.51
					Volume Weighted Average:		**0.03**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	50	298	13 - 14	**0.0195**	11.03	0.02	0.22
RAA15-C4	41	863	13 - 14	**0.0175**	31.95	0.02	0.56
RAA15-C8	45	4,201	13 - 14	**0.0205**	155.58	0.02	3.19
RAA15-E6	43	6,026	13 - 14	**0.021**	223.18	0.02	4.69
RAA15-E8	48	8,694	13 - 14	**0.022**	321.98	0.02	7.08
RAA15-E11 (OFFSET)	46	1,206	13 - 14	0.1475	44.67	0.15	6.59
RAA15-G4	34	603	13 - 14	0.202	22.32	0.20	4.51
RAA15-G6	32	6,417	13 - 14	**0.0235**	237.67	0.02	5.59
RAA15-J4	36	130	13 - 14	**0.019**	4.81	0.02	0.09
Totals:	--	28,436	--	--	1,053.19	--	32.51
					Volume Weighted Average:		**0.03**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A8	50	298	14 - 15	**0.0195**	11.03	0.02	0.22
RAA15-C4	41	863	14 - 15	**0.0175**	31.95	0.02	0.56
RAA15-C8	45	4,201	14 - 15	**0.0205**	155.58	0.02	3.19
RAA15-E6	43	6,026	14 - 15	**0.021**	223.18	0.02	4.69
RAA15-E8	48	8,694	14 - 15	**0.022**	321.98	0.02	7.08
RAA15-E11 (OFFSET)	46	1,206	14 - 15	0.1475	44.67	0.15	6.59
RAA15-G4	34	603	14 - 15	0.202	22.32	0.20	4.51
RAA15-G6	32	6,417	14 - 15	**0.0235**	237.67	0.02	5.59
RAA15-J4	36	130	14 - 15	**0.019**	4.81	0.02	0.09
Totals:	--	28,436	--	--	1,053.19	--	32.51
					Volume Weighted Average:		**0.03**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	28,436	--	--	15,797.81	--	46,930.34
					Volume Weighted Average:		**2.97**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 and D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Recreational Area R3A

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TABLE D-49
EXISTING CONDITIONS
RECREATIONAL AREA R3A - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D15	168	602	0 - 0.5	0.73	11.14	0.73	8.13
RAA15-D17	174	886	0 - 0.5	14	16.40	14.00	229.58
RAA15-E13	171	992	0 - 0.5	2.01	18.37	2.01	36.92
RAA15-E15	35	1,775	0 - 0.5	0.37	32.87	0.37	12.16
RAA15-F13	173	523	0 - 0.5	0.29	9.69	0.29	2.81
Totals:	--	4,777	--	--	88.46	--	289.60
					Volume-Weighted Average:		**3.27**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-D15	172	602	0.5 - 1	0.73	11.14	0.73	8.13
RAA15-D17	178	886	0.5 - 1	14	16.40	14.00	229.58
RAA15-E13	175	992	0.5 - 1	2.01	18.37	2.01	36.92
RAA15-E15	35	1,775	0.5 - 1	0.37	32.87	0.37	12.16
RAA15-F13	177	523	0.5 - 1	0.29	9.69	0.29	2.81
Totals:	--	4,777	--	--	88.46	--	289.60
					Volume-Weighted Average:		**3.27**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	4,777	--	--	176.93	--	579.20
					Volume-Weighted Average:		**3.27**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-50
EXISTING CONDITIONS
RECREATIONAL AREA R3A - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-49)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	4,777	--	--	176.93	--	579.20
					Volume-Weighted Average:		**3.27**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	92	560	1 - 2	12	20.75	12.00	249.04
RAA15-C18	94	38	1 - 2	4	1.41	4.00	5.64
RAA15-E11	91	280	1 - 2	61	10.35	61.00	631.60
RAA15-E15	96	3,899	1 - 2	0.27	144.41	0.27	38.99
Totals:	--	4,777	--	--	176.93	--	925.26
					Volume-Weighted Average:		**5.23**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	92	560	2 - 3	12	20.75	12.00	249.04
RAA15-C18	94	38	2 - 3	4	1.41	4.00	5.64
RAA15-E11	91	280	2 - 3	61	10.35	61.00	631.60
RAA15-E15	96	3,899	2 - 3	0.27	144.41	0.27	38.99
Totals:	--	4,777	--	--	176.93	--	925.26
					Volume-Weighted Average:		**5.23**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	4,777	--	--	530.78	--	2429.73
					Volume-Weighted Average:		**4.58**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-51
EXISTING CONDITIONS
RECREATIONAL AREA R3A - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-50)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	4,777	--	--	530.78	--	2429.73
					Volume-Weighted Average:		**4.58**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	92	560	3 - 4	0.27	20.75	0.27	5.60
RAA15-C18	94	38	3 - 4	0.147	1.41	0.15	0.21
RAA15-E11 (OFFSET)	91	284	3 - 4	4.9	10.53	4.90	51.58
RAA15-E15	96	3,894	3 - 4	3.4	144.24	3.40	490.40
Totals:	--	4,777	--	--	176.93	--	547.79
					Volume-Weighted Average:		**3.10**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	88	560	4 - 5	0.27	20.75	0.27	5.60
RAA15-C18	90	38	4 - 5	0.147	1.41	0.15	0.21
RAA15-E11 (OFFSET)	86	284	4 - 5	4.9	10.53	4.90	51.58
RAA15-E15	91	3,894	4 - 5	3.4	144.24	3.40	490.40
Totals:	--	4,777	--	--	176.93	--	547.79
					Volume-Weighted Average:		**3.10**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	80	560	5 - 6	0.27	20.75	0.27	5.60
RAA15-C18	82	38	5 - 6	0.147	1.41	0.15	0.21
RAA15-E11 (OFFSET)	78	284	5 - 6	4.9	10.53	4.90	51.58
RAA15-E15	83	3,894	5 - 6	3.4	144.24	3.40	490.40
Totals:	--	4,777	--	--	176.93	--	547.79
					Volume-Weighted Average:		**3.10**

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	81	560	6 - 7	68	20.75	68.00	1411.21
RAA15-C18	83	38	6 - 7	**0.023**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	79	284	6 - 7	10.7	10.53	10.70	112.64
RAA15-E15	84	3,894	6 - 7	0.1785	144.24	0.18	25.75
Totals:	--	4,777	--	--	176.93	--	1549.62
					Volume-Weighted Average:		**8.76**

TABLE D-51
EXISTING CONDITIONS
RECREATIONAL AREA R3A - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	78	560	7 - 8	68	20.75	68.00	1411.21
RAA15-C18	80	38	7 - 8	**0.023**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	77	284	7 - 8	10.7	10.53	10.70	112.64
RAA15-E15	82	3,894	7 - 8	0.1785	144.24	0.18	25.75
Totals:	--	4,777	--	--	176.93	--	1549.62
					Volume-Weighted Average:		**8.76**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	64	560	8 - 9	68	20.75	68.00	1411.21
RAA15-C18	66	38	8 - 9	**0.023**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	62	284	8 - 9	10.7	10.53	10.70	112.64
RAA15-E15	67	3,894	8 - 9	0.1785	144.24	0.18	25.75
Totals:	--	4,777	--	--	176.93	--	1549.62
					Volume-Weighted Average:		**8.76**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	62	560	9 - 10	68	20.75	68.00	1411.21
RAA15-C18	64	38	9 - 10	**0.023**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	60	284	9 - 10	10.7	10.53	10.70	112.64
RAA15-E15	65	3,894	9 - 10	0.1785	144.24	0.18	25.75
Totals:	--	4,777	--	--	176.93	--	1549.62
					Volume-Weighted Average:		**8.76**

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	59	560	10 - 11	4.6	20.75	4.60	95.46
RAA15-C18	61	38	10 - 11	**0.022**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	57	284	10 - 11	0.1475	10.53	0.15	1.55
RAA15-E15	62	3,894	10 - 11	0.0245	144.24	0.02	3.53
Totals:	--	4,777	--	--	176.93	--	100.58
					Volume-Weighted Average:		**0.57**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	59	560	11 - 12	4.6	20.75	4.60	95.46
RAA15-C18	61	38	11 - 12	**0.022**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	57	284	11 - 12	0.1475	10.53	0.15	1.55
RAA15-E15	62	3,894	11 - 12	0.0245	144.24	0.02	3.53
Totals:	--	4,777	--	--	176.93	--	100.58
					Volume-Weighted Average:		**0.57**

TABLE D-51
EXISTING CONDITIONS
RECREATIONAL AREA R3A - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	57	560	12 - 13	4.6	20.75	4.60	95.46
RAA15-C18	59	38	12 - 13	**0.022**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	55	284	12 - 13	0.1475	10.53	0.15	1.55
RAA15-E15	60	3,894	12 - 13	0.0245	144.24	0.02	3.53
Totals:	--	4,777	--	--	176.93	--	100.58
					Volume-Weighted Average:		**0.57**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	57	560	13 - 14	4.6	20.75	4.60	95.46
RAA15-C18	59	38	13 - 14	**0.022**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	55	284	13 - 14	0.1475	10.53	0.15	1.55
RAA15-E15	60	3,894	13 - 14	0.0245	144.24	0.02	3.53
Totals:	--	4,777	--	--	176.93	--	100.58
					Volume-Weighted Average:		**0.57**

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	57	560	14 - 15	4.6	20.75	4.60	95.46
RAA15-C18	59	38	14 - 15	**0.022**	1.41	0.02	0.03
RAA15-E11 (OFFSET)	55	284	14 - 15	0.1475	10.53	0.15	1.55
RAA15-E15	60	3,894	14 - 15	0.0245	144.24	0.02	3.53
Totals:	--	4,777	--	--	176.93	--	100.58
					Volume-Weighted Average:		**0.57**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	4,777	--	--	2653.89	--	10774.52
					Volume-Weighted Average:		**4.06**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Recreational Area R3B

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TABLE D-52
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B18	183	1,357	0 - 0.5	15	25.12	15.00	376.85
RAA15-B19	176	1,493	0 - 0.5	67	27.65	67.00	1,852.42
RAA15-B20	177	1,281	0 - 0.5	280	23.72	280.00	6,640.97
RAA15-B21	179	206	0 - 0.5	0.085	3.82	0.09	0.32
RAA15-C17	164	381	0 - 0.5	23	7.05	23.00	162.13
RAA15-C18	166	1,907	0 - 0.5	110	35.32	110.00	3,885.61
RAA15-C19	181	1,785	0 - 0.5	0.32	33.05	0.32	10.58
RAA15-C20	197,198	1,840	0 - 0.5	0.28	34.08	0.28	9.54
RAA15-D17	175	400	0 - 0.5	14	7.41	14.00	103.71
Totals:	--	10,650	--	--	197.22	--	13,042.14
					Volume-Weighted Average:		**66.13**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B18	187	1,357	0.5 - 1	15	25.12	15.00	376.85
RAA15-B19	197	1,493	0.5 - 1	67	27.65	67.00	1,852.42
RAA15-B20	188	1,281	0.5 - 1	280	23.72	280.00	6,640.97
RAA15-B21	190	206	0.5 - 1	0.085	3.82	0.09	0.32
RAA15-C17	168	381	0.5 - 1	23	7.05	23.00	162.13
RAA15-C18	170	1,907	0.5 - 1	110	35.32	110.00	3,885.61
RAA15-C19	192	1,785	0.5 - 1	0.32	33.05	0.32	10.58
RAA15-C20	194,125	1,840	0.5 - 1	0.28	34.08	0.28	9.54
RAA15-D17	179	400	0.5 - 1	14	7.41	14.00	103.71
Totals:	--	10,650	--	--	197.22	--	13,042.14
					Volume-Weighted Average:		**66.13**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	394.45	--	26,084.28
					Volume-Weighted Average:		**66.13**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-53
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-52)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	394.45	--	26,084.28
					Volume-Weighted Average:		**66.13**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	100	63	1 - 2	0.058	2.32	0.06	0.13
RAA15-A19SW	103	1,193	1 - 2	1.34	44.20	1.34	59.22
RAA15-A20	105	75	1 - 2	0.09	2.78	0.09	0.25
RAA15-C15	93	57	1 - 2	12	2.13	12.00	25.55
RAA15-C18	95	4,614	1 - 2	4	170.89	4.00	683.56
RAA15-C20	107,108	4,614	1 - 2	0.0325	170.88	0.03	5.55
RAA15-E15	97	34	1 - 2	0.27	1.25	0.27	0.34
Totals:	--	10,650	--	--	394.45	--	774.61
					Volume-Weighted Average:		**1.96**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	101	63	2 - 3	0.058	2.32	0.06	0.13
RAA15-A19SW	103	1,193	2 - 3	1.34	44.20	1.34	59.22
RAA15-A20	105	75	2 - 3	0.09	2.78	0.09	0.25
RAA15-C15	93	57	2 - 3	12	2.13	12.00	25.55
RAA15-C18	95	4,614	2 - 3	4	170.89	4.00	683.56
RAA15-C20	107,108	4,614	2 - 3	0.0325	170.88	0.03	5.55
RAA15-E15	97	34	2 - 3	0.27	1.25	0.27	0.34
Totals:	--	10,650	--	--	394.45	--	774.61
					Volume-Weighted Average:		**1.96**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	1,183.34	--	27,633.49
					Volume-Weighted Average:		**23.35**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-54
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 1- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	100	63	1 - 2	0.058	2.32	0.06	0.13
RAA15-A19SW	103	1,193	1 - 2	1.34	44.20	1.34	59.22
RAA15-A20	105	75	1 - 2	0.09	2.78	0.09	0.25
RAA15-C15	93	57	1 - 2	12	2.13	12.00	25.55
RAA15-C18	95	4,614	1 - 2	4	170.89	4.00	683.56
RAA15-C20	107,108	4,614	1 - 2	0.0325	170.88	0.03	5.55
RAA15-E15	97	34	1 - 2	0.27	1.25	0.27	0.34
Totals:	--	10,650	--	--	394.45	--	774.61
					Volume-Weighted Average:		**1.96**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	101	63	2 - 3	0.058	2.32	0.06	0.13
RAA15-A19SW	103	1,193	2 - 3	1.34	44.20	1.34	59.22
RAA15-A20	105	75	2 - 3	0.09	2.78	0.09	0.25
RAA15-C15	93	57	2 - 3	12	2.13	12.00	25.55
RAA15-C18	95	4,614	2 - 3	4	170.89	4.00	683.56
RAA15-C20	107,108	4,614	2 - 3	0.0325	170.88	0.03	5.55
RAA15-E15	97	34	2 - 3	0.27	1.25	0.27	0.34
Totals:	--	10,650	--	--	394.45	--	774.61
					Volume-Weighted Average:		**1.96**

SUMMARY: 1- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	788.89	--	1,549.22
					Volume-Weighted Average:		**1.96**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-55
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-53)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	1,183.34	--	27,633.49
					Volume-Weighted Average:		**23.35**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	101	63	3 - 4	0.018	2.32	0.02	0.04
RAA15-A19SW	103	1,193	3 - 4	**0.026**	44.20	0.03	1.15
RAA15-A20	105	75	3 - 4	**0.0185**	2.78	0.02	0.05
RAA15-C15	93	57	3 - 4	0.27	2.13	0.27	0.57
RAA15-C18	95	4,614	3 - 4	0.147	170.89	0.15	25.12
RAA15-C20	107,108	4,614	3 - 4	**0.0245**	170.88	0.02	4.19
RAA15-E15	97	34	3 - 4	3.4	1.25	3.40	4.23
Totals:	--	10,650	--	--	394.45	--	35.36
					Volume-Weighted Average:		**0.09**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	95	63	4 - 5	0.018	2.32	0.02	0.04
RAA15-A19SW	92	1,193	4 - 5	**0.026**	44.20	0.03	1.15
RAA15-A20	93	75	4 - 5	**0.0185**	2.78	0.02	0.05
RAA15-C15	82	57	4 - 5	0.27	2.13	0.27	0.57
RAA15-C18	83	4,614	4 - 5	0.147	170.89	0.15	25.12
RAA15-C20	124,125	4,614	4 - 5	**0.0245**	170.88	0.02	4.19
RAA15-E15	84	34	4 - 5	3.4	1.25	3.40	4.23
Totals:	--	10,650	--	--	394.45	--	35.36
					Volume-Weighted Average:		**0.09**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	87	63	5 - 6	0.018	2.32	0.02	0.04
RAA15-A19SW	89	1,193	5 - 6	**0.026**	44.20	0.03	1.15
RAA15-A20	91	75	5 - 6	**0.0185**	2.78	0.02	0.05
RAA15-C15	74	57	5 - 6	0.27	2.13	0.27	0.57
RAA15-C18	75	4,614	5 - 6	0.147	170.89	0.15	25.12
RAA15-C20	115,116	4,614	5 - 6	**0.0245**	170.88	0.02	4.19
RAA15-E15	76	34	5 - 6	3.4	1.25	3.40	4.23
Totals:	--	10,650	--	--	394.45	--	35.36
					Volume-Weighted Average:		**0.09**

TABLE D-55
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	88	63	6 - 7	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	90	1,193	6 - 7	**0.0255**	44.20	0.03	1.13
RAA15-A20	92	75	6 - 7	**0.018**	2.78	0.02	0.05
RAA15-C15	75	57	6 - 7	68	2.13	68.00	144.79
RAA15-C18	76	4,614	6 - 7	**0.023**	170.89	0.02	3.93
RAA15-C20	116,117	4,614	6 - 7	**0.025**	170.88	0.03	4.27
RAA15-E15	77	34	6 - 7	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	87	63	7 - 8	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	89	1,193	7 - 8	**0.0255**	44.20	0.03	1.13
RAA15-A20	91	75	7 - 8	**0.018**	2.78	0.02	0.05
RAA15-C15	79	57	7 - 8	68	2.13	68.00	144.79
RAA15-C18	81	4,614	7 - 8	**0.023**	170.89	0.02	3.93
RAA15-C20	113,114	4,614	7 - 8	**0.025**	170.88	0.03	4.27
RAA15-E15	83	34	7 - 8	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	58	57	8 - 9	68	2.13	68.00	144.79
RAA15-A18	71	63	8 - 9	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	73	1,193	8 - 9	**0.0255**	44.20	0.03	1.13
RAA15-A20	75	75	8 - 9	**0.018**	2.78	0.02	0.05
RAA15-C18	59	4,614	8 - 9	**0.023**	170.89	0.02	3.93
RAA15-C20	93,94	4,614	8 - 9	**0.025**	170.88	0.03	4.27
RAA15-E15	60	34	8 - 9	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	56	57	9 - 10	68	2.13	68.00	144.79
RAA15-A18	69	63	9 - 10	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	71	1,193	9 - 10	**0.0255**	44.20	0.03	1.13
RAA15-A20	73	75	9 - 10	**0.018**	2.78	0.02	0.05
RAA15-C18	57	4,614	9 - 10	**0.023**	170.89	0.02	3.93
RAA15-C20	89,90	4,614	9 - 10	**0.025**	170.88	0.03	4.27
RAA15-E15	58	34	9 - 10	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

TABLE D-55
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	54	57	10 - 11	4.6	2.13	4.60	9.79
RAA15-A18	66	63	10 - 11	**0.019**	2.32	0.02	0.04
RAA15-A19SW	68	1,161	10 - 11	**0.0205**	42.99	0.02	0.88
RAA15-A20	70	21	10 - 11	0.0082	0.78	0.01	0.01
RAA15-C18	55	4,623	10 - 11	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	86,87	4,691	10 - 11	**0.02**	173.75	0.02	3.47
RAA15-E15	56	34	10 - 11	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	54	57	11 - 12	4.6	2.13	4.60	9.79
RAA15-A18	66	63	11 - 12	**0.019**	2.32	0.02	0.04
RAA15-A19SW	68	1,161	11 - 12	**0.0205**	42.99	0.02	0.88
RAA15-A20	70	21	11 - 12	0.0082	0.78	0.01	0.01
RAA15-C18	55	4,623	11 - 12	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	83,84	4,691	11 - 12	**0.02**	173.75	0.02	3.47
RAA15-E15	56	34	11 - 12	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	52	57	12 - 13	4.6	2.13	4.60	9.79
RAA15-A18	64	63	12 - 13	**0.019**	2.32	0.02	0.04
RAA15-A19SW	66	1,161	12 - 13	**0.0205**	42.99	0.02	0.88
RAA15-A20	68	21	12 - 13	0.0082	0.78	0.01	0.01
RAA15-C18	53	4,623	12 - 13	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	81,82	4,691	12 - 13	**0.02**	173.75	0.02	3.47
RAA15-E15	54	34	12 - 13	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	52	57	13 - 14	4.6	2.13	4.60	9.79
RAA15-A18	64	63	13 - 14	**0.019**	2.32	0.02	0.04
RAA15-A19SW	66	1,161	13 - 14	**0.0205**	42.99	0.02	0.88
RAA15-A20	68	21	13 - 14	0.0082	0.78	0.01	0.01
RAA15-C18	53	4,623	13 - 14	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	81,82	4,691	13 - 14	**0.02**	173.75	0.02	3.47
RAA15-E15	54	34	13 - 14	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

TABLE D-55
EXISTING CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	52	57	14 - 15	4.6	2.13	4.60	9.79
RAA15-A18	64	63	14 - 15	**0.019**	2.32	0.02	0.04
RAA15-A19SW	66	1,161	14 - 15	**0.0205**	42.99	0.02	0.88
RAA15-A20	68	21	14 - 15	0.0082	0.78	0.01	0.01
RAA15-C18	53	4,623	14 - 15	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	81,82	4,691	14 - 15	**0.02**	173.75	0.02	3.47
RAA15-E15	54	34	14 - 15	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	5,916.68	--	28,447.32
					Volume-Weighted Average:		**4.81**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-56
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA R3B - 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B18	183	1,357	0 - 0.5	15	25.12	15.00	376.85
RAA15-B19	176	1,493	0 - 0.5	***0.021***	27.65	0.02	0.58
RAA15-B20	177	1,281	0 - 0.5	***0.021***	23.72	0.02	0.50
RAA15-B21	179	206	0 - 0.5	0.085	3.82	0.09	0.32
RAA15-C17	164	381	0 - 0.5	23	7.05	23.00	162.13
RAA15-C18	166	1,907	0 - 0.5	***0.021***	35.32	0.02	0.74
RAA15-C19	181	1,785	0 - 0.5	0.32	33.05	0.32	10.58
RAA15-C20	197,198	1,840	0 - 0.5	0.28	34.08	0.28	9.54
RAA15-D17	175	400	0 - 0.5	14	7.41	14.00	103.71
Totals:	--	10,650	--	--	197.22	--	664.96
					Volume-Weighted Average:		**3.37**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-B18	187	1,357	0.5 - 1	15	25.12	15.00	376.85
RAA15-B19	197	1,493	0.5 - 1	***0.021***	27.65	0.02	0.58
RAA15-B20	188	1,281	0.5 - 1	***0.021***	23.72	0.02	0.50
RAA15-B21	190	206	0.5 - 1	0.085	3.82	0.09	0.32
RAA15-C17	168	381	0.5 - 1	23	7.05	23.00	162.13
RAA15-C18	170	1,907	0.5 - 1	***0.021***	35.32	0.02	0.74
RAA15-C19	192	1,785	0.5 - 1	0.32	33.05	0.32	10.58
RAA15-C20	194,125	1,840	0.5 - 1	0.28	34.08	0.28	9.54
RAA15-D17	179	400	0.5 - 1	14	7.41	14.00	103.71
Totals:	--	10,650	--	--	197.22	--	664.96
					Volume-Weighted Average:		**3.37**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	394.45	--	1,329.92
					Volume-Weighted Average:		**3.37**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

TABLE D-57
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA R3B - 0- TO 3-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 1-FOOT DEPTH INCREMENT (TABLE D-56)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	394.45	--	1,329.92
					Volume-Weighted Average:		**3.37**

1- TO 2-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	100	63	1 - 2	0.058	2.32	0.06	0.13
RAA15-A19SW	103	1,193	1 - 2	1.34	44.20	1.34	59.22
RAA15-A20	105	75	1 - 2	0.09	2.78	0.09	0.25
RAA15-C15	93	57	1 - 2	12	2.13	12.00	25.55
RAA15-C18	95	4,614	1 - 2	4	170.89	4.00	683.56
RAA15-C20	107,108	4,614	1 - 2	0.0325	170.88	0.03	5.55
RAA15-E15	97	34	1 - 2	0.27	1.25	0.27	0.34
Totals:	--	10,650	--	--	394.45	--	774.61
					Volume-Weighted Average:		**1.96**

2- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	101	63	2 - 3	0.058	2.32	0.06	0.13
RAA15-A19SW	103	1,193	2 - 3	1.34	44.20	1.34	59.22
RAA15-A20	105	75	2 - 3	0.09	2.78	0.09	0.25
RAA15-C15	93	57	2 - 3	12	2.13	12.00	25.55
RAA15-C18	95	4,614	2 - 3	4	170.89	4.00	683.56
RAA15-C20	107,108	4,614	2 - 3	0.0325	170.88	0.03	5.55
RAA15-E15	97	34	2 - 3	0.27	1.25	0.27	0.34
Totals:	--	10,650	--	--	394.45	--	774.61
					Volume-Weighted Average:		**1.96**

SUMMARY: 0- TO 3-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	1,183.34	--	2,879.14
					Volume-Weighted Average:		**2.43**

Notes:

1. Polygon ID and area based on information shown on Figures D-3 and D-4.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-58
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 3-FOOT DEPTH INCREMENT (TABLE D-57)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	1,183.34	--	2,879.14
					Volume-Weighted Average:		**2.43**

3- TO 4-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	101	63	3 - 4	0.018	2.32	0.02	0.04
RAA15-A19SW	103	1,193	3 - 4	**0.026**	44.20	0.03	1.15
RAA15-A20	105	75	3 - 4	**0.0185**	2.78	0.02	0.05
RAA15-C15	93	57	3 - 4	0.27	2.13	0.27	0.57
RAA15-C18	95	4,614	3 - 4	0.147	170.89	0.15	25.12
RAA15-C20	107,108	4,614	3 - 4	**0.0245**	170.88	0.02	4.19
RAA15-E15	97	34	3 - 4	3.4	1.25	3.40	4.23
Totals:	--	10,650	--	--	394.45	--	35.36
					Volume-Weighted Average:		**0.09**

4- TO 5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	95	63	4 - 5	0.018	2.32	0.02	0.04
RAA15-A19SW	92	1,193	4 - 5	**0.026**	44.20	0.03	1.15
RAA15-A20	93	75	4 - 5	**0.0185**	2.78	0.02	0.05
RAA15-C15	82	57	4 - 5	0.27	2.13	0.27	0.57
RAA15-C18	83	4,614	4 - 5	0.147	170.89	0.15	25.12
RAA15-C20	124,125	4,614	4 - 5	**0.0245**	170.88	0.02	4.19
RAA15-E15	84	34	4 - 5	3.4	1.25	3.40	4.23
Totals:	--	10,650	--	--	394.45	--	35.36
					Volume-Weighted Average:		**0.09**

5- TO 6-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	87	63	5 - 6	0.018	2.32	0.02	0.04
RAA15-A19SW	89	1,193	5 - 6	**0.026**	44.20	0.03	1.15
RAA15-A20	91	75	5 - 6	**0.0185**	2.78	0.02	0.05
RAA15-C15	74	57	5 - 6	0.27	2.13	0.27	0.57
RAA15-C18	75	4,614	5 - 6	0.147	170.89	0.15	25.12
RAA15-C20	115,116	4,614	5 - 6	**0.0245**	170.88	0.02	4.19
RAA15-E15	76	34	5 - 6	3.4	1.25	3.40	4.23
Totals:	--	10,650	--	--	394.45	--	35.36
					Volume-Weighted Average:		**0.09**

TABLE D-58
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

6- TO 7-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	88	63	6 - 7	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	90	1,193	6 - 7	**0.0255**	44.20	0.03	1.13
RAA15-A20	92	75	6 - 7	**0.018**	2.78	0.02	0.05
RAA15-C15	75	57	6 - 7	68	2.13	68.00	144.79
RAA15-C18	76	4,614	6 - 7	**0.023**	170.89	0.02	3.93
RAA15-C20	116,117	4,614	6 - 7	**0.025**	170.88	0.03	4.27
RAA15-E15	77	34	6 - 7	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

7- TO 8-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-A18	87	63	7 - 8	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	89	1,193	7 - 8	**0.0255**	44.20	0.03	1.13
RAA15-A20	91	75	7 - 8	**0.018**	2.78	0.02	0.05
RAA15-C15	79	57	7 - 8	68	2.13	68.00	144.79
RAA15-C18	81	4,614	7 - 8	**0.023**	170.89	0.02	3.93
RAA15-C20	113,114	4,614	7 - 8	**0.025**	170.88	0.03	4.27
RAA15-E15	83	34	7 - 8	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

8- TO 9-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	58	57	8 - 9	68	2.13	68.00	144.79
RAA15-A18	71	63	8 - 9	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	73	1,193	8 - 9	**0.0255**	44.20	0.03	1.13
RAA15-A20	75	75	8 - 9	**0.018**	2.78	0.02	0.05
RAA15-C18	59	4,614	8 - 9	**0.023**	170.89	0.02	3.93
RAA15-C20	93,94	4,614	8 - 9	**0.025**	170.88	0.03	4.27
RAA15-E15	60	34	8 - 9	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

9- TO 10-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	56	57	9 - 10	68	2.13	68.00	144.79
RAA15-A18	69	63	9 - 10	**0.0195**	2.32	0.02	0.05
RAA15-A19SW	71	1,193	9 - 10	**0.0255**	44.20	0.03	1.13
RAA15-A20	73	75	9 - 10	**0.018**	2.78	0.02	0.05
RAA15-C18	57	4,614	9 - 10	**0.023**	170.89	0.02	3.93
RAA15-C20	89,90	4,614	9 - 10	**0.025**	170.88	0.03	4.27
RAA15-E15	58	34	9 - 10	0.1785	1.25	0.18	0.22
Totals:	--	10,650	--	--	394.45	--	154.44
					Volume-Weighted Average:		**0.39**

TABLE D-58
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

10- TO 11-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	54	57	10 - 11	4.6	2.13	4.60	9.79
RAA15-A18	66	63	10 - 11	**0.019**	2.32	0.02	0.04
RAA15-A19SW	68	1,161	10 - 11	**0.0205**	42.99	0.02	0.88
RAA15-A20	70	21	10 - 11	0.0082	0.78	0.01	0.01
RAA15-C18	55	4,623	10 - 11	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	86,87	4,691	10 - 11	**0.02**	173.75	0.02	3.47
RAA15-E15	56	34	10 - 11	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

11- TO 12-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	54	57	11 - 12	4.6	2.13	4.60	9.79
RAA15-A18	66	63	11 - 12	**0.019**	2.32	0.02	0.04
RAA15-A19SW	68	1,161	11 - 12	**0.0205**	42.99	0.02	0.88
RAA15-A20	70	21	11 - 12	0.0082	0.78	0.01	0.01
RAA15-C18	55	4,623	11 - 12	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	83,84	4,691	11 - 12	**0.02**	173.75	0.02	3.47
RAA15-E15	56	34	11 - 12	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

12- TO 13-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	52	57	12 - 13	4.6	2.13	4.60	9.79
RAA15-A18	64	63	12 - 13	**0.019**	2.32	0.02	0.04
RAA15-A19SW	66	1,161	12 - 13	**0.0205**	42.99	0.02	0.88
RAA15-A20	68	21	12 - 13	0.0082	0.78	0.01	0.01
RAA15-C18	53	4,623	12 - 13	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	81,82	4,691	12 - 13	**0.02**	173.75	0.02	3.47
RAA15-E15	54	34	12 - 13	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

13- TO 14-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	52	57	13 - 14	4.6	2.13	4.60	9.79
RAA15-A18	64	63	13 - 14	**0.019**	2.32	0.02	0.04
RAA15-A19SW	66	1,161	13 - 14	**0.0205**	42.99	0.02	0.88
RAA15-A20	68	21	13 - 14	0.0082	0.78	0.01	0.01
RAA15-C18	53	4,623	13 - 14	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	81,82	4,691	13 - 14	**0.02**	173.75	0.02	3.47
RAA15-E15	54	34	13 - 14	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

TABLE D-58
POST-REMEDIATION CONDITIONS
RECREATIONAL AREA R3B - 0- TO 15-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

14- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-C15	52	57	14 - 15	4.6	2.13	4.60	9.79
RAA15-A18	64	63	14 - 15	**0.019**	2.32	0.02	0.04
RAA15-A19SW	66	1,161	14 - 15	**0.0205**	42.99	0.02	0.88
RAA15-A20	68	21	14 - 15	0.0082	0.78	0.01	0.01
RAA15-C18	53	4,623	14 - 15	**0.022**	171.23	0.02	3.77
RAA15-C20 (OFFSET)	81,82	4,691	14 - 15	**0.02**	173.75	0.02	3.47
RAA15-E15	54	34	14 - 15	0.0245	1.25	0.02	0.03
Totals:	--	10,650	--	--	394.45	--	18.00
					Volume-Weighted Average:		**0.05**

SUMMARY: 0- TO 15-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	10,650	--	--	5,916.68	--	3,692.97
					Volume-Weighted Average:		**0.62**

Notes:

1. Polygon ID and area based on information shown on Figures D-5 through D-16.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

Parcels K10-10-5 and K10-10-6

BBL®
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engineers, scientists, economists

TABLE D-59
EXISTING CONDITIONS
PARCELS K10-10-5 AND K10-10-6: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	251	330	0 - 0.5	0.15	6.12	0.15	0.92
RAA15-G13	390	113	0 - 0.5	0.11	2.10	0.11	0.23
RAA15-GH12	362	301	0 - 0.5	0.1	5.58	0.1	0.56
RAA15-GH13	392	727	0 - 0.5	0.16	13.47	0.16	2.16
RAA15-H11	365	470	0 - 0.5	0.066	8.71	0.066	0.57
RAA15-H12	283	622	0 - 0.5	0.088	11.51	0.088	1.01
RAA15-H13	284	606	0 - 0.5	0.05	11.21	0.05	0.56
RAA15-H14	372	626	0 - 0.5	0.053	11.59	0.053	0.61
RAA15-H15	374	27	0 - 0.5	0.1	0.50	0.1	0.05
RAA15-I10	367	667	0 - 0.5	0.245	12.34	0.245	3.02
RAA15-I11	292	588	0 - 0.5	1.16	10.88	1.16	12.63
RAA15-I12	293	596	0 - 0.5	0.27	11.04	0.27	2.98
RAA15-I13	294	465	0 - 0.5	0.054	8.61	0.054	0.46
RAA15-I14	295	581	0 - 0.5	0.076	10.77	0.076	0.82
RAA15-I15	376	342	0 - 0.5	0.099	6.33	0.099	0.63
RAA15-J8.5	370	271	0 - 0.5	0.11	5.02	0.11	0.55
RAA15-J9	369	695	0 - 0.5	0.13	12.86	0.13	1.67
RAA15-J10	296	630	0 - 0.5	0.19	11.67	0.19	2.22
RAA15-J11	297	626	0 - 0.5	0.83	11.60	0.83	9.63
RAA15-J12	298	632	0 - 0.5	0.063	11.70	0.063	0.74
RAA15-J13	299	532	0 - 0.5	0.1	9.86	0.1	0.99
RAA15-J14	300	609	0 - 0.5	0.051	11.28	0.051	0.58
RAA15-J15	378	651	0 - 0.5	0.15	12.05	0.15	1.81
RAA15-K8.5	354	616	0 - 0.5	0.222	11.40	0.222	2.53
RAA15-K9	313	619	0 - 0.5	0.14	11.46	0.14	1.60
RAA15-K10	307	625	0 - 0.5	0.101	11.57	0.101	1.17
RAA15-K11	308	625	0 - 0.5	0.91	11.57	0.91	10.53
RAA15-K12	309	621	0 - 0.5	0.15	11.50	0.15	1.73
RAA15-K13	310	625	0 - 0.5	0.28	11.57	0.28	3.24
RAA15-K14	311a,311b	627	0 - 0.5	2.875	11.62	2.875	33.41
RAA15-K15	312a,311b	734	0 - 0.5	0.099	13.59	0.099	1.35
RAA15-K16	380a,380b	460	0 - 0.5	0.2	8.52	0.2	1.70
RAA15-L8	356	19	0 - 0.5	0.26	0.35	0.26	0.09
RAA15-L8.5	325	498	0 - 0.5	0.13	9.22	0.13	1.20
RAA15-L9	326	690	0 - 0.5	0.34	12.78	0.34	4.34
RAA15-L10	314	614	0 - 0.5	0.15	11.37	0.15	1.71
RAA15-L11	315	628	0 - 0.5	0.62	11.62	0.62	7.21
RAA15-L12	316	624	0 - 0.5	0.73	11.55	0.73	8.43
RAA15-L13	317	623	0 - 0.5	1.05	11.53	1.05	12.11
RAA15-L14	318a,318b	672	0 - 0.5	0.41	12.45	0.41	5.10
RAA15-L15	319	683	0 - 0.5	0.15	12.66	0.15	1.90
RAA15-L16	382	693	0 - 0.5	0.099	12.82	0.099	1.27
RAA15-L17	384a,384b	151	0 - 0.5	0.066	2.80	0.066	0.18
RAA15-M10	327	647	0 - 0.5	0.029	11.97	0.029	0.35
RAA15-M11	328	622	0 - 0.5	0.033	11.52	0.033	0.38
RAA15-M12	329	554	0 - 0.5	0.55	10.26	0.55	5.65
RAA15-M13	330	625	0 - 0.5	2.19	11.58	2.19	25.35
RAA15-M14	331a,331b	624	0 - 0.5	0.12	11.55	0.12	1.39
RAA15-M15	332a,332b	454	0 - 0.5	0.24	8.40	0.24	2.02
RAA15-M16	333a,333b	501	0 - 0.5	0.16	9.27	0.16	1.48
RAA15-M17	386a,386b	582	0 - 0.5	0.44	10.78	0.44	4.75
RAA15-N11	334	663	0 - 0.5	0.16	12.27	0.16	1.96
RAA15-N12	335	521	0 - 0.5	0.23	9.65	0.23	2.22
RAA15-N13	336	658	0 - 0.5	1.6	12.18	1.6	19.48
RAA15-N14	337	621	0 - 0.5	0.88	11.49	0.88	10.11
RAA15-N15	403,404	532	0 - 0.5	2.1	9.86	2.1	20.70
RAA15-N16	338a,338b	341	0 - 0.5	0.48	6.31	0.48	3.03
RAA15-N17	388	606	0 - 0.5	0.38	11.22	0.38	4.26
RAA15-O11	399,409,410	202	0 - 0.5	0.091	3.74	0.091	0.34
RAA15-O13	341	498	0 - 0.5	0.062	9.22	0.062	0.57
RAA15-O14	342	545	0 - 0.5	0.177	10.09	0.177	1.79
RAA15-O15	405	627	0 - 0.5	1.4	11.61	1.4	16.25

TABLE D-59
EXISTING CONDITIONS
PARCELS K10-10-5 AND K10-10-6: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT (con't)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-O16	407,408	333	0 - 0.5	2.36	6.17	2.36	14.55
RAA15-P12	400,401,402	560	0 - 0.5	0.02	10.38	0.02	0.21
RAA15-P13	343	592	0 - 0.5	0.13	10.97	0.13	1.43
RAA15-P14	344	524	0 - 0.5	0.118	9.71	0.118	1.15
RAA15-P15	345	294	0 - 0.5	0.15	5.44	0.15	0.82
RAA15-Q13	346	513	0 - 0.5	0.212	9.49	0.212	2.01
Totals:	--	36,388	--	--	673.86	--	288.42
					Volume-Weighted Average:		**0.43**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	251	330	0.5 - 1	0.15	6.12	0.15	0.92
RAA15-G13	386	113	0.5 - 1	0.11	2.10	0.11	0.23
RAA15-GH12	358	301	0.5 - 1	0.1	5.58	0.1	0.56
RAA15-GH13	388	727	0.5 - 1	0.16	13.47	0.16	2.16
RAA15-H11	361	470	0.5 - 1	0.066	8.71	0.066	0.57
RAA15-H12	283	622	0.5 - 1	0.088	11.51	0.088	1.01
RAA15-H13	284	606	0.5 - 1	0.05	11.21	0.05	0.56
RAA15-H14	368	626	0.5 - 1	0.053	11.59	0.053	0.61
RAA15-H15	370	27	0.5 - 1	0.1	0.50	0.1	0.05
RAA15-I10	363	667	0.5 - 1	0.245	12.34	0.245	3.02
RAA15-I11	292	588	0.5 - 1	1.16	10.88	1.16	12.63
RAA15-I12	293	596	0.5 - 1	0.27	11.04	0.27	2.98
RAA15-I13	294	465	0.5 - 1	0.054	8.61	0.054	0.46
RAA15-I14	295	581	0.5 - 1	0.076	10.77	0.076	0.82
RAA15-I15	372	342	0.5 - 1	0.099	6.33	0.099	0.63
RAA15-J8.5	366	271	0.5 - 1	0.11	5.02	0.11	0.55
RAA15-J9	365	695	0.5 - 1	0.13	12.86	0.13	1.67
RAA15-J10	296	630	0.5 - 1	0.19	11.67	0.19	2.22
RAA15-J11	297	626	0.5 - 1	0.83	11.60	0.83	9.63
RAA15-J12	298	632	0.5 - 1	0.063	11.70	0.063	0.74
RAA15-J13	299	532	0.5 - 1	0.1	9.86	0.1	0.99
RAA15-J14	300	609	0.5 - 1	0.051	11.28	0.051	0.58
RAA15-J15	374	651	0.5 - 1	0.15	12.05	0.15	1.81
RAA15-K8.5	350	616	0.5 - 1	0.222	11.40	0.222	2.53
RAA15-K9	313	619	0.5 - 1	0.14	11.46	0.14	1.60
RAA15-K10	307	625	0.5 - 1	0.101	11.57	0.101	1.17
RAA15-K11	308	625	0.5 - 1	0.91	11.57	0.91	10.53
RAA15-K12	309	621	0.5 - 1	0.15	11.50	0.15	1.73
RAA15-K13	310	625	0.5 - 1	0.28	11.57	0.28	3.24
RAA15-K14	311a,311b	627	0.5 - 1	2.875	11.62	2.875	33.41
RAA15-K15	312a,312b	734	0.5 - 1	0.099	13.59	0.099	1.35
RAA15-K16	376a,376b	460	0.5 - 1	0.2	8.52	0.2	1.70
RAA15-L8	352	19	0.5 - 1	0.26	0.35	0.26	0.09
RAA15-L8.5	325	498	0.5 - 1	0.13	9.22	0.13	1.20
RAA15-L9	326	690	0.5 - 1	0.34	12.78	0.34	4.34
RAA15-L10	314	614	0.5 - 1	0.15	11.37	0.15	1.71
RAA15-L11	315	628	0.5 - 1	0.62	11.62	0.62	7.21
RAA15-L12	316	624	0.5 - 1	0.73	11.55	0.73	8.43
RAA15-L13	317	623	0.5 - 1	1.05	11.53	1.05	12.11
RAA15-L14	318a,318b	672	0.5 - 1	0.41	12.45	0.41	5.10
RAA15-L15	319	683	0.5 - 1	0.15	12.66	0.15	1.90
RAA15-L16	378	693	0.5 - 1	0.099	12.82	0.099	1.27
RAA15-L17	380a,380b	151	0.5 - 1	0.066	2.80	0.066	0.18
RAA15-M10	327	647	0.5 - 1	0.029	11.97	0.029	0.35
RAA15-M11	328	622	0.5 - 1	0.033	11.52	0.033	0.38
RAA15-M12	329	554	0.5 - 1	0.55	10.26	0.55	5.65
RAA15-M13	330	625	0.5 - 1	2.19	11.58	2.19	25.35

TABLE D-59
EXISTING CONDITIONS
PARCELS K10-10-5 AND K10-10-6: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT (con't)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-M14	331a,331b	624	0.5 - 1	0.12	11.55	0.12	1.39
RAA15-M15	332a,332b	454	0.5 - 1	0.24	8.40	0.24	2.02
RAA15-M16	333a,333b	501	0.5 - 1	0.16	9.27	0.16	1.48
RAA15-M17	382a,382b	582	0.5 - 1	0.44	10.78	0.44	4.75
RAA15-N11	334	663	0.5 - 1	0.16	12.27	0.16	1.96
RAA15-N12	335	521	0.5 - 1	0.23	9.65	0.23	2.22
RAA15-N13	336	658	0.5 - 1	1.6	12.18	1.6	19.48
RAA15-N14	337	621	0.5 - 1	0.88	11.49	0.88	10.11
RAA15-N15	399,400	532	0.5 - 1	2.1	9.86	2.1	20.70
RAA15-N16	338a,338b	341	0.5 - 1	0.48	6.31	0.48	3.03
RAA15-N17	384	606	0.5 - 1	0.38	11.22	0.38	4.26
RAA15-O11	395,405,406	202	0.5 - 1	0.091	3.74	0.091	0.34
RAA15-O13	341	498	0.5 - 1	0.062	9.22	0.062	0.57
RAA15-O14	342	545	0.5 - 1	0.177	10.09	0.177	1.79
RAA15-O15	401	627	0.5 - 1	1.4	11.61	1.4	16.25
RAA15-O16	403,404	333	0.5 - 1	2.36	6.17	2.36	14.55
RAA15-P12	396,397,398	560	0.5 - 1	0.02	10.38	0.02	0.21
RAA15-P13	343	592	0.5 - 1	0.13	10.97	0.13	1.43
RAA15-P14	344	524	0.5 - 1	0.118	9.71	0.118	1.15
RAA15-P15	345	294	0.5 - 1	0.15	5.44	0.15	0.82
RAA15-Q13	346	513	0.5 - 1	0.212	9.49	0.212	2.01
Totals:	--	36,388	--	--	673.86	--	288.42
					Volume-Weighted Average:		**0.43**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	36,388	--	--	1,347.72	--	576.83
					Volume-Weighted Average:		**0.43**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-60
EXISTING CONDITIONS
PARCELS K10-10-5 AND K10-10-6: GREATER THAN 1 FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

GREATER THAN 1 FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	1	2,492	1 - 2	0.15	92.30	0.03	43.84
			2 - 4	**0.025**	276.89		
			4 - 6	**0.025**	461.48		
			6 - 8	**0.025**	646.07		
			8 - 10	**0.025**	830.66		
			10 - 12	**0.025**	1,015.25		
			12 - 14	**0.025**	1,199.84		
			14 - 15	**0.025**	1,292.14		
RAA15-G11	37	32	1 - 3	**0.019**	2.37	0.02	0.35
			3 - 6	**0.0215**	5.92		
			6 - 10	**0.0225**	10.65		
			10 - 15	**0.021**	16.57		
RAA15-G15	53	24	1 - 3	0.016	1.81	0.02	0.24
			3 - 6	**0.022**	4.52		
			6 - 10	**0.022**	8.13		
			10 - 15	0.017	12.64		
RAA15-H11	40	1,548	1 - 3	0.011	114.70	0.02	3.50
			3 - 5	**0.0195**	229.40		
RAA15-H13	55	2,804	1 - 3	**0.0195**	207.74	0.02	23.20
			3 - 5	**0.0185**	415.48		
			9 - 11	**0.029**	1,038.69		
RAA15-J8	45	299	1 - 3	**0.0185**	22.14	0.02	3.01
			3 - 6	**0.019**	55.35		
			6 - 10	**0.0195**	99.64		
			10 - 15	**0.02**	154.99		
RAA15-J9	43	2,092	1 - 3	**0.0185**	154.96	0.02	5.58
			3 - 5	**0.0175**	309.92		
RAA15-J11	12	2,664	1 - 3	0.018	197.33	0.02	11.15
			3 - 5	0.016	394.65		
			5 - 7	**0.0225**	591.98		
RAA15-J15	47	2,477	1 - 3	0.104	183.46	0.05	39.44
			3 - 5	0.051	366.92		
			5 - 7	0.04	550.37		
			7 - 9	**0.02**	733.83		
RAA15-L9	34	2,455	1 - 3	0.0071	181.85	0.01	4.47
			3 - 5	**0.0175**	363.71		
RAA15-L11	16	2,490	1 - 3	0.062	184.43	0.04	14.66
			3 - 5	**0.0175**	368.87		
RAA15-L13	17	2,916	1 - 3	2.4	216.00	9.46	14,304.07
			3 - 5	0.41	431.99		
			5 - 7	25	647.99		
			7 - 9	35	863.98		
			9 - 11	3	1,079.98		
			11 - 13	0.4	1,295.97		
			13 - 15	0.014	1,511.97		
RAA15-L15	49	3,150	1 - 3	0.04	233.30	9.65	15,766.71
			3 - 5	2.7	466.60		
			5 - 7	63	699.90		
			7 - 9	0.29	933.20		
			9 - 11	0.37	1,166.50		
			11 - 13	0.78	1,399.80		
			13 - 15	0.4015	1,633.09		
RAA15-N11	18	1,776	1 - 3	0.029	131.53	0.02	6.12
			3 - 5	**0.0175**	263.05		
RAA15-N13	19	2,108	1 - 3	0.18	156.17	0.10	30.84
			3 - 5	**0.0175**	312.34		
RAA15-N15	20	2,063	1 - 3	14.35	152.81	3.73	2,281.97
			3 - 5	0.52	305.62		
			5 - 7	0.046	458.43		
			7 - 9	**0.0175**	611.24		

TABLE D-60
EXISTING CONDITIONS
PARCELS K10-10-5 AND K10-10-6: GREATER THAN 1 FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

GREATER THAN 1 FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-N17	51	1,485	1 - 3	0.13	110.03	0.09	37.69
			3 - 5	0.038	220.07		
			5 - 7	0.156	330.10		
			7 - 9	**0.0185**	440.14		
RAA15-P13	22	2,288	1 - 3	0.051	169.48	0.03	13.24
			3 - 5	0.0096	338.97		
			5 - 7	**0.0175**	508.45		
RAA15-P15	23	1,225	1 - 3	0.026	90.74	0.02	3.99
			3 - 5	**0.018**	181.49		
Totals:	--	36,388	--	--	10,574.50	--	32,594.08
					Volume-Weighted Average:		**3.08**

Notes:

1. Polygon ID and area based on information shown on Figure D-17.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.

TABLE D-61
POST-REMEDIATION CONDITIONS
PARCELS K10-10-5 AND K10-10-6: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	251	330	0 - 0.5	0.15	6.12	0.15	0.92
RAA15-G13	390	113	0 - 0.5	0.11	2.10	0.11	0.23
RAA15-GH12	362	301	0 - 0.5	0.1	5.58	0.1	0.56
RAA15-GH13	392	727	0 - 0.5	0.16	13.47	0.16	2.16
RAA15-H11	365	470	0 - 0.5	0.066	8.71	0.066	0.57
RAA15-H12	283	622	0 - 0.5	0.088	11.51	0.088	1.01
RAA15-H13	284	606	0 - 0.5	0.05	11.21	0.05	0.56
RAA15-H14	372	626	0 - 0.5	0.053	11.59	0.053	0.61
RAA15-H15	374	27	0 - 0.5	0.1	0.50	0.1	0.05
RAA15-I10	367	667	0 - 0.5	0.245	12.34	0.245	3.02
RAA15-I11	292	588	0 - 0.5	1.16	10.88	1.16	12.63
RAA15-I12	293	596	0 - 0.5	0.27	11.04	0.27	2.98
RAA15-I13	294	465	0 - 0.5	0.054	8.61	0.054	0.46
RAA15-I14	295	581	0 - 0.5	0.076	10.77	0.076	0.82
RAA15-I15	376	342	0 - 0.5	0.099	6.33	0.099	0.63
RAA15-J8.5	370	271	0 - 0.5	0.11	5.02	0.11	0.55
RAA15-J9	369	695	0 - 0.5	0.13	12.86	0.13	1.67
RAA15-J10	296	630	0 - 0.5	0.19	11.67	0.19	2.22
RAA15-J11	297	626	0 - 0.5	0.83	11.60	0.83	9.63
RAA15-J12	298	632	0 - 0.5	0.063	11.70	0.063	0.74
RAA15-J13	299	532	0 - 0.5	0.1	9.86	0.1	0.99
RAA15-J14	300	609	0 - 0.5	0.051	11.28	0.051	0.58
RAA15-J15	378	651	0 - 0.5	0.15	12.05	0.15	1.81
RAA15-K8.5	354	616	0 - 0.5	0.222	11.40	0.222	2.53
RAA15-K9	313	619	0 - 0.5	0.14	11.46	0.14	1.60
RAA15-K10	307	625	0 - 0.5	0.101	11.57	0.101	1.17
RAA15-K11	308	625	0 - 0.5	0.91	11.57	0.91	10.53
RAA15-K12	309	621	0 - 0.5	0.15	11.50	0.15	1.73
RAA15-K13	310	625	0 - 0.5	0.28	11.57	0.28	3.24
RAA15-K14	311a	582	0 - 0.5	2.875	10.77	2.875	30.97
RAA15-K14	311b	46	0 - 0.5	***0.021***	0.85	0.021	0.02
RAA15-K15	312a	461	0 - 0.5	0.099	8.53	0.099	0.84
RAA15-K15	312b	273	0 - 0.5	***0.021***	5.06	0.021	0.11
RAA15-K16	380a	310	0 - 0.5	0.2	5.75	0.2	1.15
RAA15-K16	380b	150	0 - 0.5	***0.021***	2.77	0.021	0.06
RAA15-L8	356	19	0 - 0.5	0.26	0.35	0.26	0.09
RAA15-L8.5	325	498	0 - 0.5	0.13	9.22	0.13	1.20
RAA15-L9	326	690	0 - 0.5	0.34	12.78	0.34	4.34
RAA15-L10	314	614	0 - 0.5	0.15	11.37	0.15	1.71
RAA15-L11	315	628	0 - 0.5	0.62	11.62	0.62	7.21
RAA15-L12	316	624	0 - 0.5	0.73	11.55	0.73	8.43
RAA15-L13	317	623	0 - 0.5	1.05	11.53	1.05	12.11
RAA15-L14	318a	353	0 - 0.5	0.41	6.54	0.41	2.68
RAA15-L14	318b	319	0 - 0.5	***0.021***	5.91	0.021	0.12
RAA15-L15	319	683	0 - 0.5	***0.021***	12.66	0.021	0.27
RAA15-L16	382	693	0 - 0.5	***0.021***	12.82	0.021	0.27
RAA15-L17	384a	42	0 - 0.5	0.066	0.79	0.066	0.05
RAA15-L17	384b	109	0 - 0.5	***0.021***	2.02	0.021	0.04
RAA15-M10	327	647	0 - 0.5	0.029	11.97	0.029	0.35
RAA15-M11	328	622	0 - 0.5	0.033	11.52	0.033	0.38
RAA15-M12	329	554	0 - 0.5	0.55	10.26	0.55	5.65
RAA15-M13	330	625	0 - 0.5	2.19	11.58	2.19	25.35
RAA15-M14	331a	343	0 - 0.5	0.12	6.35	0.12	0.76
RAA15-M14	331b	281	0 - 0.5	***0.021***	5.20	0.021	0.11
RAA15-M15	332a	260	0 - 0.5	0.24	4.82	0.24	1.16
RAA15-M15	332b	193	0 - 0.5	***0.021***	3.58	0.021	0.08
RAA15-M16	333a	121	0 - 0.5	0.16	2.24	0.16	0.36
RAA15-M16	333b	380	0 - 0.5	***0.021***	7.03	0.021	0.15
RAA15-M17	386a	571	0 - 0.5	0.44	10.57	0.44	4.65
RAA15-M17	386b	11	0 - 0.5	***0.021***	0.21	0.021	0.00
RAA15-N11	334	663	0 - 0.5	0.16	12.27	0.16	1.96
RAA15-N12	335	521	0 - 0.5	0.23	9.65	0.23	2.22

TABLE D-61
POST-REMEDIATION CONDITIONS
PARCELS K10-10-5 AND K10-10-6: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0- TO 0.5-FOOT DEPTH INCREMENT (con't)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-N13	336	658	0 - 0.5	1.6	12.18	1.6	19.48
RAA15-N14	337	621	0 - 0.5	0.88	11.49	0.88	10.11
RAA15-N15	403,404	532	0 - 0.5	2.1	9.86	2.1	20.70
RAA15-N16	338a	329	0 - 0.5	0.48	6.09	0.48	2.92
RAA15-N16	338b	12	0 - 0.5	***0.021***	0.22	0.021	0.00
RAA15-N17	388	606	0 - 0.5	0.38	11.22	0.38	4.26
RAA15-O11	399,409,410	202	0 - 0.5	0.091	3.74	0.091	0.34
RAA15-O13	341	498	0 - 0.5	0.062	9.22	0.062	0.57
RAA15-O14	342	545	0 - 0.5	0.177	10.09	0.177	1.79
RAA15-O15	405	627	0 - 0.5	1.4	11.61	1.4	16.25
RAA15-O16	407,408	333	0 - 0.5	2.36	6.17	2.36	14.55
RAA15-P12	400,401,402	560	0 - 0.5	0.02	10.38	0.02	0.21
RAA15-P13	343	592	0 - 0.5	0.13	10.97	0.13	1.43
RAA15-P14	344	524	0 - 0.5	0.118	9.71	0.118	1.15
RAA15-P15	345	294	0 - 0.5	0.15	5.44	0.15	0.82
RAA15-Q13	346	513	0 - 0.5	0.212	9.49	0.212	2.01
Totals:	--	36,388	--	--	673.86	--	277.61
					Volume-Weighted Average:		**0.41**

0.5- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	251	330	0.5 - 1	0.15	6.12	0.15	0.92
RAA15-G13	386	113	0.5 - 1	0.11	2.10	0.11	0.23
RAA15-GH12	358	301	0.5 - 1	0.1	5.58	0.1	0.56
RAA15-GH13	388	727	0.5 - 1	0.16	13.47	0.16	2.16
RAA15-H11	361	470	0.5 - 1	0.066	8.71	0.066	0.57
RAA15-H12	283	622	0.5 - 1	0.088	11.51	0.088	1.01
RAA15-H13	284	606	0.5 - 1	0.05	11.21	0.05	0.56
RAA15-H14	368	626	0.5 - 1	0.053	11.59	0.053	0.61
RAA15-H15	370	27	0.5 - 1	0.1	0.50	0.1	0.05
RAA15-I10	363	667	0.5 - 1	0.245	12.34	0.245	3.02
RAA15-I11	292	588	0.5 - 1	1.16	10.88	1.16	12.63
RAA15-I12	293	596	0.5 - 1	0.27	11.04	0.27	2.98
RAA15-I13	294	465	0.5 - 1	0.054	8.61	0.054	0.46
RAA15-I14	295	581	0.5 - 1	0.076	10.77	0.076	0.82
RAA15-I15	372	342	0.5 - 1	0.099	6.33	0.099	0.63
RAA15-J8.5	366	271	0.5 - 1	0.11	5.02	0.11	0.55
RAA15-J9	365	695	0.5 - 1	0.13	12.86	0.13	1.67
RAA15-J10	296	630	0.5 - 1	0.19	11.67	0.19	2.22
RAA15-J11	297	626	0.5 - 1	0.83	11.60	0.83	9.63
RAA15-J12	298	632	0.5 - 1	0.063	11.70	0.063	0.74
RAA15-J13	299	532	0.5 - 1	0.1	9.86	0.1	0.99
RAA15-J14	300	609	0.5 - 1	0.051	11.28	0.051	0.58
RAA15-J15	374	651	0.5 - 1	0.15	12.05	0.15	1.81
RAA15-K8.5	350	616	0.5 - 1	0.222	11.40	0.222	2.53
RAA15-K9	313	619	0.5 - 1	0.14	11.46	0.14	1.60
RAA15-K10	307	625	0.5 - 1	0.101	11.57	0.101	1.17
RAA15-K11	308	625	0.5 - 1	0.91	11.57	0.91	10.53
RAA15-K12	309	621	0.5 - 1	0.15	11.50	0.15	1.73
RAA15-K13	310	625	0.5 - 1	0.28	11.57	0.28	3.24
RAA15-K14	311a	582	0.5 - 1	2.875	10.77	2.875	30.97
RAA15-K14	311b	46	0.5 - 1	***0.021***	0.85	0.021	0.02
RAA15-K15	312a	461	0.5 - 1	0.099	8.53	0.099	0.84
RAA15-K15	312b	273	0.5 - 1	***0.021***	5.06	0.021	0.11
RAA15-K16	376a	310	0.5 - 1	0.2	5.75	0.2	1.15
RAA15-K16	376b	150	0.5 - 1	***0.021***	2.77	0.021	0.06
RAA15-L8	352	19	0.5 - 1	0.26	0.35	0.26	0.09
RAA15-L8.5	325	498	0.5 - 1	0.13	9.22	0.13	1.20

TABLE D-61
POST-REMEDIATION CONDITIONS
PARCELS K10-10-5 AND K10-10-6: 0- TO 1-FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

0.5- TO 1-FOOT DEPTH INCREMENT (con't)

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-L9	326	690	0.5 - 1	0.34	12.78	0.34	4.34
RAA15-L10	314	614	0.5 - 1	0.15	11.37	0.15	1.71
RAA15-L11	315	628	0.5 - 1	0.62	11.62	0.62	7.21
RAA15-L12	316	624	0.5 - 1	0.73	11.55	0.73	8.43
RAA15-L13	317	623	0.5 - 1	1.05	11.53	1.05	12.11
RAA15-L14	318a	353	0.5 - 1	0.41	6.54	0.41	2.68
RAA15-L14	318b	319	0.5 - 1	***0.021***	5.91	0.021	0.12
RAA15-L15	319	683	0.5 - 1	***0.021***	12.66	0.021	0.27
RAA15-L16	378	693	0.5 - 1	***0.021***	12.82	0.021	0.27
RAA15-L17	380a	42	0.5 - 1	0.066	0.79	0.066	0.05
RAA15-L17	380b	109	0.5 - 1	***0.021***	2.02	0.021	0.04
RAA15-M10	327	647	0.5 - 1	0.029	11.97	0.029	0.35
RAA15-M11	328	622	0.5 - 1	0.033	11.52	0.033	0.38
RAA15-M12	329	554	0.5 - 1	0.55	10.26	0.55	5.65
RAA15-M13	330	625	0.5 - 1	2.19	11.58	2.19	25.35
RAA15-M14	331a	343	0.5 - 1	0.12	6.35	0.12	0.76
RAA15-M14	331b	281	0.5 - 1	***0.021***	5.20	0.021	0.11
RAA15-M15	332a	260	0.5 - 1	0.24	4.82	0.24	1.16
RAA15-M15	332b	193	0.5 - 1	***0.021***	3.58	0.021	0.08
RAA15-M16	333a	121	0.5 - 1	0.16	2.24	0.16	0.36
RAA15-M16	333b	380	0.5 - 1	***0.021***	7.03	0.021	0.15
RAA15-M17	382a	571	0.5 - 1	0.44	10.57	0.44	4.65
RAA15-M17	382b	11	0.5 - 1	***0.021***	0.21	0.021	0.00
RAA15-N11	334	663	0.5 - 1	0.16	12.27	0.16	1.96
RAA15-N12	335	521	0.5 - 1	0.23	9.65	0.23	2.22
RAA15-N13	336	658	0.5 - 1	1.6	12.18	1.6	19.48
RAA15-N14	337	621	0.5 - 1	0.88	11.49	0.88	10.11
RAA15-N15	399,400	532	0.5 - 1	2.1	9.86	2.1	20.70
RAA15-N16	338a	329	0.5 - 1	0.48	6.09	0.48	2.92
RAA15-N16	338b	12	0.5 - 1	***0.021***	0.22	0.021	0.00
RAA15-N17	384	606	0.5 - 1	0.38	11.22	0.38	4.26
RAA15-O11	395,405,406	202	0.5 - 1	0.091	3.74	0.091	0.34
RAA15-O13	341	498	0.5 - 1	0.062	9.22	0.062	0.57
RAA15-O14	342	545	0.5 - 1	0.177	10.09	0.177	1.79
RAA15-O15	401	627	0.5 - 1	1.4	11.61	1.4	16.25
RAA15-O16	403,404	333	0.5 - 1	2.36	6.17	2.36	14.55
RAA15-P12	396,397,398	560	0.5 - 1	0.02	10.38	0.02	0.21
RAA15-P13	343	592	0.5 - 1	0.13	10.97	0.13	1.43
RAA15-P14	344	524	0.5 - 1	0.118	9.71	0.118	1.15
RAA15-P15	345	294	0.5 - 1	0.15	5.44	0.15	0.82
RAA15-Q13	346	513	0.5 - 1	0.212	9.49	0.212	2.01
Totals:	--	36,388	--	--	673.86	--	277.61
					Volume-Weighted Average:		**0.41**

SUMMARY: 0- TO 1-FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
Totals:	--	36,388	--	--	1,347.72	--	555.23
					Volume-Weighted Average:		**0.41**

Notes:

1. Polygon ID and area based on information shown on Figures D-1 and D-2.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set .

TABLE D-62
POST-REMEDIATION CONDITIONS
PARCELS K10-10-5 AND K10-10-6: GREATER THAN 1 FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

GREATER THAN 1 FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
K-1	1	2,492	1 - 2	0.15	92.30	0.03	43.84
			2 - 4	**0.025**	276.89		
			4 - 6	**0.025**	461.48		
			6 - 8	**0.025**	646.07		
			8 - 10	**0.025**	830.66		
			10 - 12	**0.025**	1,015.25		
			12 - 14	**0.025**	1,199.84		
			14 - 15	**0.025**	1,292.14		
RAA15-G11	37	32	1 - 3	**0.019**	2.37	0.02	0.35
			3 - 6	**0.0215**	5.92		
			6 - 10	**0.0225**	10.65		
			10 - 15	**0.021**	16.57		
RAA15-G15	53	24	1 - 3	0.016	1.81	0.02	0.24
			3 - 6	**0.022**	4.52		
			6 - 10	**0.022**	8.13		
			10 - 15	0.017	12.64		
RAA15-H11	40	1,548	1 - 3	0.011	114.70	0.02	3.50
			3 - 5	**0.0195**	229.40		
RAA15-H13	55	2,804	1 - 3	**0.0195**	207.74	0.02	23.20
			3 - 5	**0.0185**	415.48		
			9 - 11	**0.029**	1,038.69		
RAA15-J8	45	299	1 - 3	**0.0185**	22.14	0.02	3.01
			3 - 6	**0.019**	55.35		
			6 - 10	**0.0195**	99.64		
			10 - 15	**0.02**	154.99		
RAA15-J9	43	2,092	1 - 3	**0.0185**	154.96	0.02	5.58
			3 - 5	**0.0175**	309.92		
RAA15-J11	12	2,664	1 - 3	0.018	197.33	0.02	11.15
			3 - 5	0.016	394.65		
			5 - 7	**0.0225**	591.98		
RAA15-J15	47	2,477	1 - 3	0.104	183.46	0.05	39.44
			3 - 5	0.051	366.92		
			5 - 7	0.04	550.37		
			7 - 9	**0.02**	733.83		
RAA15-L9	34	2,455	1 - 3	0.0071	181.85	0.01	4.47
			3 - 5	**0.0175**	363.71		
RAA15-L11	16	2,490	1 - 3	0.062	184.43	0.04	14.66
			3 - 5	**0.0175**	368.87		
RAA15-L13	17	2,916	1 - 3	2.4	216.00	9.46	14,304.07
			3 - 5	0.41	431.99		
			5 - 7	25	647.99		
			7 - 9	35	863.98		
			9 - 11	3	1,079.98		
			11 - 13	0.4	1,295.97		
			13 - 15	0.014	1,511.97		
RAA15-L15	49	3,150	1 - 3	***0.021***	233.30	0.27	444.32
			3 - 5	***0.021***	466.60		
			5 - 7	***0.021***	699.90		
			7 - 9	0.29	933.20		
			9 - 11	0.37	1,166.50		
			11 - 13	0.78	1,399.80		
			13 - 15	0.4015	1,633.09		
RAA15-N11	18	1,776	1 - 3	0.029	131.53	0.02	6.12
			3 - 5	**0.0175**	263.05		
RAA15-N13	19	2,108	1 - 3	0.18	156.17	0.10	30.84
			3 - 5	**0.0175**	312.34		
RAA15-N15	20	2,063	1 - 3	14.35	152.81	3.73	2,281.97
			3 - 5	0.52	305.62		
			5 - 7	0.046	458.43		
			7 - 9	**0.0175**	611.24		

TABLE D-62
POST-REMEDIATION CONDITIONS
PARCELS K10-10-5 AND K10-10-6: GREATER THAN 1 FOOT DEPTH INCREMENT

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

GREATER THAN 1 FOOT DEPTH INCREMENT

Sample ID(s)	Polygon ID	Polygon Area (sq. ft.)	Sample Depth (ft.)	PCB Conc. (ppm)	Volume (cumulative) (cy)	Average PCB Concentration Per Foot	Average PCB Conc. TIMES Total Volume
RAA15-N17	51	1,485	1 - 3	0.13	110.03	0.09	37.69
			3 - 5	0.038	220.07		
			5 - 7	0.156	330.10		
			7 - 9	**0.0185**	440.14		
RAA15-P13	22	2,288	1 - 3	0.051	169.48	0.03	13.24
			3 - 5	0.0096	338.97		
			5 - 7	**0.0175**	508.45		
RAA15-P15	23	1,225	1 - 3	0.026	90.74	0.02	3.99
			3 - 5	**0.018**	181.49		
Totals:	--	36,388	--	--	10,574.50	--	17,271.68
					Volume-Weighted Average:		**1.63**

Notes:

1. Polygon ID and area based on information shown on Figure D-17.
2. Non-detectable PCBs included as one-half the detection limit in calculations and shown in bold.
3. For instances where a duplicate sample was available, the average of the samples was included in table.
4. All calculations and rounding are performed by the computer software. Therefore, certain quantities in above table are displayed as rounded numbers for table clarity.
5. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill concentration corresponds to the average PCB concentration as presented in the CD Sites Backfill Data Set.

Figures

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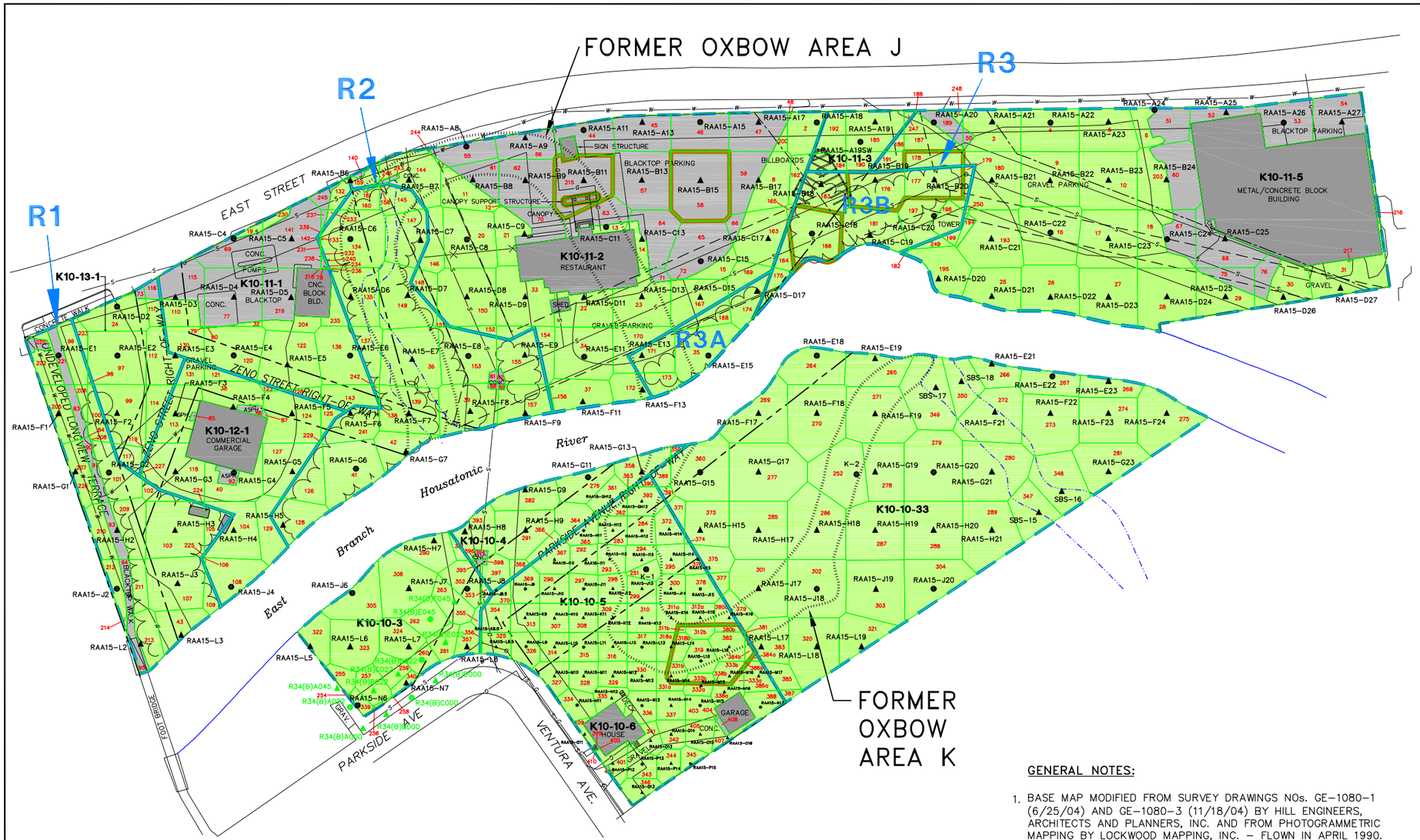
engineers, scientists, economists



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-H4 SURFACE SOIL SAMPLE LOCATION
- RAA15-G6 SOIL BORING LOCATION
- R34(B)C022 EPA SURFACE SOIL SAMPLE LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA
- UNPAVED AREA
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

0 100' 200'

GRAPHIC SCALE

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
0- TO 0.5-FOOT DEPTH INCREMENT

BBL
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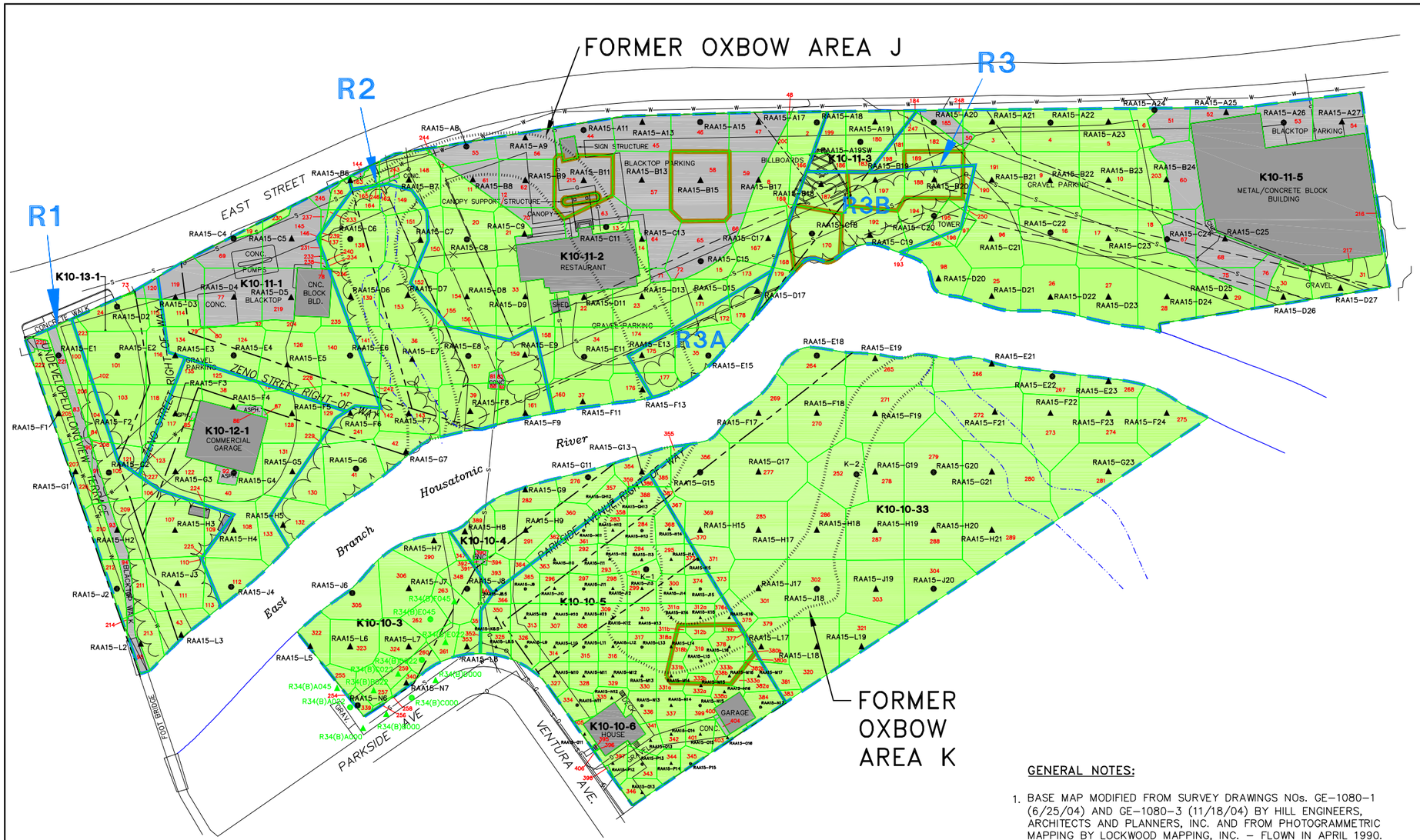
engineers, scientists, economists

FIGURE
D-1

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |SHD-ESMT
P: PAGESET/SYR-DL
3/8/05 SYR-BS-DMW GMS DMW
N/20639003/20639G11.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-H4 SURFACE SOIL SAMPLE LOCATION
- RAA15-G6 SOIL BORING LOCATION
- R34(B)C022 EPA SURFACE SOIL SAMPLE LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA
- UNPAVED AREA
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
0.5- TO 1-FOOT DEPTH INCREMENT

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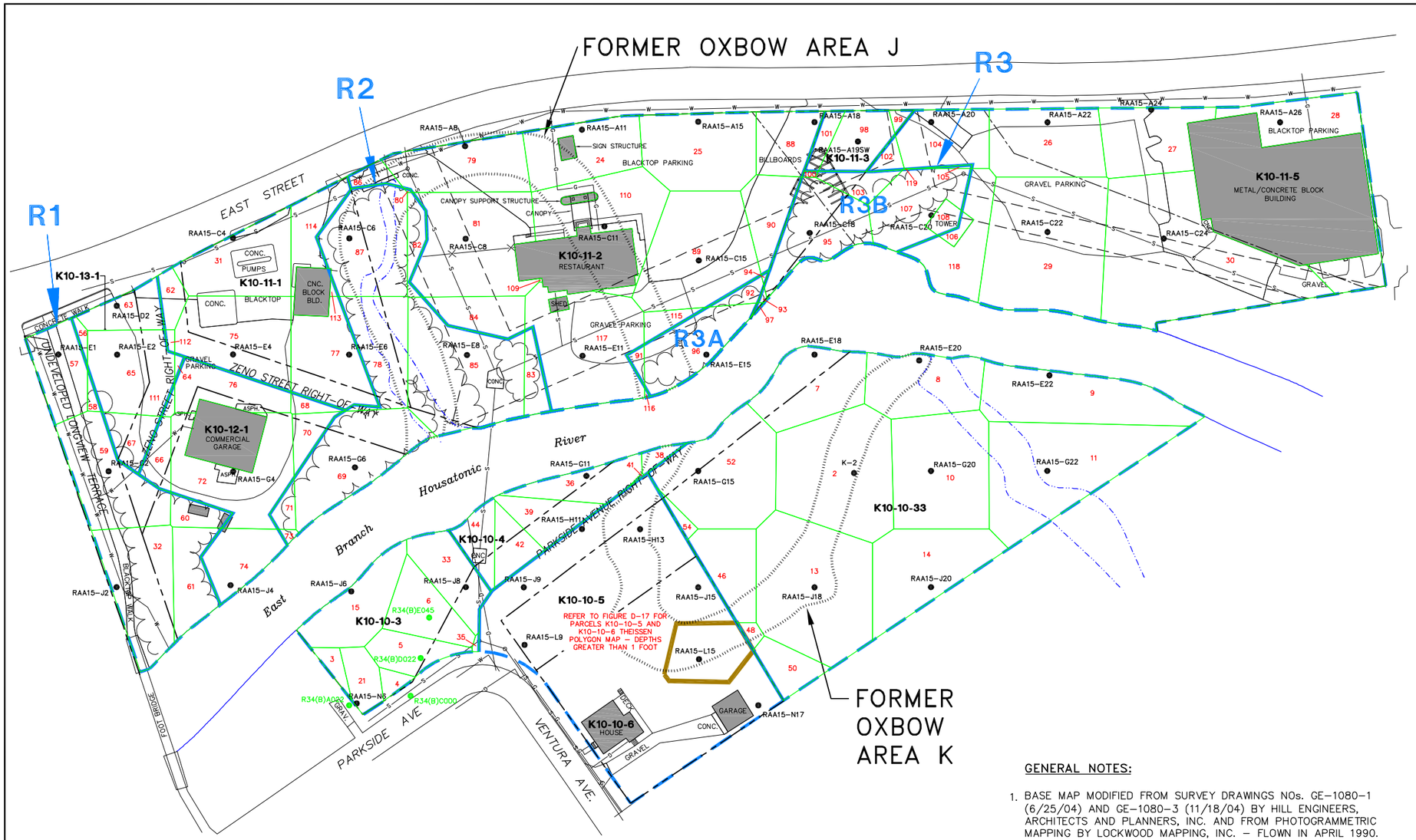
engineers, scientists, economists

FIGURE
D-2

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |SHD-ESMT
P: PAGESET/SYR-DL
3/8/05 SYR-85-DMW GMS DMW
N/20639003/20639G1Z.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

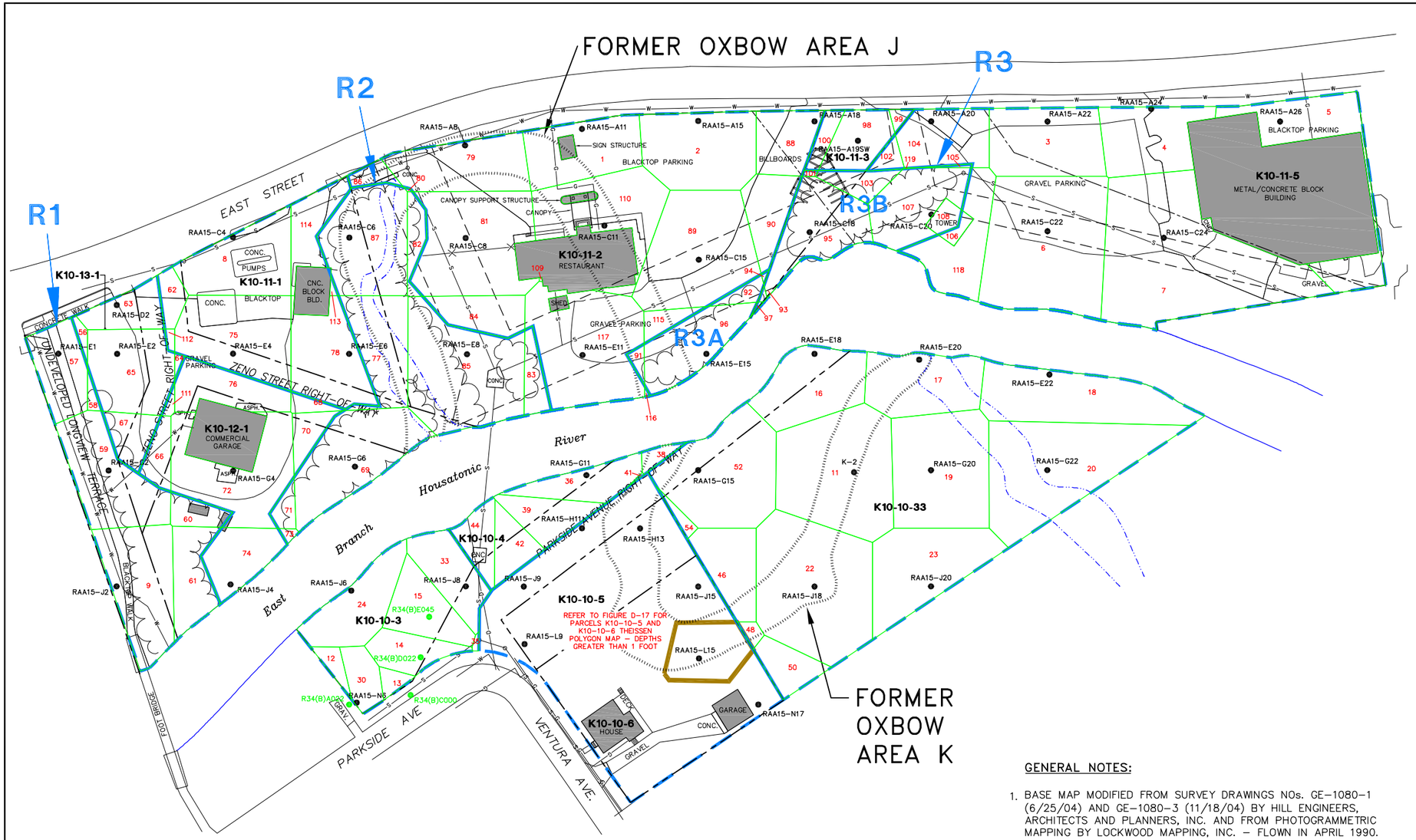
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 1- TO 2-FOOT DEPTH INCREMENT

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

FIGURE D-3

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/8/05 SYR-85-DMW GMS DMW
N/20639003/20639G13.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 2- TO 3-FOOT DEPTH INCREMENT

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

FIGURE D-4

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
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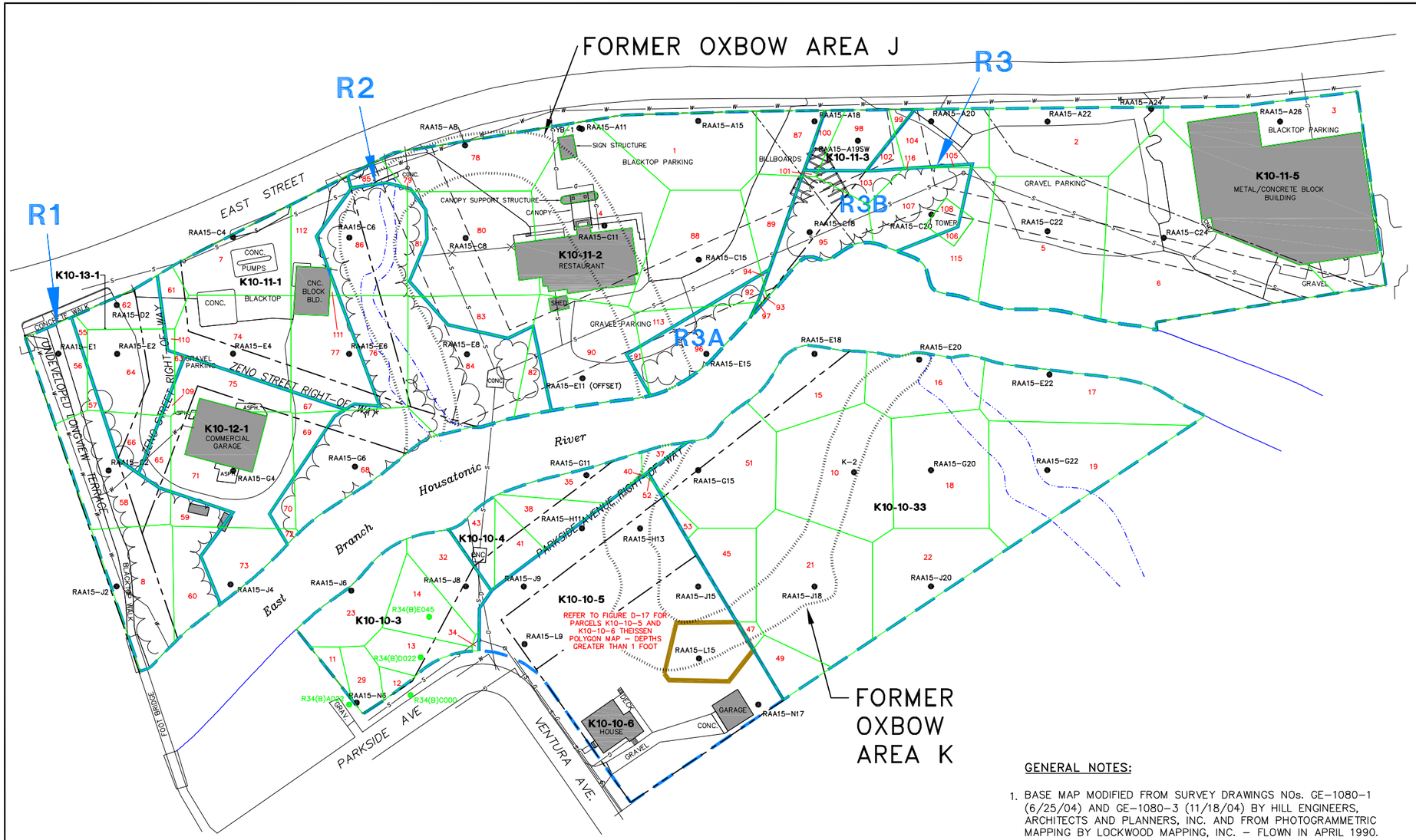
N/20639003/20639G14.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

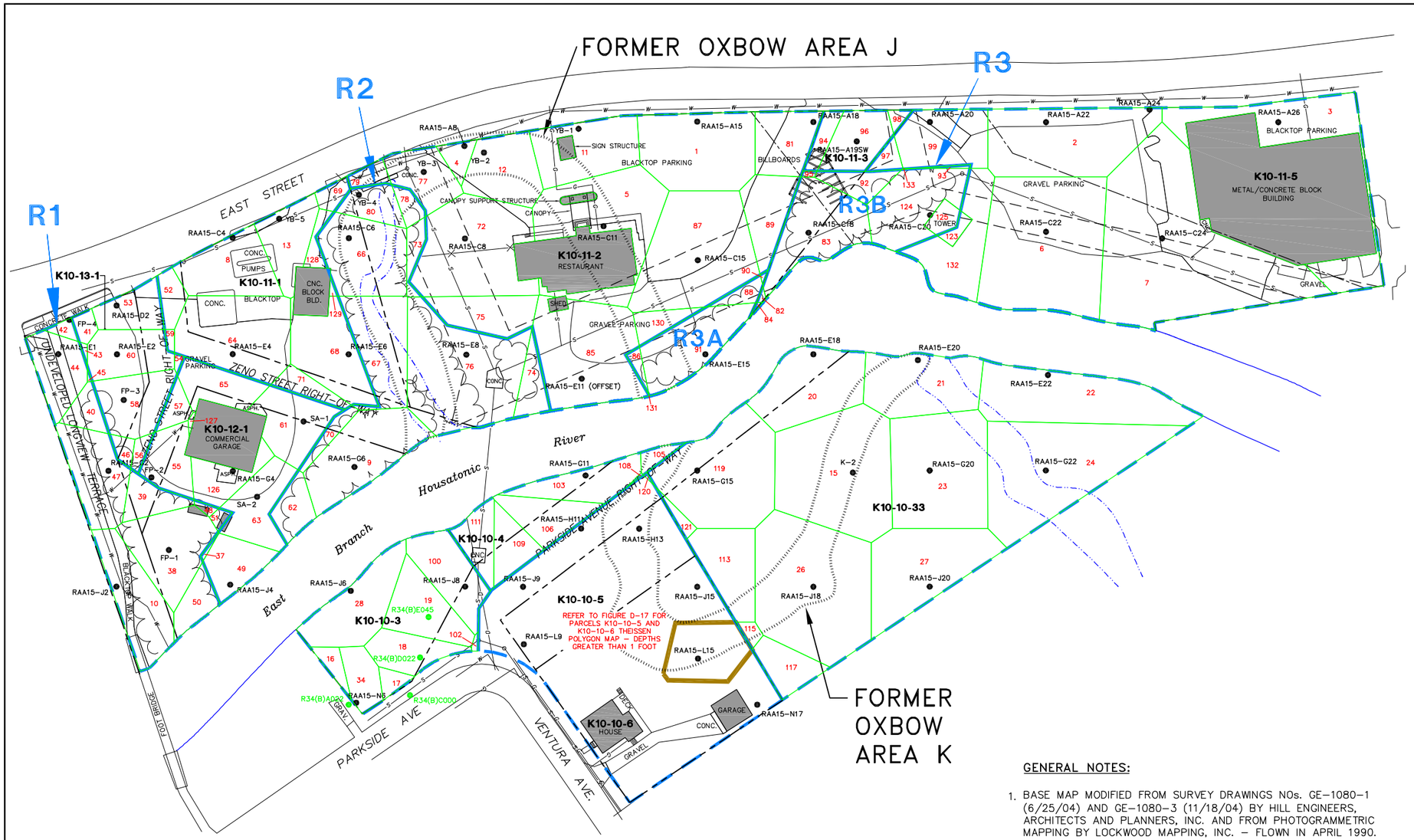
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 3- TO 4-FOOT DEPTH INCREMENT

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

FIGURE D-5

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G15.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- YB-3 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

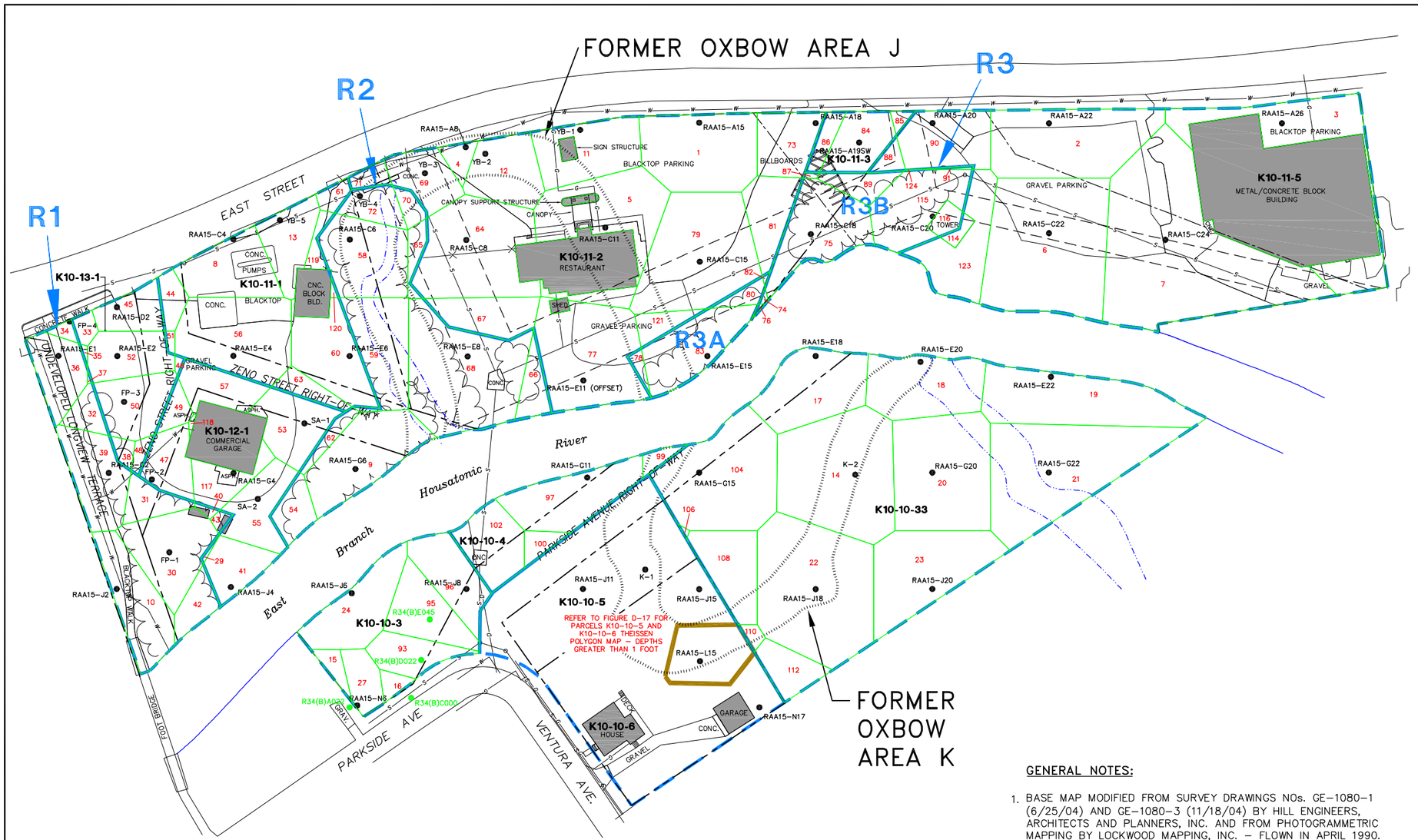
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 4- TO 5-FOOT DEPTH INCREMENT

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

FIGURE D-6

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/9/05 SYR-BS-DMW GMS DMW
N/20639003/20639G16.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- YB-3 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
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4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

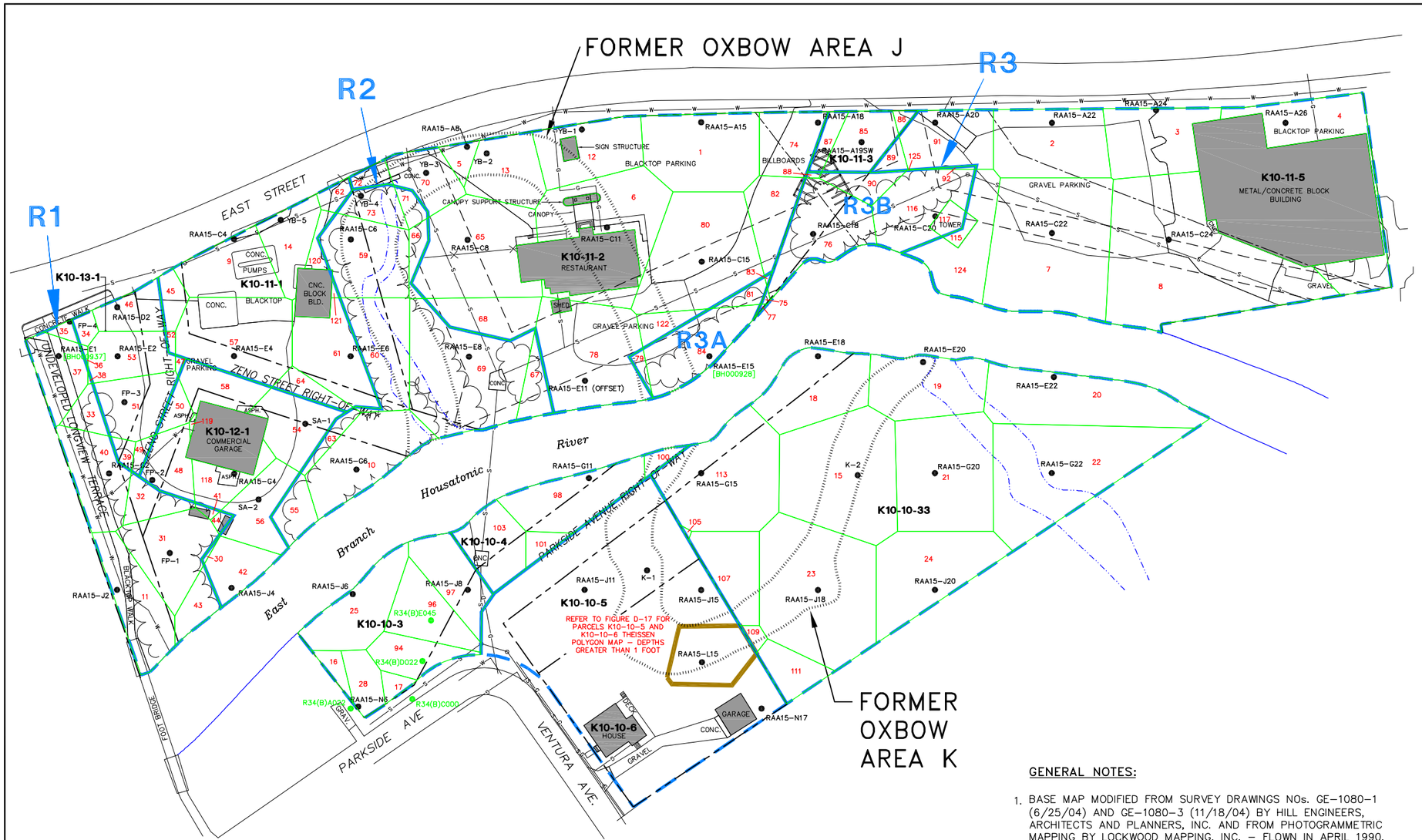
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
5- TO 6-FOOT DEPTH INCREMENT

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

FIGURE D-7

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G17.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- YB-3 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- [BH000937] EPA SPLIT SAMPLE LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

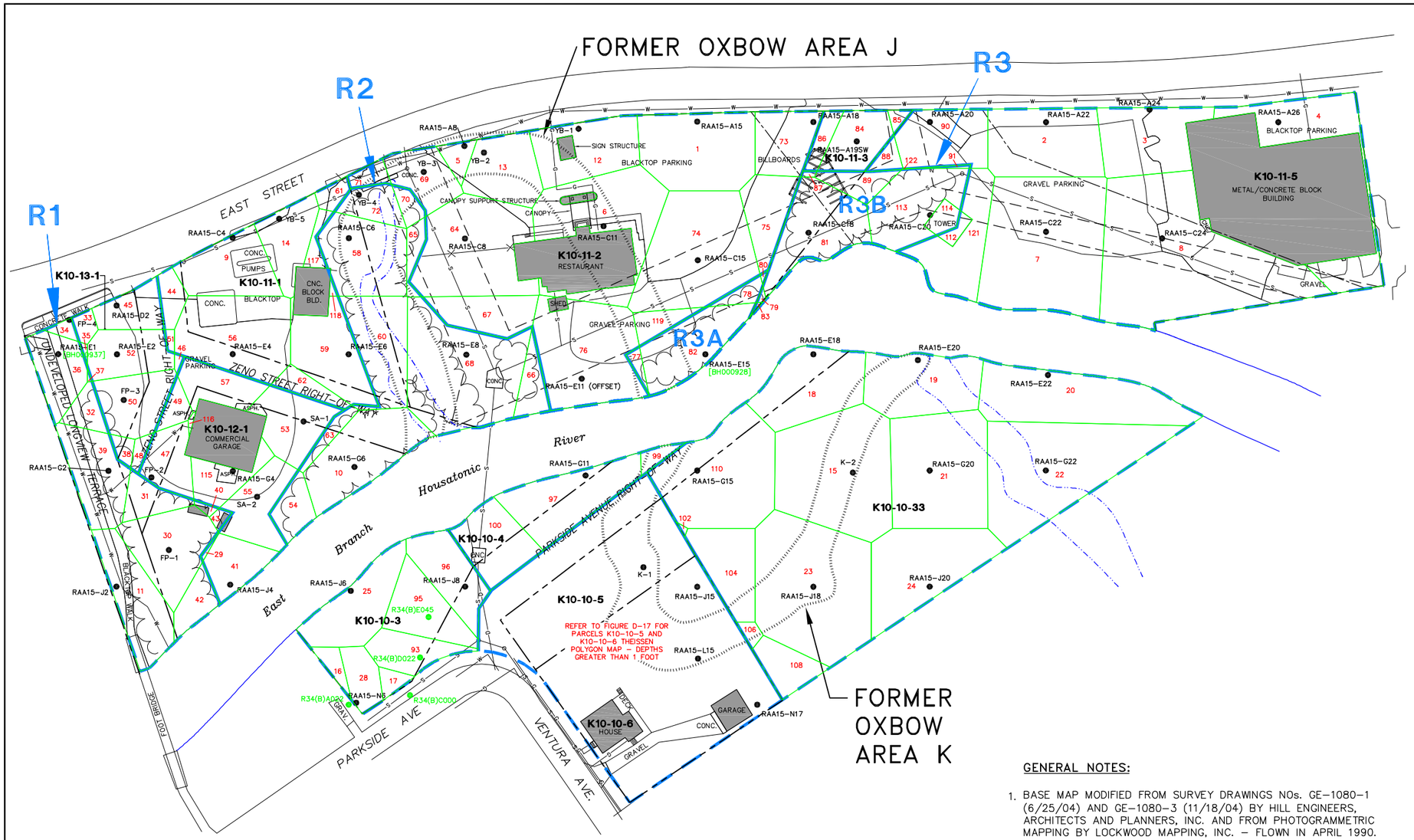
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
6- TO 7-FOOT DEPTH INCREMENT

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

FIGURE D-8

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G18.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- YB-3 SOIL BORING LOCATION
- R34(B)C000 EPA SOIL BORING LOCATION
- [BH000937] EPA SPLIT SAMPLE LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 101 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

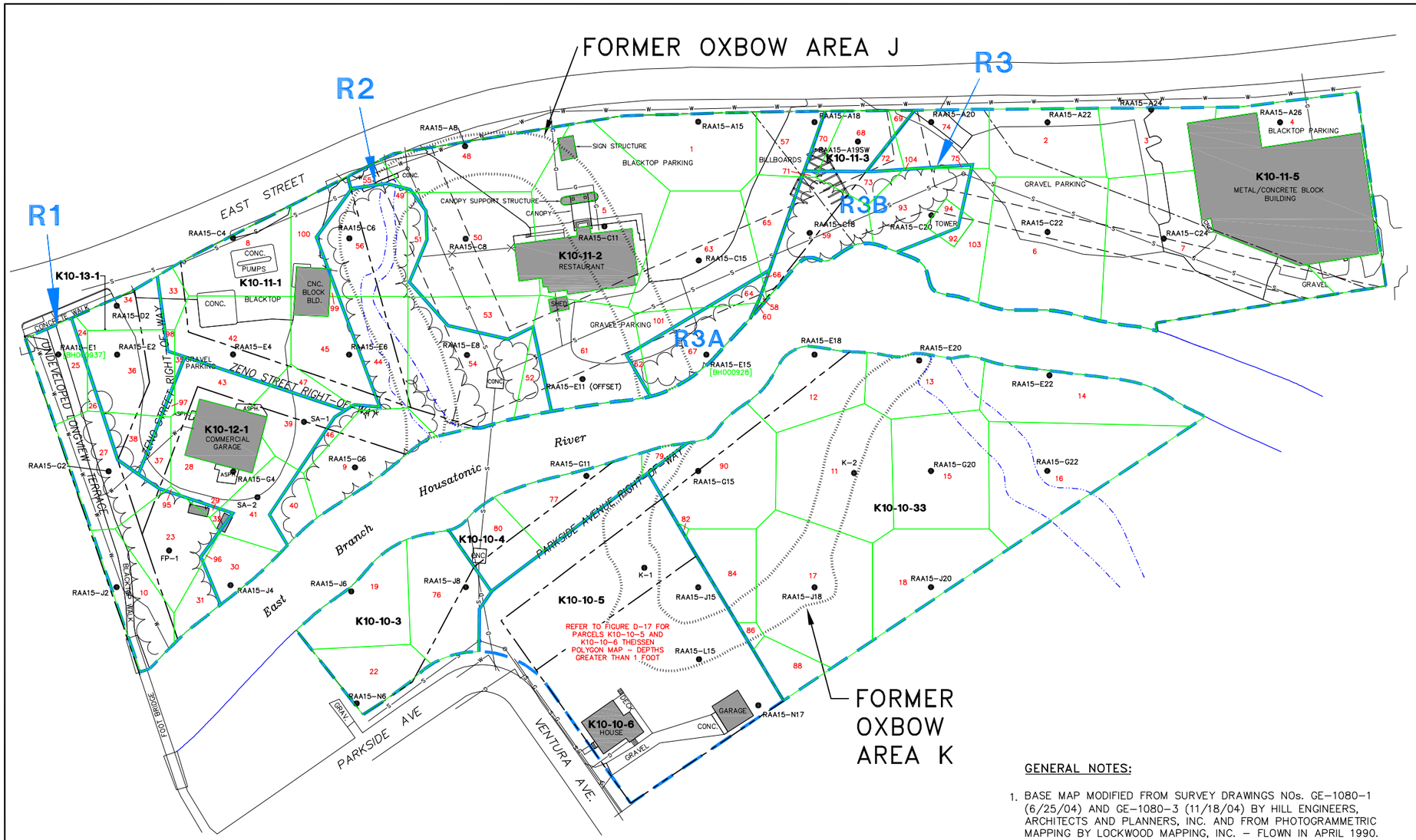
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 7- TO 8-FOOT DEPTH INCREMENT

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

FIGURE D-9

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G19.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- [BH000937] EPA SPLIT SAMPLE LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 503 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

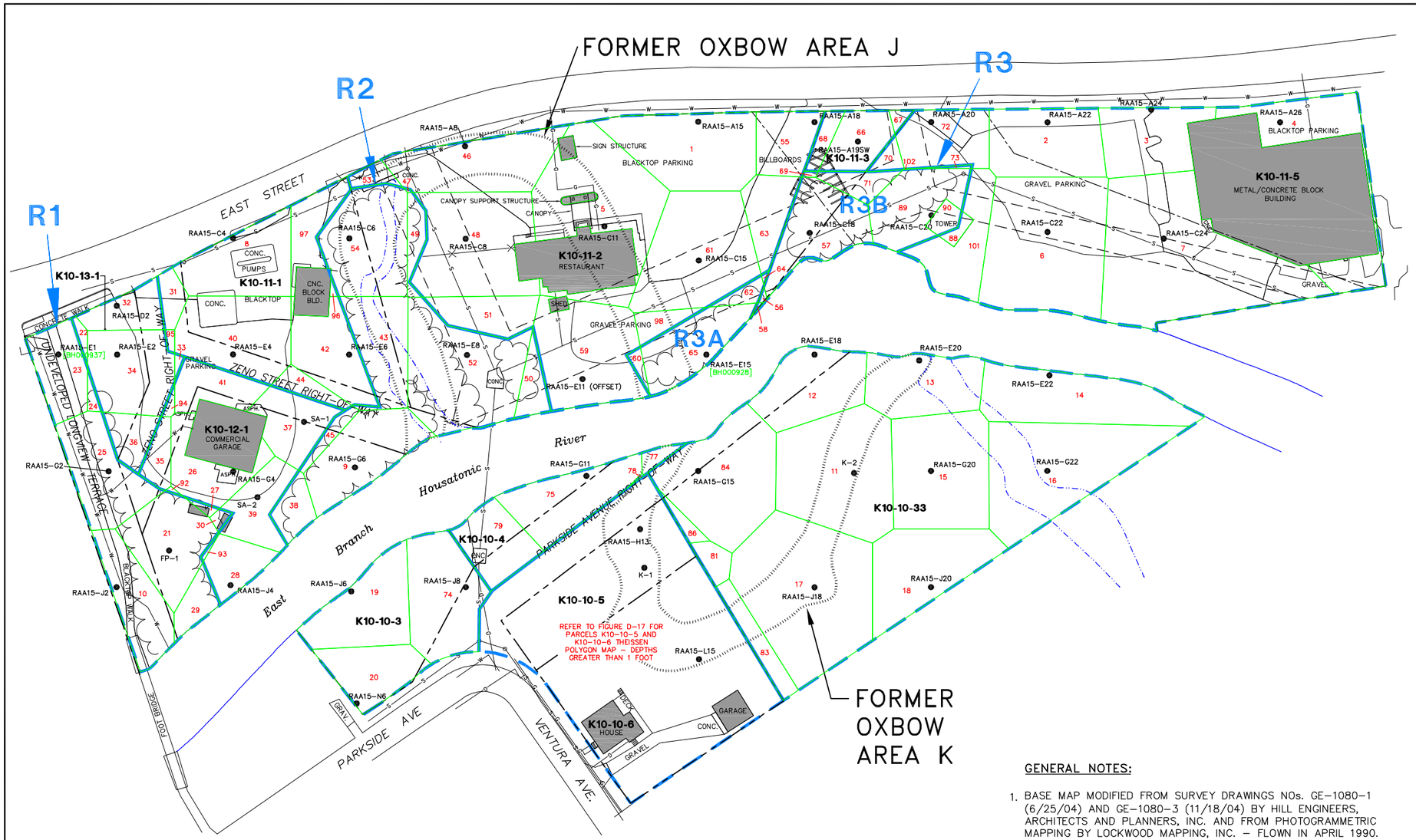
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 8- TO 9-FOOT DEPTH INCREMENT

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

FIGURE D-10

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G20.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- [BH000937] EPA SPLIT SAMPLE LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 38 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

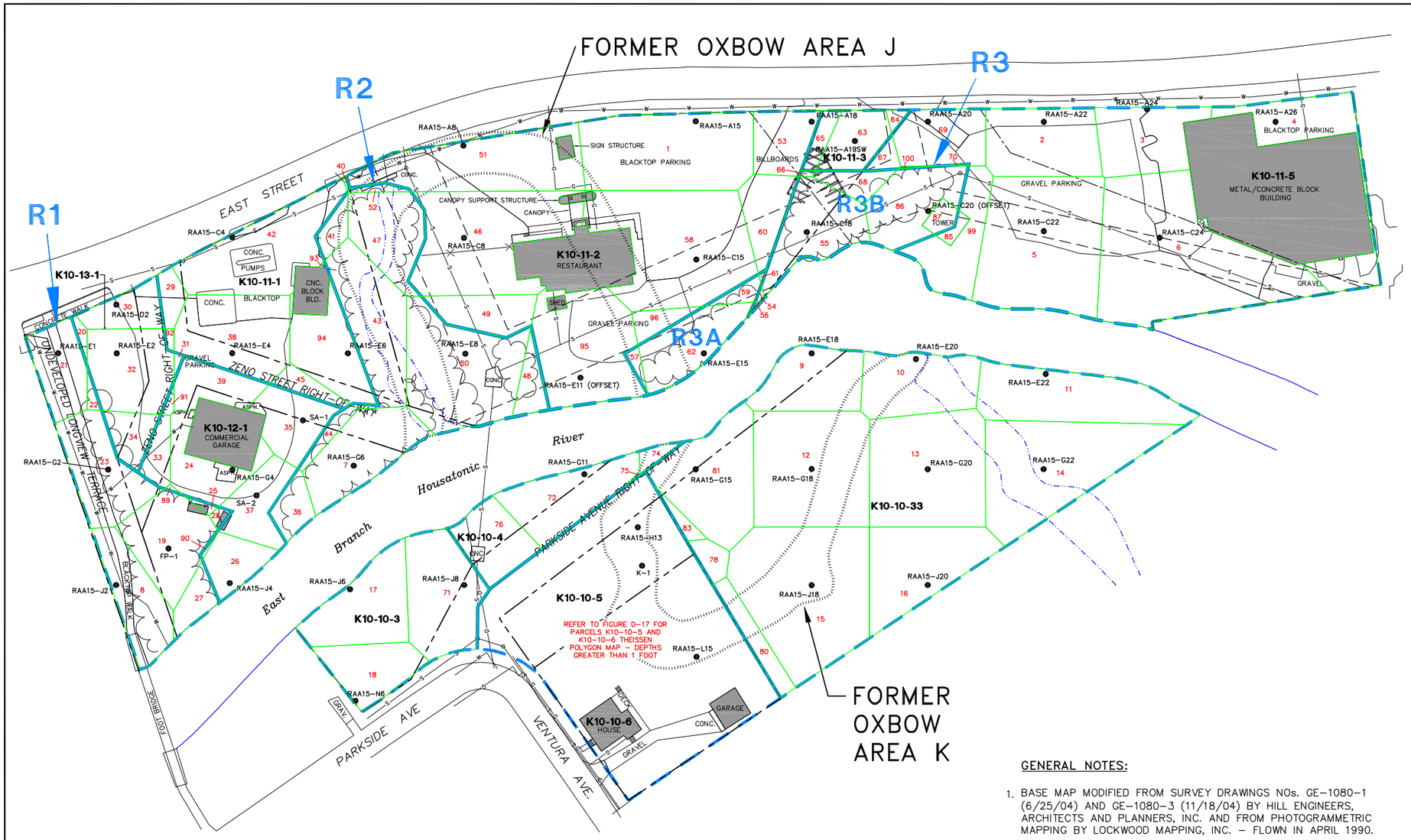
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 9- TO 10-FOOT DEPTH INCREMENT

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

FIGURE D-11

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G21.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 35 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

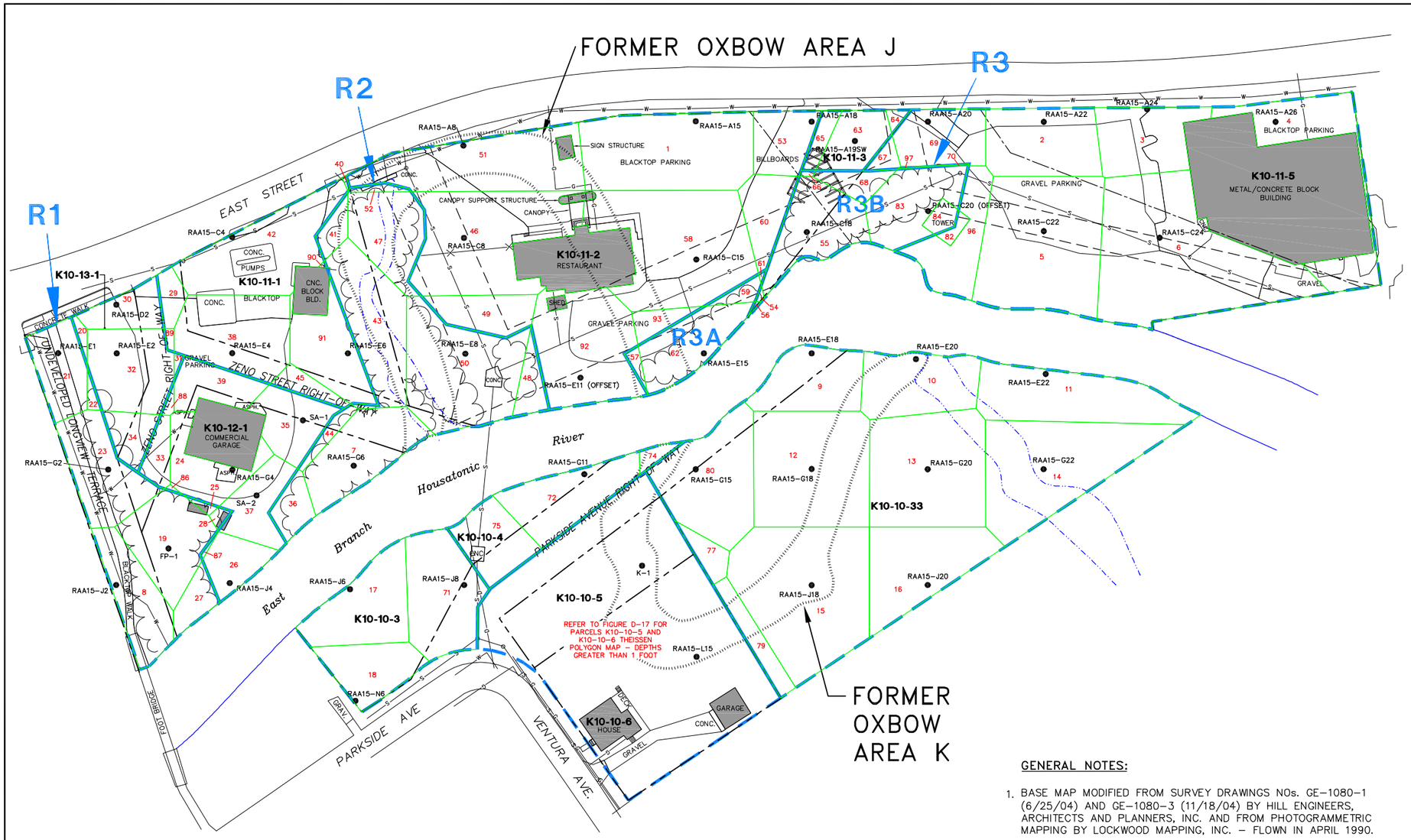
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
10- TO 11-FOOT DEPTH INCREMENT

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

FIGURE D-12

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-B5-DMW GMS DMW
N/20639003/20639G22.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 33 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

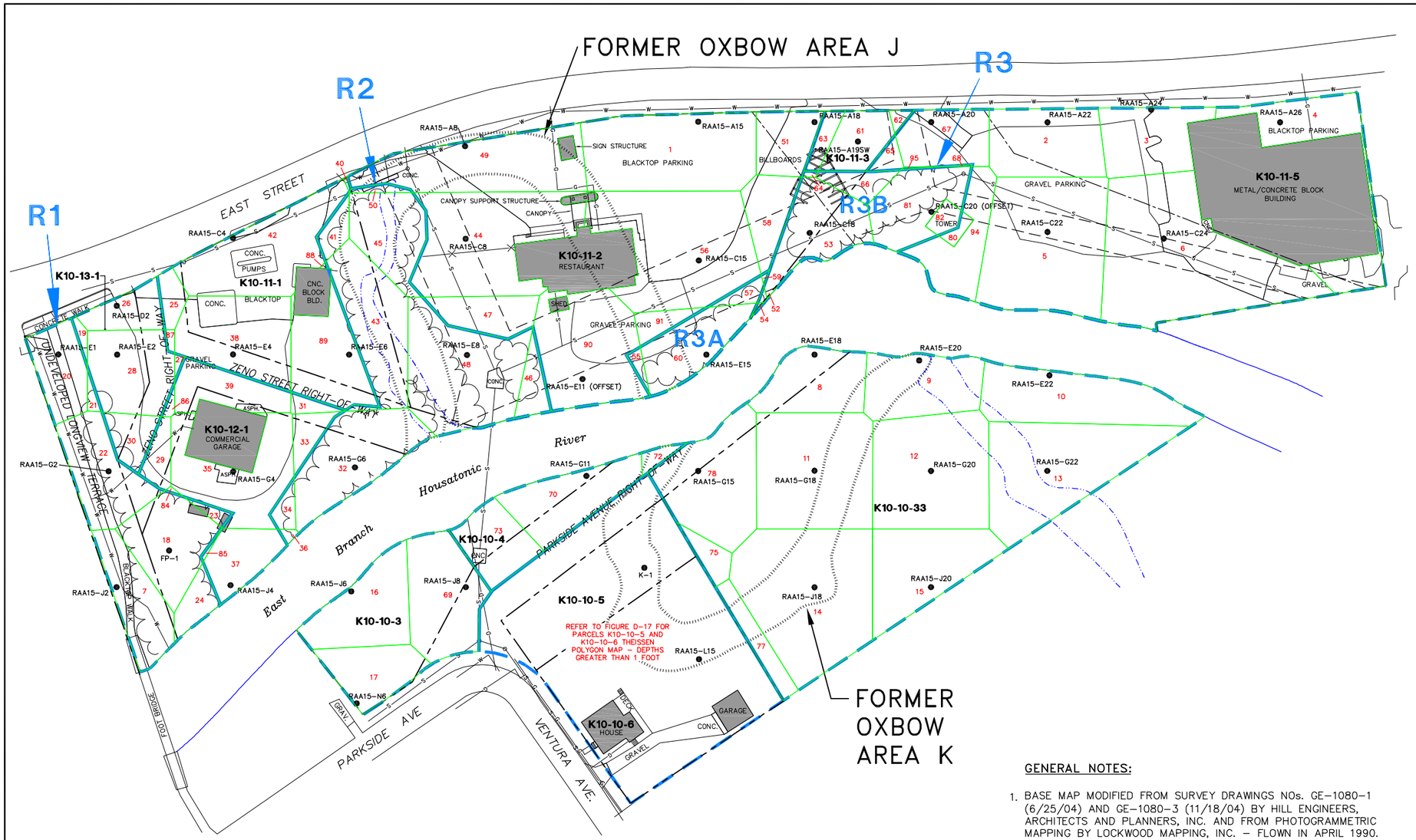
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
11- TO 12-FOOT DEPTH INCREMENT

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

FIGURE D-13

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-B5-DMW GMS DMW
N/20639003/20639G23.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- FP-1 SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 35 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

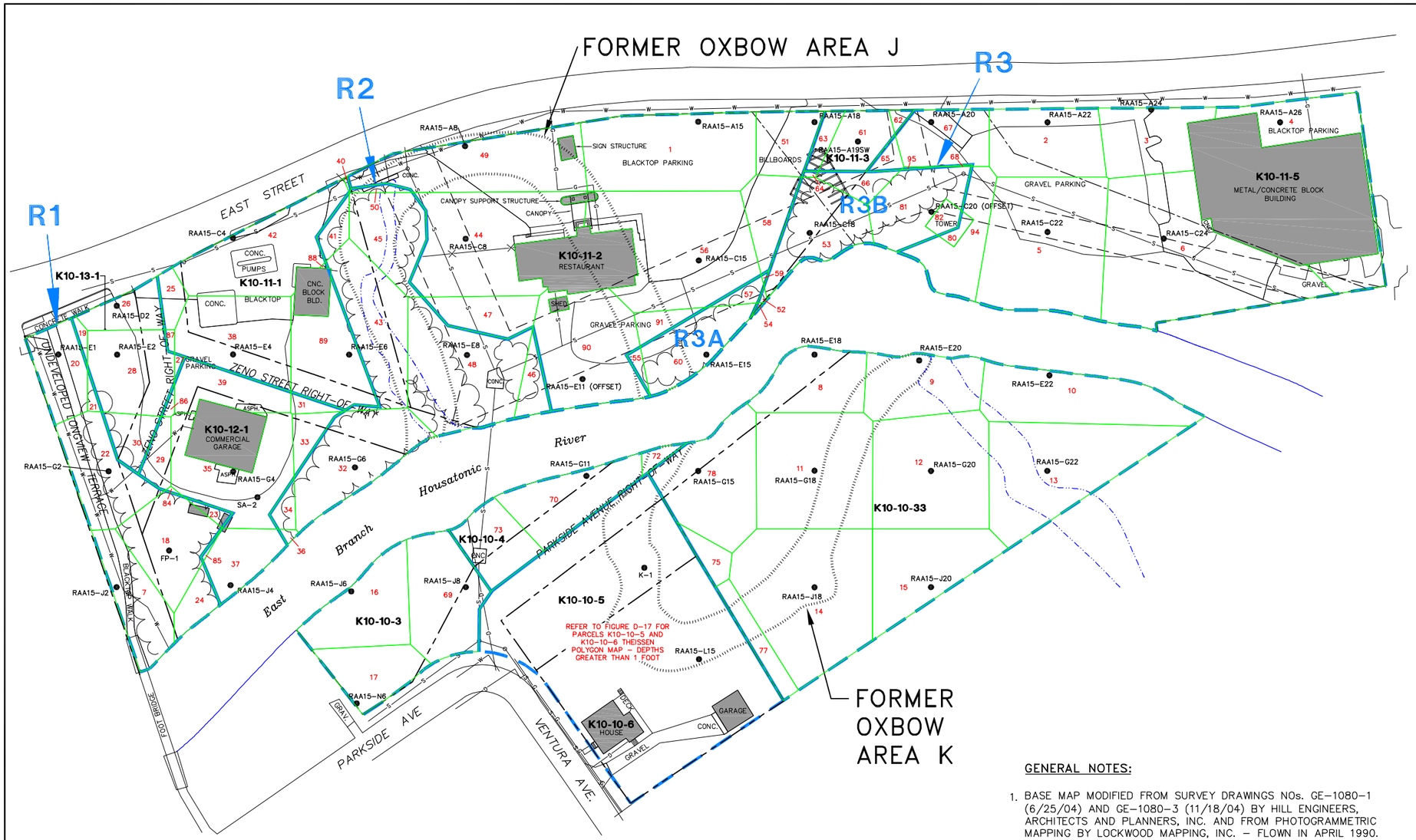
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 12- TO 13-FOOT DEPTH INCREMENT

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

FIGURE D-14

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G24.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G6 SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 35 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

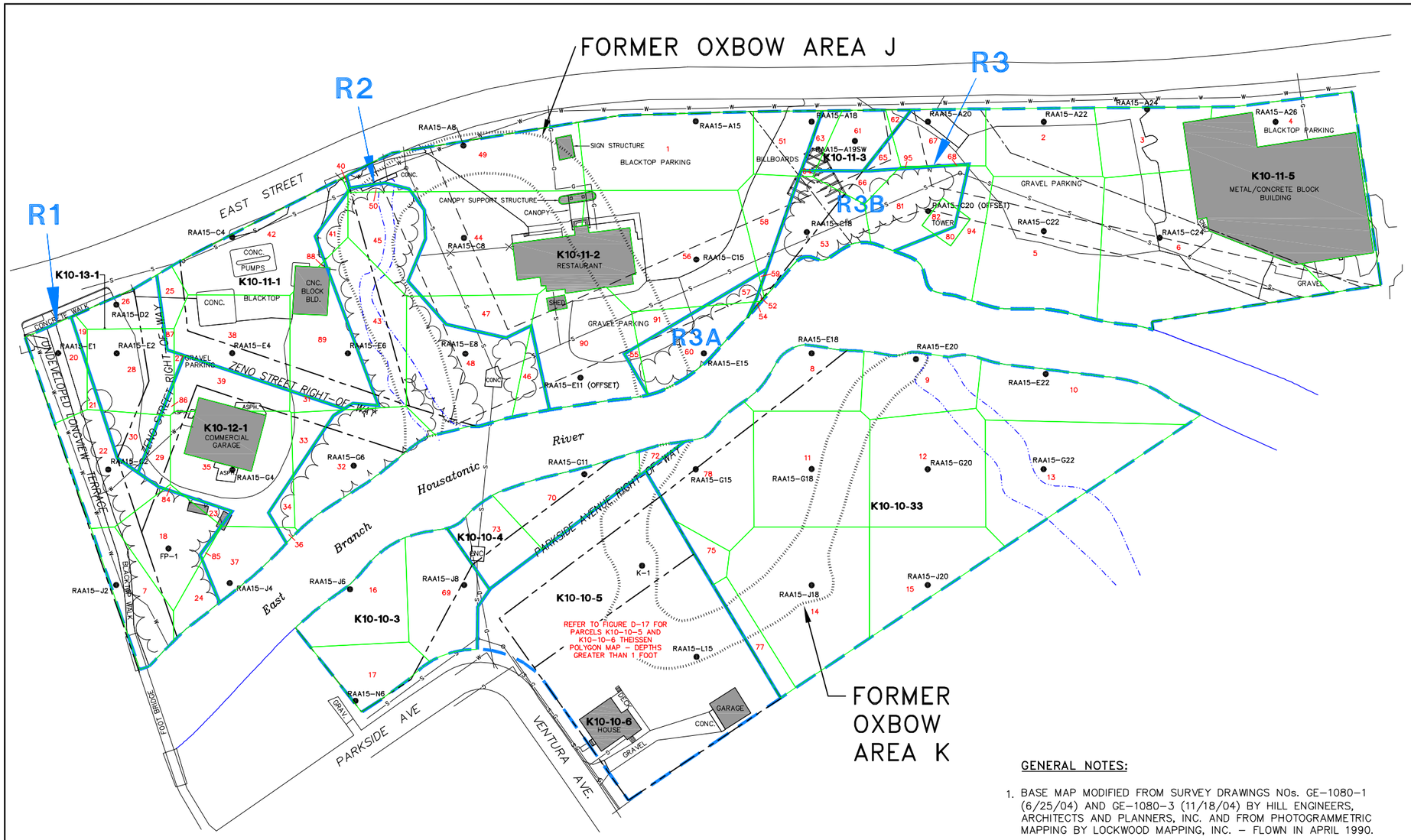
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP 13- TO 14-FOOT DEPTH INCREMENT

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

FIGURE D-15

X: 20633X01.DWG
L: ON=*, OFF=*REF, CENT, *|CONT-, |EASE-25, |SHD-ESMT, |PAVED-SH, |UNPAVED-SHD
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G25.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- FP-1 SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- APPROXIMATE SEWER LOCATION
- APPROXIMATE STORM DRAIN LOCATION
- APPROXIMATE WATER MAIN LOCATION
- APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 35 POLYGON ID

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

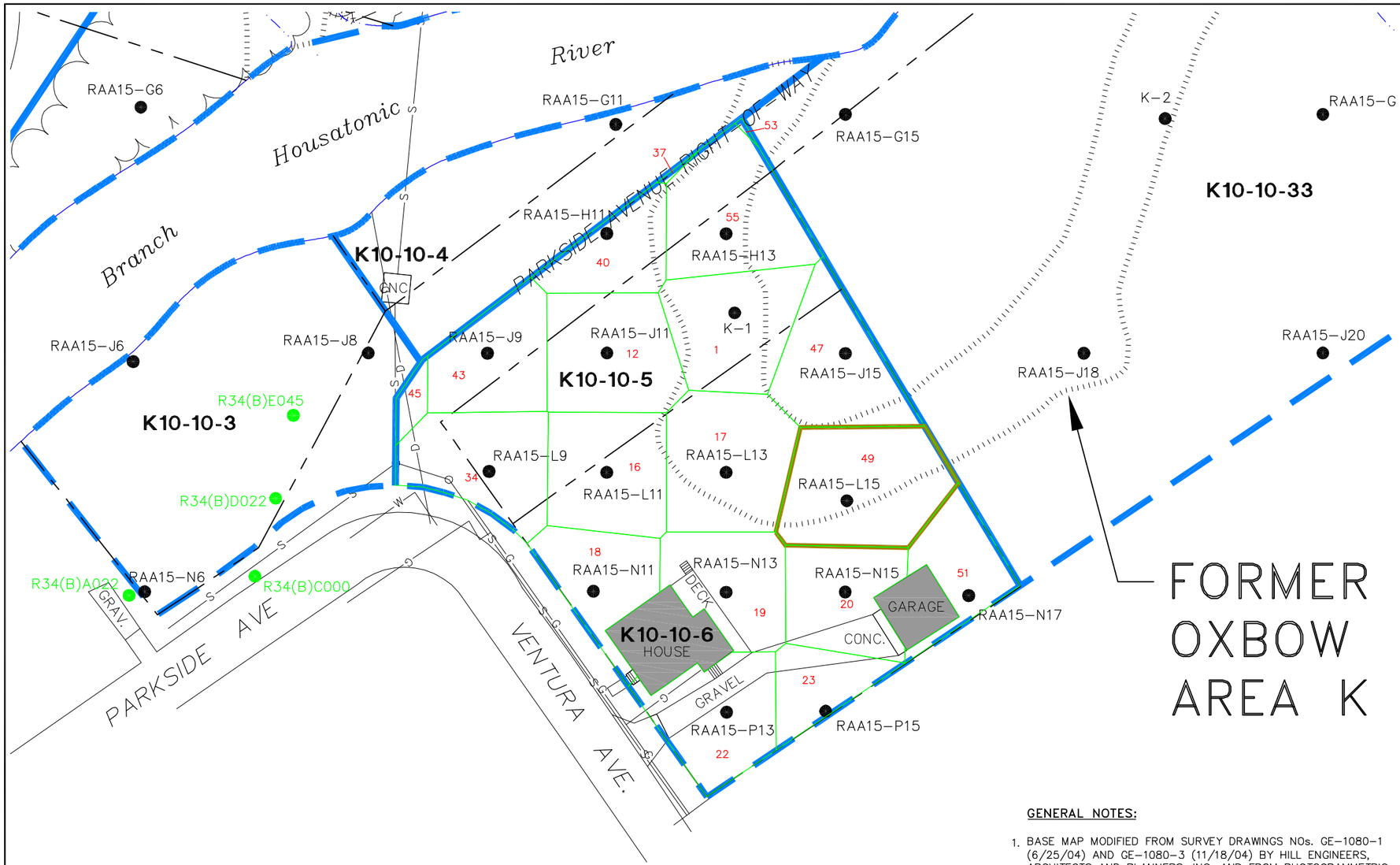
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

THEISSEN POLYGON MAP
14- TO 15-FOOT DEPTH INCREMENT

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

FIGURE D-16

X: 20633X01.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
3/9/05 SYR-54-DMW
N/20639003/20639G26.DWG



FORMER OXBOW AREA K

LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 — PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- RAA15-L13 — SOIL BORING LOCATION
- R34(B)C000 — EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- S — APPROXIMATE SEWER LOCATION
- D — D — APPROXIMATE STORM DRAIN LOCATION
- W — APPROXIMATE WATER MAIN LOCATION
- G — G — APPROXIMATE GAS LINE LOCATION
- HORIZONTAL LIMITS OF AREA ASSOCIATED WITH GIVEN SAMPLE, DEVELOPED USING THE THEISSEN POLYGON APPROACH.
- 20 — POLYGON ID
- AREA PROPOSED FOR PCB SOIL REMOVAL

0 50' 100'
GRAPHIC SCALE

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

PARCEL K10-10-5 AND K10-10-6 THEISSEN POLYGON MAP - DEPTHS GREATER THAN 1 FOOT

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

FIGURE **D-17**

X: 20633X01.DWG
L: ON=*, OFF=*REF, |CONT-*, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G28.DWG

Conceptual Removal Design/ Removal Action Work Plan for Former Oxbow Areas J and K

Volume III of IV

General Electric Company
Pittsfield, Massachusetts

March 2005

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Volume III of IV

Appendix

E Non-PCB Appendix IX+3 Evaluation Tables

Appendix E

Non-PCB Appendix IX+3 Evaluation Tables

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Table E-89 – Existing Conditions – Comparison to Method 1 Soil Standards – Averaging Area R3A – 0- to 15-Foot Depth Increment

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Parcel K10-13-1

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TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-3	J-2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample ID:	FP-3	ROJ2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample Depth(Feet):	4-8	0-0.3	0-0.3	0-1	1-3	3-4
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	03/10/03	03/10/03	03/10/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	ND(0.012)	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.012)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	0.0030 J	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,1-Dichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,1-Dichloroethene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,2,3-Trichloropropane	NA	ND(0.018)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,2-Dibromo-3-chloropropane	NA	ND(0.012)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,2-Dibromoethane	NA	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,2-Dichloroethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,2-Dichloroethene (total)	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
1,4-Dioxane	NA	NA	NA	ND(1.2) J	ND(1.9) J	ND(1.2) J
2-Butanone	NA	ND(0.012)	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
2-Chloro-1,3-butadiene	NA	NA	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
2-Chloroethylvinylether	ND(0.010)	ND(0.012)	NA	ND(0.012) J	ND(0.019) J	ND(0.012) J
2-Hexanone	NA	ND(0.018)	NA	ND(0.023) J	ND(0.038) J	ND(0.024) J
3-Chloropropene	NA	ND(0.018)	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
4-Methyl-2-pentanone	NA	ND(0.018)	NA	ND(0.023)	ND(0.038)	ND(0.022)
Acetone	NA	0.039	NA	ND(0.023) J	ND(0.038) J	ND(0.024) J
Acetonitrile	NA	NA	NA	ND(0.12)	ND(0.19)	ND(0.11)
Acrolein	ND(0.010)	ND(0.11)	NA	ND(0.12)	ND(0.19)	ND(0.11)
Acrylonitrile	ND(0.010)	ND(0.14)	NA	ND(0.12)	ND(0.19)	ND(0.11)
Benzene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Bromodichloromethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Bromoform	ND(0.0050)	ND(0.012)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Bromomethane	ND(0.010)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Carbon Disulfide	NA	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Carbon Tetrachloride	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Chlorobenzene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Chloroethane	ND(0.010)	ND(0.012)	NA	ND(0.012)	ND(0.019)	ND(0.011)
Chloroform	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Chloromethane	ND(0.010)	ND(0.012)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
cis-1,4-Dichloro-2-butene	NA	ND(0.018)	NA	NA	NA	NA
Crotonaldehyde	NA	ND(0.12)	NA	NA	NA	NA
Dibromochloromethane	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Dibromomethane	NA	ND(0.012)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Dichlorodifluoromethane	NA	NA	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Ethyl Methacrylate	NA	ND(0.012)	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
Ethylbenzene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Iodomethane	NA	ND(0.012)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Isobutanol	NA	NA	NA	ND(0.23) J	ND(0.38) J	ND(0.24) J
Methacrylonitrile	NA	NA	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
Methyl Methacrylate	NA	NA	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
Methylene Chloride	0.0050 J	0.074 B	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Propionitrile	NA	NA	NA	ND(0.012)	ND(0.019)	ND(0.011)
Styrene	NA	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Tetrachloroethene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Toluene	0.0030 J	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0050)	NA	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
trans-1,4-Dichloro-2-butene	NA	ND(0.018)	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
Trichloroethene	ND(0.0050)	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Trichlorofluoromethane	NA	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)
Vinyl Acetate	NA	ND(0.012)	NA	ND(0.0058) J	ND(0.0094) J	ND(0.0060) J
Vinyl Chloride	ND(0.010)	ND(0.012)	NA	ND(0.012)	ND(0.019)	ND(0.011)
Xylenes (total)	NA	ND(0.0060)	NA	ND(0.0058)	ND(0.0094)	ND(0.0054)

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-3	J-2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample ID:	FP-3	ROJ2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample Depth(Feet):	4-8	0-0.3	0-0.3	0-1	1-3	3-4
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	03/10/03	03/10/03	03/10/03
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NR	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NR	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NR	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NR	NA	ND(1.5)	1.9	NA
1,2,4-Trichlorobenzene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
1,2-Dichlorobenzene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
1,2-Diphenylhydrazine	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
1,3,5-Trichlorobenzene	NA	NR	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(0.77)	NA	ND(7.5)	ND(7.9)	NA
1,3-Dichlorobenzene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
1,3-Dinitrobenzene	NA	NA	NA	ND(1.5)	ND(1.6)	NA
1,4-Dichlorobenzene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
1,4-Dinitrobenzene	NA	NR	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NR	NA	ND(7.5)	ND(7.9)	NA
1-Chloronaphthalene	NA	NR	NA	NA	NA	NA
1-Methylnaphthalene	NA	NR	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.77)	NA	ND(1.5)	ND(1.6)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.77)	NA	ND(1.5)	ND(1.6)	NA
2,4,5-Trichlorophenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2,4,6-Trichlorophenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2,4-Dichlorophenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2,4-Dimethylphenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2,4-Dinitrophenol	NA	ND(1.5)	NA	ND(7.5)	ND(7.9)	NA
2,4-Dinitrotoluene	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
2,6-Dichlorophenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2,6-Dinitrotoluene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
2-Acetylaminofluorene	NA	ND(0.38)	NA	ND(3.1)	ND(3.3)	NA
2-Chloronaphthalene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
2-Chlorophenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2-Methylnaphthalene	NA	NR	NA	ND(1.5)	0.15 J	NA
2-Methylphenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2-Naphthylamine	NA	ND(0.77)	NA	ND(1.5)	ND(1.6)	NA
2-Nitroaniline	NA	NR	NA	ND(7.5)	ND(7.9)	NA
2-Nitrophenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
2-Phenylenediamine	NA	NR	NA	NA	NA	NA
2-Picoline	NA	NR	NA	ND(3.1)	ND(3.3)	NA
3&4-Methylphenol	NA	NR	NA	ND(3.1)	ND(3.3)	NA
3,3'-Dichlorobenzidine	ND(4.0)	ND(0.38)	NA	ND(7.5)	ND(7.9)	NA
3,3'-Dimethoxybenzidine	NA	ND(0.38)	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(0.77)	NA	ND(7.5)	ND(7.9)	NA
3-Methylcholanthrene	NA	ND(0.38)	NA	ND(7.5)	ND(7.9)	NA
3-Nitroaniline	NA	ND(0.77)	NA	ND(7.5)	ND(7.9)	NA
3-Phenylenediamine	NA	NR	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	ND(0.38)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.1)	NA	ND(7.5)	ND(7.9)	NA
4-Aminobiphenyl	NA	ND(0.38)	NA	ND(7.5)	ND(7.9)	NA
4-Bromophenyl-phenylether	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
4-Chloro-3-Methylphenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
4-Chloroaniline	NA	NR	NA	ND(1.5)	ND(1.6)	NA
4-Chlorobenzilate	NA	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
4-Chlorophenyl-phenylether	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
4-Nitroaniline	NA	ND(0.77)	NA	ND(7.5)	ND(7.9)	NA
4-Nitrophenol	NA	ND(0.38)	NA	ND(7.5)	ND(7.9)	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	ND(15)	ND(16)	NA
4-Phenylenediamine	NA	NR	NA	ND(31)	ND(33)	NA
5-Nitro-o-toluidine	NA	ND(0.77)	NA	ND(3.1)	ND(3.3)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.38)	NA	ND(3.1)	ND(3.3)	NA
a,a'-Dimethylphenethylamine	NA	NR	NA	ND(7.5)	ND(7.9)	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-3	J-2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample ID:	FP-3	ROJ2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample Depth(Feet):	4-8	0-0.3	0-0.3	0-1	1-3	3-4
Parameter Date Collected:	10/05/89	12/10/91	09/16/94	03/10/03	03/10/03	03/10/03
Semivolatile Organics (continued)						
Acenaphthene	1.3 J	0.052 J	NA	ND(1.5)	0.13 J	NA
Acenaphthylene	0.43 J	NR	NA	ND(1.5)	0.42 J	NA
Acetophenone	NA	NR	NA	ND(1.5)	ND(1.6)	NA
Aniline	NA	NR	NA	ND(1.5)	ND(1.6)	NA
Anthracene	3.6	0.14 J	NA	ND(1.5)	0.59 J	NA
Aramite	NA	NA	NA	ND(7.5)	ND(7.9)	NA
Benzal chloride	NA	NR	NA	NA	NA	NA
Benzidine	ND(10)	ND(0.38)	NA	ND(15)	ND(16)	NA
Benzo(a)anthracene	8.1	0.57	NA	0.28 J	1.7	NA
Benzo(a)pyrene	5.6	0.45	NA	0.21 J	1.9	NA
Benzo(b)fluoranthene	5.0	0.58 Z	NA	0.17 J	1.8	NA
Benzo(g,h,i)perylene	3.5	0.28 J	NA	ND(1.5)	1.1 J	NA
Benzo(k)fluoranthene	4.2	0.58 Z	NA	ND(1.5)	1.9	NA
Benzoic Acid	NA	NR	NA	NA	NA	NA
Benzotrichloride	NA	NR	NA	NA	NA	NA
Benzyl Alcohol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
Benzyl Chloride	NA	NR	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
bis(2-Chloroethyl)ether	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
bis(2-Chloroisopropyl)ether	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Butylbenzylphthalate	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Chrysene	5.8	0.70	NA	0.38 J	2.3	NA
Cyclophosphamide	NA	ND(1.9)	NA	NA	NA	NA
Diallate	NA	ND(0.38)	NA	ND(3.1)	ND(3.3)	NA
Dibenz(a,j)acridine	NA	ND(0.38)	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.73 J	0.097 J	NA	ND(1.5)	0.42 J	NA
Dibenzofuran	NA	ND(0.38)	NA	ND(1.5)	0.15 J	NA
Diethylphthalate	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Dimethylphthalate	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
Di-n-Butylphthalate	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Di-n-Octylphthalate	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Diphenylamine	NA	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Ethyl Methacrylate	NA	NR	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NR	NA	ND(1.5)	ND(1.6)	NA
Fluoranthene	15	1.0	NA	0.44 J	3.2	NA
Fluorene	1.5 J	0.058 J	NA	ND(1.5)	ND(1.6)	NA
Hexachlorobenzene	ND(2.0)	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
Hexachlorobutadiene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
Hexachlorocyclopentadiene	ND(2.0)	NR	NA	ND(7.5)	ND(7.9)	NA
Hexachloroethane	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
Hexachlorophene	NA	NA	NA	ND(31)	ND(33)	NA
Hexachloropropene	NA	NR	NA	ND(15)	ND(16)	NA
Indeno(1,2,3-cd)pyrene	3.0	0.32 J	NA	ND(1.5)	1.2 J	NA
Isodrin	NA	NA	NA	ND(1.5)	ND(1.6)	NA
Isophorone	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
Isosafrole	NA	NR	NA	ND(3.1)	ND(3.3)	NA
Methapyrilene	NA	ND(0.77)	NA	ND(7.5)	ND(7.9)	NA
Methyl Methanesulfonate	NA	NR	NA	ND(1.5)	ND(1.6)	NA
Naphthalene	1.2 J	NR	NA	ND(1.5)	0.23 J	NA
Nitrobenzene	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitrosodiethylamine	NA	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitrosodimethylamine	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitroso-di-n-butylamine	NA	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitroso-di-n-propylamine	ND(2.0)	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitrosodiphenylamine	0.25 J	ND(0.38)	NA	ND(1.5)	ND(1.6)	NA
N-Nitrosomethylethylamine	NA	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitrosomorpholine	NA	NR	NA	ND(1.5)	ND(1.6)	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-3	J-2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample ID:	FP-3	ROJ2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample Depth(Feet):	4-8	0-0.3	0-0.3	0-1	1-3	3-4
Parameter Date Collected:	10/05/89	12/10/91	09/16/94	03/10/03	03/10/03	03/10/03
Semivolatile Organics (continued)						
N-Nitrosopiperidine	NA	NR	NA	ND(1.5)	ND(1.6)	NA
N-Nitrosopyrrolidine	NA	NR	NA	ND(1.5)	ND(1.6)	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	ND(7.5)	ND(7.9)	NA
o-Toluidine	NA	NR	NA	ND(3.1)	ND(3.3)	NA
Paraldehyde	NA	NR	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.38)	NA	ND(3.1)	ND(3.3)	NA
Pentachlorobenzene	NA	ND(0.77)	NA	ND(1.5)	ND(1.6)	NA
Pentachloroethane	NA	NR	NA	ND(7.5)	ND(7.9)	NA
Pentachloronitrobenzene	NA	ND(0.38)	NA	ND(7.5)	ND(7.9)	NA
Pentachlorophenol	NA	ND(0.77)	NA	ND(7.5)	ND(7.9)	NA
Phenacetin	NA	ND(0.38)	NA	ND(3.1)	ND(3.3)	NA
Phenanthrene	17	0.77	NA	0.21 J	2.4	NA
Phenol	NA	NR	NA	ND(1.5)	ND(1.6)	NA
Pronamide	NA	ND(0.38)	NA	ND(3.1)	ND(3.3)	NA
Pyrene	13	0.81	NA	0.52 J	2.4	NA
Pyridine	NA	NR	NA	ND(3.1)	ND(3.3)	NA
Safrole	NA	NR	NA	ND(3.1)	ND(3.3)	NA
Thionazin	NA	ND(0.38)	NA	ND(7.5)	ND(7.9)	NA
Organophosphate Pesticides						
Dimethoate	NA	ND(0.38)	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	NA	NA	0.0000068	ND(0.0000089) X	0.00014	NA
TCDFs (total)	NA	NA	0.000059 I	ND(0.000099) X	ND(0.0016) X	NA
1,2,3,7,8-PeCDF	NA	NA	0.0000023 J	0.0000056 J	0.000069	NA
2,3,4,7,8-PeCDF	NA	NA	0.0000098	0.0000070	0.000085	NA
PeCDFs (total)	NA	NA	0.00013 I	ND(0.00014) X	ND(0.00084) X	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.0000046	0.000013	0.000064	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.0000066	ND(0.000013) X	0.000054 J	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.0000011 J	ND(0.00000041) X	ND(0.0000036) X	NA
2,3,4,6,7,8-HxCDF	NA	NA	0.0000094	0.0000044 J	0.000045 J	NA
HxCDFs (total)	NA	NA	0.00013 I	ND(0.000099) XQJ	ND(0.00048) X	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000026 I	0.000014	0.00013	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000021 J	0.0000033 J	0.000019 J	NA
HpCDFs (total)	NA	NA	0.000061 I	ND(0.000032) X	0.00019	NA
OCDF	NA	NA	0.000033	0.000013	0.000057 J	NA
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.00000046)	ND(0.00000028)	ND(0.0000030) X	NA
TCDDs (total)	NA	NA	0.00000082	ND(0.00000094) X	ND(0.000049) X	NA
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000083) Q	ND(0.0000017) X	ND(0.0000037) X	NA
PeCDDs (total)	NA	NA	ND(0.0000012) Q	ND(0.0000058) X	ND(0.000059) X	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.0000011 J	ND(0.00000040) X	0.0000047 J	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.0000029	ND(0.00000082) X	0.0000055 J	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.0000019 J	ND(0.00000033) XQJ	ND(0.000011) X	NA
HxCDDs (total)	NA	NA	0.000024	ND(0.000011) XQJ	ND(0.000081) X	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000050	0.000011	0.000043 J	NA
HpCDDs (total)	NA	NA	0.00010	0.000022	0.000082 J	NA
OCDD	NA	NA	0.00039	0.000075	0.000084 J	NA
Total TEQs (WHO TEFs)	NA	NA	0.0000099	0.0000080	0.000083	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-3	J-2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample ID:	FP-3	ROJ2S	OX-J-SS1	RAA15-E2	RAA15-E2	RAA15-E2
Sample Depth(Feet):	4-8	0-0.3	0-0.3	0-1	1-3	3-4
Parameter Date Collected:	10/05/89	12/10/91	09/16/94	03/10/03	03/10/03	03/10/03
Inorganics						
Aluminum	NA	5670 *	NA	NA	NA	NA
Antimony	NA	10.5 BN	NA	5.00 B	969	NA
Arsenic	NA	21.9 A	NA	3.40	19.1	NA
Barium	NA	41.5 B	NA	102 J	1810	NA
Beryllium	NA	ND(0.240)	NA	0.230 B	0.300 B	NA
Cadmium	NA	ND(1.20)	NA	0.130 B	5.00	NA
Calcium	NA	9570 E	NA	NA	NA	NA
Chromium	NA	41.0	NA	6.90	39.7	NA
Cobalt	NA	9.40 B	NA	6.50	10.2	NA
Copper	NA	95.6 N	NA	301 J	8860 J	NA
Cyanide	NA	120	ND(0.600)	ND(0.580)	0.400 B	NA
Iron	NA	68700 *	NA	NA	NA	NA
Lead	NA	121 *	NA	367 J	14000 J	NA
Magnesium	NA	7150	NA	NA	NA	NA
Manganese	NA	854 N*	NA	NA	NA	NA
Mercury	NA	0.600	NA	1.80 J	10.4	NA
Nickel	NA	43.8	NA	10.7	38.7	NA
Potassium	NA	393 B	NA	NA	NA	NA
Selenium	NA	ND(0.920) W	NA	ND(0.580)	1.20 B	NA
Silver	NA	ND(1.40) N	NA	0.130 B	5.50	NA
Sodium	NA	120 B	NA	NA	NA	NA
Sulfide	NA	65.0	NA	ND(11.7)	ND(12.4)	NA
Thallium	NA	ND(0.690) W	NA	ND(1.20)	ND(6.20)	NA
Tin	NA	NA	NA	34.5 J	3300 J	NA
Vanadium	NA	14.1	NA	7.20	22.9	NA
Zinc	NA	164	NA	66.8	3230	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample Depth(Feet):	3-6	10-12	10-15	1-3	1-3	1-3
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	05/05/04	05/05/04	05/05/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0060)	NA	NA	NA	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0060)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0060)	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0060)	NA	NA	NA	NA
1,1-Dichloroethane	NA	ND(0.0060)	NA	NA	NA	NA
1,1-Dichloroethene	NA	ND(0.0060)	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dibromoethane	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloroethane	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.0060)	NA	NA	NA	NA
1,4-Dioxane	NA	ND(1.1) J	NA	NA	NA	NA
2-Butanone	NA	ND(0.0054) J	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	ND(0.0060)	NA	NA	NA	NA
2-Chloroethylvinylether	NA	ND(0.011) J	NA	NA	NA	NA
2-Hexanone	NA	ND(0.022) J	NA	NA	NA	NA
3-Chloropropene	NA	ND(0.0054) J	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	ND(0.024)	NA	NA	NA	NA
Acetone	NA	ND(0.022) J	NA	NA	NA	NA
Acetonitrile	NA	ND(0.12)	NA	NA	NA	NA
Acrolein	NA	ND(0.12)	NA	NA	NA	NA
Acrylonitrile	NA	ND(0.12)	NA	NA	NA	NA
Benzene	NA	ND(0.0060)	NA	NA	NA	NA
Bromodichloromethane	NA	ND(0.0060)	NA	NA	NA	NA
Bromoform	NA	ND(0.0060)	NA	NA	NA	NA
Bromomethane	NA	ND(0.0060)	NA	NA	NA	NA
Carbon Disulfide	NA	ND(0.0060)	NA	NA	NA	NA
Carbon Tetrachloride	NA	ND(0.0060)	NA	NA	NA	NA
Chlorobenzene	NA	ND(0.0060)	NA	NA	NA	NA
Chloroethane	NA	ND(0.012)	NA	NA	NA	NA
Chloroform	NA	ND(0.0060)	NA	NA	NA	NA
Chloromethane	NA	ND(0.0060)	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.0060)	NA	NA	NA	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	ND(0.0060)	NA	NA	NA	NA
Dibromomethane	NA	ND(0.0060)	NA	NA	NA	NA
Dichlorodifluoromethane	NA	ND(0.0060)	NA	NA	NA	NA
Ethyl Methacrylate	NA	ND(0.0054) J	NA	NA	NA	NA
Ethylbenzene	NA	ND(0.0060)	NA	NA	NA	NA
Iodomethane	NA	ND(0.0060)	NA	NA	NA	NA
Isobutanol	NA	ND(0.22) J	NA	NA	NA	NA
Methacrylonitrile	NA	ND(0.0054) J	NA	NA	NA	NA
Methyl Methacrylate	NA	ND(0.0054) J	NA	NA	NA	NA
Methylene Chloride	NA	ND(0.0060)	NA	NA	NA	NA
Propionitrile	NA	ND(0.012)	NA	NA	NA	NA
Styrene	NA	ND(0.0060)	NA	NA	NA	NA
Tetrachloroethene	NA	ND(0.0060)	NA	NA	NA	NA
Toluene	NA	ND(0.0060)	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	ND(0.0060)	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	ND(0.0060)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0054) J	NA	NA	NA	NA
Trichloroethene	NA	ND(0.0060)	NA	NA	NA	NA
Trichlorofluoromethane	NA	ND(0.0060)	NA	NA	NA	NA
Vinyl Acetate	NA	ND(0.0054) J	NA	NA	NA	NA
Vinyl Chloride	NA	ND(0.012)	NA	NA	NA	NA
Xylenes (total)	NA	ND(0.0060)	NA	NA	NA	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample Depth(Feet):	3-6	10-12	10-15	1-3	1-3	1-3
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	05/05/04	05/05/04	05/05/04
Semivolatile Organics						
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,2,4-Trichlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,2-Dichlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,2-Diphenylhydrazine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(1.8)	NA	ND(1.8)	NA	NA	NA
1,3-Dichlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,3-Dinitrobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,4-Dichlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(1.8)	NA	ND(1.8)	NA	NA	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,4,5-Trichlorophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,4,6-Trichlorophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,4-Dichlorophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,4-Dimethylphenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,4-Dinitrophenol	ND(1.8)	NA	ND(1.8)	NA	NA	NA
2,4-Dinitrotoluene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,6-Dichlorophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2,6-Dinitrotoluene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2-Acetylaminofluorene	ND(0.76)	NA	ND(0.73)	NA	NA	NA
2-Chloronaphthalene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2-Chlorophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2-Methylnaphthalene	0.080 J	NA	ND(0.36)	NA	NA	NA
2-Methylphenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2-Naphthylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2-Nitroaniline	ND(1.8)	NA	ND(1.8)	NA	NA	NA
2-Nitrophenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
2-Phenylenediamine	NA	NA	NA	NA	NA	NA
2-Picoline	ND(0.76)	NA	ND(0.73)	NA	NA	NA
3&4-Methylphenol	ND(0.76)	NA	ND(0.73)	NA	NA	NA
3,3'-Dichlorobenzidine	ND(1.8)	NA	ND(1.8)	NA	NA	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(1.8)	NA	ND(1.8)	NA	NA	NA
3-Methylcholanthrene	ND(1.8)	NA	ND(1.8)	NA	NA	NA
3-Nitroaniline	ND(1.8)	NA	ND(1.8)	NA	NA	NA
3-Phenylenediamine	NA	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(1.8)	NA	ND(1.8)	NA	NA	NA
4-Aminobiphenyl	ND(1.8)	NA	ND(1.8)	NA	NA	NA
4-Bromophenyl-phenylether	ND(0.38)	NA	ND(0.36)	NA	NA	NA
4-Chloro-3-Methylphenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
4-Chloroaniline	ND(0.38)	NA	ND(0.36)	NA	NA	NA
4-Chlorobenzilate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
4-Chlorophenyl-phenylether	ND(0.38)	NA	ND(0.36)	NA	NA	NA
4-Nitroaniline	ND(1.8)	NA	ND(1.8)	NA	NA	NA
4-Nitrophenol	ND(1.8)	NA	ND(1.8)	NA	NA	NA
4-Nitroquinoline-1-oxide	ND(3.8)	NA	ND(3.6)	NA	NA	NA
4-Phenylenediamine	ND(7.6)	NA	ND(7.3)	NA	NA	NA
5-Nitro-o-toluidine	ND(0.76)	NA	ND(0.73)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.76)	NA	ND(0.73)	NA	NA	NA
a,a'-Dimethylphenethylamine	ND(1.8)	NA	ND(1.8)	NA	NA	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample Depth(Feet):	3-6	10-12	10-15	1-3	1-3	1-3
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	05/05/04	05/05/04	05/05/04
Semivolatile Organics (continued)						
Acenaphthene	0.13 J	NA	ND(0.36)	NA	NA	NA
Acenaphthylene	0.13 J	NA	ND(0.36)	NA	NA	NA
Acetophenone	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Aniline	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Anthracene	0.46	NA	ND(0.36)	NA	NA	NA
Aramite	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Benzal chloride	NA	NA	NA	NA	NA	NA
Benzidine	ND(3.8)	NA	ND(3.6)	NA	NA	NA
Benzo(a)anthracene	0.91	NA	ND(0.36)	NA	NA	NA
Benzo(a)pyrene	0.95	NA	ND(0.36)	NA	NA	NA
Benzo(b)fluoranthene	1.1	NA	ND(0.36)	NA	NA	NA
Benzo(g,h,i)perylene	0.35 J	NA	ND(0.36)	NA	NA	NA
Benzo(k)fluoranthene	0.68	NA	ND(0.36)	NA	NA	NA
Benzoic Acid	NA	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Benzyl Chloride	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.38)	NA	ND(0.36)	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.38)	NA	ND(0.36)	NA	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.38)	NA	ND(0.36)	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Butylbenzylphthalate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Chrysene	1.0	NA	ND(0.36)	NA	NA	NA
Cyclophosphamide	NA	NA	NA	NA	NA	NA
Diallate	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.13 J	NA	ND(0.36)	NA	NA	NA
Dibenzofuran	0.14 J	NA	ND(0.36)	NA	NA	NA
Diethylphthalate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Dimethylphthalate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Di-n-Butylphthalate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Di-n-Octylphthalate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Diphenylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Fluoranthene	2.2	NA	ND(0.36)	NA	NA	NA
Fluorene	0.14 J	NA	ND(0.36)	NA	NA	NA
Hexachlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Hexachlorobutadiene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Hexachlorocyclopentadiene	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Hexachloroethane	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Hexachlorophene	ND(7.7)	NA	ND(7.4)	NA	NA	NA
Hexachloropropene	ND(3.8)	NA	ND(3.6)	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.40	NA	ND(0.36)	NA	NA	NA
Isodrin	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Isophorone	0.15 J	NA	ND(0.36)	NA	NA	NA
Isosafrole	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Methapyrilene	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Methyl Methanesulfonate	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Naphthalene	0.15 J	NA	ND(0.36)	NA	NA	NA
Nitrobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitrosodiethylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitrosodimethylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitroso-di-n-butylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitroso-di-n-propylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitrosodiphenylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitrosomethylethylamine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitrosomorpholine	ND(0.38)	NA	ND(0.36)	NA	NA	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample ID:	RAA15-E2	RAA15-E2	RAA15-E2	RAA15-E2NE	RAA15-E2NW	RAA15-E2SE
Sample Depth(Feet):	3-6	10-12	10-15	1-3	1-3	1-3
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	05/05/04	05/05/04	05/05/04
Semivolatile Organics (continued)						
N-Nitrosopiperidine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
N-Nitrosopyrrolidine	ND(0.38)	NA	ND(0.36)	NA	NA	NA
o,o,o-Triethylphosphorothioate	ND(1.8)	NA	ND(1.8)	NA	NA	NA
o-Toluidine	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Paraldehyde	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Pentachlorobenzene	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Pentachloroethane	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Pentachloronitrobenzene	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Pentachlorophenol	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Phenacetin	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Phenanthrene	1.8	NA	ND(0.36)	NA	NA	NA
Phenol	ND(0.38)	NA	ND(0.36)	NA	NA	NA
Pronamide	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Pyrene	1.4	NA	ND(0.36)	NA	NA	NA
Pyridine	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Safrole	ND(0.76)	NA	ND(0.73)	NA	NA	NA
Thionazin	ND(1.8)	NA	ND(1.8)	NA	NA	NA
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000017	NA	ND(0.00000030)	NA	NA	NA
TCDFs (total)	ND(0.00046) X	NA	ND(0.00000030)	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.000011) X	NA	ND(0.00000020)	NA	NA	NA
2,3,4,7,8-PeCDF	0.000023	NA	ND(0.00000019)	NA	NA	NA
PeCDFs (total)	ND(0.00028) X	NA	ND(0.00000019)	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000017) X	NA	0.00000032 J	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000099) X	NA	ND(0.00000012)	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000067) X	NA	ND(0.00000016)	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000014) X	NA	ND(0.00000014)	NA	NA	NA
HxCDFs (total)	ND(0.00012) X	NA	0.00000032 J	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000033	NA	ND(0.00000029)	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000020) X	NA	ND(0.00000036)	NA	NA	NA
HpCDFs (total)	ND(0.000044) X	NA	ND(0.00000032)	NA	NA	NA
OCDF	0.0000086 J	NA	ND(0.00000072)	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000075) X	NA	ND(0.00000040)	NA	NA	NA
TCDDs (total)	ND(0.000025) X	NA	ND(0.00000040)	NA	NA	NA
1,2,3,7,8-PeCDD	0.0000018 J	NA	ND(0.00000024)	NA	NA	NA
PeCDDs (total)	ND(0.000030) X	NA	ND(0.00000024)	NA	NA	NA
1,2,3,4,7,8-HxCDD	0.0000018 J	NA	ND(0.00000029)	NA	NA	NA
1,2,3,6,7,8-HxCDD	0.0000020 J	NA	ND(0.00000028)	NA	NA	NA
1,2,3,7,8,9-HxCDD	0.0000041 J	NA	ND(0.00000028)	NA	NA	NA
HxCDDs (total)	ND(0.000033) X	NA	ND(0.00000028)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000076 QJ	NA	ND(0.00000057)	NA	NA	NA
HpCDDs (total)	0.000018 QJ	NA	ND(0.00000057)	NA	NA	NA
OCDD	0.000017 J	NA	ND(0.00000030) J	NA	NA	NA
Total TEQs (WHO TEFs)	0.000019	NA	0.00000049	NA	NA	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	RAA15-E2 / RAA15-E2 / 3-6 / 03/10/03	RAA15-E2 / RAA15-E2 / 10-12 / 03/10/03	RAA15-E2 / RAA15-E2 / 10-15 / 03/10/03	RAA15-E2NE / RAA15-E2NE / 1-3 / 05/05/04	RAA15-E2NW / RAA15-E2NW / 1-3 / 05/05/04	RAA15-E2SE / RAA15-E2SE / 1-3 / 05/05/04
Inorganics						
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	115	NA	0.480 B	610	400	820
Arsenic	6.50	NA	4.00	NA	NA	NA
Barium	648 J	NA	33.8 J	NA	NA	NA
Beryllium	0.380 B	NA	0.400 B	NA	NA	NA
Cadmium	5.40	NA	ND(0.550)	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA
Chromium	17.1	NA	7.80	NA	NA	NA
Cobalt	8.50	NA	7.90	NA	NA	NA
Copper	2410	NA	16.5 J	NA	NA	NA
Cyanide	0.320 B	NA	ND(0.550)	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA
Lead	9560	NA	9.60 J	850	6500	11000
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	6.4	NA	0.450 J	NA	NA	NA
Nickel	17.0	NA	13.6	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA
Selenium	ND(0.570)	NA	ND(0.550)	NA	NA	NA
Silver	2.30	NA	ND(1.10)	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA
Sulfide	ND(11.5)	NA	ND(11.0)	NA	NA	NA
Thallium	ND(5.70)	NA	ND(1.10)	NA	NA	NA
Tin	2750 J	NA	ND(3.90)	NA	NA	NA
Vanadium	11.0	NA	8.80	NA	NA	NA
Zinc	2790	NA	49.9	NA	NA	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	0-1	1-3	6-10	8-10
Parameter / Date Collected:	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1,2,2-Tetrachloroethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1-Dichloroethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,1-Dichloroethene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2,3-Trichloropropane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dibromo-3-chloropropane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dibromoethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dichloroethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
1,4-Dioxane	NA	ND(1.8) J	ND(0.93) J	NA	ND(0.94) J
2-Butanone	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
2-Chloro-1,3-butadiene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
2-Chloroethylvinylether	NA	ND(0.018) J	ND(0.0093) J	NA	ND(0.0094) J
2-Hexanone	NA	ND(0.035) J	ND(0.019) J	NA	ND(0.019) J
3-Chloropropene	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
4-Methyl-2-pentanone	NA	ND(0.035)	ND(0.019)	NA	ND(0.019)
Acetone	NA	ND(0.035) J	ND(0.019) J	NA	ND(0.019) J
Acetonitrile	NA	ND(0.18)	ND(0.093)	NA	ND(0.094)
Acrolein	NA	ND(0.18)	ND(0.093)	NA	ND(0.094)
Acrylonitrile	NA	ND(0.18)	ND(0.093)	NA	ND(0.094)
Benzene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Bromodichloromethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Bromoform	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Bromomethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Carbon Disulfide	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Carbon Tetrachloride	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Chlorobenzene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Chloroethane	NA	ND(0.018)	ND(0.0093)	NA	ND(0.0094)
Chloroform	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Chloromethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
cis-1,3-Dichloropropene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Dibromomethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Dichlorodifluoromethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Ethyl Methacrylate	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Ethylbenzene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Iodomethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Isobutanol	NA	ND(0.35) J	ND(0.19) J	NA	ND(0.19) J
Methacrylonitrile	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Methyl Methacrylate	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Methylene Chloride	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Propionitrile	NA	ND(0.018)	ND(0.0093)	NA	ND(0.0094)
Styrene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Tetrachloroethene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Toluene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
trans-1,2-Dichloroethene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
trans-1,3-Dichloropropene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
trans-1,4-Dichloro-2-butene	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Trichloroethene	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Trichlorofluoromethane	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)
Vinyl Acetate	NA	ND(0.0088) J	ND(0.0047) J	NA	ND(0.0047) J
Vinyl Chloride	NA	ND(0.018)	ND(0.0093)	NA	ND(0.0094)
Xylenes (total)	NA	ND(0.0088)	ND(0.0047)	NA	ND(0.0047)

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	0-1	1-3	6-10	8-10
Parameter / Date Collected:	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,2,4-Trichlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,2-Dichlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,2-Diphenylhydrazine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
1,3-Dichlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,3-Dinitrobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,4-Dichlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4,5-Trichlorophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4,6-Trichlorophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4-Dichlorophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4-Dimethylphenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,4-Dinitrophenol	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
2,4-Dinitrotoluene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,6-Dichlorophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2,6-Dinitrotoluene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Acetylaminofluorene	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
2-Chloronaphthalene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Chlorophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Methylnaphthalene	NA	0.034 J	ND(0.35)	ND(0.36)	NA
2-Methylphenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Naphthylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Nitroaniline	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
2-Nitrophenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
3&4-Methylphenol	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
3,3'-Dichlorobenzidine	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3-Methylcholanthrene	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3-Nitroaniline	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Aminobiphenyl	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Bromophenyl-phenylether	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chloro-3-Methylphenol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chloroaniline	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chlorobenzilate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Chlorophenyl-phenylether	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
4-Nitroaniline	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Nitrophenol	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
4-Nitroquinoline-1-oxide	NA	ND(4.6)	ND(3.5)	ND(3.6)	NA
4-Phenylenediamine	NA	ND(9.1)	ND(6.9)	ND(7.1)	NA
5-Nitro-o-toluidine	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
a,a'-Dimethylphenethylamine	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	0-1	1-3	6-10	8-10
Parameter / Date Collected:	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Semivolatile Organics (continued)					
Acenaphthene	NA	0.059 J	ND(0.35)	ND(0.36)	NA
Acenaphthylene	NA	0.13 J	ND(0.35)	ND(0.36)	NA
Acetophenone	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Aniline	NA	0.060 J	ND(0.35)	ND(0.36)	NA
Anthracene	NA	0.20 J	ND(0.35)	ND(0.36)	NA
Aramite	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	NA	ND(4.6)	ND(3.5)	ND(3.6)	NA
Benzo(a)anthracene	NA	0.59	ND(0.35)	ND(0.36)	NA
Benzo(a)pyrene	NA	0.64	ND(0.35)	ND(0.36)	NA
Benzo(b)fluoranthene	NA	0.65	ND(0.35)	ND(0.36)	NA
Benzo(g,h,i)perylene	NA	0.23 J	ND(0.35)	ND(0.36)	NA
Benzo(k)fluoranthene	NA	0.67	ND(0.35)	ND(0.36)	NA
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Chloroethyl)ether	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Butylbenzylphthalate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Chrysene	NA	0.71	ND(0.35)	ND(0.36)	NA
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	0.081 J	ND(0.35)	ND(0.36)	NA
Dibenzofuran	NA	0.051 J	ND(0.35)	ND(0.36)	NA
Diethylphthalate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Dimethylphthalate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Di-n-Butylphthalate	NA	0.083 J	ND(0.35)	ND(0.36)	NA
Di-n-Octylphthalate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Diphenylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Fluoranthene	NA	1.3	ND(0.35)	ND(0.36)	NA
Fluorene	NA	0.070 J	ND(0.35)	ND(0.36)	NA
Hexachlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Hexachlorobutadiene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Hexachlorocyclopentadiene	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Hexachloroethane	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Hexachlorophene	NA	ND(9.3)	ND(7.0)	ND(7.2)	NA
Hexachloropropene	NA	ND(4.6)	ND(3.5)	ND(3.6)	NA
Indeno(1,2,3-cd)pyrene	NA	0.28 J	ND(0.35)	ND(0.36)	NA
Isodrin	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Isophorone	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Isosafrole	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Methapyrilene	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Methyl Methanesulfonate	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Naphthalene	NA	0.044 J	ND(0.35)	ND(0.36)	NA
Nitrobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosodiethylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosodimethylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosodiphenylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosomethylethylamine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosomorpholine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	0-1	1-3	6-10	8-10
Parameter / Date Collected:	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Semivolatile Organics (continued)					
N-Nitrosopiperidine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
N-Nitrosopyrrolidine	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
o-Toluidine	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Paraldehyde	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Pentachlorobenzene	NA	ND(0.46)	ND(0.35)	ND(0.36)	NA
Pentachloroethane	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Pentachloronitrobenzene	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Pentachlorophenol	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Phenacetin	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Phenanthrene	NA	0.93	ND(0.35)	ND(0.36)	NA
Phenol	NA	0.031 J	ND(0.35)	ND(0.36)	NA
Pronamide	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Pyrene	NA	0.92	ND(0.35)	ND(0.36)	NA
Pyridine	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Safrole	NA	ND(0.91)	ND(0.69)	ND(0.71)	NA
Thionazin	NA	ND(2.2)	ND(1.7)	ND(1.7)	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.000024	0.0000026	0.0000016	NA
TCDFs (total)	NA	ND(0.00022) X	ND(0.000022) X	ND(0.000013) X	NA
1,2,3,7,8-PeCDF	NA	0.0000065 J	0.0000020 J	0.0000010 J	NA
2,3,4,7,8-PeCDF	NA	0.0000075	0.0000018 J	0.0000010 J	NA
PeCDFs (total)	NA	ND(0.00031) X	ND(0.000026) X	ND(0.000010) X	NA
1,2,3,4,7,8-HxCDF	NA	0.0000084	0.0000045 J	0.0000030 J	NA
1,2,3,6,7,8-HxCDF	NA	0.0000046 J	0.0000019 J	0.0000012 J	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000022) X	ND(0.00000011)	ND(0.000000094)	NA
2,3,4,6,7,8-HxCDF	NA	0.0000054 J	0.00000067 J	0.00000035 J	NA
HxCDFs (total)	NA	ND(0.00026) XQ	ND(0.000020) XQ	ND(0.0000082) X	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000019	0.0000047 J	0.0000020 J	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000024 J	0.00000082 J	ND(0.00000060) X	NA
HpCDFs (total)	NA	ND(0.000050) X	ND(0.000010) X	ND(0.0000035) X	NA
OCDF	NA	0.000012 J	0.0000051 J	0.0000014 J	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000032)	ND(0.00000023)	ND(0.00000021)	NA
TCDDs (total)	NA	ND(0.0000025) X	ND(0.00000023)	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000049) X	ND(0.00000015)	ND(0.00000012)	NA
PeCDDs (total)	NA	ND(0.0000061) X	ND(0.00000015)	ND(0.00000012)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000055) X	ND(0.00000015)	ND(0.00000014)	NA
1,2,3,6,7,8-HxCDD	NA	0.0000014 J	ND(0.00000027) X	ND(0.00000013)	NA
1,2,3,7,8,9-HxCDD	NA	0.0000013 QJ	ND(0.00000014)	ND(0.00000013)	NA
HxCDDs (total)	NA	ND(0.000015) XQJ	ND(0.0000012) X	ND(0.00000067) X	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000014 QJ	0.0000049 QJ	ND(0.00000023)	NA
HpCDDs (total)	NA	0.000033 QJ	0.0000095 QJ	ND(0.00000032) X	NA
OCDD	NA	0.000080	0.000048	ND(0.0000012) X	NA
Total TEQs (WHO TEFs)	NA	0.0000094	0.0000023	0.0000014	NA

TABLE E-1
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample ID:	RAA15-E2SW	RAA15-F2	RAA15-F2	RAA15-F2	RAA15-F2
Sample Depth(Feet):	1-3	0-1	1-3	6-10	8-10
Parameter Date Collected:	05/05/04	03/10/03	03/10/03	03/10/03	03/10/03
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	130	2.50 B	ND(6.30)	ND(6.50)	NA
Arsenic	NA	3.70	2.80	6.20	NA
Barium	NA	38.6 J	14.4 J	21.4 J	NA
Beryllium	NA	0.390 B	0.290 B	0.410 B	NA
Cadmium	NA	ND(0.690)	ND(0.520)	ND(0.540)	NA
Calcium	NA	NA	NA	NA	NA
Chromium	NA	7.10	5.60	10.1	NA
Cobalt	NA	5.20 B	5.30	10.8	NA
Copper	NA	61.8 J	9.90 J	26.1 J	NA
Cyanide	NA	0.270 B	ND(0.520)	0.200 B	NA
Iron	NA	NA	NA	NA	NA
Lead	5900	77.6 J	7.10 J	10.1 J	NA
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	NA	2.30 J	0.490 J	0.510 J	NA
Nickel	NA	9.70	8.10	17.9	NA
Potassium	NA	NA	NA	NA	NA
Selenium	NA	ND(0.690)	ND(0.520)	ND(0.540)	NA
Silver	NA	ND(1.40)	ND(1.00)	ND(1.10)	NA
Sodium	NA	NA	NA	NA	NA
Sulfide	NA	ND(13.8)	ND(10.5)	ND(10.8)	NA
Thallium	NA	ND(1.40)	ND(1.00)	ND(1.10)	NA
Tin	NA	16.1 J	ND(6.20)	ND(3.00)	NA
Vanadium	NA	9.90	5.20 B	9.50	NA
Zinc	NA	65.1	31.7	53.4	NA

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-2
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCEL K10-13-1

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
1,1,2-trichloro-1,2,2-trifluoroethane	0.003	5,600	No
Acetone	0.039	6,100	No
Methylene Chloride	0.074	20	No
Toluene	0.003	520	No
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	1.9	320*	No
2-Methylnaphthalene	0.15	190*	No
Acenaphthene	1.3	28,000	No
Acenaphthylene	0.43	190*	No
Aniline	0.06	530	No
Anthracene	3.6	220,000	No
Benzo(a)anthracene	8.1	3.60	**Yes**
Benzo(a)pyrene	5.6	0.36	**Yes**
Benzo(b)fluoranthene	5	3.60	**Yes**
Benzo(g,h,i)perylene	3.5	190*	No
Benzo(k)fluoranthene	4.2	36	No
Chrysene	5.8	360	No
Dibenzo(a,h)anthracene	0.73	0.36	**Yes**
Dibenzofuran	0.15	3,200	No
Di-n-Butylphthalate	0.083	110,000	No
Fluoranthene	15	37,000	No
Fluorene	1.5	22,000	No
Indeno(1,2,3-cd)pyrene	3	3.60	No
Isophorone	0.15	3,200	No
Naphthalene	1.2	190	No
N-Nitrosodiphenylamine	0.25	610	No
Phenanthrene	17	190*	No
Phenol	0.031	100,000	No
Pyrene	13	26,000	No
Inorganics			
Aluminum	5,670	100,000	No
Antimony	969	750	**Yes**
Arsenic	21.9	3	**Yes**
Barium	1,810	100,000	No
Beryllium	0.41	3,400	No
Cadmium	5.4	930	No
Chromium	41	450	No
Cobalt	10.8	29,000	No
Copper	8,860	70,000	No
Cyanide	120	35*	**Yes**
Iron	68,700	100,000	No
Lead	14,000	1,000	**Yes**
Manganese	854	45,000	No
Mercury	10.4	560	No
Nickel	43.8	37,000	No
Selenium	1.2	9,400	No
Silver	5.5	9,400	No
Sulfide	65	1,200*	No
Tin	3,300	100,000	No
Vanadium	22.9	13,000	No
Zinc	3,230	100,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-3
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	ROJ2S 0-0.3 12/10/91	OX-J-SS1 0-0.3 09/16/94	RAA15-E2 0-1 03/10/03	RAA15-F2 0-1 03/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics								
Benzo(a)anthracene	0.57	--	0.28	0.59	N/A (See Note 5)	0.48	1	No
Benzo(a)pyrene	0.45	--	0.21	0.64	N/A (See Note 5)	0.43	0.7	No
Benzo(b)fluoranthene	0.58	--	0.17	0.65	N/A (See Note 5)	0.47	1	No
Dibenzo(a,h)anthracene	0.097	--	**0.75**	0.081	N/A (See Note 5)	0.31	0.7	No
Dioxins/Furans								
Total TEQs (WHO TEFs)	--	0.0000099	0.0000080	0.0000094	9.90E-06	N/A (See Note 5)	5.00E-03	No
Inorganics								
Antimony	10.5	--	5.00	2.50	N/A (See Note 5)	6.00	40	No
Arsenic	21.9	--	3.40	3.70	N/A (See Note 5)	9.67	30	No
Cyanide	120	**0.300**	**0.290**	0.270	N/A (See Note 5)	30.22	100	No
Lead	121	--	367	77.6	N/A (See Note 5)	188.53	600	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. -- = Constituent not subject to analysis.

TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ2S 0-0.3 12/10/91	OX-J-SS1 0-0.3 09/16/94	RAA15-E2 0-1 03/10/03	RAA15-F2 0-1 03/10/03	RAA15-E2 1-3 03/10/03
Semivolatile Organics					
Benzo(a)anthracene	0.57	--	0.28	0.59	1.7
Benzo(a)pyrene	0.45	--	0.21	0.64	1.9
Benzo(b)fluoranthene	0.58	--	0.17	0.65	1.8
Dibenzo(a,h)anthracene	0.097	--	**0.75**	0.081	0.42
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	0.0000099	0.0000080	0.0000094	0.000083
Inorganics					
Antimony	10.5	--	5.00	2.50	969
Arsenic	21.9	--	3.40	3.70	19.1
Cyanide	120	**0.300**	**0.290**	0.270	0.400
Lead	121	--	367	77.6	14,000

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	COMP-E2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)anthracene	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--
Dibenzo(a,h)anthracene	--	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Antimony	610	400	820	130	585.8
Arsenic	--	--	--	--	19.1
Cyanide	--	--	--	--	0.4
Lead	850	6,500	11,000	5,900	7,650

See notes on page 2.

TABLE E-4
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-F2 1-3 03/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
Benzo(a)anthracene	**0.18**	N/A (See Note 6)	0.66	1	No
Benzo(a)pyrene	**0.18**	N/A (See Note 6)	0.68	0.7	No
Benzo(b)fluoranthene	**0.18**	N/A (See Note 6)	0.68	1	No
Dibenzo(a,h)anthracene	**0.18**	N/A (See Note 6)	0.31	0.7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000023	8.30E-05	N/A (See Note 6)	5.00E-03	No
Inorganics					
Antimony	**3.15**	N/A (See Note 6)	121.4	40	**Yes**
Arsenic	2.80	N/A (See Note 6)	10.18	30	No
Cyanide	**0.260**	N/A (See Note 6)	20.25	100	No
Lead	7.10	N/A (See Note 6)	1,645	600	**Yes**

Notes:
1. The antimony and lead results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E2 (1-3'; 3/10/03), RAA15-E2NE (1-3'; 5/5/04), RAA15-E2NW (1-3'; 5/5/04), RAA15-E2SE (1-3'; 5/5/04) and RAA15-E2SW (1-3'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.

TABLE E-5
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-13-1 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E2 1-3 03/10/03	RAA15-E2NW 1-3 05/05/04	RAA15-E2NE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	COMP - E2 1-3 (See Note 1)
Semivolatile Organics						
Benzo(a)anthracene	1.7	--	--	--	--	--
Benzo(a)pyrene	1.9	--	--	--	--	--
Benzo(b)fluoranthene	1.8	--	--	--	--	--
Dibenzo(a,h)anthracene	0.42	--	--	--	--	--
Inorganics		--	--	--	--	
Antimony	969	400	610	130	820	585.8
Arsenic	19.1	--	--	--	--	19.1
Cyanide	0.4	--	--	--	--	0.4
Lead	14,000	6,500	850	5,900	11,000	7,650

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-F2 1-3 03/10/03	RAA15-E2 3-6 03/10/03	FP-3 4-8 10/05/89	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	**0.18**	0.91	8.1	2.72	4	No
Benzo(a)pyrene	**0.18**	0.95	5.6	2.16	0.7	**Yes**
Benzo(b)fluoranthene	**0.18**	1.1	5	2.02	4	No
Dibenzo(a,h)anthracene	**0.18**	0.13	0.73	0.37	0.8	No
Inorganics						
Antimony	**3.15**	115	--	235	40	**Yes**
Arsenic	2.8	6.5	--	9.47	30	No
Cyanide	**0.26**	0.32	--	0.3	400	No
Lead	7.1	9,560	--	5,739	600	**Yes**

Notes:
1. The antimony and lead results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E2 (1-3'; 3/10/03), RAA15-E2NE (1-3'; 5/5/04), RAA15-E2NW (1-3'; 5/5/04), RAA15-E2SE (1-3'; 5/5/04) and RAA15-E2SW (1-3'; 5/5/04).
2. The constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-3 soil standards listed are those associated with GW-2 or GW-3 groundwater (whichever is more stringent).
5. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
6. -- = Constituent not subject to analysis.

TABLE E-6
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ2S 0-0.3 12/10/91	OX-J-SS1 0-0.3 09/16/94	RAA15-E2 0-1 03/10/03	RAA15-F2 0-1 03/10/03	RAA15-E2 1-3 03/10/03
Semivolatile Organics					
Benzo(a)anthracene	0.57	--	0.28	0.59	1.7
Benzo(a)pyrene	0.45	--	0.21	0.64	1.9
Benzo(b)fluoranthene	0.58	--	0.17	0.65	1.8
Dibenzo(a,h)anthracene	0.097	--	**0.75**	0.081	0.42
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	See Note 8	See Note 8	See Note 8	0.000083
Inorganics					
Antimony	10.5	--	5.00	2.50	969
Arsenic	21.9	--	3.40	3.70	19.1
Cyanide	120	**0.300**	**0.290**	0.270	0.400
Lead	121	--	367	77.6	14,000

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	COMP-E2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)anthracene	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--
Dibenzo(a,h)anthracene	--	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Antimony	610	400	820	130	585.8
Arsenic	--	--	--	--	19.1
Cyanide	--	--	--	--	0.4
Lead	850	6,500	11,000	5,900	7,650

See notes on page 3.

TABLE E-6
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-F2 1-3 03/10/03	RAA15-E2 3-6 03/10/03	FP-3 4-8 10/05/89	RAA15-F2 6-10 03/10/03	RAA15-E2 10-15 03/10/03
Semivolatile Organics					
Benzo(a)anthracene	**0.18**	0.91	8.1	**0.18**	**0.18**
Benzo(a)pyrene	**0.18**	0.95	5.6	**0.18**	**0.18**
Benzo(b)fluoranthene	**0.18**	1.1	5.0	**0.18**	**0.18**
Dibenzo(a,h)anthracene	**0.18**	0.13	0.73	**0.18**	**0.18**
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000023	0.000019	--	0.0000014	0.00000049
Inorganics					
Antimony	**3.15**	115	--	**3.25**	0.480
Arsenic	2.80	6.50	--	6.20	4.00
Cyanide	**0.260**	0.320	--	0.200	**0.275**
Lead	7.10	9560	--	10.1	9.60

Sample ID: Sample Depth (Feet): Parameter Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	1.41	4	No
Benzo(a)pyrene	N/A (See Note 6)	1.14	0.7	**Yes**
Benzo(b)fluoranthene	N/A (See Note 6)	1.09	4	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.31	0.8	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	8.30E-05	N/A (See Note 6)	2.00E-02	No
Inorganics				
Antimony	N/A (See Note 6)	90.7	40	**Yes**
Arsenic	N/A (See Note 6)	8.45	30	No
Cyanide	N/A (See Note 6)	13.59	400	No
Lead	N/A (See Note 6)	2,225	600	**Yes**

See notes on page 3.

TABLE E-6
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The antimony and lead results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E2 (1-3'; 3/10/03), RAA15-E2NE (1-3'; 5/5/04), RAA15-E2NW (1-3'; 5/5/04), RAA15-E2SE (1-3'; 5/5/04) and RAA15-E2SW (1-3'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.

TABLE E-7
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ2S 0-0.3 12/10/91	OX-J-SS1 0-0.3 09/16/94	RAA15-E2 0-1 03/10/03	RAA15-F2 0-1 03/10/03	RAA15-E2 1-3 03/10/03
Semivolatile Organics					
Benzo(a)anthracene	0.57	--	0.28	0.59	1.7
Benzo(a)pyrene	0.45	--	0.21	0.64	1.9
Benzo(b)fluoranthene	0.58	--	0.17	0.65	1.8
Dibenzo(a,h)anthracene	0.097	--	**0.75**	0.081	0.42
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	0.0000099	0.0000080	0.0000094	0.000083
Inorganics					
Antimony	10.5	--	5.00	2.50	***3.83***
Arsenic	21.9	--	3.40	3.70	19.10
Cyanide	120	**0.300**	**0.290**	0.270	0.400
Lead	121	--	367	77.6	***6.24***

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	COMP-E2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)anthracene	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--
Dibenzo(a,h)anthracene	--	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Antimony	610	400	820	130	392.8
Arsenic	--	--	--	--	19.10
Cyanide	--	--	--	--	0.40
Lead	850	6,500	11,000	5,900	4,851

See notes on page 2.

TABLE E-7
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-F2 1-3 03/10/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
Benzo(a)anthracene	**0.18**	N/A (See Note 6)	0.66	1	No
Benzo(a)pyrene	**0.18**	N/A (See Note 6)	0.68	0.7	No
Benzo(b)fluoranthene	**0.18**	N/A (See Note 6)	0.68	1	No
Dibenzo(a,h)anthracene	**0.18**	N/A (See Note 6)	0.31	0.7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000023	0.000083	N/A (See Note 6)	5.00E-03	No
Inorganics					
Antimony	**3.15**	N/A (See Note 6)	82.8	40	**Yes**
Arsenic	2.80	N/A (See Note 6)	10.18	30	No
Cyanide	**0.260**	N/A (See Note 6)	20.25	100	No
Lead	7.10	N/A (See Note 6)	1,085	600	**Yes**

Notes:
1. The antimony and lead results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E2 (1-3'; 3/10/03), RAA15-E2NE (1-3'; 5/5/04), RAA15-E2NW (1-3'; 5/5/04), RAA15-E2SE (1-3'; 5/5/04) and RAA15-E2SW (1-3'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-8
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-13-1 (1- TO 6-FOOT DEPTH INCREMENT)

PRELIMINARY CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E2 1-3 03/10/03	RAA15-E2NW 1-3 05/05/04	RAA15-E2NE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	COMP - E2 1-3 (See Note 1)
Semivolatile Organics						
Benzo(a)anthracene	1.7	--	--	--	--	--
Benzo(a)pyrene	1.9	--	--	--	--	--
Benzo(b)fluoranthene	1.8	--	--	--	--	--
Dibenzo(a,h)anthracene	0.42	--	--	--	--	--
Inorganics		--	--	--	--	
Antimony	***3.83***	400	610	130	820	392.8
Arsenic	19.10	--	--	--	--	19.1
Cyanide	0.400	--	--	--	--	0.40
Lead	***6.24***	6,500	850	5,900	11,000	4,851

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-F2 1-3 03/10/03	RAA15-E2 3-6 03/10/03	FP-3 4-8 10/05/89	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	**0.18**	0.91	8.1	2.72	4	No
Benzo(a)pyrene	**0.18**	0.95	5.6	2.16	0.7	**Yes**
Benzo(b)fluoranthene	**0.18**	1.1	5	2.02	4	No
Dibenzo(a,h)anthracene	**0.18**	0.13	0.73	0.37	0.8	No
Inorganics						
Antimony	**3.15**	115	--	170	40	**Yes**
Arsenic	2.8	6.5	--	9.47	30	No
Cyanide	**0.26**	0.32	--	0.3	400	No
Lead	7.1	9,560	--	4,806	600	**Yes**

Notes:
1. The results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E2 (1-3'; 3/10/03), RAA15-E2NW (1-3', 5/5/04), RAA15-E2NE (1-3'; 5/5/04), RAA15-E2SW (1-3'; 5/5/04), and RAA15-SE (1-3'; 5/5/04).
2. The constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-3 soil standards listed are those associated with GW-2 or GW-3 groundwater (whichever is more stringent).
5. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
6. -- = Constituent not subject to analysis.
7. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-9
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ2S 0-0.3 12/10/91	OX-J-SS1 0-0.3 09/16/94	RAA15-E2 0-1 03/10/03	RAA15-F2 0-1 03/10/03	RAA15-E2 1-3 03/10/03
Semivolatile Organics					
Benzo(a)anthracene	0.57	--	0.28	0.59	1.7
Benzo(a)pyrene	0.45	--	0.21	0.64	1.9
Benzo(b)fluoranthene	0.58	--	0.17	0.65	1.8
Dibenzo(a,h)anthracene	0.097	--	**0.75**	0.081	0.42
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	See Note 8	See Note 8	See Note 8	0.000083
Inorganics					
Antimony	10.5	--	5.00	2.50	***3.83***
Arsenic	21.9	--	3.40	3.70	19.10
Cyanide	120	**0.300**	**0.290**	0.270	0.400
Lead	121	--	367	77.6	***6.24***

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E2NE 1-3 05/05/04	RAA15-E2NW 1-3 05/05/04	RAA15-E2SE 1-3 05/05/04	RAA15-E2SW 1-3 05/05/04	COMP-E2 1-3 (See Note 1)
Semivolatile Organics					
Benzo(a)anthracene	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--
Dibenzo(a,h)anthracene	--	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Antimony	610	400	820	130	392.8
Arsenic	--	--	--	--	19.1
Cyanide	--	--	--	--	0.4
Lead	850	6,500	11,000	5,900	4,851

See notes on page 3.

TABLE E-9
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-F2 1-3 03/10/03	RAA15-E2 3-6 03/10/03	FP-3 4-8 10/05/89	RAA15-F2 6-10 03/10/03	RAA15-E2 10-15 03/10/03
Semivolatile Organics					
Benzo(a)anthracene	**0.18**	0.91	8.1	**0.18**	**0.18**
Benzo(a)pyrene	**0.18**	0.95	5.6	**0.18**	**0.18**
Benzo(b)fluoranthene	**0.18**	1.1	5.0	**0.18**	**0.18**
Dibenzo(a,h)anthracene	**0.18**	0.13	0.73	**0.18**	**0.18**
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000023	0.000019	--	0.0000014	0.00000049
Inorganics					
Antimony	**3.15**	115	--	**3.25**	0.480
Arsenic	2.80	6.50	--	6.20	4.00
Cyanide	**0.260**	0.320	--	0.200	**0.275**
Lead	7.10	9560	--	10.1	9.60

Sample ID: Sample Depth (Feet): Parameter Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 6)	1.41	4	No
Benzo(a)pyrene	N/A (See Note 6)	1.14	0.7	**Yes**
Benzo(b)fluoranthene	N/A (See Note 6)	1.09	4	No
Dibenzo(a,h)anthracene	N/A (See Note 6)	0.31	0.8	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	8.30E-05	N/A (See Note 6)	2.00E-02	No
Inorganics				
Antimony	N/A (See Note 6)	66.6	40	**Yes**
Arsenic	N/A (See Note 6)	8.45	30	No
Cyanide	N/A (See Note 6)	13.59	400	No
Lead	N/A (See Note 6)	1,875	600	**Yes**

See notes on page 3.

TABLE E-9
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The antimony and lead results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E2 (1-3'; 3/10/03), RAA15-E2NE (1-3'; 5/5/04), RAA15-E2NW (1-3'; 5/5/04), RAA15-E2SE (1-3'; 5/5/04) and RAA15-E2SW (1-3'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-10
POST-REMEDIATION CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
PARCEL K10-13-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	1.41	100	No
Benzo(a)pyrene	1.14	100	No
Benzo(b)fluoranthene	1.09	100	No
Dibenzo(a,h)anthracene	0.31	100	No
Inorganics			
Antimony	66.6	400	No
Arsenic	6.88	300	No
Cyanide	13.64	4,000	No
Lead	1,875	6,000	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Parcel K10-12-1

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TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample Depth(Feet):	4-8	0-1	1-3	3-6
Parameter Date Collected:	10/05/89	03/04/03	03/04/03	03/04/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	ND(0.0043)	ND(0.0051)	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,1-Dichloroethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,1-Dichloroethene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,2,3-Trichloropropane	NA	ND(0.0043)	ND(0.0051)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0043)	ND(0.0051)	NA
1,2-Dibromoethane	NA	ND(0.0043)	ND(0.0051)	NA
1,2-Dichloroethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,2-Dichloropropane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
1,4-Dioxane	NA	ND(0.87) J	ND(1.0) J	NA
2-Butanone	NA	ND(0.0043) J	ND(0.0051) J	NA
2-Chloro-1,3-butadiene	NA	ND(0.0043)	ND(0.0051)	NA
2-Chloroethylvinylether	ND(0.010)	ND(0.0087) J	ND(0.010) J	NA
2-Hexanone	NA	ND(0.017) J	ND(0.020) J	NA
3-Chloropropene	NA	ND(0.0043)	ND(0.0051)	NA
4-Methyl-2-pentanone	NA	ND(0.017) J	ND(0.020) J	NA
Acetone	NA	ND(0.017)	ND(0.020)	NA
Acetonitrile	NA	ND(0.087) J	ND(0.10) J	NA
Acrolein	ND(0.010)	ND(0.087) J	ND(0.10) J	NA
Acrylonitrile	ND(0.010)	ND(0.087)	ND(0.10)	NA
Benzene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Bromodichloromethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Bromoform	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Bromomethane	ND(0.010)	ND(0.0043) J	ND(0.0051) J	NA
Carbon Disulfide	NA	ND(0.0043)	ND(0.0051)	NA
Carbon Tetrachloride	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Chlorobenzene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Chloroethane	ND(0.010)	ND(0.0087) J	ND(0.010) J	NA
Chloroform	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Chloromethane	ND(0.010)	ND(0.0043)	ND(0.0051)	NA
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Dibromochloromethane	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Dibromomethane	NA	ND(0.0043)	ND(0.0051)	NA
Dichlorodifluoromethane	NA	ND(0.0043)	ND(0.0051)	NA
Ethyl Methacrylate	NA	ND(0.0043)	ND(0.0051)	NA
Ethylbenzene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Iodomethane	NA	ND(0.0043)	ND(0.0051)	NA
Isobutanol	NA	ND(0.17) J	ND(0.20) J	NA
Methacrylonitrile	NA	ND(0.0043)	ND(0.0051)	NA
Methyl Methacrylate	NA	ND(0.0043)	ND(0.0051)	NA
Methylene Chloride	0.0060	0.0016 J	0.0014 J	NA
Propionitrile	NA	ND(0.0087)	ND(0.010)	NA
Styrene	NA	ND(0.0043)	ND(0.0051)	NA
Tetrachloroethene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Toluene	0.0030 J	ND(0.0043)	ND(0.0051)	NA
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0043)	ND(0.0051)	NA
Trichloroethene	ND(0.0050)	ND(0.0043)	ND(0.0051)	NA
Trichlorofluoromethane	NA	ND(0.0043) J	ND(0.0051) J	NA
Vinyl Acetate	NA	ND(0.0043)	ND(0.0051)	NA
Vinyl Chloride	ND(0.010)	ND(0.0087)	ND(0.010)	NA
Xylenes (total)	NA	ND(0.0043)	ND(0.0051)	NA

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample Depth(Feet):	4-8	0-1	1-3	3-6
Parameter Date Collected:	10/05/89	03/04/03	03/04/03	03/04/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.76)	ND(1.5)	ND(14)
1,2,4-Trichlorobenzene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
1,2-Dichlorobenzene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
1,2-Diphenylhydrazine	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
1,3,5-Trinitrobenzene	NA	ND(3.7)	ND(7.3)	ND(70)
1,3-Dichlorobenzene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
1,3-Dinitrobenzene	NA	ND(0.76)	ND(1.5)	ND(14)
1,4-Dichlorobenzene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
1,4-Naphthoquinone	NA	ND(3.7)	ND(7.3)	ND(70)
1-Naphthylamine	NA	ND(0.76)	ND(1.5)	ND(14)
2,3,4,6-Tetrachlorophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2,4,5-Trichlorophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2,4,6-Trichlorophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2,4-Dichlorophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2,4-Dimethylphenol	NA	ND(0.76)	ND(1.5)	ND(14)
2,4-Dinitrophenol	NA	ND(3.7)	ND(7.3)	ND(70)
2,4-Dinitrotoluene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
2,6-Dichlorophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2,6-Dinitrotoluene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
2-Acetylaminofluorene	NA	ND(1.5)	ND(3.0)	ND(29)
2-Chloronaphthalene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
2-Chlorophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2-Methylnaphthalene	NA	ND(0.76)	ND(1.5)	ND(14)
2-Methylphenol	NA	ND(0.76)	ND(1.5)	ND(14)
2-Naphthylamine	NA	ND(0.76)	ND(1.5)	ND(14)
2-Nitroaniline	NA	ND(3.7)	ND(7.3)	ND(70)
2-Nitrophenol	NA	ND(0.76)	ND(1.5)	ND(14)
2-Picoline	NA	ND(1.5)	ND(3.0)	ND(29)
3&4-Methylphenol	NA	ND(1.5)	ND(3.0)	ND(29)
3,3'-Dichlorobenzidine	ND(3.8)	ND(3.7)	ND(7.3)	ND(70)
3,3'-Dimethylbenzidine	NA	ND(3.7)	ND(7.3)	ND(70)
3-Methylcholanthrene	NA	ND(3.7)	ND(7.3)	ND(70)
3-Nitroaniline	NA	ND(3.7)	ND(7.3)	ND(70)
4,6-Dinitro-2-methylphenol	NA	ND(3.7)	ND(7.3)	ND(70)
4-Aminobiphenyl	NA	ND(3.7)	ND(7.3)	ND(70)
4-Bromophenyl-phenylether	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
4-Chloro-3-Methylphenol	NA	ND(0.76)	ND(1.5)	ND(14)
4-Chloroaniline	NA	ND(0.76)	ND(1.5)	ND(14)
4-Chlorobenzilate	NA	ND(0.76)	ND(1.5)	ND(14)
4-Chlorophenyl-phenylether	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
4-Nitroaniline	NA	ND(3.7)	ND(7.3)	ND(70)
4-Nitrophenol	NA	ND(3.7)	ND(7.3)	ND(70)
4-Nitroquinoline-1-oxide	NA	ND(7.6)	ND(15)	ND(140)
4-Phenylenediamine	NA	ND(15)	ND(30)	ND(290)
5-Nitro-o-toluidine	NA	ND(1.5)	ND(3.0)	ND(29)
7,12-Dimethylbenz(a)anthracene	NA	ND(1.5)	ND(3.0)	ND(29)
a,a'-Dimethylphenethylamine	NA	ND(3.7)	ND(7.3)	ND(70)
Acenaphthene	ND(1.9)	0.061 J	0.16 J	ND(14)
Acenaphthylene	ND(1.9)	ND(0.76)	0.75 J	ND(14)
Acetophenone	NA	ND(0.76)	ND(1.5)	ND(14)
Aniline	NA	ND(0.76)	ND(1.5)	ND(14)
Anthracene	ND(1.9)	0.15 J	0.69 J	ND(14)
Aramite	NA	ND(3.7)	ND(7.3)	ND(70)
Benzidine	ND(9.5)	ND(7.6)	ND(15)	ND(140)
Benzo(a)anthracene	0.26 J	0.49 J	4.0	ND(14)
Benzo(a)pyrene	0.20 J	0.54 J	4.1	ND(14)
Benzo(b)fluoranthene	ND(1.9)	0.52 J	4.0	ND(14)

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample Depth(Feet):	4-8	0-1	1-3	3-6
Parameter Date Collected:	10/05/89	03/04/03	03/04/03	03/04/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	ND(1.9)	0.22 J	1.2 J	ND(14)
Benzo(k)fluoranthene	ND(1.9)	0.51 J	4.1	ND(14)
Benzyl Alcohol	NA	ND(0.76)	ND(1.5)	ND(14)
bis(2-Chloroethoxy)methane	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
bis(2-Chloroethyl)ether	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
bis(2-Chloroisopropyl)ether	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
bis(2-Ethylhexyl)phthalate	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Butylbenzylphthalate	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Chrysene	0.23 J	0.57 J	4.0	ND(14)
Diallate	NA	ND(1.5)	ND(3.0)	ND(29)
Dibenzo(a,h)anthracene	ND(1.9)	ND(0.76)	0.39 J	ND(14)
Dibenzofuran	NA	ND(0.76)	ND(1.5)	ND(14)
Diethylphthalate	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Dimethylphthalate	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Di-n-Butylphthalate	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Di-n-Octylphthalate	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Diphenylamine	NA	ND(0.76)	ND(1.5)	ND(14)
Ethyl Methanesulfonate	NA	ND(0.76)	ND(1.5)	ND(14)
Fluoranthene	0.55 J	1.3	8.0	ND(14)
Fluorene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Hexachlorobenzene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Hexachlorobutadiene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Hexachlorocyclopentadiene	ND(1.9)	ND(3.7)	ND(7.3)	ND(70)
Hexachloroethane	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Hexachlorophene	NA	ND(16)	ND(30)	ND(290)
Hexachloropropene	NA	ND(7.6)	ND(15)	ND(140)
Indeno(1,2,3-cd)pyrene	ND(1.9)	0.26 J	1.5	ND(14)
Isodrin	NA	ND(0.76)	ND(1.5)	ND(14)
Isophorone	ND(1.9)	ND(0.76)	ND(1.5)	45
Isosafrole	NA	ND(1.5)	ND(3.0)	ND(29)
Methapyrilene	NA	ND(3.7)	ND(7.3)	ND(70)
Methyl Methanesulfonate	NA	ND(0.76)	ND(1.5)	ND(14)
Naphthalene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
Nitrobenzene	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosodiethylamine	NA	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosodimethylamine	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
N-Nitroso-di-n-butylamine	NA	ND(0.76)	ND(1.5)	ND(14)
N-Nitroso-di-n-propylamine	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosodiphenylamine	ND(1.9)	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosomethylethylamine	NA	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosomorpholine	NA	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosopiperidine	NA	ND(0.76)	ND(1.5)	ND(14)
N-Nitrosopyrrolidine	NA	ND(0.76)	ND(1.5)	ND(14)
o,o,o-Triethylphosphorothioate	NA	ND(3.7)	ND(7.3)	ND(70)
o-Toluidine	NA	ND(1.5)	ND(3.0)	ND(29)
p-Dimethylaminoazobenzene	NA	ND(1.5)	ND(3.0)	ND(29)
Pentachlorobenzene	NA	ND(0.76)	ND(1.5)	ND(14)
Pentachloroethane	NA	ND(3.7)	ND(7.3)	ND(70)
Pentachloronitrobenzene	NA	ND(3.7)	ND(7.3)	ND(70)
Pentachlorophenol	NA	ND(3.7)	ND(7.3)	ND(70)
Phenacetin	NA	ND(1.5)	ND(3.0)	ND(29)
Phenanthrene	0.48 J	0.66 J	2.1	ND(14)
Phenol	NA	ND(0.76)	ND(1.5)	ND(14)
Pronamide	NA	ND(1.5)	ND(3.0)	ND(29)
Pyrene	0.42 J	0.77	5.4	ND(14)
Pyridine	NA	ND(1.5)	ND(3.0)	ND(29)
Safrole	NA	ND(1.5)	ND(3.0)	ND(29)
Thionazin	NA	ND(3.7)	ND(7.3)	ND(70)

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample ID:	FP-2	RAA15-G4	RAA15-G4	RAA15-G4
Sample Depth(Feet):	4-8	0-1	1-3	3-6
Parameter Date Collected:	10/05/89	03/04/03	03/04/03	03/04/03
Furans				
2,3,7,8-TCDF	NA	ND(0.0000021) X	ND(0.0000092) X	ND(0.0000027) X
TCDFs (total)	NA	ND(0.000017) X	ND(0.00036) X	ND(0.000031) X
1,2,3,7,8-PeCDF	NA	ND(0.00000085) X	0.0000043 J	0.0000012 J
2,3,4,7,8-PeCDF	NA	0.0000012 J	0.0000046 J	0.0000011 J
PeCDFs (total)	NA	ND(0.000045) X	ND(0.00045) X	ND(0.000040) X
1,2,3,4,7,8-HxCDF	NA	0.0000019 J	0.0000053 J	0.0000022 J
1,2,3,6,7,8-HxCDF	NA	ND(0.0000023) X	ND(0.000030) X	ND(0.0000034) X
1,2,3,7,8,9-HxCDF	NA	ND(0.00000017)	ND(0.00000028) X	ND(0.00000020)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000061) X	0.0000023 J	0.00000066 J
HxCDFs (total)	NA	ND(0.000026) X	ND(0.00020) X	ND(0.000022) X
1,2,3,4,6,7,8-HpCDF	NA	0.0000043 J	0.000010	0.0000023 J
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000030)	0.0000020 J	0.00000063 J
HpCDFs (total)	NA	0.0000082 J	ND(0.000025) X	ND(0.0000047) X
OCDF	NA	0.0000041 J	0.0000090 J	0.0000026 J
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000027)	ND(0.00000029)	ND(0.00000034)
TCDDs (total)	NA	ND(0.00000043) X	ND(0.00000079) X	ND(0.00000034)
1,2,3,7,8-PeCDD	NA	ND(0.00000018)	ND(0.00000068) X	ND(0.00000021)
PeCDDs (total)	NA	ND(0.00000055) X	ND(0.0000084) X	ND(0.00000050) X
1,2,3,4,7,8-HxCDD	NA	ND(0.00000023)	0.00000049 J	ND(0.00000027)
1,2,3,6,7,8-HxCDD	NA	0.00000055 J	0.0000021 J	ND(0.00000035) X
1,2,3,7,8,9-HxCDD	NA	ND(0.00000044) X	0.0000016 J	ND(0.00000036) X
HxCDDs (total)	NA	ND(0.0000058) X	ND(0.000022) X	ND(0.0000031) X
1,2,3,4,6,7,8-HpCDD	NA	0.0000092	0.000017	0.0000037 J
HpCDDs (total)	NA	0.000018	0.000033	0.0000070 J
OCDD	NA	0.000056 J	0.000095 J	0.000014
Total TEQs (WHO TEFs)	NA	0.0000015	0.0000065	0.0000016
Inorganics				
Antimony	NA	ND(6.90) J	0.550 J	ND(6.50) J
Arsenic	NA	7.80	4.10	2.90
Barium	NA	23.6	35.9	49.8
Beryllium	NA	ND(0.330)	ND(0.320)	ND(0.310)
Cadmium	NA	0.0780 B	0.0580 B	ND(0.540)
Chromium	NA	10.1	6.80	6.00
Cobalt	NA	11.2	4.40 B	2.40 B
Copper	NA	28.1 J	19.8 J	6.80 J
Cyanide	NA	ND(0.580)	0.240 B	ND(0.540)
Lead	NA	25.5	22.1	3.90
Mercury	NA	0.0380 B	0.0800	0.0230 B
Nickel	NA	23.2	9.30	5.70
Selenium	NA	ND(0.580) J	ND(0.570) J	ND(0.540) J
Silver	NA	ND(1.20)	ND(1.10)	ND(1.10)
Sulfide	NA	ND(11.6)	ND(11.4)	ND(10.9)
Thallium	NA	1.80 J	ND(1.10) J	ND(1.10) J
Tin	NA	ND(5.00)	ND(5.40)	ND(3.80)
Vanadium	NA	12.6	10.1	9.00
Zinc	NA	87.4	45.1	18.3

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	4-6	0-1	3-6	4-6
Parameter / Date Collected:	03/04/03	03/05/03	03/05/03	03/05/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,1,1-Trichloroethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,1,2,2-Tetrachloroethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,1,2-Trichloroethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,1-Dichloroethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,1-Dichloroethene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,2,3-Trichloropropane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,2-Dibromo-3-chloropropane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,2-Dibromoethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,2-Dichloroethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,2-Dichloropropane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
1,4-Dioxane	ND(1.0) J	ND(1.5) J	NA	ND(1.1) J
2-Butanone	ND(0.0051) J	ND(0.0074) J	NA	ND(0.0057) J
2-Chloro-1,3-butadiene	ND(0.0051)	ND(0.0074) J	NA	ND(0.0057) J
2-Chloroethylvinylether	ND(0.010) J	ND(0.015) J	NA	ND(0.011) J
2-Hexanone	ND(0.020) J	ND(0.030)	NA	ND(0.023)
3-Chloropropene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
4-Methyl-2-pentanone	ND(0.020) J	ND(0.030)	NA	ND(0.023)
Acetone	ND(0.020)	ND(0.030) J	NA	ND(0.023) J
Acetonitrile	ND(0.10) J	ND(0.15)	NA	ND(0.11)
Acrolein	ND(0.10) J	ND(0.15) J	NA	ND(0.11) J
Acrylonitrile	ND(0.10)	ND(0.15) J	NA	ND(0.11) J
Benzene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Bromodichloromethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Bromoform	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Bromomethane	ND(0.0051) J	ND(0.0074)	NA	ND(0.0057)
Carbon Disulfide	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Carbon Tetrachloride	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Chlorobenzene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Chloroethane	ND(0.010) J	ND(0.015)	NA	ND(0.011)
Chloroform	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Chloromethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
cis-1,3-Dichloropropene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Dibromochloromethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Dibromomethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Dichlorodifluoromethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Ethyl Methacrylate	ND(0.0051)	ND(0.0074) J	NA	ND(0.0057) J
Ethylbenzene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Iodomethane	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Isobutanol	ND(0.20) J	ND(0.30) J	NA	ND(0.23) J
Methacrylonitrile	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Methyl Methacrylate	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Methylene Chloride	ND(0.0051)	0.0019 J	NA	ND(0.0057)
Propionitrile	ND(0.010)	ND(0.015)	NA	ND(0.011)
Styrene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Tetrachloroethene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Toluene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
trans-1,2-Dichloroethene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
trans-1,3-Dichloropropene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Trichloroethene	ND(0.0051)	0.00086 J	NA	ND(0.0057)
Trichlorofluoromethane	ND(0.0051) J	ND(0.0074)	NA	ND(0.0057)
Vinyl Acetate	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)
Vinyl Chloride	ND(0.010)	ND(0.015)	NA	ND(0.011)
Xylenes (total)	ND(0.0051)	ND(0.0074)	NA	ND(0.0057)

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	4-6	0-1	3-6	4-6
Parameter / Date Collected:	03/04/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.53)	ND(0.40)	NA
1,2,4-Trichlorobenzene	NA	ND(0.53)	ND(0.40)	NA
1,2-Dichlorobenzene	NA	ND(0.53)	ND(0.40)	NA
1,2-Diphenylhydrazine	NA	ND(0.53)	ND(0.40)	NA
1,3,5-Trinitrobenzene	NA	ND(2.6)	ND(1.9)	NA
1,3-Dichlorobenzene	NA	ND(0.53)	ND(0.40)	NA
1,3-Dinitrobenzene	NA	ND(0.53)	ND(0.40)	NA
1,4-Dichlorobenzene	NA	ND(0.53)	ND(0.40)	NA
1,4-Naphthoquinone	NA	ND(2.6)	ND(1.9)	NA
1-Naphthylamine	NA	ND(0.53)	ND(0.40)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.53)	ND(0.40)	NA
2,4,5-Trichlorophenol	NA	ND(0.53)	ND(0.40)	NA
2,4,6-Trichlorophenol	NA	ND(0.53)	ND(0.40)	NA
2,4-Dichlorophenol	NA	ND(0.53)	ND(0.40)	NA
2,4-Dimethylphenol	NA	ND(0.53)	ND(0.40)	NA
2,4-Dinitrophenol	NA	ND(2.6)	ND(1.9)	NA
2,4-Dinitrotoluene	NA	ND(0.53)	ND(0.40)	NA
2,6-Dichlorophenol	NA	ND(0.53)	ND(0.40)	NA
2,6-Dinitrotoluene	NA	ND(0.53)	ND(0.40)	NA
2-Acetylaminofluorene	NA	ND(1.1)	ND(0.79)	NA
2-Chloronaphthalene	NA	ND(0.53)	ND(0.40)	NA
2-Chlorophenol	NA	ND(0.53)	ND(0.40)	NA
2-Methylnaphthalene	NA	ND(0.53)	ND(0.40)	NA
2-Methylphenol	NA	ND(0.53)	ND(0.40)	NA
2-Naphthylamine	NA	ND(0.53)	ND(0.40)	NA
2-Nitroaniline	NA	ND(2.6)	ND(1.9)	NA
2-Nitrophenol	NA	ND(0.53)	ND(0.40)	NA
2-Picoline	NA	ND(1.1)	ND(0.79)	NA
3&4-Methylphenol	NA	ND(1.1)	ND(0.79)	NA
3,3'-Dichlorobenzidine	NA	ND(2.6)	ND(1.9)	NA
3,3'-Dimethylbenzidine	NA	ND(2.6)	ND(1.9)	NA
3-Methylcholanthrene	NA	ND(2.6)	ND(1.9)	NA
3-Nitroaniline	NA	ND(2.6)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	NA	ND(2.6)	ND(1.9)	NA
4-Aminobiphenyl	NA	ND(2.6)	ND(1.9)	NA
4-Bromophenyl-phenylether	NA	ND(0.53)	ND(0.40)	NA
4-Chloro-3-Methylphenol	NA	ND(0.53)	ND(0.40)	NA
4-Chloroaniline	NA	ND(0.53)	ND(0.40)	NA
4-Chlorobenzilate	NA	ND(0.53)	ND(0.40)	NA
4-Chlorophenyl-phenylether	NA	ND(0.53)	ND(0.40)	NA
4-Nitroaniline	NA	ND(2.6)	ND(1.9)	NA
4-Nitrophenol	NA	ND(2.6)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	NA	ND(5.3)	ND(4.0)	NA
4-Phenylenediamine	NA	ND(11)	ND(7.9)	NA
5-Nitro-o-toluidine	NA	ND(1.1)	ND(0.79)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(1.1)	ND(0.79)	NA
a,a'-Dimethylphenethylamine	NA	ND(2.6)	ND(1.9)	NA
Acenaphthene	NA	ND(0.53)	ND(0.40)	NA
Acenaphthylene	NA	0.13 J	ND(0.40)	NA
Acetophenone	NA	ND(0.53)	ND(0.40)	NA
Aniline	NA	ND(0.53)	ND(0.40)	NA
Anthracene	NA	0.11 J	ND(0.40)	NA
Aramite	NA	ND(2.6)	ND(1.9)	NA
Benzidine	NA	ND(5.3)	ND(4.0)	NA
Benzo(a)anthracene	NA	0.42 J	ND(0.40)	NA
Benzo(a)pyrene	NA	0.47 J	ND(0.40)	NA
Benzo(b)fluoranthene	NA	0.50 J	ND(0.40)	NA

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	4-6	0-1	3-6	4-6
Parameter Date Collected:	03/04/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	NA	0.13 J	ND(0.40)	NA
Benzo(k)fluoranthene	NA	0.49 J	ND(0.40)	NA
Benzyl Alcohol	NA	ND(0.53)	ND(0.40)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.53)	ND(0.40)	NA
bis(2-Chloroethyl)ether	NA	ND(0.53)	ND(0.40)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.53)	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.53)	ND(0.40)	NA
Butylbenzylphthalate	NA	ND(0.53)	ND(0.40)	NA
Chrysene	NA	0.52 J	ND(0.40)	NA
Diallate	NA	ND(1.1)	ND(0.79)	NA
Dibenzo(a,h)anthracene	NA	ND(0.53)	ND(0.40)	NA
Dibenzofuran	NA	ND(0.53)	ND(0.40)	NA
Diethylphthalate	NA	ND(0.53)	ND(0.40)	NA
Dimethylphthalate	NA	ND(0.53)	ND(0.40)	NA
Di-n-Butylphthalate	NA	ND(0.53)	ND(0.40)	NA
Di-n-Octylphthalate	NA	ND(0.53)	ND(0.40)	NA
Diphenylamine	NA	ND(0.53)	ND(0.40)	NA
Ethyl Methanesulfonate	NA	ND(0.53)	ND(0.40)	NA
Fluoranthene	NA	1.0	ND(0.40)	NA
Fluorene	NA	ND(0.53)	ND(0.40)	NA
Hexachlorobenzene	NA	ND(0.53)	ND(0.40)	NA
Hexachlorobutadiene	NA	ND(0.53)	ND(0.40)	NA
Hexachlorocyclopentadiene	NA	ND(2.6)	ND(1.9)	NA
Hexachloroethane	NA	ND(0.53)	ND(0.40)	NA
Hexachlorophene	NA	ND(11)	ND(8.1)	NA
Hexachloropropene	NA	ND(5.3)	ND(4.0)	NA
Indeno(1,2,3-cd)pyrene	NA	0.17 J	ND(0.40)	NA
Isodrin	NA	ND(0.53)	ND(0.40)	NA
Isophorone	NA	ND(0.53)	ND(0.40)	NA
Isosafrole	NA	ND(1.1)	ND(0.79)	NA
Methapyrilene	NA	ND(2.6)	ND(1.9)	NA
Methyl Methanesulfonate	NA	ND(0.53)	ND(0.40)	NA
Naphthalene	NA	ND(0.53)	ND(0.40)	NA
Nitrobenzene	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosodiethylamine	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosodimethylamine	NA	ND(0.53)	ND(0.40)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.53)	ND(0.40)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosodiphenylamine	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosomethylethylamine	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosomorpholine	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosopiperidine	NA	ND(0.53)	ND(0.40)	NA
N-Nitrosopyrrolidine	NA	ND(0.53)	ND(0.40)	NA
o,o,o-Triethylphosphorothioate	NA	ND(2.6)	ND(1.9)	NA
o-Toluidine	NA	ND(1.1)	ND(0.79)	NA
p-Dimethylaminoazobenzene	NA	ND(1.1)	ND(0.79)	NA
Pentachlorobenzene	NA	ND(0.53)	ND(0.40)	NA
Pentachloroethane	NA	ND(2.6)	ND(1.9)	NA
Pentachloronitrobenzene	NA	ND(2.6)	ND(1.9)	NA
Pentachlorophenol	NA	ND(2.6)	ND(1.9)	NA
Phenacetin	NA	ND(1.1)	ND(0.79)	NA
Phenanthrene	NA	0.52 J	ND(0.40)	NA
Phenol	NA	ND(0.53)	ND(0.40)	NA
Pronamide	NA	ND(1.1)	ND(0.79)	NA
Pyrene	NA	0.73	ND(0.40)	NA
Pyridine	NA	ND(1.1)	ND(0.79)	NA
Safrole	NA	ND(1.1)	ND(0.79)	NA
Thionazin	NA	ND(2.6)	ND(1.9)	NA

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample ID:	RAA15-G4	RAA15-J4	RAA15-J4	RAA15-J4
Sample Depth(Feet):	4-6	0-1	3-6	4-6
Parameter Date Collected:	03/04/03	03/05/03	03/05/03	03/05/03
Furans				
2,3,7,8-TCDF	NA	ND(0.000034) XJ	ND(0.00000019)	NA
TCDFs (total)	NA	ND(0.00026) X	ND(0.00000019)	NA
1,2,3,7,8-PeCDF	NA	0.0000074 J	ND(0.00000011)	NA
2,3,4,7,8-PeCDF	NA	0.0000085	ND(0.00000010)	NA
PeCDFs (total)	NA	ND(0.00028) X	ND(0.00000093) X	NA
1,2,3,4,7,8-HxCDF	NA	0.000012	ND(0.000000077)	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.000031) X	ND(0.00000019) X	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000040) X	ND(0.000000091)	NA
2,3,4,6,7,8-HxCDF	NA	0.0000050 J	ND(0.000000082)	NA
HxCDFs (total)	NA	ND(0.00036) X	ND(0.0000018) X	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00042	0.0000030 J	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000063 J	ND(0.00000013)	NA
HpCDFs (total)	NA	ND(0.00080) X	0.0000058 J	NA
OCDF	NA	0.00026	0.0000028 J	NA
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000061) X	ND(0.00000025)	NA
TCDDs (total)	NA	ND(0.0000060) X	ND(0.00000025)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000013) X	ND(0.00000012)	NA
PeCDDs (total)	NA	ND(0.000013) X	ND(0.00000012)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000017) X	ND(0.00000014)	NA
1,2,3,6,7,8-HxCDD	NA	0.000010	ND(0.00000013)	NA
1,2,3,7,8,9-HxCDD	NA	0.0000057 J	ND(0.00000013)	NA
HxCDDs (total)	NA	0.000075 J	ND(0.00000013)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00026	0.0000021 J	NA
HpCDDs (total)	NA	0.00046	0.0000035 J	NA
OCDD	NA	0.0025	0.000026	NA
Total TEQs (WHO TEFs)	NA	0.000019	0.00000032	NA
Inorganics				
Antimony	NA	ND(9.60) J	ND(7.20) J	NA
Arsenic	NA	4.30	0.710 B	NA
Barium	NA	50.9	14.9 B	NA
Beryllium	NA	0.550 B	0.210 B	NA
Cadmium	NA	ND(0.800)	ND(0.600)	NA
Chromium	NA	21.3	4.60	NA
Cobalt	NA	8.50	3.50 B	NA
Copper	NA	24.9	3.1	NA
Cyanide	NA	ND(0.350)	ND(0.600)	NA
Lead	NA	46.2	2.10	NA
Mercury	NA	0.190 J	ND(0.0400) J	NA
Nickel	NA	17.1	7.00	NA
Selenium	NA	ND(0.800)	ND(0.600)	NA
Silver	NA	ND(1.60)	ND(1.20)	NA
Sulfide	NA	ND(16.0)	ND(12.0)	NA
Thallium	NA	1.20 J	ND(1.20) J	NA
Tin	NA	ND(6.90)	ND(3.30)	NA
Vanadium	NA	17.6	5.10 B	NA
Zinc	NA	90.3	27.2	NA

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J4	RAA15-J4
Sample ID:	RAA15-J4	RAA15-J4
Sample Depth(Feet):	6-8	6-10
Parameter / Date Collected:	03/05/03	03/05/03
Volatile Organics		
1,1,1,2-Tetrachloroethane	ND(0.0048) [ND(0.0050)]	NA
1,1,1-Trichloroethane	ND(0.0048) [ND(0.0050)]	NA
1,1,2,2-Tetrachloroethane	ND(0.0048) [ND(0.0050)]	NA
1,1,2-Trichloroethane	ND(0.0048) [ND(0.0050)]	NA
1,1-Dichloroethane	ND(0.0048) [ND(0.0050)]	NA
1,1-Dichloroethene	ND(0.0048) [ND(0.0050)]	NA
1,2,3-Trichloropropane	ND(0.0048) [ND(0.0050)]	NA
1,2-Dibromo-3-chloropropane	ND(0.0048) [ND(0.0050)]	NA
1,2-Dibromoethane	ND(0.0048) [ND(0.0050)]	NA
1,2-Dichloroethane	ND(0.0048) [ND(0.0050)]	NA
1,2-Dichloropropane	ND(0.0048) [ND(0.0050)]	NA
1,4-Dioxane	ND(0.95) J [ND(0.99) J]	NA
2-Butanone	ND(0.0048) J [ND(0.0050) J]	NA
2-Chloro-1,3-butadiene	ND(0.0048) J [ND(0.0050) J]	NA
2-Chloroethylvinylether	ND(0.0095) J [ND(0.0099) J]	NA
2-Hexanone	ND(0.019) [ND(0.020)]	NA
3-Chloropropene	ND(0.0048) [ND(0.0050)]	NA
4-Methyl-2-pentanone	ND(0.019) [ND(0.020)]	NA
Acetone	ND(0.019) J [ND(0.020) J]	NA
Acetonitrile	ND(0.095) [ND(0.099)]	NA
Acrolein	ND(0.095) J [ND(0.099) J]	NA
Acrylonitrile	ND(0.095) J [ND(0.099) J]	NA
Benzene	ND(0.0048) [ND(0.0050)]	NA
Bromodichloromethane	ND(0.0048) [ND(0.0050)]	NA
Bromoform	ND(0.0048) [ND(0.0050)]	NA
Bromomethane	ND(0.0048) [ND(0.0050)]	NA
Carbon Disulfide	ND(0.0048) [ND(0.0050)]	NA
Carbon Tetrachloride	ND(0.0048) [ND(0.0050)]	NA
Chlorobenzene	ND(0.0048) [ND(0.0050)]	NA
Chloroethane	ND(0.0095) [ND(0.0099)]	NA
Chloroform	ND(0.0048) [ND(0.0050)]	NA
Chloromethane	ND(0.0048) [ND(0.0050)]	NA
cis-1,3-Dichloropropene	ND(0.0048) [ND(0.0050)]	NA
Dibromochloromethane	ND(0.0048) [ND(0.0050)]	NA
Dibromomethane	ND(0.0048) [ND(0.0050)]	NA
Dichlorodifluoromethane	ND(0.0048) [ND(0.0050)]	NA
Ethyl Methacrylate	ND(0.0048) J [ND(0.0050) J]	NA
Ethylbenzene	ND(0.0048) [ND(0.0050)]	NA
Iodomethane	ND(0.0048) [ND(0.0050)]	NA
Isobutanol	ND(0.19) J [ND(0.20) J]	NA
Methacrylonitrile	ND(0.0048) [ND(0.0050)]	NA
Methyl Methacrylate	ND(0.0048) [ND(0.0050)]	NA
Methylene Chloride	ND(0.0048) [ND(0.0050)]	NA
Propionitrile	ND(0.0095) [ND(0.0099)]	NA
Styrene	ND(0.0048) [ND(0.0050)]	NA
Tetrachloroethene	ND(0.0048) [ND(0.0050)]	NA
Toluene	ND(0.0048) [ND(0.0050)]	NA
trans-1,2-Dichloroethene	ND(0.0048) [ND(0.0050)]	NA
trans-1,3-Dichloropropene	ND(0.0048) [ND(0.0050)]	NA
trans-1,4-Dichloro-2-butene	ND(0.0048) [ND(0.0050)]	NA
Trichloroethene	ND(0.0048) [ND(0.0050)]	NA
Trichlorofluoromethane	ND(0.0048) [ND(0.0050)]	NA
Vinyl Acetate	ND(0.0048) [ND(0.0050)]	NA
Vinyl Chloride	ND(0.0095) [ND(0.0099)]	NA
Xylenes (total)	ND(0.0048) [ND(0.0050)]	NA

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-J4 / RAA15-J4 / 6-8 / 03/05/03	RAA15-J4 / RAA15-J4 / 6-10 / 03/05/03
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene		NA	ND(0.38) [ND(0.38)]
1,2,4-Trichlorobenzene		NA	ND(0.38) [ND(0.38)]
1,2-Dichlorobenzene		NA	ND(0.38) [ND(0.38)]
1,2-Diphenylhydrazine		NA	ND(0.38) [ND(0.38)]
1,3,5-Trinitrobenzene		NA	ND(1.9) [ND(1.8)]
1,3-Dichlorobenzene		NA	ND(0.38) [ND(0.38)]
1,3-Dinitrobenzene		NA	ND(0.38) [ND(0.38)]
1,4-Dichlorobenzene		NA	ND(0.38) [ND(0.38)]
1,4-Naphthoquinone		NA	ND(1.9) [ND(1.8)]
1-Naphthylamine		NA	ND(0.38) [ND(0.38)]
2,3,4,6-Tetrachlorophenol		NA	ND(0.38) [ND(0.38)]
2,4,5-Trichlorophenol		NA	ND(0.38) [ND(0.38)]
2,4,6-Trichlorophenol		NA	ND(0.38) [ND(0.38)]
2,4-Dichlorophenol		NA	ND(0.38) [ND(0.38)]
2,4-Dimethylphenol		NA	ND(0.38) [ND(0.38)]
2,4-Dinitrophenol		NA	ND(1.9) [ND(1.8)]
2,4-Dinitrotoluene		NA	ND(0.38) [ND(0.38)]
2,6-Dichlorophenol		NA	ND(0.38) [ND(0.38)]
2,6-Dinitrotoluene		NA	ND(0.38) [ND(0.38)]
2-Acetylaminofluorene		NA	ND(0.77) [ND(0.76)]
2-Chloronaphthalene		NA	ND(0.38) [ND(0.38)]
2-Chlorophenol		NA	ND(0.38) [ND(0.38)]
2-Methylnaphthalene		NA	ND(0.38) [ND(0.38)]
2-Methylphenol		NA	ND(0.38) [ND(0.38)]
2-Naphthylamine		NA	ND(0.38) [ND(0.38)]
2-Nitroaniline		NA	ND(1.9) [ND(1.8)]
2-Nitrophenol		NA	ND(0.38) [ND(0.38)]
2-Picoline		NA	ND(0.77) [ND(0.76)]
3&4-Methylphenol		NA	ND(0.77) [ND(0.76)]
3,3'-Dichlorobenzidine		NA	ND(1.9) [ND(1.8)]
3,3'-Dimethylbenzidine		NA	ND(1.9) [ND(1.8)]
3-Methylcholanthrene		NA	ND(1.9) [ND(1.8)]
3-Nitroaniline		NA	ND(1.9) [ND(1.8)]
4,6-Dinitro-2-methylphenol		NA	ND(1.9) [ND(1.8)]
4-Aminobiphenyl		NA	ND(1.9) [ND(1.8)]
4-Bromophenyl-phenylether		NA	ND(0.38) [ND(0.38)]
4-Chloro-3-Methylphenol		NA	ND(0.38) [ND(0.38)]
4-Chloroaniline		NA	ND(0.38) [ND(0.38)]
4-Chlorobenzilate		NA	ND(0.38) [ND(0.38)]
4-Chlorophenyl-phenylether		NA	ND(0.38) [ND(0.38)]
4-Nitroaniline		NA	ND(1.9) [ND(1.8)]
4-Nitrophenol		NA	ND(1.9) [ND(1.8)]
4-Nitroquinoline-1-oxide		NA	ND(3.8) [ND(3.8)]
4-Phenylenediamine		NA	ND(7.7) [ND(7.6)]
5-Nitro-o-toluidine		NA	ND(0.77) [ND(0.76)]
7,12-Dimethylbenz(a)anthracene		NA	ND(0.77) [ND(0.76)]
a,a'-Dimethylphenethylamine		NA	ND(1.9) [ND(1.8)]
Acenaphthene		NA	ND(0.38) [ND(0.38)]
Acenaphthylene		NA	ND(0.38) [ND(0.38)]
Acetophenone		NA	ND(0.38) [ND(0.38)]
Aniline		NA	ND(0.38) [ND(0.38)]
Anthracene		NA	ND(0.38) [ND(0.38)]
Aramite		NA	ND(1.9) [ND(1.8)]
Benzidine		NA	ND(3.8) [ND(3.8)]
Benzo(a)anthracene		NA	ND(0.38) [ND(0.38)]
Benzo(a)pyrene		NA	ND(0.38) [ND(0.38)]
Benzo(b)fluoranthene		NA	ND(0.38) [ND(0.38)]

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-J4 / RAA15-J4 / 6-8 / 03/05/03	RAA15-J4 / RAA15-J4 / 6-10 / 03/05/03
Semivolatile Organics (continued)			
Benzo(g,h,i)perylene		NA	ND(0.38) [ND(0.38)]
Benzo(k)fluoranthene		NA	ND(0.38) [ND(0.38)]
Benzyl Alcohol		NA	ND(0.38) [ND(0.38)]
bis(2-Chloroethoxy)methane		NA	ND(0.38) [ND(0.38)]
bis(2-Chloroethyl)ether		NA	ND(0.38) [ND(0.38)]
bis(2-Chloroisopropyl)ether		NA	ND(0.38) [ND(0.38)]
bis(2-Ethylhexyl)phthalate		NA	ND(0.38) [ND(0.38)]
Butylbenzylphthalate		NA	ND(0.38) [ND(0.38)]
Chrysene		NA	ND(0.38) [ND(0.38)]
Diallate		NA	ND(0.77) [ND(0.76)]
Dibenzo(a,h)anthracene		NA	ND(0.38) [ND(0.38)]
Dibenzofuran		NA	ND(0.38) [ND(0.38)]
Diethylphthalate		NA	ND(0.38) [ND(0.38)]
Dimethylphthalate		NA	ND(0.38) [ND(0.38)]
Di-n-Butylphthalate		NA	ND(0.38) [ND(0.38)]
Di-n-Octylphthalate		NA	ND(0.38) [ND(0.38)]
Diphenylamine		NA	ND(0.38) [ND(0.38)]
Ethyl Methanesulfonate		NA	ND(0.38) [ND(0.38)]
Fluoranthene		NA	ND(0.38) [ND(0.38)]
Fluorene		NA	ND(0.38) [ND(0.38)]
Hexachlorobenzene		NA	ND(0.38) [ND(0.38)]
Hexachlorobutadiene		NA	ND(0.38) [ND(0.38)]
Hexachlorocyclopentadiene		NA	ND(1.9) [ND(1.8)]
Hexachloroethane		NA	ND(0.38) [ND(0.38)]
Hexachlorophene		NA	ND(7.8) [ND(7.7)]
Hexachloropropene		NA	ND(3.8) [ND(3.8)]
Indeno(1,2,3-cd)pyrene		NA	ND(0.38) [ND(0.38)]
Isodrin		NA	ND(0.38) [ND(0.38)]
Isophorone		NA	ND(0.38) [ND(0.38)]
Isosafrole		NA	ND(0.77) [ND(0.76)]
Methapyrilene		NA	ND(1.9) [ND(1.8)]
Methyl Methanesulfonate		NA	ND(0.38) [ND(0.38)]
Naphthalene		NA	ND(0.38) [ND(0.38)]
Nitrobenzene		NA	ND(0.38) [ND(0.38)]
N-Nitrosodiethylamine		NA	ND(0.38) [ND(0.38)]
N-Nitrosodimethylamine		NA	ND(0.38) [ND(0.38)]
N-Nitroso-di-n-butylamine		NA	ND(0.38) [ND(0.38)]
N-Nitroso-di-n-propylamine		NA	ND(0.38) [ND(0.38)]
N-Nitrosodiphenylamine		NA	ND(0.38) [ND(0.38)]
N-Nitrosomethylethylamine		NA	ND(0.38) [ND(0.38)]
N-Nitrosomorpholine		NA	ND(0.38) [ND(0.38)]
N-Nitrosopiperidine		NA	ND(0.38) [ND(0.38)]
N-Nitrosopyrrolidine		NA	ND(0.38) [ND(0.38)]
o,o,o-Triethylphosphorothioate		NA	ND(1.9) [ND(1.8)]
o-Toluidine		NA	ND(0.77) [ND(0.76)]
p-Dimethylaminoazobenzene		NA	ND(0.77) [ND(0.76)]
Pentachlorobenzene		NA	ND(0.38) [ND(0.38)]
Pentachloroethane		NA	ND(1.9) [ND(1.8)]
Pentachloronitrobenzene		NA	ND(1.9) [ND(1.8)]
Pentachlorophenol		NA	ND(1.9) [ND(1.8)]
Phenacetin		NA	ND(0.77) [ND(0.76)]
Phenanthrene		NA	ND(0.38) [ND(0.38)]
Phenol		NA	ND(0.38) [ND(0.38)]
Pronamide		NA	ND(0.77) [ND(0.76)]
Pyrene		NA	ND(0.38) [ND(0.38)]
Pyridine		NA	ND(0.77) [ND(0.76)]
Safrole		NA	ND(0.77) [ND(0.76)]
Thionazin		NA	ND(1.9) [ND(1.8)]

TABLE E-11
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-J4 / RAA15-J4 / 6-8 / 03/05/03	RAA15-J4 / RAA15-J4 / 6-10 / 03/05/03
Furans			
2,3,7,8-TCDF		NA	ND(0.00000015) [ND(0.00000018)]
TCDFs (total)		NA	ND(0.00000015) [ND(0.0000012) X]
1,2,3,7,8-PeCDF		NA	ND(0.000000083) [ND(0.00000010)]
2,3,4,7,8-PeCDF		NA	ND(0.000000080) [ND(0.000000096)]
PeCDFs (total)		NA	ND(0.000000081) [ND(0.0000036) X]
1,2,3,4,7,8-HxCDF		NA	ND(0.000000054) [ND(0.00000014) X]
1,2,3,6,7,8-HxCDF		NA	0.000000070 J [ND(0.00000015) X]
1,2,3,7,8,9-HxCDF		NA	ND(0.000000063) [ND(0.000000070)]
2,3,4,6,7,8-HxCDF		NA	ND(0.000000057) [ND(0.000000063)]
HxCDFs (total)		NA	ND(0.00000047) X [ND(0.0000035) X]
1,2,3,4,6,7,8-HpCDF		NA	ND(0.00000026) X [0.00000060 J]
1,2,3,4,7,8,9-HpCDF		NA	ND(0.000000098) [ND(0.00000010)]
HpCDFs (total)		NA	ND(0.00000054) X [0.0000013 J]
OCDF		NA	0.00000046 J [0.00000040 J]
Dioxins			
2,3,7,8-TCDD		NA	ND(0.00000019) [ND(0.00000023)]
TCDDs (total)		NA	ND(0.00000019) [ND(0.00000023)]
1,2,3,7,8-PeCDD		NA	ND(0.000000089) [ND(0.000000093)]
PeCDDs (total)		NA	ND(0.000000089) [ND(0.000000093)]
1,2,3,4,7,8-HxCDD		NA	ND(0.000000092) [ND(0.00000011)]
1,2,3,6,7,8-HxCDD		NA	ND(0.000000087) [ND(0.000000099)]
1,2,3,7,8,9-HxCDD		NA	ND(0.000000090) [ND(0.00000010)]
HxCDDs (total)		NA	ND(0.000000089) [ND(0.00000010)]
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000035) X [ND(0.00000012) X]
HpCDDs (total)		NA	ND(0.00000035) X [ND(0.00000030) X]
OCDD		NA	ND(0.0000026) X [0.0000017 J]
Total TEQs (WHO TEFs)		NA	0.00000020 [0.00000024]
Inorganics			
Antimony		NA	ND(7.00) J [ND(6.90) J]
Arsenic		NA	1.20 B [1.20]
Barium		NA	8.10 B [8.60 B]
Beryllium		NA	0.160 B [0.170 B]
Cadmium		NA	ND(0.580) [ND(0.580)]
Chromium		NA	4.70 [4.00]
Cobalt		NA	4.00 B [4.20 B]
Copper		NA	6.3 [6.8]
Cyanide		NA	ND(0.580) [ND(0.580)]
Lead		NA	2.80 [2.80]
Mercury		NA	ND(0.0390) J [0.0190 J]
Nickel		NA	7.50 [7.60]
Selenium		NA	ND(0.580) [ND(0.580)]
Silver		NA	ND(1.20) [ND(1.20)]
Sulfide		NA	ND(11.6) [ND(11.6)]
Thallium		NA	ND(1.20) J [ND(1.20) J]
Tin		NA	ND(3.40) [ND(3.50)]
Vanadium		NA	5.00 B [5.00 B]
Zinc		NA	22.9 [23.5]

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-12
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
AVERAGING AREA K10-12-1

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
Methylene Chloride	0.006	20	No
Toluene	0.003	520	No
Trichloroethene	0.00086	6.1	No
Semivolatile Organics			
Acenaphthene	0.16	28,000	No
Acenaphthylene	0.75	190*	No
Anthracene	0.69	220,000	No
Benzo(a)anthracene	4	3.6	**Yes**
Benzo(a)pyrene	4.1	0.36	**Yes**
Benzo(b)fluoranthene	4	3.6	**Yes**
Benzo(g,h,i)perylene	1.2	190*	No
Benzo(k)fluoranthene	4.1	36	No
Chrysene	4	360	No
Dibenzo(a,h)anthracene	0.39	0.36	**Yes**
Fluoranthene	8	37,000	No
Indeno(1,2,3-cd)pyrene	1.5	3.6	No
Isophorone	45	3,200	No
Phenanthrene	2.1	190*	No
Pyrene	5.4	26,000	No
Inorganics			
Antimony	0.55	750	No
Arsenic	7.8	3	**Yes**
Barium	50.9	100,000	No
Beryllium	0.55	3,400	No
Cadmium	0.078	930	No
Chromium	21.3	450	No
Cobalt	11.2	29,000	No
Copper	28.1	70,000	No
Cyanide	0.24	35*	No
Lead	46.2	1,000	No
Mercury	0.19	560	No
Nickel	23.2	37,000	No
Thallium	1.8	150	No
Vanadium	17.6	13,000	No
Zinc	90.3	100,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-13
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-12-1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G4 0-1 03/04/03	RAA15-J4 0-1 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	0.49	0.42	N/A (See Note 5)	0.46	1	No
Benzo(a)pyrene	0.54	0.47	N/A (See Note 5)	0.51	0.7	No
Benzo(b)fluoranthene	0.52	0.50	N/A (See Note 5)	0.51	1	No
Dibenzo(a,h)anthracene	**0.38**	**0.27**	N/A (See Note 5)	0.33	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000015	0.000019	1.90E-05	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	7.80	4.30	N/A (See Note 5)	6.05	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-14
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-12-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G4 0-1 03/04/03	RAA15-J4 0-1 03/05/03	RAA15-G4 1-3 03/04/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	0.49	0.42	4.0	N/A (See Note 5)	1.64	1	**Yes**
Benzo(a)pyrene	0.54	0.47	4.1	N/A (See Note 5)	1.70	0.7	**Yes**
Benzo(b)fluoranthene	0.52	0.50	4.0	N/A (See Note 5)	1.67	1	**Yes**
Dibenzo(a,h)anthracene	**0.38**	**0.27**	0.39	N/A (See Note 5)	0.35	0.7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	0.0000015	0.000019	0.0000065	1.90E-05	N/A (See Note 5)	5.00E-03	No
Inorganics							
Arsenic	7.80	4.30	4.10	N/A (See Note 5)	5.40	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-15
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-12-1 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G4 1-3 03/04/03	RAA15-G4 3-6 03/04/03	RAA15-J4 3-6 03/05/03	FP-2 4-8 10/05/89
Semivolatile Organics				
Benzo(a)anthracene	4.0	**7.0**	**0.20**	0.26
Benzo(a)pyrene	4.1	**7.0**	**0.20**	0.20
Benzo(b)fluoranthene	4.0	**7.0**	**0.20**	**0.95**
Dibenzo(a,h)anthracene	0.39	**7.0**	**0.20**	**0.95**
Inorganics				
Arsenic	4.10	2.90	0.710	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP Method 1 S-3 (GW-2/GW-3) Soil Standard (See Note 3)	Constituent Exceeds Initial Comparison Criteria? (See Note 4)
Semivolatile Organics			
Benzo(a)anthracene	2.87	4	No
Benzo(a)pyrene	2.88	0.7	**Yes**
Benzo(b)fluoranthene	3.04	4	No
Dibenzo(a,h)anthracene	2.14	0.8	**Yes**
Inorganics			
Arsenic	2.57	30	No

Notes:
1. The constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
2. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
3. The Method 1 S-3 soil standards listed are those associated with GW-2 or GW-3 groundwater (whichever is more stringent).
4. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
5. -- = Constituent not subject to analysis.

TABLE E-16
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-12-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G4 0-1 03/04/03	RAA15-J4 0-1 03/05/03	RAA15-G4 1-3 03/04/03	RAA15-G4 3-6 03/04/03	RAA15-J4 3-6 03/05/03	FP-2 4-8 10/05/89
Semivolatile Organics						
Benzo(a)anthracene	0.49	0.42	4.0	**7.0**	**0.20**	0.26
Benzo(a)pyrene	0.54	0.47	4.1	**7.0**	**0.20**	0.20
Benzo(b)fluoranthene	0.52	0.50	4.0	**7.0**	**0.20**	**0.95**
Dibenzo(a,h)anthracene	**0.38**	**0.27**	0.39	**7.0**	**0.20**	**0.95**
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 8	See Note 8	0.0000065	0.0000016	0.00000032	--
Inorganics						
Arsenic	7.80	4.30	4.10	2.90	0.710	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-J4 6-10 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	**0.19**	N/A (See Note 5)	1.79	4	No
Benzo(a)pyrene	**0.19**	N/A (See Note 5)	1.81	0.7	**Yes**
Benzo(b)fluoranthene	**0.19**	N/A (See Note 5)	1.91	4	No
Dibenzo(a,h)anthracene	**0.19**	N/A (See Note 5)	1.34	0.8	**Yes**
Dioxins/Furans					
Total TEQs (WHO TEFs)	*0.00000024*	6.50E-06	N/A (See Note 5)	2.00E-02	No
Inorganics					
Arsenic	1.20	N/A (See Note 5)	3.50	30	No

See notes on page 2.

TABLE E-16
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-12-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. -- = Constituent not subject to analysis.
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.

TABLE E-17
EXISTING CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
PARCEL K10-12-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	1.79	100	No
Benzo(a)pyrene	1.81	100	No
Benzo(b)fluoranthene	1.91	100	No
Dibenzo(a,h)anthracene	1.34	100	No
Inorganics			
Arsenic	3.50	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Parcel K10-11-1

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TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	J-3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample ID:	ROJ3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample Depth(Feet):	0-0.3	0-1	3-6	4-6
Parameter / Date Collected:	12/10/91	03/07/03	03/07/03	03/07/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.011)	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,1,2,2-Tetrachloroethane	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,1,2-trichloro-1,2,2-trifluoroethane	0.0020 J	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,1-Dichloroethene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,2,3-Trichloropropane	ND(0.016)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,2-Dibromo-3-chloropropane	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,2-Dibromoethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,2-Dichloroethene (total)	ND(0.0050)	NA	NA	NA
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
1,4-Dioxane	NA	ND(1.0) J	NA	ND(1.2) J [ND(1.1) J]
2-Butanone	ND(0.011)	ND(0.0050) J	NA	ND(0.0058) J [ND(0.0057) J]
2-Chloro-1,3-butadiene	NA	ND(0.0050) J	NA	ND(0.0058) J [ND(0.0057) J]
2-Chloroethylvinylether	ND(0.011)	ND(0.010) J	NA	ND(0.012) J [ND(0.011) J]
2-Hexanone	ND(0.016)	ND(0.020)	NA	ND(0.023) [ND(0.023)]
3-Chloropropene	ND(0.016)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
4-Methyl-2-pentanone	ND(0.016)	ND(0.020)	NA	ND(0.023) [ND(0.023)]
Acetone	0.028	ND(0.020) J	NA	ND(0.023) J [ND(0.023) J]
Acetonitrile	NA	ND(0.10)	NA	ND(0.12) [ND(0.11)]
Acrolein	ND(0.099)	ND(0.10) J	NA	ND(0.12) J [ND(0.11) J]
Acrylonitrile	ND(0.13)	ND(0.10) J	NA	ND(0.12) J [ND(0.11) J]
Benzene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Bromodichloromethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Bromoform	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Bromomethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Carbon Disulfide	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Chlorobenzene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Chloroethane	ND(0.011)	ND(0.010)	NA	ND(0.012) [ND(0.011)]
Chloroform	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Chloromethane	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
cis-1,4-Dichloro-2-butene	ND(0.016)	NA	NA	NA
Crotonaldehyde	ND(0.11)	NA	NA	NA
Dibromochloromethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Dibromomethane	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Dichlorodifluoromethane	NA	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Ethyl Methacrylate	ND(0.011)	ND(0.0050) J	NA	ND(0.0058) J [ND(0.0057) J]
Ethylbenzene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Iodomethane	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Isobutanol	NA	ND(0.20) J	NA	ND(0.23) J [ND(0.23) J]
Methacrylonitrile	NA	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Methyl Methacrylate	NA	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Methylene Chloride	0.055 B	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Propionitrile	NA	ND(0.010)	NA	ND(0.012) [ND(0.011)]
Styrene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Tetrachloroethene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Toluene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
trans-1,2-Dichloroethene	NA	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
trans-1,4-Dichloro-2-butene	ND(0.016)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Trichloroethene	ND(0.0050)	ND(0.0050)	NA	0.0015 J [0.0046 J]
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Vinyl Acetate	ND(0.011)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]
Vinyl Chloride	ND(0.011)	ND(0.010)	NA	ND(0.012) [ND(0.011)]
Xylenes (total)	ND(0.0050)	ND(0.0050)	NA	ND(0.0058) [ND(0.0057)]

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	J-3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample ID:	ROJ3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample Depth(Feet):	0-0.3	0-1	3-6	4-6
Parameter / Date Collected:	12/10/91	03/07/03	03/07/03	03/07/03
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	ND(0.36)	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	ND(0.36)	NA	NA	NA
1,2,3-Trichlorobenzene	ND(0.36)	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,2-Dichlorobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,2-Diphenylhydrazine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,3,5-Trichlorobenzene	ND(0.36)	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
1,3-Dichlorobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,3-Dinitrobenzene	NA	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
1,4-Dinitrobenzene	ND(0.72)	NA	NA	NA
1,4-Naphthoquinone	ND(0.72)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
1-Chloronaphthalene	ND(0.36)	NA	NA	NA
1-Methylnaphthalene	ND(0.36)	NA	NA	NA
1-Naphthylamine	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,3,4,6-Tetrachlorophenol	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,4,5-Trichlorophenol	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,4,6-Trichlorophenol	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,4-Dichlorophenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,4-Dimethylphenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,4-Dinitrophenol	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
2,4-Dinitrotoluene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,6-Dichlorophenol	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2,6-Dinitrotoluene	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2-Acetylaminofluorene	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
2-Chloronaphthalene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2-Chlorophenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2-Methylnaphthalene	ND(0.36)	0.046 J	0.031 J [0.024 J]	NA
2-Methylphenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2-Naphthylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2-Nitroaniline	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
2-Nitrophenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
2-Phenylenediamine	ND(0.36)	NA	NA	NA
2-Picoline	ND(0.72)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
3&4-Methylphenol	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
3,3'-Dichlorobenzidine	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
3,3'-Dimethoxybenzidine	ND(0.36)	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.72)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
3-Methylcholanthrene	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
3-Nitroaniline	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
3-Phenylenediamine	ND(0.36)	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	ND(0.36)	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
4-Aminobiphenyl	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
4-Bromophenyl-phenylether	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
4-Chloro-3-Methylphenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
4-Chloroaniline	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
4-Chlorobenzilate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
4-Chlorophenyl-phenylether	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
4-Nitroaniline	ND(0.72)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
4-Nitrophenol	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
4-Nitroquinoline-1-oxide	NA	ND(3.9)	ND(3.8) [ND(3.7)]	NA
4-Phenylenediamine	ND(0.36)	ND(7.7)	ND(7.6) [ND(7.5)]	NA
5-Nitro-o-toluidine	ND(0.72)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
7,12-Dimethylbenz(a)anthracene	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
a,a'-Dimethylphenethylamine	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	J-3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample ID:	ROJ3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample Depth(Feet):	0-0.3	0-1	3-6	4-6
Parameter / Date Collected:	12/10/91	03/07/03	03/07/03	03/07/03
Semivolatile Organics (continued)				
Acenaphthene	0.063 J	ND(0.39)	ND(0.38) [0.048 J]	NA
Acenaphthylene	ND(0.36)	0.31 J	0.11 J [0.075 J]	NA
Acetophenone	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Aniline	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Anthracene	0.10 J	0.19 J	0.082 J [0.14 J]	NA
Aramite	NA	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Benzal chloride	ND(0.36)	NA	NA	NA
Benzidine	ND(0.36)	ND(3.9)	ND(3.8) [ND(3.7)]	NA
Benzo(a)anthracene	0.63	1.2	0.44 [0.41]	NA
Benzo(a)pyrene	0.60 J	1.3	0.50 [0.41]	NA
Benzo(b)fluoranthene	0.65 Z	1.2	0.36 J [0.31 J]	NA
Benzo(g,h,i)perylene	0.35	0.94	0.33 J [0.24 J]	NA
Benzo(k)fluoranthene	0.65 Z	1.0	0.43 [0.35 J]	NA
Benzoic Acid	ND(3.6)	NA	NA	NA
Benzotrichloride	ND(0.72)	NA	NA	NA
Benzyl Alcohol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Benzyl Chloride	ND(0.36)	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
bis(2-Chloroethyl)ether	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
bis(2-Ethylhexyl)phthalate	0.053 J	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Butylbenzylphthalate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Chrysene	0.64	1.4	0.51 [0.46]	NA
Cyclophosphamide	ND(1.7)	NA	NA	NA
Diallate	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Dibenz(a,j)acridine	ND(0.36)	NA	NA	NA
Dibenzo(a,h)anthracene	0.88	0.33 J	0.11 J [0.069 J]	NA
Dibenzofuran	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Diethylphthalate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Dimethylphthalate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Di-n-Butylphthalate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Di-n-Octylphthalate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Diphenylamine	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Ethyl Methacrylate	ND(0.36)	NA	NA	NA
Ethyl Methanesulfonate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Fluoranthene	1.2	1.7	0.71 [0.75]	NA
Fluorene	0.049	ND(0.39)	ND(0.38) [0.044 J]	NA
Hexachlorobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Hexachlorobutadiene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Hexachlorocyclopentadiene	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Hexachloroethane	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Hexachlorophene	NA	ND(7.8) J	ND(7.7) J [ND(7.6) J]	NA
Hexachloropropene	ND(0.36)	ND(3.9)	ND(3.8) [ND(3.7)]	NA
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.35 J [0.26 J]	NA
Isodrin	NA	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Isophorone	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Isosafrole	ND(0.72)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Methapyrilene	ND(0.72)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Methyl Methanesulfonate	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Naphthalene	ND(0.36)	0.062 J	0.050 J [0.032 J]	NA
Nitrobenzene	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitrosodiethylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitrosodimethylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitroso-di-n-butylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitrosodiphenylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitrosomethylethylamine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
N-Nitrosomorpholine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	J-3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample ID:	ROJ3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample Depth(Feet):	0-0.3	0-1	3-6	4-6
Parameter Date Collected:	12/10/91	03/07/03	03/07/03	03/07/03
Semivolatile Organics (continued)				
N-Nitrosopyrrolidine	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
o,o,o-Triethylphosphorothioate	NA	ND(1.9)	ND(1.8) [ND(1.8)]	NA
o-Toluidine	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Paraldehyde	ND(0.36)	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Pentachlorobenzene	ND(0.72)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Pentachloroethane	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Pentachloronitrobenzene	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Pentachlorophenol	ND(0.72)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Phenacetin	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Phenanthrene	0.63	0.95	0.34 J [0.51]	NA
Phenol	ND(0.36)	ND(0.39)	ND(0.38) [ND(0.37)]	NA
Pronamide	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Pyrene	1.0	1.8	0.82 [0.71]	NA
Pyridine	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Safrole	ND(0.36)	ND(0.77)	ND(0.76) [ND(0.75)]	NA
Thionazin	ND(0.36)	ND(1.9)	ND(1.8) [ND(1.8)]	NA
Organophosphate Pesticides				
Dimethoate	ND(0.36)	NA	NA	NA
Furans				
2,3,7,8-TCDF	NA	ND(0.0000022) X	ND(0.0000074) X [ND(0.0000079) X]	NA
TCDFs (total)	NA	ND(0.000041) X	ND(0.000087) X [ND(0.000098) X]	NA
1,2,3,7,8-PeCDF	NA	0.0000013 J	0.0000022 J [ND(0.0000028) X]	NA
2,3,4,7,8-PeCDF	NA	0.0000015 J	0.0000026 J [ND(0.0000026) X]	NA
PeCDFs (total)	NA	ND(0.00010) X	ND(0.000097) XQJ [ND(0.00014) X]	NA
1,2,3,4,7,8-HxCDF	NA	0.0000027 J	0.0000041 J [0.0000032 J]	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.000015) X	ND(0.000011) X [0.0000019 J]	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000015)	0.00000014 J [0.00000018 J]	NA
2,3,4,6,7,8-HxCDF	NA	0.0000010 J	ND(0.0000014) X [ND(0.0000020) X]	NA
HxCDFs (total)	NA	ND(0.000069) XQJ	ND(0.000059) XQJ [ND(0.000079) XQJ]	NA
1,2,3,4,6,7,8-HpCDF	NA	0.0000037 J	0.0000054 J [0.0000079]	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000088) X	0.0000011 J [0.0000013 J]	NA
HpCDFs (total)	NA	ND(0.0000097) X	ND(0.000011) X [ND(0.000018) X]	NA
OCDF	NA	ND(0.0000031)	ND(0.0000040) [0.0000043 J]	NA
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000034)	0.00000085 J [ND(0.00000027)]	NA
TCDDs (total)	NA	ND(0.00000074) X	ND(0.000067) X [ND(0.000016) X]	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000023)	0.0000025 J [0.00000069 J]	NA
PeCDDs (total)	NA	ND(0.0000014) X	ND(0.000039) XQJ [ND(0.000013) X]	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000025)	0.0000016 J [ND(0.00000038) X]	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000024)	0.0000012 J [0.00000066 J]	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000025)	ND(0.0000012) XQJ [ND(0.00000059) XQJ]	NA
HxCDDs (total)	NA	ND(0.0000025) X	ND(0.000020) XQJ [ND(0.000011) XQJ]	NA
1,2,3,4,6,7,8-HpCDD	NA	0.0000010 JQ	0.0000038 J [0.0000027 JQ]	NA
HpCDDs (total)	NA	0.0000023 JQ	0.0000092 J [0.0000075 JQ]	NA
OCDD	NA	0.0000071 J	0.000010 QJ [0.000012 QJ]	NA
Total TEQs (WHO TEFs)	NA	0.0000024	0.0000066 [0.0000028]	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	J-3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample ID:	ROJ3S	RAA15-C4	RAA15-C4	RAA15-C4
Sample Depth(Feet):	0-0.3	0-1	3-6	4-6
Parameter Date Collected:	12/10/91	03/07/03	03/07/03	03/07/03
Inorganics				
Aluminum	5500 *	NA	NA	NA
Antimony	ND(7.70) N	ND(7.00)	0.520 B [ND(6.80)]	NA
Arsenic	5.50 A	5.60	12.4 [8.50]	NA
Barium	28.0 B	29.5	65.6 [71.0]	NA
Beryllium	ND(0.210)	ND(0.550)	0.670 [0.590]	NA
Cadmium	ND(1.10)	ND(0.590)	ND(0.580) [ND(0.0520)]	NA
Calcium	8240 E	NA	NA	NA
Chromium	7.70	8.20	9.20 [7.00]	NA
Cobalt	5.60 B	8.80	9.20 [6.00]	NA
Copper	12.0 N	37.1 J	53.6 J [35.5 J]	NA
Cyanide	ND(0.550)	0.220 B	ND(0.580) [ND(0.570)]	NA
Iron	14400 *	NA	NA	NA
Lead	13.5 *	64.9 J	28.6 J [75.0 J]	NA
Magnesium	4590	NA	NA	NA
Manganese	214 N*	NA	NA	NA
Mercury	ND(0.110)	0.540	1.30 [1.40]	NA
Nickel	9.90	15.0 J	17.3 J [12.4 J]	NA
Potassium	969 B	NA	NA	NA
Selenium	ND(0.870) W	ND(0.590)	ND(0.580) [ND(0.570)]	NA
Silver	ND(1.30) N	ND(1.20)	ND(1.20) [ND(1.10)]	NA
Sodium	166 B	NA	NA	NA
Sulfide	ND(11.0)	28.1	13.8 [ND(11.3)]	NA
Thallium	ND(0.650) W	ND(1.20)	0.700 B [ND(1.10)]	NA
Tin	NA	20.6	ND(8.00) [ND(6.80)]	NA
Vanadium	11.6	10.4	14.7 [10.6]	NA
Zinc	33.0	61.8	74.2 [107]	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D3	RAA15-E4	RAA15-E4	RAA15-E4
Sample ID:	RAA15-D3	RAA15-E4	RAA15-E4	RAA15-E4
Sample Depth(Feet):	0-1	1-3	3-6	4-6
Parameter / Date Collected:	03/10/03	03/07/03	03/07/03	03/07/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,1,2,2-Tetrachloroethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,1-Dichloroethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,1-Dichloroethene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,2,3-Trichloropropane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,2-Dibromo-3-chloropropane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,2-Dibromoethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,2-Dichloroethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
1,4-Dioxane	ND(0.92) J	ND(0.89) J	NA	ND(0.91) J
2-Butanone	ND(0.0046) J	ND(0.0044) J	NA	ND(0.0046) J
2-Chloro-1,3-butadiene	ND(0.0046)	ND(0.0044) J	NA	ND(0.0046) J
2-Chloroethylvinylether	ND(0.0092) J	ND(0.0089) J	NA	ND(0.0091) J
2-Hexanone	ND(0.018) J	ND(0.018)	NA	ND(0.018)
3-Chloropropene	ND(0.0046) J	ND(0.0044)	NA	ND(0.0046)
4-Methyl-2-pentanone	ND(0.018)	ND(0.018)	NA	ND(0.018)
Acetone	ND(0.018) J	ND(0.018) J	NA	ND(0.018) J
Acetonitrile	ND(0.092)	ND(0.089)	NA	ND(0.091)
Acrolein	ND(0.092)	ND(0.089) J	NA	ND(0.091) J
Acrylonitrile	ND(0.092)	ND(0.089) J	NA	ND(0.091) J
Benzene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Bromodichloromethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Bromoform	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Bromomethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Carbon Disulfide	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Carbon Tetrachloride	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Chlorobenzene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Chloroethane	ND(0.0092)	ND(0.0089)	NA	ND(0.0091)
Chloroform	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Chloromethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
cis-1,3-Dichloropropene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Dibromomethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Dichlorodifluoromethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Ethyl Methacrylate	ND(0.0046) J	ND(0.0044) J	NA	ND(0.0046) J
Ethylbenzene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Iodomethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Isobutanol	ND(0.18) J	ND(0.18) J	NA	ND(0.18) J
Methacrylonitrile	ND(0.0046) J	ND(0.0044)	NA	ND(0.0046)
Methyl Methacrylate	ND(0.0046) J	ND(0.0044)	NA	ND(0.0046)
Methylene Chloride	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Propionitrile	ND(0.0092)	ND(0.0089)	NA	ND(0.0091)
Styrene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Tetrachloroethene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Toluene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
trans-1,2-Dichloroethene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
trans-1,3-Dichloropropene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
trans-1,4-Dichloro-2-butene	ND(0.0046) J	ND(0.0044)	NA	ND(0.0046)
Trichloroethene	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Trichlorofluoromethane	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)
Vinyl Acetate	ND(0.0046) J	ND(0.0044)	NA	ND(0.0046)
Vinyl Chloride	ND(0.0092)	ND(0.0089)	NA	ND(0.0091)
Xylenes (total)	ND(0.0046)	ND(0.0044)	NA	ND(0.0046)

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-D3 / RAA15-D3 / 0-1 / 03/10/03	RAA15-E4 / RAA15-E4 / 1-3 / 03/07/03	RAA15-E4 / RAA15-E4 / 3-6 / 03/07/03	RAA15-E4 / RAA15-E4 / 4-6 / 03/07/03
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.71)	2.0	0.42	NA
1,2,4-Trichlorobenzene	ND(0.71)	0.11 J	0.055 J	NA
1,2-Dichlorobenzene	ND(0.71)	ND(0.37)	ND(0.36)	NA
1,2-Diphenylhydrazine	ND(0.71)	ND(0.37)	ND(0.36)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(3.5)	ND(1.8)	ND(1.7)	NA
1,3-Dichlorobenzene	ND(0.71)	ND(0.37)	ND(0.36)	NA
1,3-Dinitrobenzene	ND(0.71)	ND(0.37)	ND(0.36)	NA
1,4-Dichlorobenzene	ND(0.71)	ND(0.37)	ND(0.36)	NA
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	ND(3.5)	ND(1.8)	ND(1.7)	NA
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,3,4,6-Tetrachlorophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,4,5-Trichlorophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,4,6-Trichlorophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,4-Dichlorophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,4-Dimethylphenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,4-Dinitrophenol	ND(3.5)	ND(1.8)	ND(1.7)	NA
2,4-Dinitrotoluene	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,6-Dichlorophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2,6-Dinitrotoluene	ND(0.71)	ND(0.37)	ND(0.36)	NA
2-Acetylaminofluorene	ND(1.4)	ND(0.74)	ND(0.71)	NA
2-Chloronaphthalene	ND(0.71)	ND(0.37)	ND(0.36)	NA
2-Chlorophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2-Methylnaphthalene	0.38 J	ND(0.37)	ND(0.36)	NA
2-Methylphenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2-Naphthylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
2-Nitroaniline	ND(3.5)	ND(1.8)	ND(1.7)	NA
2-Nitrophenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	ND(1.4)	ND(0.74)	ND(0.71)	NA
3&4-Methylphenol	ND(1.4)	ND(0.74)	ND(0.71)	NA
3,3'-Dichlorobenzidine	ND(3.5)	ND(1.8)	ND(1.7)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(3.5)	ND(1.8)	ND(1.7)	NA
3-Methylcholanthrene	ND(3.5)	ND(1.8)	ND(1.7)	NA
3-Nitroaniline	ND(3.5)	ND(1.8)	ND(1.7)	NA
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(3.5)	ND(1.8)	ND(1.7)	NA
4-Aminobiphenyl	ND(3.5)	ND(1.8)	ND(1.7)	NA
4-Bromophenyl-phenylether	ND(0.71)	ND(0.37)	ND(0.36)	NA
4-Chloro-3-Methylphenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
4-Chloroaniline	ND(0.71)	ND(0.37)	ND(0.36)	NA
4-Chlorobenzilate	ND(0.71)	ND(0.37)	ND(0.36)	NA
4-Chlorophenyl-phenylether	ND(0.71)	ND(0.37)	ND(0.36)	NA
4-Nitroaniline	ND(3.5)	ND(1.8)	ND(1.7)	NA
4-Nitrophenol	ND(3.5)	ND(1.8)	ND(1.7)	NA
4-Nitroquinoline-1-oxide	ND(7.1)	ND(3.7)	ND(3.6)	NA
4-Phenylenediamine	ND(14)	ND(7.4)	ND(7.1)	NA
5-Nitro-o-toluidine	ND(1.4)	ND(0.74)	ND(0.71)	NA
7,12-Dimethylbenz(a)anthracene	ND(1.4)	ND(0.74)	ND(0.71)	NA
a,a'-Dimethylphenethylamine	ND(3.5)	ND(1.8)	ND(1.7)	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D3	RAA15-E4	RAA15-E4	RAA15-E4
Sample ID:	RAA15-D3	RAA15-E4	RAA15-E4	RAA15-E4
Sample Depth(Feet):	0-1	1-3	3-6	4-6
Parameter / Date Collected:	03/10/03	03/07/03	03/07/03	03/07/03
Semivolatile Organics (continued)				
Acenaphthene	ND(0.71)	ND(0.37)	ND(0.36)	NA
Acenaphthylene	0.68 J	0.12 J	ND(0.36)	NA
Acetophenone	ND(0.71)	ND(0.37)	ND(0.36)	NA
Aniline	ND(0.71)	ND(0.37)	ND(0.36)	NA
Anthracene	0.35 J	0.13 J	ND(0.36)	NA
Aramite	ND(3.5)	ND(1.8)	ND(1.7)	NA
Benzal chloride	NA	NA	NA	NA
Benzidine	ND(7.1)	ND(3.7)	ND(3.6)	NA
Benzo(a)anthracene	1.1	1.1	0.071 J	NA
Benzo(a)pyrene	1.2	0.97	0.072 J	NA
Benzo(b)fluoranthene	1.1	0.92	0.056 J	NA
Benzo(g,h,i)perylene	0.52 J	0.71	0.075 J	NA
Benzo(k)fluoranthene	1.2	0.81	0.070 J	NA
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	ND(0.71)	ND(0.37)	ND(0.36)	NA
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.71)	ND(0.37)	ND(0.36)	NA
bis(2-Chloroethyl)ether	ND(0.71)	ND(0.37)	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	ND(0.71)	ND(0.37)	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Butylbenzylphthalate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Chrysene	1.3	1.1	0.082 J	NA
Cyclophosphamide	NA	NA	NA	NA
Diallate	ND(1.4)	ND(0.74)	ND(0.71)	NA
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.16 J	0.30 J	ND(0.36)	NA
Dibenzofuran	ND(0.71)	ND(0.37)	ND(0.36)	NA
Diethylphthalate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Dimethylphthalate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Di-n-Butylphthalate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Di-n-Octylphthalate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Diphenylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Fluoranthene	1.7	1.5	0.11 J	NA
Fluorene	0.077 J	ND(0.37)	ND(0.36)	NA
Hexachlorobenzene	ND(0.71)	0.052 J	ND(0.36)	NA
Hexachlorobutadiene	ND(0.71)	ND(0.37)	ND(0.36)	NA
Hexachlorocyclopentadiene	ND(3.5)	ND(1.8)	ND(1.7)	NA
Hexachloroethane	ND(0.71)	ND(0.37)	ND(0.36)	NA
Hexachlorophene	ND(14)	ND(7.5) J	ND(7.2) J	NA
Hexachloropropene	ND(7.1)	ND(3.7)	ND(3.6)	NA
Indeno(1,2,3-cd)pyrene	0.57 J	0.81	0.070 J	NA
Isodrin	ND(0.71)	ND(0.37)	ND(0.36)	NA
Isophorone	ND(0.71)	ND(0.37)	ND(0.36)	NA
Isosafrole	ND(1.4)	ND(0.74)	ND(0.71)	NA
Methapyrilene	ND(3.5)	ND(1.8)	ND(1.7)	NA
Methyl Methanesulfonate	ND(0.71)	ND(0.37)	ND(0.36)	NA
Naphthalene	0.55 J	0.030 J	ND(0.36)	NA
Nitrobenzene	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitrosodiethylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitrosodimethylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitroso-di-n-butylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitroso-di-n-propylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitrosodiphenylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitrosomethylethylamine	ND(0.71)	ND(0.37)	ND(0.36)	NA
N-Nitrosomorpholine	ND(0.71)	ND(0.37)	ND(0.36)	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D3	RAA15-E4	RAA15-E4	RAA15-E4
Sample ID:	RAA15-D3	RAA15-E4	RAA15-E4	RAA15-E4
Sample Depth(Feet):	0-1	1-3	3-6	4-6
Parameter Date Collected:	03/10/03	03/07/03	03/07/03	03/07/03
Semivolatile Organics (continued)				
N-Nitrosopyrrolidine	ND(0.71)	ND(0.37)	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	ND(3.5)	ND(1.8)	ND(1.7)	NA
o-Toluidine	ND(1.4)	ND(0.74)	ND(0.71)	NA
Paraldehyde	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(1.4)	ND(0.74)	ND(0.71)	NA
Pentachlorobenzene	ND(0.71)	0.12 J	ND(0.36)	NA
Pentachloroethane	ND(3.5)	ND(1.8)	ND(1.7)	NA
Pentachloronitrobenzene	ND(3.5)	ND(1.8)	ND(1.7)	NA
Pentachlorophenol	ND(3.5)	ND(1.8)	ND(1.7)	NA
Phenacetin	ND(1.4)	ND(0.74)	ND(0.71)	NA
Phenanthrene	1.1	0.35 J	0.073 J	NA
Phenol	ND(0.71)	ND(0.37)	ND(0.36)	NA
Pronamide	ND(1.4)	ND(0.74)	ND(0.71)	NA
Pyrene	1.6	1.4	0.13 J	NA
Pyridine	ND(1.4)	ND(0.74)	ND(0.71)	NA
Safrole	ND(1.4)	ND(0.74)	ND(0.71)	NA
Thionazin	ND(3.5)	ND(1.8)	ND(1.7)	NA
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	0.0000066	ND(0.00028) X	ND(0.000035)X	NA
TCDFs (total)	ND(0.000054) X	ND(0.0021) XQJ	ND(0.00025) XQJ	NA
1,2,3,7,8-PeCDF	0.0000038 J	0.00027	0.000028	NA
2,3,4,7,8-PeCDF	0.0000040 J	0.00027	0.000025	NA
PeCDFs (total)	ND(0.00010) X	ND(0.0025) XQJ	ND(0.00033) XQJ	NA
1,2,3,4,7,8-HxCDF	ND(0.000019) X	0.00065	0.000066 J	NA
1,2,3,6,7,8-HxCDF	0.0000035 J	ND(0.00023) X	ND(0.000031) X	NA
1,2,3,7,8,9-HxCDF	ND(0.00000031) X	0.000019	0.0000020 J	NA
2,3,4,6,7,8-HxCDF	0.0000019 J	0.000086	0.0000079	NA
HxCDFs (total)	ND(0.000075) XQJ	ND(0.0017) XQJ	ND(0.00023) XQJ	NA
1,2,3,4,6,7,8-HpCDF	0.0000083	0.00040	0.000046	NA
1,2,3,4,7,8,9-HpCDF	0.0000023 J	0.00014	0.000015	NA
HpCDFs (total)	ND(0.000019) X	ND(0.00070) X	ND(0.000081) X	NA
OCDF	0.0000079 J	0.00035	0.000042	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000039)	ND(0.0000015) X	ND(0.00000039) X	NA
TCDDs (total)	ND(0.0000013) X	ND(0.000049) XQJ	ND(0.0000039) X	NA
1,2,3,7,8-PeCDD	ND(0.00000056) X	ND(0.000049) X	ND(0.0000038) X	NA
PeCDDs (total)	ND(0.0000027) X	ND(0.00024) XQJ	ND(0.000014) X	NA
1,2,3,4,7,8-HxCDD	0.00000031 J	0.0000043 J	0.00000047 J	NA
1,2,3,6,7,8-HxCDD	0.00000067 J	0.0000072	ND(0.00000072) X	NA
1,2,3,7,8,9-HxCDD	ND(0.00000079) XQJ	0.0000046 JQ	ND(0.00000044) XQJ	NA
HxCDDs (total)	ND(0.0000071) XQJ	ND(0.00020) XQJ	ND(0.000023) XQJ	NA
1,2,3,4,6,7,8-HpCDD	0.0000045 QJ	0.000039 QJ	0.0000061 QJ	NA
HpCDDs (total)	0.000010 QJ	0.000080 QJ	0.000012 QJ	NA
OCDD	0.000031	0.000099 QJ	0.000037 QJ	NA
Total TEQs (WHO TEFs)	0.0000051	0.00028	0.000028	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-D3 / RAA15-D3 / 0-1 / 03/10/03	RAA15-E4 / RAA15-E4 / 1-3 / 03/07/03	RAA15-E4 / RAA15-E4 / 3-6 / 03/07/03	RAA15-E4 / RAA15-E4 / 4-6 / 03/07/03
Inorganics					
Aluminum		NA	NA	NA	NA
Antimony		0.510 B	0.470 B	ND(6.50)	NA
Arsenic		7.90	3.90	3.80	NA
Barium		37.5 J	39.0	28.9	NA
Beryllium		0.380 B	ND(0.440)	ND(0.430)	NA
Cadmium		ND(0.540)	ND(0.260)	ND(0.160)	NA
Calcium		NA	NA	NA	NA
Chromium		10.6	7.10	8.80	NA
Cobalt		8.70	9.80	6.30	NA
Copper		42.5 J	93.0 J	70.3 J	NA
Cyanide		ND(0.540)	ND(0.560)	0.210 B	NA
Iron		NA	NA	NA	NA
Lead		51.9 J	131 J	86.8 J	NA
Magnesium		NA	NA	NA	NA
Manganese		NA	NA	NA	NA
Mercury		0.790 J	1.60	0.760	NA
Nickel		17.4	14.3 J	12.1 J	NA
Potassium		NA	NA	NA	NA
Selenium		ND(0.540)	ND(0.560)	ND(0.540)	NA
Silver		ND(1.10)	0.100 B	ND(1.10)	NA
Sodium		NA	NA	NA	NA
Sulfide		ND(10.8)	ND(11.2)	ND(10.8)	NA
Thallium		ND(1.10)	ND(1.10)	ND(1.10)	NA
Tin		ND(5.10) J	ND(8.40)	ND(6.80)	NA
Vanadium		13.1	8.70	7.90	NA
Zinc		62.9	124	92.0	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample Depth(Feet):	0-1	1-3	0-1	0-1	0-1
Parameter / Date Collected:	03/10/03	05/05/04	05/05/04	05/05/04	05/05/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0052)	NA	NA	NA	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0052)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0052)	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0052)	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.0052)	NA	NA	NA	NA
1,1-Dichloroethene	ND(0.0052)	NA	NA	NA	NA
1,2,3-Trichloropropane	ND(0.0052)	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0052)	NA	NA	NA	NA
1,2-Dibromoethane	ND(0.0052)	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0052)	NA	NA	NA	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0052)	NA	NA	NA	NA
1,4-Dioxane	ND(1.0) J	NA	NA	NA	NA
2-Butanone	ND(0.0052) J	NA	NA	NA	NA
2-Chloro-1,3-butadiene	ND(0.0052)	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.010) J	NA	NA	NA	NA
2-Hexanone	ND(0.021) J	NA	NA	NA	NA
3-Chloropropene	ND(0.0052) J	NA	NA	NA	NA
4-Methyl-2-pentanone	ND(0.021)	NA	NA	NA	NA
Acetone	ND(0.021) J	NA	NA	NA	NA
Acetonitrile	ND(0.10)	NA	NA	NA	NA
Acrolein	ND(0.10)	NA	NA	NA	NA
Acrylonitrile	ND(0.10)	NA	NA	NA	NA
Benzene	ND(0.0052)	NA	NA	NA	NA
Bromodichloromethane	ND(0.0052)	NA	NA	NA	NA
Bromoform	ND(0.0052)	NA	NA	NA	NA
Bromomethane	ND(0.0052)	NA	NA	NA	NA
Carbon Disulfide	ND(0.0052)	NA	NA	NA	NA
Carbon Tetrachloride	ND(0.0052)	NA	NA	NA	NA
Chlorobenzene	ND(0.0052)	NA	NA	NA	NA
Chloroethane	ND(0.010)	NA	NA	NA	NA
Chloroform	ND(0.0052)	NA	NA	NA	NA
Chloromethane	ND(0.0052)	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0052)	NA	NA	NA	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0052)	NA	NA	NA	NA
Dibromomethane	ND(0.0052)	NA	NA	NA	NA
Dichlorodifluoromethane	ND(0.0052)	NA	NA	NA	NA
Ethyl Methacrylate	ND(0.0052) J	NA	NA	NA	NA
Ethylbenzene	ND(0.0052)	NA	NA	NA	NA
Iodomethane	ND(0.0052)	NA	NA	NA	NA
Isobutanol	ND(0.21) J	NA	NA	NA	NA
Methacrylonitrile	ND(0.0052) J	NA	NA	NA	NA
Methyl Methacrylate	ND(0.0052) J	NA	NA	NA	NA
Methylene Chloride	ND(0.0052)	NA	NA	NA	NA
Propionitrile	ND(0.010)	NA	NA	NA	NA
Styrene	ND(0.0052)	NA	NA	NA	NA
Tetrachloroethene	ND(0.0052)	NA	NA	NA	NA
Toluene	ND(0.0052)	NA	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0052)	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0052)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0052) J	NA	NA	NA	NA
Trichloroethene	ND(0.0052)	NA	NA	NA	NA
Trichlorofluoromethane	ND(0.0052)	NA	NA	NA	NA
Vinyl Acetate	ND(0.0052) J	NA	NA	NA	NA
Vinyl Chloride	ND(0.010)	NA	NA	NA	NA
Xylenes (total)	ND(0.0052)	NA	NA	NA	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample Depth(Feet):	0-1	1-3	0-1	0-1	0-1
Parameter / Date Collected:	03/10/03	05/05/04	05/05/04	05/05/04	05/05/04
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
1,2,4-Trichlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
1,2-Dichlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
1,2-Diphenylhydrazine	ND(15)	ND(0.38) J	ND(0.38) J	ND(0.39) J	ND(0.39) J
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(74)	ND(0.38) J	ND(0.38) J	ND(0.39) J	ND(0.39) J
1,3-Dichlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
1,3-Dinitrobenzene	ND(15)	ND(0.76) J	ND(0.77) J	ND(0.78) J	ND(0.79) J
1,4-Dichlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
2,3,4,6-Tetrachlorophenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,4,5-Trichlorophenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,4,6-Trichlorophenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,4-Dichlorophenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,4-Dimethylphenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,4-Dinitrophenol	ND(74)	ND(1.9)	ND(2.0)	ND(2.0)	ND(2.0)
2,4-Dinitrotoluene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,6-Dichlorophenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2,6-Dinitrotoluene	ND(15)	ND(0.38) J	ND(0.38) J	ND(0.39) J	ND(0.39) J
2-Acetylaminofluorene	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
2-Chloronaphthalene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2-Chlorophenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2-Methylnaphthalene	0.97 J	ND(0.38)	0.082 J	0.11 J	0.29 J
2-Methylphenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
2-Naphthylamine	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
2-Nitroaniline	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J	ND(2.0) J
2-Nitrophenol	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
3&4-Methylphenol	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
3,3'-Dichlorobenzidine	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
3-Methylcholanthrene	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
3-Nitroaniline	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J	ND(2.0) J
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
4-Aminobiphenyl	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
4-Bromophenyl-phenylether	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
4-Chloro-3-Methylphenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
4-Chloroaniline	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
4-Chlorobenzilate	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
4-Chlorophenyl-phenylether	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
4-Nitroaniline	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J	ND(2.0) J
4-Nitrophenol	ND(74)	ND(1.9) J	ND(2.0) J	ND(2.0) J	ND(2.0) J
4-Nitroquinoline-1-oxide	ND(150)	ND(0.76) J	ND(0.77) J	ND(0.78) J	ND(0.79) J
4-Phenylenediamine	ND(300)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
5-Nitro-o-toluidine	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
7,12-Dimethylbenz(a)anthracene	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
a,a'-Dimethylphenethylamine	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample Depth(Feet):	0-1	1-3	0-1	0-1	0-1
Parameter / Date Collected:	03/10/03	05/05/04	05/05/04	05/05/04	05/05/04
Semivolatile Organics (continued)					
Acenaphthene	7.4 J	ND(0.38)	0.093 J	0.62	1.9
Acenaphthylene	ND(15)	0.13 J	0.21 J	ND(0.39)	0.096 J
Acetophenone	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Aniline	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Anthracene	13 J	0.12 J	0.25 J	1.3	2.4
Aramite	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	ND(150)	ND(0.76) J	ND(0.77) J	ND(0.78) J	ND(0.79) J
Benzo(a)anthracene	35	0.29 J	0.58	3.2	4.2
Benzo(a)pyrene	33	0.20 J	0.39	1.7	2.2
Benzo(b)fluoranthene	30	0.19 J	0.33 J	1.6	2.0
Benzo(g,h,i)perylene	12 J	0.17 J	0.30 J	1.0	1.2
Benzo(k)fluoranthene	31	0.19 J	0.36 J	1.6	2.1
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(15)	ND(0.76) J	ND(0.77) J	ND(0.78) J	ND(0.79) J
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
bis(2-Chloroethyl)ether	ND(15)	ND(0.38) J	ND(0.38) J	ND(0.39) J	ND(0.39) J
bis(2-Chloroisopropyl)ether	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(15)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.39)
Butylbenzylphthalate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Chrysene	38	0.36 J	0.64	3.3	4.2
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	4.1 J	ND(0.38)	0.11 J	0.23 J	0.46
Dibenzofuran	3.2 J	ND(0.38)	ND(0.38)	0.22 J	0.83
Diethylphthalate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Dimethylphthalate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Di-n-Butylphthalate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Di-n-Octylphthalate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Diphenylamine	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Fluoranthene	92	0.67	1.2	9.5 E	15
Fluorene	5.6 J	ND(0.38)	ND(0.38)	0.45	1.3
Hexachlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Hexachlorobutadiene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Hexachlorocyclopentadiene	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Hexachloroethane	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Hexachlorophene	ND(310)	ND(0.76) J	ND(0.77) J	ND(0.78) J	ND(0.79) J
Hexachloropropene	ND(150)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Indeno(1,2,3-cd)pyrene	15	0.14 J	0.24 J	0.91	1.1
Isodrin	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Isophorone	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Isosafrole	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
Methapyrilene	ND(74)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
Methyl Methanesulfonate	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Naphthalene	2.6 J	ND(0.38)	0.16 J	0.24 J	1.0
Nitrobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
N-Nitrosodiethylamine	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
N-Nitrosodimethylamine	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
N-Nitroso-di-n-propylamine	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
N-Nitrosodiphenylamine	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
N-Nitrosomethylethylamine	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
N-Nitrosomorpholine	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample Depth(Feet):	0-1	1-3	0-1	0-1	0-1
Parameter / Date Collected:	03/10/03	05/05/04	05/05/04	05/05/04	05/05/04
Semivolatile Organics (continued)					
N-Nitrosopyrrolidine	ND(15)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
o,o,o-Triethylphosphorothioate	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
o-Toluidine	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Paraldehyde	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
Pentachlorobenzene	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Pentachloroethane	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Pentachloronitrobenzene	ND(74)	ND(0.76) J	ND(0.77) J	ND(0.78) J	ND(0.79) J
Pentachlorophenol	ND(74)	ND(1.9)	ND(2.0)	ND(2.0)	ND(2.0)
Phenacetin	ND(30)	ND(0.76)	ND(0.77)	ND(0.78)	ND(0.79)
Phenanthrene	62	0.35 J	0.70	5.6	14
Phenol	ND(15)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Pronamide	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Pyrene	59	0.64	1.2	7.3	12
Pyridine	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Safrole	ND(30)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Thionazin	ND(74)	ND(0.38)	ND(0.38)	ND(0.39)	ND(0.39)
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.000010) X [0.0000053 J]	NA	NA	NA	NA
TCDFs (total)	ND(0.00010) X [ND(0.000049) X]	NA	NA	NA	NA
1,2,3,7,8-PeCDF	0.0000049 J [ND(0.0000029) X]	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.0000061 J [0.0000049 J]	NA	NA	NA	NA
PeCDFs (total)	ND(0.00027) XQJ [ND(0.00013) X]	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000033) X [0.0000068 J]	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	0.0000058 J [ND(0.0000036) X]	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000096) [ND(0.00000072)]	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.0000045 J [0.0000035 J]	NA	NA	NA	NA
HxCDFs (total)	ND(0.00021) X [ND(0.000086) X]	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.000021) X [0.000012 J]	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000053 J [0.0000028 J]	NA	NA	NA	NA
HpCDFs (total)	ND(0.000054) X [0.000029 J]	NA	NA	NA	NA
OCDF	0.000021 J [0.000012 J]	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000020) [ND(0.0000023)]	NA	NA	NA	NA
TCDDs (total)	ND(0.0000020) [ND(0.0000023)]	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000012) [ND(0.00000097)]	NA	NA	NA	NA
PeCDDs (total)	ND(0.0000029) X [ND(0.00000097)]	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000012) [ND(0.0000010)]	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000024) X [ND(0.0000013) X]	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	0.0000032 J [ND(0.0000010)]	NA	NA	NA	NA
HxCDDs (total)	ND(0.000025) X [ND(0.0000076) X]	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.000023 J [0.000015 J]	NA	NA	NA	NA
HpCDDs (total)	0.000052 J [0.000031 J]	NA	NA	NA	NA
OCDD	0.00014 [0.000091 J]	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000090 [0.0000064]	NA	NA	NA	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample ID:	RAA15-E5	RAA15-E5	RAA15-E5NE	RAA15-E5NW	RAA15-E5SE
Sample Depth(Feet):	0-1	1-3	0-1	0-1	0-1
Parameter Date Collected:	03/10/03	05/05/04	05/05/04	05/05/04	05/05/04
Inorganics					
Aluminum	NA	NA	NA	NA	NA
Antimony	0.500 B	NA	NA	NA	NA
Arsenic	3.30	NA	NA	NA	NA
Barium	72.1 J	NA	NA	NA	NA
Beryllium	0.370 B	NA	NA	NA	NA
Cadmium	0.310 B	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA
Chromium	7.60	NA	NA	NA	NA
Cobalt	5.00 B	NA	NA	NA	NA
Copper	41.8 J	NA	NA	NA	NA
Cyanide	0.210 B	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA
Lead	130 J	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA
Mercury	1.70 J	NA	NA	NA	NA
Nickel	10.7	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA
Selenium	ND(0.580)	NA	NA	NA	NA
Silver	0.0990 B	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA
Sulfide	ND(11.5)	NA	NA	NA	NA
Thallium	ND(1.20)	NA	NA	NA	NA
Tin	ND(5.20)	NA	NA	NA	NA
Vanadium	15.1	NA	NA	NA	NA
Zinc	75.3	NA	NA	NA	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample Depth(Feet):	0-1	1-3	6-8	6-10
Parameter / Date Collected:	05/05/04	03/06/03	03/06/03	03/06/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	ND(0.0057)	ND(0.0058)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0057)	ND(0.0058)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0057)	ND(0.0058)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0057)	ND(0.0058)	NA
1,1-Dichloroethane	NA	ND(0.0057)	ND(0.0058)	NA
1,1-Dichloroethene	NA	ND(0.0057)	ND(0.0058)	NA
1,2,3-Trichloropropane	NA	ND(0.0057)	ND(0.0058)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0057)	ND(0.0058)	NA
1,2-Dibromoethane	NA	ND(0.0057)	ND(0.0058)	NA
1,2-Dichloroethane	NA	ND(0.0057)	ND(0.0058)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.0057)	ND(0.0058)	NA
1,4-Dioxane	NA	ND(1.1) J	ND(1.2) J	NA
2-Butanone	NA	ND(0.0057)	ND(0.0058)	NA
2-Chloro-1,3-butadiene	NA	ND(0.0057)	ND(0.0058)	NA
2-Chloroethylvinylether	NA	ND(0.011) J	ND(0.012) J	NA
2-Hexanone	NA	ND(0.023)	ND(0.023)	NA
3-Chloropropene	NA	ND(0.0057)	ND(0.0058)	NA
4-Methyl-2-pentanone	NA	ND(0.023)	ND(0.023)	NA
Acetone	NA	ND(0.023) J	ND(0.023) J	NA
Acetonitrile	NA	ND(0.11)	ND(0.12)	NA
Acrolein	NA	ND(0.11) J	ND(0.12) J	NA
Acrylonitrile	NA	ND(0.11)	ND(0.12)	NA
Benzene	NA	ND(0.0057)	ND(0.0058)	NA
Bromodichloromethane	NA	ND(0.0057)	ND(0.0058)	NA
Bromoform	NA	ND(0.0057)	ND(0.0058)	NA
Bromomethane	NA	ND(0.0057)	ND(0.0058)	NA
Carbon Disulfide	NA	ND(0.0057)	ND(0.0058)	NA
Carbon Tetrachloride	NA	ND(0.0057)	ND(0.0058)	NA
Chlorobenzene	NA	ND(0.0057)	ND(0.0058)	NA
Chloroethane	NA	ND(0.011)	ND(0.012)	NA
Chloroform	NA	ND(0.0057)	ND(0.0058)	NA
Chloromethane	NA	ND(0.0057)	ND(0.0058)	NA
cis-1,3-Dichloropropene	NA	ND(0.0057)	ND(0.0058)	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	NA	ND(0.0057)	ND(0.0058)	NA
Dibromomethane	NA	ND(0.0057)	ND(0.0058)	NA
Dichlorodifluoromethane	NA	ND(0.0057) J	ND(0.0058) J	NA
Ethyl Methacrylate	NA	ND(0.0057)	ND(0.0058)	NA
Ethylbenzene	NA	ND(0.0057)	ND(0.0058)	NA
Iodomethane	NA	ND(0.0057)	ND(0.0058)	NA
Isobutanol	NA	ND(0.23) J	ND(0.23) J	NA
Methacrylonitrile	NA	ND(0.0057)	ND(0.0058)	NA
Methyl Methacrylate	NA	ND(0.0057)	ND(0.0058)	NA
Methylene Chloride	NA	ND(0.0057)	ND(0.0058)	NA
Propionitrile	NA	ND(0.011)	ND(0.012)	NA
Styrene	NA	ND(0.0057)	ND(0.0058)	NA
Tetrachloroethene	NA	ND(0.0057)	ND(0.0058)	NA
Toluene	NA	ND(0.0057)	ND(0.0058)	NA
trans-1,2-Dichloroethene	NA	ND(0.0057)	ND(0.0058)	NA
trans-1,3-Dichloropropene	NA	ND(0.0057)	ND(0.0058)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0057)	ND(0.0058)	NA
Trichloroethene	NA	ND(0.0057)	ND(0.0058)	NA
Trichlorofluoromethane	NA	ND(0.0057)	ND(0.0058)	NA
Vinyl Acetate	NA	ND(0.0057)	ND(0.0058)	NA
Vinyl Chloride	NA	ND(0.011)	ND(0.012)	NA
Xylenes (total)	NA	ND(0.0057)	ND(0.0058)	NA

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample Depth(Feet):	0-1	1-3	6-8	6-10
Parameter / Date Collected:	05/05/04	03/06/03	03/06/03	03/06/03
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
1,2-Dichlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
1,2-Diphenylhydrazine	ND(0.36) J	ND(0.78)	NA	ND(4.6)
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.36) J	ND(3.8)	NA	ND(22)
1,3-Dichlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
1,3-Dinitrobenzene	ND(0.72) J	ND(0.78)	NA	ND(4.6)
1,4-Dichlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	ND(0.72)	ND(3.8)	NA	ND(22)
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	ND(0.72)	ND(0.78)	NA	ND(4.6)
2,3,4,6-Tetrachlorophenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,4,6-Trichlorophenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,4-Dichlorophenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,4-Dimethylphenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,4-Dinitrophenol	ND(1.8)	ND(3.8)	NA	ND(22)
2,4-Dinitrotoluene	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,6-Dichlorophenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2,6-Dinitrotoluene	ND(0.36) J	ND(0.78)	NA	ND(4.6)
2-Acetylaminofluorene	ND(0.72)	ND(1.6)	NA	ND(9.1)
2-Chloronaphthalene	ND(0.36)	ND(0.78)	NA	ND(4.6)
2-Chlorophenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2-Methylnaphthalene	ND(0.36)	0.16 J	NA	ND(4.6)
2-Methylphenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
2-Naphthylamine	ND(0.72)	ND(0.78)	NA	ND(4.6)
2-Nitroaniline	ND(1.8) J	ND(3.8)	NA	ND(22)
2-Nitrophenol	ND(0.72)	ND(0.78)	NA	ND(4.6)
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	ND(0.36)	ND(1.6)	NA	ND(9.1)
3&4-Methylphenol	ND(0.72)	ND(1.6)	NA	ND(9.1)
3,3'-Dichlorobenzidine	ND(0.72)	ND(3.8)	NA	ND(22)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.36)	ND(3.8)	NA	ND(22)
3-Methylcholanthrene	ND(0.72)	ND(3.8)	NA	ND(22)
3-Nitroaniline	ND(1.8) J	ND(3.8)	NA	ND(22)
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.36)	ND(3.8)	NA	ND(22)
4-Aminobiphenyl	ND(0.72)	ND(3.8)	NA	ND(22)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.78)	NA	ND(4.6)
4-Chloro-3-Methylphenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
4-Chloroaniline	ND(0.36)	ND(0.78)	NA	ND(4.6)
4-Chlorobenzilate	ND(0.72)	ND(0.78)	NA	ND(4.6)
4-Chlorophenyl-phenylether	ND(0.36)	ND(0.78)	NA	ND(4.6)
4-Nitroaniline	ND(1.8) J	ND(3.8)	NA	ND(22)
4-Nitrophenol	ND(1.8) J	ND(3.8)	NA	ND(22)
4-Nitroquinoline-1-oxide	ND(0.72) J	ND(7.8)	NA	ND(46)
4-Phenylenediamine	ND(0.72)	ND(16)	NA	ND(91)
5-Nitro-o-toluidine	ND(0.72)	ND(1.6)	NA	ND(9.1)
7,12-Dimethylbenz(a)anthracene	ND(0.72)	ND(1.6)	NA	ND(9.1)
a,a'-Dimethylphenethylamine	ND(0.72)	ND(3.8)	NA	ND(22)

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample Depth(Feet):	0-1	1-3	6-8	6-10
Parameter Date Collected:	05/05/04	03/06/03	03/06/03	03/06/03
Semivolatile Organics (continued)				
Acenaphthene	0.088 J	0.15 J	NA	ND(4.6)
Acenaphthylene	0.083 J	0.30 J	NA	ND(4.6)
Acetophenone	ND(0.36)	ND(0.78)	NA	ND(4.6)
Aniline	ND(0.36)	ND(0.78)	NA	ND(4.6)
Anthracene	0.14 J	0.64 J	NA	ND(4.6)
Aramite	ND(0.72)	ND(3.8)	NA	ND(22)
Benzal chloride	NA	NA	NA	NA
Benzidine	ND(0.72) J	ND(7.8)	NA	ND(46)
Benzo(a)anthracene	0.40	2.4	NA	ND(4.6)
Benzo(a)pyrene	0.25 J	2.3	NA	ND(4.6)
Benzo(b)fluoranthene	0.24 J	2.0	NA	ND(4.6)
Benzo(g,h,i)perylene	0.18 J	1.1	NA	ND(4.6)
Benzo(k)fluoranthene	0.25 J	2.0	NA	ND(4.6)
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	ND(0.72) J	ND(0.78)	NA	ND(4.6)
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.78)	NA	ND(4.6)
bis(2-Chloroethyl)ether	ND(0.36) J	ND(0.78)	NA	ND(4.6)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.78)	NA	ND(4.6)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.78)	NA	ND(4.6)
Butylbenzylphthalate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Chrysene	0.44	2.5	NA	ND(4.6)
Cyclophosphamide	NA	NA	NA	NA
Diallate	ND(0.72)	ND(1.6)	NA	ND(9.1)
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.36)	0.44 J	NA	ND(4.6)
Dibenzofuran	ND(0.36)	0.18 J	NA	ND(4.6)
Diethylphthalate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Dimethylphthalate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Di-n-Butylphthalate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Di-n-Octylphthalate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Diphenylamine	ND(0.36)	ND(0.78)	NA	ND(4.6)
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Fluoranthene	0.99	4.6	NA	ND(4.6)
Fluorene	ND(0.36)	0.21 J	NA	ND(4.6)
Hexachlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
Hexachlorobutadiene	ND(0.36)	ND(0.78)	NA	ND(4.6)
Hexachlorocyclopentadiene	ND(0.36)	ND(3.8)	NA	ND(22)
Hexachloroethane	ND(0.36)	ND(0.78)	NA	ND(4.6)
Hexachlorophene	ND(0.72) J	ND(16) J	NA	ND(93) J
Hexachloropropene	ND(0.36)	ND(7.8)	NA	ND(46)
Indeno(1,2,3-cd)pyrene	0.16 J	1.3	NA	ND(4.6)
Isodrin	ND(0.36)	ND(0.78)	NA	ND(4.6)
Isophorone	ND(0.36)	0.19 J	NA	1.7 J
Isosafrole	ND(0.72)	ND(1.6)	NA	ND(9.1)
Methapyrilene	ND(0.72)	ND(3.8)	NA	ND(22)
Methyl Methanesulfonate	ND(0.36)	ND(0.78)	NA	ND(4.6)
Naphthalene	ND(0.36)	0.21 J	NA	ND(4.6)
Nitrobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
N-Nitrosodiethylamine	ND(0.36)	ND(0.78)	NA	ND(4.6)
N-Nitrosodimethylamine	ND(0.36)	ND(0.78)	NA	ND(4.6)
N-Nitroso-di-n-butylamine	ND(0.72)	ND(0.78)	NA	ND(4.6)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.78)	NA	ND(4.6)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.78)	NA	ND(4.6)
N-Nitrosomethylethylamine	ND(0.72)	ND(0.78)	NA	ND(4.6)
N-Nitrosomorpholine	ND(0.36)	ND(0.78)	NA	ND(4.6)

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample ID:	RAA15-E5SW	RAA15-E6	RAA15-E6	RAA15-E6
Sample Depth(Feet):	0-1	1-3	6-8	6-10
Parameter Date Collected:	05/05/04	03/06/03	03/06/03	03/06/03
Semivolatile Organics (continued)				
N-Nitrosopyrrolidine	ND(0.72)	ND(0.78)	NA	ND(4.6)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(3.8)	NA	ND(22)
o-Toluidine	ND(0.36)	ND(1.6)	NA	ND(9.1)
Paraldehyde	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.72)	ND(1.6)	NA	ND(9.1)
Pentachlorobenzene	ND(0.36)	ND(0.78)	NA	ND(4.6)
Pentachloroethane	ND(0.36)	ND(3.8)	NA	ND(22)
Pentachloronitrobenzene	ND(0.72) J	ND(3.8)	NA	ND(22)
Pentachlorophenol	ND(1.8)	ND(3.8)	NA	ND(22)
Phenacetin	ND(0.72)	ND(1.6)	NA	ND(9.1)
Phenanthrene	0.66	2.4	NA	ND(4.6)
Phenol	ND(0.36)	ND(0.78)	NA	ND(4.6)
Pronamide	ND(0.36)	ND(1.6)	NA	ND(9.1)
Pyrene	0.82	3.3	NA	ND(4.6)
Pyridine	ND(0.36)	ND(1.6)	NA	ND(9.1)
Safrole	ND(0.36)	ND(1.6)	NA	ND(9.1)
Thionazin	ND(0.36)	ND(3.8)	NA	ND(22)
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	NA	ND(0.000014) X	NA	ND(0.0000035) X
TCDFs (total)	NA	ND(0.00026) X	NA	ND(0.000057) X
1,2,3,7,8-PeCDF	NA	0.0000038 J	NA	0.00000074 J
2,3,4,7,8-PeCDF	NA	0.0000057 J	NA	ND(0.00000075) X
PeCDFs (total)	NA	ND(0.00035) X	NA	ND(0.000045) X
1,2,3,4,7,8-HxCDF	NA	ND(0.0000063) X	NA	0.00000099 J
1,2,3,6,7,8-HxCDF	NA	ND(0.000049) X	NA	ND(0.0000046) X
1,2,3,7,8,9-HxCDF	NA	ND(0.00000031) X	NA	ND(0.000000090)
2,3,4,6,7,8-HxCDF	NA	0.0000034 J	NA	0.00000036 J
HxCDFs (total)	NA	ND(0.00023) X	NA	ND(0.000023) X
1,2,3,4,6,7,8-HpCDF	NA	0.000029	NA	0.0000033 J
1,2,3,4,7,8,9-HpCDF	NA	0.0000030 J	NA	0.00000031 J
HpCDFs (total)	NA	ND(0.000080) X	NA	0.0000068 J
OCDF	NA	0.000044	NA	0.0000034 J
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000030) X	NA	ND(0.00000022)
TCDDs (total)	NA	ND(0.0000018) X	NA	ND(0.00000022)
1,2,3,7,8-PeCDD	NA	0.00000077 J	NA	ND(0.00000012)
PeCDDs (total)	NA	ND(0.0000065) X	NA	ND(0.00000069) X
1,2,3,4,7,8-HxCDD	NA	ND(0.00000049) X	NA	ND(0.00000012)
1,2,3,6,7,8-HxCDD	NA	0.0000023 J	NA	0.00000029 J
1,2,3,7,8,9-HxCDD	NA	0.0000015 JQ	NA	ND(0.00000012)
HxCDDs (total)	NA	ND(0.000019) XQJ	NA	ND(0.0000023) X
1,2,3,4,6,7,8-HpCDD	NA	0.000029	NA	0.0000035 J
HpCDDs (total)	NA	0.000094	NA	0.0000066 J
OCDD	NA	0.00038	NA	0.000034
Total TEQs (WHO TEFs)	NA	0.0000088	NA	0.0000011

TABLE E-18
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E5SW / RAA15-E5SW / 0-1 / 05/05/04	RAA15-E6 / RAA15-E6 / 1-3 / 03/06/03	RAA15-E6 / RAA15-E6 / 6-8 / 03/06/03	RAA15-E6 / RAA15-E6 / 6-10 / 03/06/03
Inorganics					
Aluminum		NA	NA	NA	NA
Antimony		NA	ND(7.10)	NA	ND(8.30)
Arsenic		NA	1.40	NA	3.40
Barium		NA	28.6	NA	78.3
Beryllium		NA	0.380 B	NA	0.500 B
Cadmium		NA	ND(0.590)	NA	ND(0.690)
Calcium		NA	NA	NA	NA
Chromium		NA	7.40	NA	15.5
Cobalt		NA	5.80 B	NA	6.30 B
Copper		NA	7.90	NA	15.6
Cyanide		NA	0.290 B	NA	0.260 B
Iron		NA	NA	NA	NA
Lead		NA	3.50	NA	18.0
Magnesium		NA	NA	NA	NA
Manganese		NA	NA	NA	NA
Mercury		NA	0.140	NA	0.150
Nickel		NA	9.70	NA	11.6
Potassium		NA	NA	NA	NA
Selenium		NA	ND(0.590)	NA	ND(0.690)
Silver		NA	ND(1.20)	NA	ND(1.40)
Sodium		NA	NA	NA	NA
Sulfide		NA	ND(11.9)	NA	ND(13.8)
Thallium		NA	ND(1.20)	NA	1.10 B
Tin		NA	ND(3.40)	NA	ND(4.80)
Vanadium		NA	8.80	NA	15.2
Zinc		NA	43.5	NA	54.9

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-19
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCEL K10-11-1

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
1,1,2-trichloro-1,2,2-trifluoroethane	0.002	5,600	No
2-Butanone	0.0085	27,000	No
Acetone	0.12	6,100	No
Carbon Disulfide	0.0013	1,200	No
Methylene Chloride	0.055	20	No
Trichloroethene	0.0046	6.1	No
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	2	320*	No
1,2,4-Trichlorobenzene	0.11	1,700	No
2-Methylnaphthalene	0.97	190*	No
Acenaphthene	7.4	28,000	No
Acenaphthylene	0.68	190*	No
Anthracene	13	220,000	No
Benzo(a)anthracene	35	3.6	**Yes**
Benzo(a)pyrene	33	0.36	**Yes**
Benzo(b)fluoranthene	30	3.6	**Yes**
Benzo(g,h,i)perylene	12	190*	No
Benzo(k)fluoranthene	31	36	No
bis(2-Ethylhexyl)phthalate	0.053	210	No
Chrysene	38	360	No
Dibenzo(a,h)anthracene	4.1	0.36	**Yes**
Dibenzofuran	3.2	3,200	No
Fluoranthene	92	37,000	No
Fluorene	5.6	22,000	No
Hexachlorobenzene	0.052	1.9	No
Indeno(1,2,3-cd)pyrene	15	3.6	**Yes**
Isophorone	1.7	3,200	No
Naphthalene	2.6	190	No
Pentachlorobenzene	0.12	860	No
Phenanthrene	62	190*	No
Pyrene	59	26,000	No
Inorganics			
Aluminum	5,500	100,000	No
Antimony	0.52	750	No
Arsenic	12.4	3	**Yes**
Barium	78.3	100,000	No
Beryllium	0.67	3,400	No
Cadmium	0.31	930	No
Chromium	15.5	450	No
Cobalt	9.8	29,000	No
Copper	93	70,000	No
Cyanide	0.29	35*	No
Iron	14,400	100,000	No
Lead	131	1,000	No
Manganese	214	45,000	No
Mercury	1.7	560	No
Nickel	17.4	37,000	No
Silver	0.1	9,400	No
Sulfide	130	1,200*	No
Thallium	1.1	150	No
Tin	20.6	100,000	No
Vanadium	15.2	13,000	No
Zinc	124	100,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-20
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ3S 0-0.3 12/10/91	RAA15-C4 0-1 03/07/03	RAA15-D3 0-1 03/10/03	RAA15-E5 0-1 03/10/03	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04
Semivolatile Organics							
Benzo(a)anthracene	0.63	1.2	1.1	35	0.58	3.2	4.2
Benzo(a)pyrene	0.60	1.3	1.2	33	0.39	1.7	2.2
Benzo(b)fluoranthene	0.65	1.2	1.1	30	0.33	1.6	2.0
Dibenzo(a,h)anthracene	0.88	0.33	0.16	4.1	0.11	0.23	0.46
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.57	15	0.24	0.91	1.1
Dioxins							
Total TEQs (WHO TEFs)	--	0.0000024	0.0000051	*0.0000090*	--	--	--
Inorganics							
Arsenic	5.50	5.60	7.90	3.30	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5SW 0-1 05/05/04	COMP-E5 0-1 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	0.40	8.68	N/A (See Note 6)	2.90	1	**Yes**
Benzo(a)pyrene	0.25	7.51	N/A (See Note 6)	2.65	0.7	**Yes**
Benzo(b)fluoranthene	0.24	6.83	N/A (See Note 6)	2.45	1	**Yes**
Dibenzo(a,h)anthracene	**0.18**	1.02	N/A (See Note 6)	0.60	0.7	No
Indeno(1,2,3-cd)pyrene	0.16	3.48	N/A (See Note 6)	1.34	1	**Yes**
Dioxins						
Total TEQs (WHO TEFs)	--	--	9.00E-06	N/A (See Note 6)	5.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 6)	5.58	30	No

See notes on page 2.

TABLE E-20
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E5 (0-1'; 3/10/03), RAA15-E5NE (0-1'; 5/5/04), RAA15-E5NW (0-1'; 5/5/04), RAA15-E5SE (0-1'; 5/5/04) and RAA15-E5SW (0-1'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.

TABLE E-21
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ3S 0-0.3 12/10/91	RAA15-C4 0-1 03/07/03	RAA15-D3 0-1 03/10/03	RAA15-E5 0-1 03/10/03	RAA15-E5NE 0-1 05/05/04
Semivolatile Organics					
Benzo(a)anthracene	0.63	1.2	1.1	35	0.58
Benzo(a)pyrene	0.60	1.3	1.2	33	0.39
Benzo(b)fluoranthene	0.65	1.2	1.1	30	0.33
Dibenzo(a,h)anthracene	0.88	0.33	0.16	4.1	0.11
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.57	15	0.24
Dioxins					
Total TEQs (WHO TEFs)	--	0.0000024	0.0000051	*0.0000090*	--
Inorganics					
Arsenic	5.50	5.60	7.90	3.30	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	COMP-E5 0-1 (See Note 1)	RAA15-E4 1-3 03/07/03
Semivolatile Organics					
Benzo(a)anthracene	3.2	4.2	0.40	8.68	1.1
Benzo(a)pyrene	1.7	2.2	0.25	7.51	0.97
Benzo(b)fluoranthene	1.6	2.0	0.24	6.83	0.92
Dibenzo(a,h)anthracene	0.23	0.46	**0.18**	1.02	0.30
Indeno(1,2,3-cd)pyrene	0.91	1.1	0.16	3.48	0.81
Dioxins					
Total TEQs (WHO TEFs)	--	--	--	--	0.00028
Inorganics					
Arsenic	--	--	--	--	3.90

See notes on page 2.

TABLE E-21
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E5 1-3 05/05/04	RAA15-E6 1-3 03/06/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	0.29	2.4	N/A (See Note 6)	2.20	1	**Yes**
Benzo(a)pyrene	0.20	2.3	N/A (See Note 6)	2.01	0.7	**Yes**
Benzo(b)fluoranthene	0.19	2.0	N/A (See Note 6)	1.84	1	**Yes**
Dibenzo(a,h)anthracene	**0.19**	0.44	N/A (See Note 6)	0.47	0.7	No
Indeno(1,2,3-cd)pyrene	0.14	1.3	N/A (See Note 6)	1.08	1	**Yes**
Dioxins						
Total TEQs (WHO TEFs)	--	0.0000088	2.80E-04	N/A (See Note 6)	5.00E-03	No
Inorganics						
Arsenic	--	1.40	N/A (See Note 6)	4.60	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E5 (0-1'; 3/10/03), RAA15-E5NE (0-1'; 5/5/04), RAA15-E5NW (0-1'; 5/5/04), RAA15-E5SE (0-1'; 5/5/04) and RAA15-E5SW (0-1'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.

TABLE E-22
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E4 1-3 03/07/03	RAA15-E5 1-3 05/05/04	RAA15-E6 1-3 03/06/03	RAA15-C4 3-6 03/07/03
Semivolatile Organics				
Benzo(a)anthracene	1.1	0.29	2.4	0.43
Benzo(a)pyrene	0.97	0.20	2.3	0.46
Benzo(b)fluoranthene	0.92	0.19	2.0	0.34
Dibenzo(a,h)anthracene	0.30	**0.19**	0.44	0.090
Indeno(1,2,3-cd)pyrene	0.81	0.14	1.3	0.31
Inorganics				
Arsenic	3.90	--	1.40	10.5

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E4 3-6 03/07/03	Arithmetic Average Concentration (See Note 2)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Initial Comparison Criteria? (See Note 4)
Semivolatile Organics				
Benzo(a)anthracene	0.071	0.86	4	No
Benzo(a)pyrene	0.072	0.80	0.7	**Yes**
Benzo(b)fluoranthene	0.056	0.70	4	No
Dibenzo(a,h)anthracene	**0.18**	0.24	0.8	No
Indeno(1,2,3-cd)pyrene	0.070	0.53	4	No
Inorganics				
Arsenic	3.80	4.90	30	No

Notes:
1. Constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
2. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
3. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
4. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
5. -- = Constituent not subject to analysis.

TABLE E-23
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ3S 0-0.3 12/10/91	RAA15-C4 0-1 03/07/03	RAA15-D3 0-1 03/10/03	RAA15-E5 0-1 03/10/03	RAA15-E5NE 0-1 05/05/04
Semivolatile Organics					
Benzo(a)anthracene	0.63	1.2	1.1	35	0.58
Benzo(a)pyrene	0.60	1.3	1.2	33	0.39
Benzo(b)fluoranthene	0.65	1.2	1.1	30	0.33
Dibenzo(a,h)anthracene	0.88	0.33	0.16	4.1	0.11
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.57	15	0.24
Dioxins					
Total TEQs (WHO TEFs)	--	See Note 9	See Note 9	See Note 9	--
Inorganics					
Arsenic	5.50	5.60	7.90	3.30	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	COMP-E5 0-1 (See Note 1)	RAA15-E4 1-3 03/07/03
Semivolatile Organics					
Benzo(a)anthracene	3.2	4.2	0.40	8.68	1.1
Benzo(a)pyrene	1.7	2.2	0.25	7.51	0.97
Benzo(b)fluoranthene	1.6	2.0	0.24	6.83	0.92
Dibenzo(a,h)anthracene	0.23	0.46	**0.18**	1.02	0.30
Indeno(1,2,3-cd)pyrene	0.91	1.1	0.16	3.48	0.81
Dioxins					
Total TEQs (WHO TEFs)	--	--	--	--	0.00028
Inorganics					
Arsenic	--	--	--	--	3.90

See notes on page 2.

TABLE E-23
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E5 1-3 05/05/04	RAA15-E6 1-3 03/06/03	RAA15-C4 3-6 03/07/03	RAA15-E4 3-6 03/07/03	RAA15-E6 6-10 03/06/03
Semivolatile Organics					
Benzo(a)anthracene	0.29	2.4	0.43	0.071	**2.3**
Benzo(a)pyrene	0.20	2.3	0.46	0.072	**2.3**
Benzo(b)fluoranthene	0.19	2.0	0.34	0.056	**2.3**
Dibenzo(a,h)anthracene	**0.19**	0.44	0.090	**0.18**	**2.3**
Indeno(1,2,3-cd)pyrene	0.14	1.3	0.31	0.070	**2.3**
Dioxins					
Total TEQs (WHO TEFs)	--	0.0000088	*0.0000066*	0.000028	0.0000011
Inorganics					
Arsenic	--	1.40	10.5	3.80	3.40

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-C5 10-15 01/31/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
Benzo(a)anthracene	**0.24**	N/A (See Note 6)	1.68	4	No
Benzo(a)pyrene	**0.24**	N/A (See Note 6)	1.56	0.7	**Yes**
Benzo(b)fluoranthene	**0.24**	N/A (See Note 6)	1.44	4	No
Dibenzo(a,h)anthracene	**0.24**	N/A (See Note 6)	0.56	0.8	No
Indeno(1,2,3-cd)pyrene	**0.24**	N/A (See Note 6)	0.96	4	No
Dioxins					
Total TEQs (WHO TEFs)	0.00000077	2.80E-04	N/A (See Note 6)	2.00E-02	No
Inorganics					
Arsenic	0.76	N/A (See Note 6)	4.61	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E5 (0-1'; 3/10/03), RAA15-E5NE (0-1'; 5/5/04), RAA15-E5NW (0-1'; 5/5/04), RAA15-E5SE (0-1'; 5/5/04) and RAA15-E5SW (0-1'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.
9. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.

TABLE E-24
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ3S 0-0.3 12/10/91	RAA15-C4 0-1 03/07/03	RAA15-D3 0-1 03/10/03	RAA15-E5 0-1 03/10/03	RAA15-E5NE 0-1 05/05/04	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04
Semivolatile Organics							
Benzo(a)anthracene	0.63	1.2	1.1	***0.198***	0.58	3.2	4.2
Benzo(a)pyrene	0.60	1.3	1.2	***0.198***	0.39	1.7	2.2
Benzo(b)fluoranthene	0.65	1.2	1.1	***0.198***	0.33	1.6	2.0
Dibenzo(a,h)anthracene	0.88	0.33	0.16	***0.256***	0.11	0.23	0.46
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.57	***0.256***	0.24	0.91	1.1
Dioxins							
Total TEQs (WHO TEFs)	--	0.0000024	0.0000051	*0.0000090*	--	--	--
Inorganics							
Arsenic	5.50	5.60	7.90	3.30	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5SW 0-1 05/05/04	COMP-E5 0-1 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	0.40	1.72	N/A (See Note 6)	1.16	1	**Yes**
Benzo(a)pyrene	0.25	0.95	N/A (See Note 6)	1.01	0.7	**Yes**
Benzo(b)fluoranthene	0.24	0.87	N/A (See Note 6)	0.96	1	No
Dibenzo(a,h)anthracene	**0.18**	0.25	N/A (See Note 6)	0.40	0.7	No
Indeno(1,2,3-cd)pyrene	0.16	0.53	N/A (See Note 6)	0.60	1	No
Dioxins						
Total TEQs (WHO TEFs)	--	--	9.00E-06	N/A (See Note 6)	5.00E-03	No
Inorganics						
Arsenic	--	--	N/A (See Note 6)	5.58	30	No

See notes on page 2.

TABLE E-24
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E5 (0-1'; 3/10/03), RAA15-E5NE (0-1'; 5/5/04), RAA15-E5NW (0-1'; 5/5/04), RAA15-E5SE (0-1'; 5/5/04) and RAA15-E5SW (0-1'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-25
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ3S 0-0.3 12/10/91	RAA15-C4 0-1 03/07/03	RAA15-D3 0-1 03/10/03	RAA15-E5 0-1 03/10/03	RAA15-E5NE 0-1 05/05/04
Semivolatile Organics					
Benzo(a)anthracene	0.63	1.2	1.1	***0.198***	0.58
Benzo(a)pyrene	0.60	1.3	1.2	***0.198***	0.39
Benzo(b)fluoranthene	0.65	1.2	1.1	***0.198***	0.33
Dibenzo(a,h)anthracene	0.88	0.33	0.16	***0.256***	0.11
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.57	***0.256***	0.24
Dioxins					
Total TEQs (WHO TEFs)	--	0.0000024	0.0000051	*0.0000090*	--
Inorganics					
Arsenic	5.50	5.60	7.90	3.30	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	COMP-E5 0-1 (See Note 1)	RAA15-E4 1-3 03/07/03
Semivolatile Organics					
Benzo(a)anthracene	3.2	4.2	0.40	1.72	1.1
Benzo(a)pyrene	1.7	2.2	0.25	0.95	0.97
Benzo(b)fluoranthene	1.6	2.0	0.24	0.87	0.92
Dibenzo(a,h)anthracene	0.23	0.46	**0.18**	0.25	0.30
Indeno(1,2,3-cd)pyrene	0.91	1.1	0.16	0.53	0.81
Dioxins					
Total TEQs (WHO TEFs)	--	--	--	--	0.00028
Inorganics					
Arsenic	--	--	--	--	3.90

See notes on page 2.

TABLE E-25
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5 1-3 05/05/04	RAA15-E6 1-3 03/06/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	0.29	2.4	N/A (See Note 6)	1.21	1	**Yes**
Benzo(a)pyrene	0.20	2.3	N/A (See Note 6)	1.07	0.7	**Yes**
Benzo(b)fluoranthene	0.19	2.0	N/A (See Note 6)	0.99	1	No
Dibenzo(a,h)anthracene	**0.19**	0.44	N/A (See Note 6)	0.36	0.7	No
Indeno(1,2,3-cd)pyrene	0.14	1.3	N/A (See Note 6)	0.66	1	No
Dioxins						
Total TEQs (WHO TEFs)	--	0.0000088	2.80E-04	N/A (See Note 6)	5.00E-03	No
Inorganics						
Arsenic	--	1.40	N/A (See Note 6)	4.60	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E5 (0-1'; 3/10/03), RAA15-E5NE (0-1'; 5/5/04), RAA15-E5NW (0-1'; 5/5/04), RAA15-E5SE (0-1'; 5/5/04) and RAA15-E5SW (0-1'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-26
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ3S 0-0.3 12/10/91	RAA15-C4 0-1 03/07/03	RAA15-D3 0-1 03/10/03	RAA15-E5 0-1 03/10/03	RAA15-E5NE 0-1 05/05/04
Semivolatile Organics					
Benzo(a)anthracene	0.63	1.2	1.1	***0.198***	0.58
Benzo(a)pyrene	0.60	1.3	1.2	***0.198***	0.39
Benzo(b)fluoranthene	0.65	1.2	1.1	***0.198***	0.33
Dibenzo(a,h)anthracene	0.88	0.33	0.16	***0.256***	0.11
Indeno(1,2,3-cd)pyrene	0.29	1.0	0.57	***0.256***	0.24
Dioxins					
Total TEQs (WHO TEFs)	--	See Note 9	See Note 9	See Note 9	--
Inorganics					
Arsenic	5.50	5.60	7.90	3.30	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E5NW 0-1 05/05/04	RAA15-E5SE 0-1 05/05/04	RAA15-E5SW 0-1 05/05/04	COMP-E5 0-1 (See Note 1)	RAA15-E4 1-3 03/07/03
Semivolatile Organics					
Benzo(a)anthracene	3.2	4.2	0.40	1.72	1.1
Benzo(a)pyrene	1.7	2.2	0.25	0.95	0.97
Benzo(b)fluoranthene	1.6	2.0	0.24	0.87	0.92
Dibenzo(a,h)anthracene	0.23	0.46	**0.18**	0.25	0.30
Indeno(1,2,3-cd)pyrene	0.91	1.1	0.16	0.53	0.81
Dioxins					
Total TEQs (WHO TEFs)	--	--	--	--	0.00028
Inorganics					
Arsenic	--	--	--	--	3.90

See notes on page 2.

TABLE E-26
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E5 1-3 05/05/04	RAA15-E6 1-3 03/06/03	RAA15-C4 3-6 03/07/03	RAA15-E4 3-6 03/07/03	RAA15-E6 6-10 03/06/03
Semivolatile Organics					
Benzo(a)anthracene	0.29	2.4	0.43	0.071	**2.3**
Benzo(a)pyrene	0.20	2.3	0.46	0.072	**2.3**
Benzo(b)fluoranthene	0.19	2.0	0.34	0.056	**2.3**
Dibenzo(a,h)anthracene	**0.19**	0.44	0.090	**0.18**	**2.3**
Indeno(1,2,3-cd)pyrene	0.14	1.3	0.31	0.070	**2.3**
Dioxins					
Total TEQs (WHO TEFs)	--	0.0000088	*0.0000066*	0.000028	0.0000011
Inorganics					
Arsenic	--	1.40	10.5	3.80	3.40

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-C5 10-15 01/31/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
Benzo(a)anthracene	**0.24**	N/A (See Note 6)	1.04	4	No
Benzo(a)pyrene	**0.24**	N/A (See Note 6)	0.96	0.7	**Yes**
Benzo(b)fluoranthene	**0.24**	N/A (See Note 6)	0.90	4	No
Dibenzo(a,h)anthracene	**0.24**	N/A (See Note 6)	0.49	0.8	No
Indeno(1,2,3-cd)pyrene	**0.24**	N/A (See Note 6)	0.69	4	No
Dioxins					
Total TEQs (WHO TEFs)	0.00000077	2.80E-04	N/A (See Note 6)	2.00E-02	No
Inorganics					
Arsenic	0.76	N/A (See Note 6)	4.61	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E5 (0-1'; 3/10/03), RAA15-E5NE (0-1'; 5/5/04), RAA15-E5NW (0-1'; 5/5/04), RAA15-E5SE (0-1'; 5/5/04) and RAA15-E5SW (0-1'; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.
9. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.
10. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-27
POST-REMEDIATION CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
PARCEL K10-11-1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	1.04	100	No
Benzo(a)pyrene	0.96	100	No
Benzo(b)fluoranthene	0.90	100	No
Dibenzo(a,h)anthracene	0.49	100	No
Indeno(1,2,3-cd)pyrene	0.69	100	No
Inorganics			
Arsenic	4.61	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Parcel K10-11-2

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TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample Depth(Feet):	0-1	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/24/03	02/21/03	02/21/03	02/25/03	02/25/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,1,1-Trichloroethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,1,2,2-Tetrachloroethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,1,2-Trichloroethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,1-Dichloroethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,1-Dichloroethene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,2,3-Trichloropropane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,2-Dibromo-3-chloropropane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,2-Dibromoethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,2-Dichloroethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,2-Dichloropropane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
1,4-Dioxane	ND(1.0) J	NA	ND(0.99) J	ND(0.96) J	ND(0.86) J
2-Butanone	ND(0.0052) J	NA	ND(0.0050)	ND(0.0048) J	ND(0.0043) J
2-Chloro-1,3-butadiene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
2-Chloroethylvinylether	ND(0.010) J	NA	ND(0.0099) J	ND(0.0096) J	ND(0.0086) J
2-Hexanone	ND(0.021) J	NA	ND(0.020)	ND(0.019) J	ND(0.017) J
3-Chloropropene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
4-Methyl-2-pentanone	ND(0.021)	NA	ND(0.020)	ND(0.019)	ND(0.017)
Acetone	ND(0.021) J	NA	ND(0.020)	ND(0.019) J	ND(0.017) J
Acetonitrile	ND(0.10) J	NA	ND(0.099) J	ND(0.096)	ND(0.086)
Acrolein	ND(0.10) J	NA	ND(0.099) J	ND(0.096) J	ND(0.086) J
Acrylonitrile	ND(0.10)	NA	ND(0.099)	ND(0.096)	ND(0.086)
Benzene	ND(0.0052)	NA	0.00050 J	ND(0.0048)	ND(0.0043)
Bromodichloromethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Bromoform	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Bromomethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Carbon Disulfide	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Carbon Tetrachloride	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Chlorobenzene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Chloroethane	ND(0.010)	NA	ND(0.0099)	ND(0.0096)	ND(0.0086)
Chloroform	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Chloromethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
cis-1,3-Dichloropropene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Dibromochloromethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Dibromomethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Dichlorodifluoromethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Ethyl Methacrylate	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Ethylbenzene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Iodomethane	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Isobutanol	ND(0.21) J	NA	ND(0.20) J	ND(0.19) J	ND(0.17) J
Methacrylonitrile	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Methyl Methacrylate	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Methylene Chloride	0.00083 J	NA	ND(0.0050)	ND(0.0048)	0.0024 J
Propionitrile	ND(0.010)	NA	ND(0.0099) J	ND(0.0096)	ND(0.0086)
Styrene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Tetrachloroethene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Toluene	0.00057 J	NA	ND(0.0050)	ND(0.0048)	0.0015 J
trans-1,2-Dichloroethene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
trans-1,3-Dichloropropene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
trans-1,4-Dichloro-2-butene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Trichloroethene	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Trichlorofluoromethane	ND(0.0052)	NA	ND(0.0050) J	ND(0.0048)	ND(0.0043)
Vinyl Acetate	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)
Vinyl Chloride	ND(0.010)	NA	ND(0.0099)	ND(0.0096)	ND(0.0086)
Xylenes (total)	ND(0.0052)	NA	ND(0.0050)	ND(0.0048)	ND(0.0043)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample Depth(Feet):	0-1	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/24/03	02/21/03	02/21/03	02/25/03	02/25/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
1,2,4-Trichlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	1.8
1,2-Dichlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
1,2-Diphenylhydrazine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
1,3,5-Trinitrobenzene	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
1,3-Dichlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
1,3-Dinitrobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
1,4-Dichlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
1,4-Naphthoquinone	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
1-Naphthylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,4,5-Trichlorophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,4,6-Trichlorophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,4-Dichlorophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,4-Dimethylphenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,4-Dinitrophenol	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
2,4-Dinitrotoluene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,6-Dichlorophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2,6-Dinitrotoluene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2-Acetylaminofluorene	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
2-Chloronaphthalene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2-Chlorophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2-Methylnaphthalene	ND(0.37)	1.6	NA	ND(0.71)	0.15 J
2-Methylphenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2-Naphthylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2-Nitroaniline	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
2-Nitrophenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
2-Picoline	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
3&4-Methylphenol	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
3,3'-Dichlorobenzidine	ND(1.8)	ND(7.1)	NA	ND(3.5)	0.95 J
3,3'-Dimethylbenzidine	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
3-Methylcholanthrene	ND(1.8)	ND(7.1)	NA	ND(3.5)	0.29 J
3-Nitroaniline	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
4-Aminobiphenyl	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
4-Bromophenyl-phenylether	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
4-Chloro-3-Methylphenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
4-Chloroaniline	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
4-Chlorobenzilate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
4-Chlorophenyl-phenylether	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
4-Nitroaniline	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
4-Nitrophenol	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
4-Nitroquinoline-1-oxide	ND(3.7)	ND(15)	NA	ND(7.1)	ND(14)
4-Phenylenediamine	ND(7.4)	ND(29)	NA	ND(14)	ND(29)
5-Nitro-o-toluidine	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
7,12-Dimethylbenz(a)anthracene	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
a,a'-Dimethylphenethylamine	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Acenaphthene	ND(0.37)	ND(1.5)	NA	ND(0.71)	1.3 J
Acenaphthylene	ND(0.37)	2.6	NA	ND(0.71)	0.13 J
Acetophenone	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Aniline	ND(0.37)	ND(1.5)	NA	ND(0.71)	0.18 J
Anthracene	ND(0.37)	0.97 J	NA	ND(0.71)	4.1
Aramite	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Benzidine	ND(3.7)	ND(15)	NA	ND(7.1)	ND(14)
Benzo(a)anthracene	0.053 J	1.8	NA	ND(0.71)	9.7
Benzo(a)pyrene	0.054 J	2.9	NA	ND(0.71)	9.6
Benzo(b)fluoranthene	0.055 J	2.0	NA	ND(0.71)	11
Benzo(g,h,i)perylene	ND(0.37)	1.8	NA	ND(0.71)	3.5
Benzo(k)fluoranthene	ND(0.37)	1.9	NA	ND(0.71)	5.2

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample Depth(Feet):	0-1	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/24/03	02/21/03	02/21/03	02/25/03	02/25/03
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
bis(2-Chloroethoxy)methane	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
bis(2-Chloroethyl)ether	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Butylbenzylphthalate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Chrysene	0.061 J	2.2	NA	ND(0.71)	10
Diallate	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Dibenzo(a,h)anthracene	ND(0.37)	0.49 J	NA	ND(0.71)	1.6
Dibenzofuran	ND(0.37)	0.16 J	NA	ND(0.71)	0.70 J
Diethylphthalate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Dimethylphthalate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Di-n-Butylphthalate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Di-n-Octylphthalate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Diphenylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Ethyl Methanesulfonate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Fluoranthene	0.13 J	2.4	NA	ND(0.71)	19
Fluorene	ND(0.37)	0.33 J	NA	ND(0.71)	1.4
Hexachlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Hexachlorobutadiene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Hexachlorocyclopentadiene	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Hexachloroethane	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Hexachlorophene	ND(7.5) J	ND(30) J	NA	ND(14) J	ND(29) J
Hexachloropropene	ND(3.7)	ND(15)	NA	ND(7.1)	ND(14)
Indeno(1,2,3-cd)pyrene	ND(0.37)	1.7	NA	ND(0.71)	4.2
Isodrin	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Isophorone	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Isosafrole	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Methapyrilene	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Methyl Methanesulfonate	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Naphthalene	ND(0.37)	1.9	NA	ND(0.71)	0.27 J
Nitrobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosodiethylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosodimethylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitroso-di-n-butylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosodiphenylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosomethylethylamine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosomorpholine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosopiperidine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
N-Nitrosopyrrolidine	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
o,o,o-Triethylphosphorothioate	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
o-Toluidine	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
p-Dimethylaminoazobenzene	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Pentachlorobenzene	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Pentachloroethane	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Pentachloronitrobenzene	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Pentachlorophenol	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)
Phenacetin	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Phenanthrene	0.075 J	2.3	NA	ND(0.71)	13
Phenol	ND(0.37)	ND(1.5)	NA	ND(0.71)	ND(1.4)
Pronamide	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Pyrene	0.086 J	3.4	NA	ND(0.71)	16
Pyridine	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Safrole	ND(0.74)	ND(2.9)	NA	ND(1.4)	ND(2.9)
Thionazin	ND(1.8)	ND(7.1)	NA	ND(3.5)	ND(7.0)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample ID:	RAA15-A9	RAA15-A15	RAA15-A15	RAA15-B7	RAA15-B11
Sample Depth(Feet):	0-1	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/24/03	02/21/03	02/21/03	02/25/03	02/25/03
Furans					
2,3,7,8-TCDF	ND(0.0000014) X	ND(0.0000028) X	NA	ND(0.00000045) X	ND(0.00014) XJ
TCDFs (total)	ND(0.000020) X	ND(0.000016) X	NA	ND(0.000047) X	ND(0.0011) X
1,2,3,7,8-PeCDF	ND(0.00000066) X	0.00000075 J	NA	0.0000017 J	0.00014 J
2,3,4,7,8-PeCDF	0.0000014 J	0.00000077 J	NA	ND(0.000035) X	0.00018
PeCDFs (total)	ND(0.000050) X	ND(0.0000096) X	NA	ND(0.00022) X	ND(0.0031) XQJ
1,2,3,4,7,8-HxCDF	0.0000029 J	0.00000097 J	NA	0.0000096	0.00075
1,2,3,6,7,8-HxCDF	ND(0.0000046) X	ND(0.00000055) X	NA	ND(0.0000012) X	ND(0.00044) XJ
1,2,3,7,8,9-HxCDF	ND(0.00000014)	ND(0.00000015)	NA	ND(0.00000036)	0.000045 J
2,3,4,6,7,8-HxCDF	0.00000078 J	0.00000023 J	NA	ND(0.00000021) X	0.000069
HxCDFs (total)	ND(0.000044) X	ND(0.0000038) X	NA	ND(0.00026) X	ND(0.0029) X
1,2,3,4,6,7,8-HpCDF	0.0000062	ND(0.00000094) X	NA	0.000079	0.00065
1,2,3,4,7,8,9-HpCDF	0.0000012 J	ND(0.00000022)	NA	ND(0.0000013) X	0.00044
HpCDFs (total)	0.000016	ND(0.0000017) X	NA	ND(0.000084) X	0.0017
OCDF	0.0000075 J	0.0000013 J	NA	0.0000081 J	0.0015
Dioxins					
2,3,7,8-TCDD	ND(0.00000029)	ND(0.00000037)	NA	ND(0.00000036)	ND(0.0000016) X
TCDDs (total)	ND(0.00000029)	ND(0.0000029) X	NA	ND(0.00000036)	ND(0.0000053) X
1,2,3,7,8-PeCDD	ND(0.00000020)	ND(0.00000022)	NA	ND(0.00000054)	ND(0.0000053) X
PeCDDs (total)	ND(0.00000022) X	ND(0.0000031) X	NA	ND(0.0000028) X	ND(0.000052) X
1,2,3,4,7,8-HxCDD	ND(0.00000019)	ND(0.00000024)	NA	ND(0.00000034)	ND(0.0000026) X
1,2,3,6,7,8-HxCDD	ND(0.00000045) X	ND(0.00000023)	NA	ND(0.00000032)	ND(0.0000072)
1,2,3,7,8,9-HxCDD	ND(0.00000028) X	ND(0.00000037) X	NA	ND(0.00000033)	ND(0.0000074)
HxCDDs (total)	ND(0.0000023) X	ND(0.0000027) X	NA	ND(0.0000081) X	ND(0.000078) X
1,2,3,4,6,7,8-HpCDD	0.000010	0.0000011 J	NA	0.0000018 J	0.000040 J
HpCDDs (total)	0.000018	0.0000019 J	NA	ND(0.0000035) X	0.000083 J
OCDD	0.00011	ND(0.0000049)	NA	0.000015 J	0.00026 J
Total TEQs (WHO TEFs)	0.0000019	0.0000011	NA	0.000011	0.00023
Inorganics					
Antimony	ND(6.70)	ND(6.70)	NA	ND(6.50)	ND(6.50)
Arsenic	3.00	5.40	NA	6.70	3.40
Barium	15.7 B	29.0	NA	15.3 J	27.2 J
Beryllium	0.180 B	0.150 B	NA	0.300 B	0.300 B
Cadmium	0.450 B	0.170 B	NA	ND(0.540)	0.110 B
Chromium	4.40 J	6.70	NA	11.7 J	7.30 J
Cobalt	4.30 B	6.40	NA	12.0	4.50 B
Copper	10.6 J	26.6	NA	25.2 J	31.5 J
Cyanide	ND(0.560)	0.210 B	NA	ND(0.540)	ND(0.540)
Lead	12.1 J	20.0	NA	11.5 J	34.4 J
Mercury	0.0180 B	0.0730	NA	0.0200 B	0.130
Nickel	8.30 J	12.8	NA	20.5	9.90
Selenium	ND(0.560)	ND(0.560)	NA	ND(0.540)	ND(0.540)
Silver	ND(1.10)	ND(1.10)	NA	ND(1.10)	ND(1.10)
Sulfide	ND(11.2)	ND(11.2)	NA	ND(10.8)	ND(10.9)
Thallium	ND(1.10) J	ND(1.10) J	NA	0.950 B	ND(1.10)
Tin	ND(2.70)	ND(6.30)	NA	ND(3.40)	ND(4.50)
Vanadium	6.50 J	8.20	NA	11.9	7.50
Zinc	29.1 J	44.6	NA	61.1	51.7

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B15	RAA15-C8	RAA15-C8	RAA15-C11
Sample ID:	RAA15-B15	RAA15-C8	RAA15-C8	RAA15-C11
Sample Depth(Feet):	0-1	6-8	6-10	1-3
Parameter / Date Collected:	02/25/03	02/26/03	02/26/03	02/21/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,1,1-Trichloroethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,1,2,2-Tetrachloroethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,1,2-Trichloroethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,1-Dichloroethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,1-Dichloroethene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,2,3-Trichloropropane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,2-Dibromo-3-chloropropane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,2-Dibromoethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,2-Dichloroethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,2-Dichloropropane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
1,4-Dioxane	ND(0.98) J [ND(1.0) J]	ND(1.1) J	NA	ND(0.90) J
2-Butanone	ND(0.0049) J [ND(0.0050) J]	ND(0.0053) J	NA	ND(0.0045)
2-Chloro-1,3-butadiene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
2-Chloroethylvinylether	ND(0.0098) J [ND(0.010) J]	ND(0.011) J	NA	ND(0.0090) J
2-Hexanone	ND(0.020) J [ND(0.020) J]	ND(0.021) J	NA	ND(0.018)
3-Chloropropene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
4-Methyl-2-pentanone	ND(0.020) [ND(0.020)]	ND(0.021)	NA	ND(0.018)
Acetone	ND(0.020) J [ND(0.020) J]	ND(0.021) J	NA	ND(0.018)
Acetonitrile	ND(0.098) [ND(0.10)]	ND(0.11) J	NA	ND(0.090) J
Acrolein	ND(0.098) J [ND(0.10) J]	ND(0.11) J	NA	ND(0.090) J
Acrylonitrile	ND(0.098) [ND(0.10)]	ND(0.11)	NA	ND(0.090)
Benzene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Bromodichloromethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Bromoform	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Bromomethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Carbon Disulfide	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	0.00069 J
Carbon Tetrachloride	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Chlorobenzene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Chloroethane	ND(0.0098) [ND(0.010)]	ND(0.011)	NA	ND(0.0090)
Chloroform	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Chloromethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
cis-1,3-Dichloropropene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Dibromochloromethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Dibromomethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Dichlorodifluoromethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Ethyl Methacrylate	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Ethylbenzene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Iodomethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Isobutanol	ND(0.20) J [ND(0.20) J]	ND(0.21) J	NA	ND(0.18) J
Methacrylonitrile	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Methyl Methacrylate	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Methylene Chloride	ND(0.0049) [ND(0.0050)]	0.0023 J	NA	ND(0.0045)
Propionitrile	ND(0.0098) [ND(0.010)]	ND(0.011)	NA	ND(0.0090) J
Styrene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Tetrachloroethene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Toluene	ND(0.0049) [ND(0.0050)]	0.0012 J	NA	ND(0.0045)
trans-1,2-Dichloroethene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
trans-1,3-Dichloropropene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
trans-1,4-Dichloro-2-butene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Trichloroethene	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Trichlorofluoromethane	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045) J
Vinyl Acetate	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)
Vinyl Chloride	ND(0.0098) [ND(0.010)]	ND(0.011)	NA	ND(0.0090)
Xylenes (total)	ND(0.0049) [ND(0.0050)]	ND(0.0053)	NA	ND(0.0045)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B15	RAA15-C8	RAA15-C8	RAA15-C11
Sample ID:	RAA15-B15	RAA15-C8	RAA15-C8	RAA15-C11
Sample Depth(Feet):	0-1	6-8	6-10	1-3
Parameter / Date Collected:	02/25/03	02/26/03	02/26/03	02/21/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
1,2,4-Trichlorobenzene	0.29 J [0.27 J]	NA	ND(0.35)	ND(7.7)
1,2-Dichlorobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
1,2-Diphenylhydrazine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
1,3,5-Trinitrobenzene	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
1,3-Dichlorobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
1,3-Dinitrobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
1,4-Dichlorobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
1,4-Naphthoquinone	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
1-Naphthylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,3,4,6-Tetrachlorophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,4,5-Trichlorophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,4,6-Trichlorophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,4-Dichlorophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,4-Dimethylphenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,4-Dinitrophenol	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
2,4-Dinitrotoluene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,6-Dichlorophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2,6-Dinitrotoluene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2-Acetylaminofluorene	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
2-Chloronaphthalene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2-Chlorophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2-Methylnaphthalene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	2.0 J
2-Methylphenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2-Naphthylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2-Nitroaniline	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
2-Nitrophenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
2-Picoline	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
3&4-Methylphenol	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
3,3'-Dichlorobenzidine	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
3,3'-Dimethylbenzidine	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
3-Methylcholanthrene	ND(14) [ND(14)]	NA	ND(1.7)	2.1 J
3-Nitroaniline	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
4,6-Dinitro-2-methylphenol	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
4-Aminobiphenyl	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
4-Bromophenyl-phenylether	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
4-Chloro-3-Methylphenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
4-Chloroaniline	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
4-Chlorobenzilate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
4-Chlorophenyl-phenylether	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
4-Nitroaniline	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
4-Nitrophenol	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
4-Nitroquinoline-1-oxide	ND(29) [ND(29)]	NA	ND(3.5)	ND(77)
4-Phenylenediamine	ND(57) [ND(59)]	NA	ND(7.1)	ND(150)
5-Nitro-o-toluidine	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
7,12-Dimethylbenz(a)anthracene	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
a,a'-Dimethylphenethylamine	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Acenaphthene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	9.7
Acenaphthylene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	0.65 J
Acetophenone	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Aniline	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Anthracene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	27
Aramite	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Benzidine	ND(29) [ND(29)]	NA	ND(3.5)	ND(77)
Benzo(a)anthracene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	86
Benzo(a)pyrene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	71
Benzo(b)fluoranthene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	68
Benzo(g,h,i)perylene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	21
Benzo(k)fluoranthene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	37

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-B15 RAA15-B15 0-1 02/25/03	RAA15-C8 RAA15-C8 6-8 02/26/03	RAA15-C8 RAA15-C8 6-10 02/26/03	RAA15-C11 RAA15-C11 1-3 02/21/03
Semivolatile Organics (continued)				
Benzyl Alcohol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
bis(2-Chloroethoxy)methane	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
bis(2-Chloroethyl)ether	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
bis(2-Chloroisopropyl)ether	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
bis(2-Ethylhexyl)phthalate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Butylbenzylphthalate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Chrysene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	92
Diallate	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Dibenzo(a,h)anthracene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	11
Dibenzofuran	ND(2.9) [ND(2.9)]	NA	ND(0.35)	6.2 J
Diethylphthalate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Dimethylphthalate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Di-n-Butylphthalate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Di-n-Octylphthalate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Diphenylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Ethyl Methanesulfonate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Fluoranthene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	190
Fluorene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	13
Hexachlorobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Hexachlorobutadiene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Hexachlorocyclopentadiene	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Hexachloroethane	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Hexachlorophene	ND(58) J [ND(59) J]	NA	ND(7.2) J	ND(160) J
Hexachloropropene	ND(29) [ND(29)]	NA	ND(3.5)	ND(77)
Indeno(1,2,3-cd)pyrene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	26
Isodrin	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Isophorone	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Isosafrole	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Methapyrilene	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Methyl Methanesulfonate	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Naphthalene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	4.7 J
Nitrobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosodiethylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosodimethylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitroso-di-n-butylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitroso-di-n-propylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosodiphenylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosomethylethylamine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosomorpholine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosopiperidine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
N-Nitrosopyrrolidine	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
o,o,o-Triethylphosphorothioate	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
o-Toluidine	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
p-Dimethylaminoazobenzene	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Pentachlorobenzene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Pentachloroethane	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Pentachloronitrobenzene	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Pentachlorophenol	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)
Phenacetin	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Phenanthrene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	120
Phenol	ND(2.9) [ND(2.9)]	NA	ND(0.35)	ND(7.7)
Pronamide	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Pyrene	ND(2.9) [ND(2.9)]	NA	ND(0.35)	140
Pyridine	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Safrole	ND(5.7) [ND(5.9)]	NA	ND(0.71)	ND(15)
Thionazin	ND(14) [ND(14)]	NA	ND(1.7)	ND(37)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-B15 RAA15-B15 0-1 02/25/03	RAA15-C8 RAA15-C8 6-8 02/26/03	RAA15-C8 RAA15-C8 6-10 02/26/03	RAA15-C11 RAA15-C11 1-3 02/21/03
Furans				
2,3,7,8-TCDF	ND(0.000088) X [ND(0.000090) X]	NA	0.00000074 J	ND(0.000038) X
TCDFs (total)	ND(0.00071) X [ND(0.00081) X]	NA	ND(0.0000079) X	ND(0.00071) X
1,2,3,7,8-PeCDF	0.000096 [0.000086]	NA	ND(0.00000018)	0.000020 J
2,3,4,7,8-PeCDF	0.00012 [0.00011]	NA	ND(0.00000036) X	0.000030 J
PeCDFs (total)	ND(0.0018) X [ND(0.0016) X]	NA	ND(0.000020) X	ND(0.0017) X
1,2,3,4,7,8-HxCDF	ND(0.00057) X [ND(0.00049) X]	NA	0.00000056 J	0.000085
1,2,3,6,7,8-HxCDF	0.000096 [0.000093]	NA	ND(0.0000025) X	ND(0.00021) X
1,2,3,7,8,9-HxCDF	0.000020 J [0.000016 J]	NA	ND(0.00000012)	ND(0.0000044) X
2,3,4,6,7,8-HxCDF	0.000038 J [0.000035]	NA	0.00000029 J	0.000021 J
HxCDFs (total)	ND(0.0016) X [ND(0.0015) X]	NA	ND(0.000017) X	ND(0.0014) X
1,2,3,4,6,7,8-HpCDF	0.00042 [0.00032]	NA	ND(0.0000011) X	0.00012
1,2,3,4,7,8,9-HpCDF	0.00022 [0.00016]	NA	ND(0.00000016)	0.000047 J
HpCDFs (total)	0.00095 [ND(0.00072) X]	NA	ND(0.0000023) X	0.00029
OCDF	0.00084 [0.00052]	NA	0.0000015 J	0.00017
Dioxins				
2,3,7,8-TCDD	ND(0.0000014) [ND(0.0000015)]	NA	ND(0.00000035)	ND(0.0000014)
TCDDs (total)	0.0000020 J [ND(0.0000020) X]	NA	ND(0.00000035)	ND(0.0000029) X
1,2,3,7,8-PeCDD	ND(0.0000026) X [ND(0.0000027) X]	NA	ND(0.00000019)	ND(0.0000047) X
PeCDDs (total)	ND(0.000020) X [ND(0.000040) X]	NA	ND(0.00000019)	ND(0.000036) X
1,2,3,4,7,8-HxCDD	ND(0.0000033) X [ND(0.0000039) X]	NA	ND(0.00000018)	ND(0.0000025) X
1,2,3,6,7,8-HxCDD	ND(0.0000049) X [ND(0.0000043)]	NA	ND(0.00000017)	0.0000055 J
1,2,3,7,8,9-HxCDD	ND(0.0000055) [ND(0.0000050) X]	NA	ND(0.00000018)	ND(0.0000040) X
HxCDDs (total)	ND(0.000053) X [ND(0.000052) X]	NA	ND(0.00000089) X	ND(0.000054) X
1,2,3,4,6,7,8-HpCDD	0.000024 J [0.000020 J]	NA	ND(0.0000013) X	0.000076
HpCDDs (total)	0.000050 J [0.000044 J]	NA	ND(0.00000056)	0.00014
OCDD	0.00013 J [0.000083 J]	NA	0.0000092 J	0.00064
Total TEQs (WHO TEFs)	0.00012 [0.00011]	NA	0.00000069	0.000046
Inorganics				
Antimony	ND(6.50) [ND(6.70)]	NA	ND(6.40) J	ND(7.00)
Arsenic	2.30 [2.90]	NA	2.20	4.30
Barium	17.5 J [25.9 J]	NA	14.4 B	50.1
Beryllium	0.310 B [0.260 B]	NA	ND(0.310)	0.0940 B
Cadmium	ND(0.540) [ND(0.550)]	NA	ND(0.530)	0.440 B
Chromium	4.70 J [7.90 J]	NA	4.20	8.90
Cobalt	4.60 B [5.10 B]	NA	5.20 B	6.00
Copper	20.9 J [25.6 J]	NA	8.60	51.7
Cyanide	ND(0.540) [ND(0.200)]	NA	0.200 B	0.200 B
Lead	15.5 J [27.8 J]	NA	4.50	37.8
Mercury	0.0400 [0.0550]	NA	0.0170 B	0.250
Nickel	8.60 [10.3]	NA	8.50 J	14.1
Selenium	ND(0.540) [ND(0.550)]	NA	ND(0.530) J	ND(0.580)
Silver	ND(1.10) [ND(1.10)]	NA	ND(1.10)	0.210 B
Sulfide	ND(10.8) [ND(11.1)]	NA	ND(10.7)	ND(11.6)
Thallium	ND(1.10) [ND(1.10)]	NA	ND(1.10)	ND(1.20) J
Tin	ND(4.20) [ND(5.60)]	NA	ND(4.10)	ND(6.30)
Vanadium	26.2 [22.1]	NA	ND(5.00)	10.5
Zinc	31.5 [48.5]	NA	28.4	84.3

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	3-6	1-3	1-3	1-3	0-1
Parameter / Date Collected:	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	ND(0.0051)
1,1,1-Trichloroethane	NA	NA	NA	NA	ND(0.0051)
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	ND(0.0051)
1,1,2-Trichloroethane	NA	NA	NA	NA	ND(0.0051)
1,1-Dichloroethane	NA	NA	NA	NA	ND(0.0051)
1,1-Dichloroethene	NA	NA	NA	NA	ND(0.0051)
1,2,3-Trichloropropane	NA	NA	NA	NA	ND(0.0051)
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	ND(0.0051)
1,2-Dibromoethane	NA	NA	NA	NA	ND(0.0051)
1,2-Dichloroethane	NA	NA	NA	NA	ND(0.0051)
1,2-Dichloropropane	NA	NA	NA	NA	ND(0.0051)
1,4-Dioxane	NA	NA	NA	NA	ND(1.0) J
2-Butanone	NA	NA	NA	NA	ND(0.0051) J
2-Chloro-1,3-butadiene	NA	NA	NA	NA	ND(0.0051)
2-Chloroethylvinylether	NA	NA	NA	NA	ND(0.010) J
2-Hexanone	NA	NA	NA	NA	ND(0.020) J
3-Chloropropene	NA	NA	NA	NA	ND(0.0051)
4-Methyl-2-pentanone	NA	NA	NA	NA	ND(0.020)
Acetone	NA	NA	NA	NA	ND(0.020) J
Acetonitrile	NA	NA	NA	NA	ND(0.10)
Acrolein	NA	NA	NA	NA	ND(0.10) J
Acrylonitrile	NA	NA	NA	NA	ND(0.10)
Benzene	NA	NA	NA	NA	ND(0.0051)
Bromodichloromethane	NA	NA	NA	NA	ND(0.0051)
Bromoform	NA	NA	NA	NA	ND(0.0051)
Bromomethane	NA	NA	NA	NA	ND(0.0051)
Carbon Disulfide	NA	NA	NA	NA	ND(0.0051)
Carbon Tetrachloride	NA	NA	NA	NA	ND(0.0051)
Chlorobenzene	NA	NA	NA	NA	ND(0.0051)
Chloroethane	NA	NA	NA	NA	ND(0.010)
Chloroform	NA	NA	NA	NA	ND(0.0051)
Chloromethane	NA	NA	NA	NA	ND(0.0051)
cis-1,3-Dichloropropene	NA	NA	NA	NA	ND(0.0051)
Dibromochloromethane	NA	NA	NA	NA	ND(0.0051)
Dibromomethane	NA	NA	NA	NA	ND(0.0051)
Dichlorodifluoromethane	NA	NA	NA	NA	ND(0.0051)
Ethyl Methacrylate	NA	NA	NA	NA	ND(0.0051)
Ethylbenzene	NA	NA	NA	NA	ND(0.0051)
Iodomethane	NA	NA	NA	NA	ND(0.0051)
Isobutanol	NA	NA	NA	NA	ND(0.20) J
Methacrylonitrile	NA	NA	NA	NA	ND(0.0051)
Methyl Methacrylate	NA	NA	NA	NA	ND(0.0051)
Methylene Chloride	NA	NA	NA	NA	ND(0.0051)
Propionitrile	NA	NA	NA	NA	ND(0.010)
Styrene	NA	NA	NA	NA	ND(0.0051)
Tetrachloroethene	NA	NA	NA	NA	ND(0.0051)
Toluene	NA	NA	NA	NA	ND(0.0051)
trans-1,2-Dichloroethene	NA	NA	NA	NA	ND(0.0051)
trans-1,3-Dichloropropene	NA	NA	NA	NA	ND(0.0051)
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	ND(0.0051)
Trichloroethene	NA	NA	NA	NA	ND(0.0051)
Trichlorofluoromethane	NA	NA	NA	NA	ND(0.0051)
Vinyl Acetate	NA	NA	NA	NA	ND(0.0051)
Vinyl Chloride	NA	NA	NA	NA	ND(0.010)
Xylenes (total)	NA	NA	NA	NA	ND(0.0051)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	3-6	1-3	1-3	1-3	0-1
Parameter / Date Collected:	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,2,4-Trichlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,2-Dichlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,2-Diphenylhydrazine	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(1.6)
1,3,5-Trinitrobenzene	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(7.9)
1,3-Dichlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,3-Dinitrobenzene	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(1.6)
1,4-Dichlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
1,4-Naphthoquinone	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
1-Naphthylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
2,3,4,6-Tetrachlorophenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4,5-Trichlorophenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4,6-Trichlorophenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4-Dichlorophenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4-Dimethylphenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,4-Dinitrophenol	ND(1.9) [ND(1.9)]	ND(1.9)	ND(1.9)	ND(1.9)	ND(7.9)
2,4-Dinitrotoluene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,6-Dichlorophenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2,6-Dinitrotoluene	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(1.6)
2-Acetylaminofluorene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
2-Chloronaphthalene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2-Chlorophenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2-Methylnaphthalene	ND(0.36) [ND(0.37)]	0.69	0.20 J	0.80	ND(1.6)
2-Methylphenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
2-Naphthylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
2-Nitroaniline	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
2-Nitrophenol	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
2-Picoline	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
3&4-Methylphenol	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
3,3'-Dichlorobenzidine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
3,3'-Dimethylbenzidine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
3-Methylcholanthrene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
3-Nitroaniline	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
4,6-Dinitro-2-methylphenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
4-Aminobiphenyl	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
4-Bromophenyl-phenylether	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Chloro-3-Methylphenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Chloroaniline	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Chlorobenzilate	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
4-Chlorophenyl-phenylether	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
4-Nitroaniline	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
4-Nitrophenol	ND(1.9) J [ND(1.9) J]	ND(1.9) J	ND(1.9) J	ND(1.9) J	ND(7.9)
4-Nitroquinoline-1-oxide	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(16)
4-Phenylenediamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(33)
5-Nitro-o-toluidine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
7,12-Dimethylbenz(a)anthracene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
a,a'-Dimethylphenethylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
Acenaphthene	0.14 J [0.15 J]	3.4	1.1	4.2	0.12 J
Acenaphthylene	0.15 J [0.087 J]	0.47	0.47	0.53	0.38 J
Acetophenone	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Aniline	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Anthracene	0.37 [0.43]	12	4.1	10	0.44 J
Aramite	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
Benzidine	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(16)
Benzo(a)anthracene	1.2 [0.93]	26	12	24	1.5 J
Benzo(a)pyrene	0.66 [0.48]	14	6.6	13	1.5 J
Benzo(b)fluoranthene	0.62 [0.38]	14	6.0	12	1.7
Benzo(g,h,i)perylene	0.44 [0.26 J]	6.0	3.6	7.1	0.53 J
Benzo(k)fluoranthene	0.72 [0.47]	18	5.9	14	1.8

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	3-6	1-3	1-3	1-3	0-1
Parameter / Date Collected:	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(1.6)
bis(2-Chloroethoxy)methane	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
bis(2-Chloroethyl)ether	ND(0.36) J [ND(0.37) J]	ND(0.37) J	ND(0.38) J	ND(0.37) J	ND(1.6)
bis(2-Chloroisopropyl)ether	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
bis(2-Ethylhexyl)phthalate	ND(0.36) [ND(0.36)]	ND(0.37)	ND(0.37)	ND(0.37)	ND(1.6)
Butylbenzylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Chrysene	1.2 [0.96]	26	11	24	1.8
Diallate	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Dibenzo(a,h)anthracene	0.14 J [ND(0.37)]	2.3	1.4	2.6	ND(1.6)
Dibenzofuran	ND(0.36) [0.079 J]	2.0	0.62	2.4	ND(1.6)
Diethylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Dimethylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Di-n-Butylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Di-n-Octylphthalate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Diphenylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Ethyl Methanesulfonate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Fluoranthene	2.4 [2.4]	66	29	60	4.2
Fluorene	0.12 J [0.13 J]	4.4	1.3	5.1	ND(1.6)
Hexachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Hexachlorobutadiene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Hexachlorocyclopentadiene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
Hexachloroethane	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Hexachlorophene	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(33) J
Hexachloropropene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(16)
Indeno(1,2,3-cd)pyrene	0.40 [0.25 J]	5.7	3.2	6.5	0.65 J
Isodrin	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Isophorone	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Isosafrole	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Methapyrilene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(7.9)
Methyl Methanesulfonate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Naphthalene	0.13 J [0.15 J]	2.0	0.75	2.1	0.12 J
Nitrobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosodiethylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosodimethylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitroso-di-n-butylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
N-Nitroso-di-n-propylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosodiphenylamine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosomethylethylamine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
N-Nitrosomorpholine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosopiperidine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
N-Nitrosopyrrolidine	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(1.6)
o,o,o-Triethylphosphorothioate	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
o-Toluidine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
p-Dimethylaminoazobenzene	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Pentachlorobenzene	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Pentachloroethane	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)
Pentachloronitrobenzene	ND(0.73) J [ND(0.74) J]	ND(0.75) J	ND(0.75) J	ND(0.74) J	ND(7.9)
Pentachlorophenol	ND(1.9) [ND(1.9)]	ND(1.9)	ND(1.9)	ND(1.9)	ND(7.9)
Phenacetin	ND(0.73) [ND(0.74)]	ND(0.75)	ND(0.75)	ND(0.74)	ND(3.3)
Phenanthrene	1.3 [1.5]	40	13	38	1.7
Phenol	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(1.6)
Pronamide	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
Pyrene	2.1 [1.9]	50	23	46	2.5
Pyridine	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
Safrole	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(3.3)
Thionazin	ND(0.36) [ND(0.37)]	ND(0.37)	ND(0.38)	ND(0.37)	ND(7.9)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample ID:	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW	RAA15-C17
Sample Depth(Feet):	3-6	1-3	1-3	1-3	0-1
Parameter / Date Collected:	05/05/04	05/05/04	05/05/04	05/05/04	02/25/03
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	ND(0.000016) X
TCDFs (total)	NA	NA	NA	NA	ND(0.00015) X
1,2,3,7,8-PeCDF	NA	NA	NA	NA	0.0000076 J
2,3,4,7,8-PeCDF	NA	NA	NA	NA	0.000015 J
PeCDFs (total)	NA	NA	NA	NA	ND(0.00040) X
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	0.000024 J
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.000041) X
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	ND(0.0000015)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	0.0000086 J
HxCDFs (total)	NA	NA	NA	NA	ND(0.00035) X
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	0.000049 J
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	0.000013 J
HpCDFs (total)	NA	NA	NA	NA	ND(0.00014) X
OCDF	NA	NA	NA	NA	0.000094 J
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	ND(0.0000011)
TCDDs (total)	NA	NA	NA	NA	0.0000017 J
1,2,3,7,8-PeCDD	NA	NA	NA	NA	ND(0.0000016) X
PeCDDs (total)	NA	NA	NA	NA	ND(0.0000081) X
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	ND(0.0000022)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	ND(0.0000044) X
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	ND(0.0000046) X
HxCDDs (total)	NA	NA	NA	NA	ND(0.000036) X
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	0.000085
HpCDDs (total)	NA	NA	NA	NA	0.00016
OCDD	NA	NA	NA	NA	0.00062
Total TEQs (WHO TEFs)	NA	NA	NA	NA	0.000018
Inorganics					
Antimony	NA	NA	NA	NA	ND(0.520)
Arsenic	NA	NA	NA	NA	5.90
Barium	NA	NA	NA	NA	47.6 J
Beryllium	NA	NA	NA	NA	0.550 B
Cadmium	NA	NA	NA	NA	0.530 B
Chromium	NA	NA	NA	NA	18.9 J
Cobalt	NA	NA	NA	NA	8.60
Copper	NA	NA	NA	NA	52.0 J
Cyanide	NA	NA	NA	NA	ND(0.290)
Lead	NA	NA	NA	NA	128 J
Mercury	NA	NA	NA	NA	0.140
Nickel	NA	NA	NA	NA	18.3
Selenium	NA	NA	NA	NA	ND(0.620)
Silver	NA	NA	NA	NA	ND(1.20)
Sulfide	NA	NA	NA	NA	ND(12.4)
Thallium	NA	NA	NA	NA	ND(1.20)
Tin	NA	NA	NA	NA	ND(8.20)
Vanadium	NA	NA	NA	NA	24.4
Zinc	NA	NA	NA	NA	165

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample Depth(Feet):	0-1	0-1	1-3	1-3
Parameter / Date Collected:	02/27/03	02/25/03	09/16/04	09/16/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0059)	ND(0.0065)	NA	NA
1,1,1-Trichloroethane	ND(0.0059)	ND(0.0065)	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0065)	NA	NA
1,1,2-Trichloroethane	ND(0.0059)	ND(0.0065)	NA	NA
1,1-Dichloroethane	ND(0.0059)	ND(0.0065)	NA	NA
1,1-Dichloroethene	ND(0.0059)	ND(0.0065)	NA	NA
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0065)	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0065)	NA	NA
1,2-Dibromoethane	ND(0.0059)	ND(0.0065)	NA	NA
1,2-Dichloroethane	ND(0.0059)	ND(0.0065)	NA	NA
1,2-Dichloropropane	ND(0.0059)	ND(0.0065)	NA	NA
1,4-Dioxane	ND(1.2) J	ND(1.3) J	NA	NA
2-Butanone	ND(0.0059) J	ND(0.0065) J	NA	NA
2-Chloro-1,3-butadiene	ND(0.0059)	ND(0.0065)	NA	NA
2-Chloroethylvinylether	ND(0.012) J	ND(0.013) J	NA	NA
2-Hexanone	ND(0.023)	ND(0.026) J	NA	NA
3-Chloropropene	ND(0.0059)	ND(0.0065)	NA	NA
4-Methyl-2-pentanone	ND(0.023)	ND(0.026)	NA	NA
Acetone	ND(0.023) J	ND(0.026) J	NA	NA
Acetonitrile	ND(0.12) J	ND(0.13)	NA	NA
Acrolein	ND(0.12) J	ND(0.13) J	NA	NA
Acrylonitrile	ND(0.12)	ND(0.13)	NA	NA
Benzene	ND(0.0059)	ND(0.0065)	NA	NA
Bromodichloromethane	ND(0.0059)	ND(0.0065)	NA	NA
Bromoform	ND(0.0059)	ND(0.0065)	NA	NA
Bromomethane	ND(0.0059)	ND(0.0065)	NA	NA
Carbon Disulfide	ND(0.0059)	ND(0.0065)	NA	NA
Carbon Tetrachloride	ND(0.0059)	ND(0.0065)	NA	NA
Chlorobenzene	ND(0.0059)	ND(0.0065)	NA	NA
Chloroethane	ND(0.012) J	ND(0.013)	NA	NA
Chloroform	ND(0.0059)	ND(0.0065)	NA	NA
Chloromethane	ND(0.0059)	ND(0.0065)	NA	NA
cis-1,3-Dichloropropene	ND(0.0059)	ND(0.0065)	NA	NA
Dibromochloromethane	ND(0.0059)	ND(0.0065)	NA	NA
Dibromomethane	ND(0.0059)	ND(0.0065)	NA	NA
Dichlorodifluoromethane	ND(0.0059)	ND(0.0065)	NA	NA
Ethyl Methacrylate	ND(0.0059)	ND(0.0065)	NA	NA
Ethylbenzene	ND(0.0059)	ND(0.0065)	NA	NA
Iodomethane	ND(0.0059)	ND(0.0065)	NA	NA
Isobutanol	ND(0.23) J	ND(0.26) J	NA	NA
Methacrylonitrile	ND(0.0059)	ND(0.0065)	NA	NA
Methyl Methacrylate	ND(0.0059)	ND(0.0065)	NA	NA
Methylene Chloride	0.0015 J	ND(0.0065)	NA	NA
Propionitrile	ND(0.012)	ND(0.013)	NA	NA
Styrene	ND(0.0059)	ND(0.0065)	NA	NA
Tetrachloroethene	ND(0.0059)	ND(0.0065)	NA	NA
Toluene	ND(0.0059)	ND(0.0065)	NA	NA
trans-1,2-Dichloroethene	ND(0.0059)	ND(0.0065)	NA	NA
trans-1,3-Dichloropropene	ND(0.0059)	ND(0.0065)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0065)	NA	NA
Trichloroethene	ND(0.0059)	ND(0.0065)	NA	NA
Trichlorofluoromethane	ND(0.0059) J	ND(0.0065)	NA	NA
Vinyl Acetate	ND(0.0059)	ND(0.0065)	NA	NA
Vinyl Chloride	ND(0.012)	ND(0.013)	NA	NA
Xylenes (total)	ND(0.0059)	ND(0.0065)	NA	NA

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample Depth(Feet):	0-1	0-1	1-3	1-3
Parameter / Date Collected:	02/27/03	02/25/03	09/16/04	09/16/04
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
1,2,4-Trichlorobenzene	ND(1.7)	0.068 J	ND(0.38)	ND(0.36)
1,2-Dichlorobenzene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
1,2-Diphenylhydrazine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
1,3,5-Trinitrobenzene	ND(8.1)	ND(3.9)	ND(0.38) J	ND(0.36) J
1,3-Dichlorobenzene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
1,3-Dinitrobenzene	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
1,4-Dichlorobenzene	ND(1.7)	0.10 J	ND(0.38)	ND(0.36)
1,4-Naphthoquinone	ND(8.1)	ND(3.9)	ND(0.76) J	ND(0.72) J
1-Naphthylamine	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
2,3,4,6-Tetrachlorophenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,4,5-Trichlorophenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,4,6-Trichlorophenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,4-Dichlorophenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,4-Dimethylphenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,4-Dinitrophenol	ND(8.1)	ND(3.9)	ND(1.9) J	ND(1.8) J
2,4-Dinitrotoluene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,6-Dichlorophenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2,6-Dinitrotoluene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2-Acetylaminofluorene	ND(3.3)	ND(1.6)	ND(0.76)	ND(0.72)
2-Chloronaphthalene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2-Chlorophenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2-Methylnaphthalene	0.29 J	0.080 J	ND(0.38)	ND(0.36)
2-Methylphenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
2-Naphthylamine	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
2-Nitroaniline	ND(8.1)	ND(3.9)	ND(1.9)	ND(1.8)
2-Nitrophenol	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
2-Picoline	ND(3.3)	ND(1.6)	ND(0.38)	ND(0.36)
3&4-Methylphenol	ND(3.3)	ND(1.6)	ND(0.76)	ND(0.72)
3,3'-Dichlorobenzidine	ND(8.1)	ND(3.9)	ND(0.76)	ND(0.72)
3,3'-Dimethylbenzidine	ND(8.1)	ND(3.9)	ND(0.38)	ND(0.36)
3-Methylcholanthrene	0.25 J	ND(3.9)	ND(0.76) J	ND(0.72) J
3-Nitroaniline	ND(8.1)	ND(3.9)	ND(1.9)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(8.1)	ND(3.9)	ND(0.38)	ND(0.36)
4-Aminobiphenyl	ND(8.1)	ND(3.9)	ND(0.76)	ND(0.72)
4-Bromophenyl-phenylether	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
4-Chloro-3-Methylphenol	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
4-Chloroaniline	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
4-Chlorobenzilate	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
4-Chlorophenyl-phenylether	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
4-Nitroaniline	ND(8.1)	ND(3.9)	ND(1.9)	ND(1.8)
4-Nitrophenol	ND(8.1)	ND(3.9)	ND(1.9) J	ND(1.8) J
4-Nitroquinoline-1-oxide	ND(17)	ND(8.0)	ND(0.76) J	ND(0.72) J
4-Phenylenediamine	ND(33)	ND(16)	ND(0.76)	ND(0.72)
5-Nitro-o-toluidine	ND(3.3)	ND(1.6)	ND(0.76)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	ND(3.3)	ND(1.6)	ND(0.76)	ND(0.72)
a,a'-Dimethylphenethylamine	ND(8.1)	ND(3.9)	ND(0.76)	ND(0.72)
Acenaphthene	1.3 J	0.068 J	ND(0.38)	ND(0.36)
Acenaphthylene	0.31 J	0.25 J	ND(0.38)	ND(0.36)
Acetophenone	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Aniline	ND(1.7)	1.0	ND(0.38)	ND(0.36)
Anthracene	3.1	0.27 J	ND(0.38)	ND(0.36)
Aramite	ND(8.1)	ND(3.9)	ND(0.76)	ND(0.72)
Benzidine	ND(17)	ND(8.0)	ND(0.76) J	ND(0.72) J
Benzo(a)anthracene	9.4	0.95	ND(0.38)	0.10 J
Benzo(a)pyrene	8.7	0.95	ND(0.38)	ND(0.36)
Benzo(b)fluoranthene	9.8	1.2	ND(0.38)	ND(0.36)
Benzo(g,h,i)perylene	3.3	0.42 J	ND(0.38)	ND(0.36)
Benzo(k)fluoranthene	5.9	1.2	ND(0.38)	0.092 J

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample Depth(Feet):	0-1	0-1	1-3	1-3
Parameter / Date Collected:	02/27/03	02/25/03	09/16/04	09/16/04
Semivolatile Organics (continued)				
Benzyl Alcohol	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
bis(2-Chloroethoxy)methane	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
bis(2-Chloroethyl)ether	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(0.80)	ND(0.37)	ND(0.36)
Butylbenzylphthalate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Chrysene	9.9	1.2	0.085 J	0.13 J
Diallate	ND(3.3)	ND(1.6)	ND(0.76)	ND(0.72)
Dibenzo(a,h)anthracene	1.7	0.13 J	ND(0.38)	ND(0.36)
Dibenzofuran	0.96 J	ND(0.80)	ND(0.38)	ND(0.36)
Diethylphthalate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Dimethylphthalate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Di-n-Butylphthalate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Di-n-Octylphthalate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Diphenylamine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Ethyl Methanesulfonate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Fluoranthene	22	2.1	0.16 J	0.26 J
Fluorene	1.6 J	0.083 J	ND(0.38)	ND(0.36)
Hexachlorobenzene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Hexachlorobutadiene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Hexachlorocyclopentadiene	ND(8.1)	ND(3.9)	ND(0.38)	ND(0.36)
Hexachloroethane	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Hexachlorophene	ND(34) J	ND(16) J	ND(0.76)	ND(0.72)
Hexachloropropene	ND(17)	ND(8.0)	ND(0.38)	ND(0.36)
Indeno(1,2,3-cd)pyrene	4.1	0.50 J	ND(0.38)	ND(0.36)
Isodrin	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Isophorone	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Isosafrole	ND(3.3)	ND(1.6)	ND(0.76) J	ND(0.72) J
Methapyrilene	ND(8.1)	ND(3.9)	ND(0.76) J	ND(0.72) J
Methyl Methanesulfonate	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Naphthalene	0.81 J	0.10 J	ND(0.38)	ND(0.36)
Nitrobenzene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitrosodiethylamine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitrosodimethylamine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitroso-di-n-butylamine	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
N-Nitroso-di-n-propylamine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitrosodiphenylamine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitrosomethylethylamine	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
N-Nitrosomorpholine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitrosopiperidine	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
N-Nitrosopyrrolidine	ND(1.7)	ND(0.80)	ND(0.76)	ND(0.72)
o,o,o-Triethylphosphorothioate	ND(8.1)	ND(3.9)	ND(0.38)	ND(0.36)
o-Toluidine	ND(3.3)	ND(1.6)	ND(0.38)	ND(0.36)
p-Dimethylaminoazobenzene	ND(3.3)	ND(1.6)	ND(0.76) J	ND(0.72) J
Pentachlorobenzene	ND(1.7)	ND(0.80)	ND(0.38)	ND(0.36)
Pentachloroethane	ND(8.1)	ND(3.9)	ND(0.38)	ND(0.36)
Pentachloronitrobenzene	ND(8.1)	ND(3.9)	ND(0.76)	ND(0.72)
Pentachlorophenol	ND(8.1)	ND(3.9)	ND(1.9)	ND(1.8)
Phenacetin	ND(3.3)	ND(1.6)	ND(0.76)	ND(0.72)
Phenanthrene	16	1.1	0.078 J	0.15 J
Phenol	ND(1.7)	0.12 J	ND(0.38)	ND(0.36)
Pronamide	ND(3.3)	ND(1.6)	ND(0.38)	ND(0.36)
Pyrene	19	1.4	0.16 J	0.22 J
Pyridine	ND(3.3)	ND(1.6)	ND(0.38)	ND(0.36)
Safrole	ND(3.3)	ND(1.6)	ND(0.38)	ND(0.36)
Thionazin	ND(8.1)	ND(3.9)	ND(0.38)	ND(0.36)

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample ID:	RAA15-D8	RAA15-D13	RAA15-E8NENE	RAA15-E8NWNE
Sample Depth(Feet):	0-1	0-1	1-3	1-3
Parameter / Date Collected:	02/27/03	02/25/03	09/16/04	09/16/04
Furans				
2,3,7,8-TCDF	ND(0.0000090)	ND(0.000043) X	NA	NA
TCDFs (total)	ND(0.00012) X	ND(0.00046) X	NA	NA
1,2,3,7,8-PeCDF	0.0000037 J	0.000014	NA	NA
2,3,4,7,8-PeCDF	0.0000057 J	ND(0.000022) X	NA	NA
PeCDFs (total)	ND(0.00023) X	ND(0.0012) X	NA	NA
1,2,3,4,7,8-HxCDF	0.000012 J	0.000034	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000024) X	ND(0.00019) X	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000047)	ND(0.00000095)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000031) X	0.000017	NA	NA
HxCDFs (total)	ND(0.00020) X	ND(0.0011) X	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000035	0.000069	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000053 J	0.000017	NA	NA
HpCDFs (total)	0.000090	ND(0.00021) X	NA	NA
OCDF	0.000069	0.00010	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.0000011)	ND(0.00000085) X	NA	NA
TCDDs (total)	ND(0.0000011)	ND(0.0000056) X	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000051) X	ND(0.0000019) X	NA	NA
PeCDDs (total)	ND(0.000017) X	ND(0.000018) X	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000012) X	0.0000020 J	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000032) X	0.0000033 J	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000033) X	0.0000033 J	NA	NA
HxCDDs (total)	ND(0.000036) X	ND(0.000037) X	NA	NA
1,2,3,4,6,7,8-HpCDD	0.000069	0.000032	NA	NA
HpCDDs (total)	0.00013	0.000061	NA	NA
OCDD	0.00046	0.00029 J	NA	NA
Total TEQs (WHO TEFs)	0.000011	0.000026	NA	NA
Inorganics				
Antimony	ND(7.60) J	ND(0.830)	NA	NA
Arsenic	4.40	5.90	NA	NA
Barium	40.5	34.2 J	NA	NA
Beryllium	0.420 B	0.350 B	NA	NA
Cadmium	ND(0.630)	ND(0.610)	NA	NA
Chromium	10.1	9.90 J	NA	NA
Cobalt	6.60	5.90 B	NA	NA
Copper	20.4	60.3 J	NA	NA
Cyanide	ND(0.630)	ND(0.610)	NA	NA
Lead	37.7	60.2 J	NA	NA
Mercury	0.0890	0.630	NA	NA
Nickel	13.4	12.8	NA	NA
Selenium	ND(0.630)	ND(0.610)	NA	NA
Silver	ND(1.30)	ND(1.20)	NA	NA
Sulfide	ND(12.6)	ND(12.2)	NA	NA
Thallium	ND(1.30) J	0.930 B	NA	NA
Tin	ND(12.6)	ND(7.80)	NA	NA
Vanadium	12.4	9.20	NA	NA
Zinc	78.5 J	130	NA	NA

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E11	YB-2
Sample ID:	RAA15-E11	RAA15-E11	RAA15-E11	YB-2
Sample Depth(Feet):	0-1	3-6	4-6	4-8
Parameter / Date Collected:	02/21/03	02/27/03	02/27/03	10/06/89
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0060)	NA	ND(0.0054)	NA
1,1,1-Trichloroethane	ND(0.0060)	NA	ND(0.0054)	0.0040 J
1,1,2,2-Tetrachloroethane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
1,1-Dichloroethane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
1,1-Dichloroethene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
1,2,3-Trichloropropane	ND(0.0060)	NA	ND(0.0054)	NA
1,2-Dibromo-3-chloropropane	ND(0.0060)	NA	ND(0.0054)	NA
1,2-Dibromoethane	ND(0.0060)	NA	ND(0.0054)	NA
1,2-Dichloroethane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
1,2-Dichloropropane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
1,4-Dioxane	ND(1.2) J	NA	ND(1.1) J	NA
2-Butanone	ND(0.0060)	NA	ND(0.0054) J	NA
2-Chloro-1,3-butadiene	ND(0.0060)	NA	ND(0.0054)	NA
2-Chloroethylvinylether	ND(0.012) J	NA	ND(0.011) J	ND(0.010)
2-Hexanone	ND(0.024)	NA	ND(0.021)	NA
3-Chloropropene	ND(0.0060)	NA	ND(0.0054)	NA
4-Methyl-2-pentanone	ND(0.024)	NA	ND(0.021)	NA
Acetone	ND(0.024)	NA	ND(0.021) J	NA
Acetonitrile	ND(0.12) J	NA	ND(0.11) J	NA
Acrolein	ND(0.12) J	NA	ND(0.11) J	ND(0.010)
Acrylonitrile	ND(0.12)	NA	ND(0.11)	ND(0.010)
Benzene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Bromodichloromethane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Bromoform	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Bromomethane	ND(0.0060)	NA	ND(0.0054)	ND(0.010)
Carbon Disulfide	ND(0.0060)	NA	ND(0.0054)	NA
Carbon Tetrachloride	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Chlorobenzene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Chloroethane	ND(0.012)	NA	ND(0.011) J	ND(0.010)
Chloroform	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Chloromethane	ND(0.0060)	NA	ND(0.0054)	ND(0.010)
cis-1,3-Dichloropropene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Dibromochloromethane	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Dibromomethane	ND(0.0060)	NA	ND(0.0054)	NA
Dichlorodifluoromethane	ND(0.0060)	NA	ND(0.0054)	NA
Ethyl Methacrylate	ND(0.0060)	NA	ND(0.0054)	NA
Ethylbenzene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Iodomethane	ND(0.0060)	NA	ND(0.0054)	NA
Isobutanol	ND(0.24) J	NA	ND(0.21) J	NA
Methacrylonitrile	ND(0.0060)	NA	ND(0.0054)	NA
Methyl Methacrylate	ND(0.0060)	NA	ND(0.0054)	NA
Methylene Chloride	0.0010 J	NA	ND(0.0054)	0.0030 J
Propionitrile	ND(0.012) J	NA	ND(0.011)	NA
Styrene	ND(0.0060)	NA	ND(0.0054)	NA
Tetrachloroethene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Toluene	ND(0.0060)	NA	ND(0.0054)	0.0010 J
trans-1,2-Dichloroethene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0060)	NA	ND(0.0054)	NA
Trichloroethene	ND(0.0060)	NA	ND(0.0054)	ND(0.0050)
Trichlorofluoromethane	ND(0.0060) J	NA	ND(0.0054) J	NA
Vinyl Acetate	ND(0.0060)	NA	ND(0.0054)	NA
Vinyl Chloride	ND(0.012)	NA	ND(0.011)	ND(0.010)
Xylenes (total)	ND(0.0060)	NA	ND(0.0054)	NA

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E11	YB-2
Sample ID:	RAA15-E11	RAA15-E11	RAA15-E11	YB-2
Sample Depth(Feet):	0-1	3-6	4-6	4-8
Parameter / Date Collected:	02/21/03	02/27/03	02/27/03	10/06/89
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(2.0)	ND(1.4)	NA	NA
1,2,4-Trichlorobenzene	ND(2.0)	ND(1.4)	NA	ND(2.0)
1,2-Dichlorobenzene	ND(2.0)	ND(1.4)	NA	ND(2.0)
1,2-Diphenylhydrazine	ND(2.0)	ND(1.4)	NA	ND(2.0)
1,3,5-Trinitrobenzene	ND(9.5)	ND(6.9)	NA	NA
1,3-Dichlorobenzene	ND(2.0)	ND(1.4)	NA	ND(2.0)
1,3-Dinitrobenzene	ND(2.0)	ND(1.4)	NA	NA
1,4-Dichlorobenzene	ND(2.0)	ND(1.4)	NA	ND(2.0)
1,4-Naphthoquinone	ND(9.5)	ND(6.9)	NA	NA
1-Naphthylamine	ND(2.0)	ND(1.4)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(2.0)	ND(1.4)	NA	NA
2,4,5-Trichlorophenol	ND(2.0)	ND(1.4)	NA	NA
2,4,6-Trichlorophenol	ND(2.0)	ND(1.4)	NA	NA
2,4-Dichlorophenol	ND(2.0)	ND(1.4)	NA	NA
2,4-Dimethylphenol	ND(2.0)	ND(1.4)	NA	NA
2,4-Dinitrophenol	ND(9.5)	ND(6.9)	NA	NA
2,4-Dinitrotoluene	ND(2.0)	ND(1.4)	NA	ND(2.0)
2,6-Dichlorophenol	ND(2.0)	ND(1.4)	NA	NA
2,6-Dinitrotoluene	ND(2.0)	ND(1.4)	NA	ND(2.0)
2-Acetylaminofluorene	ND(3.9)	ND(2.9)	NA	NA
2-Chloronaphthalene	ND(2.0)	ND(1.4)	NA	ND(2.0)
2-Chlorophenol	ND(2.0)	ND(1.4)	NA	NA
2-Methylnaphthalene	ND(2.0)	0.16 J	NA	NA
2-Methylphenol	ND(2.0)	ND(1.4)	NA	NA
2-Naphthylamine	ND(2.0)	ND(1.4)	NA	NA
2-Nitroaniline	ND(9.5)	ND(6.9)	NA	NA
2-Nitrophenol	ND(2.0)	ND(1.4)	NA	NA
2-Picoline	ND(3.9)	ND(2.9)	NA	NA
3&4-Methylphenol	ND(3.9)	ND(2.9)	NA	NA
3,3'-Dichlorobenzidine	ND(9.5)	ND(6.9)	NA	ND(4.0)
3,3'-Dimethylbenzidine	ND(9.5)	ND(6.9)	NA	NA
3-Methylcholanthrene	ND(9.5)	ND(6.9)	NA	NA
3-Nitroaniline	ND(9.5)	ND(6.9)	NA	NA
4,6-Dinitro-2-methylphenol	ND(9.5)	ND(6.9)	NA	NA
4-Aminobiphenyl	ND(9.5)	ND(6.9)	NA	NA
4-Bromophenyl-phenylether	ND(2.0)	ND(1.4)	NA	ND(2.0)
4-Chloro-3-Methylphenol	ND(2.0)	ND(1.4)	NA	NA
4-Chloroaniline	ND(2.0)	ND(1.4)	NA	NA
4-Chlorobenzilate	ND(2.0)	ND(1.4)	NA	NA
4-Chlorophenyl-phenylether	ND(2.0)	ND(1.4)	NA	ND(2.0)
4-Nitroaniline	ND(9.5)	ND(6.9)	NA	NA
4-Nitrophenol	ND(9.5)	ND(6.9)	NA	NA
4-Nitroquinoline-1-oxide	ND(20)	ND(14)	NA	NA
4-Phenylenediamine	ND(39)	ND(29)	NA	NA
5-Nitro-o-toluidine	ND(3.9)	ND(2.9)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(3.9)	ND(2.9)	NA	NA
a,a'-Dimethylphenethylamine	ND(9.5)	ND(6.9)	NA	NA
Acenaphthene	ND(2.0)	0.89 J	NA	ND(2.0)
Acenaphthylene	ND(2.0)	0.21 J	NA	0.27 J
Acetophenone	ND(2.0)	ND(1.4)	NA	NA
Aniline	ND(2.0)	ND(1.4)	NA	NA
Anthracene	0.30 J	2.2	NA	ND(2.0)
Aramite	ND(9.5)	ND(6.9)	NA	NA
Benzidine	ND(20)	ND(14)	NA	ND(10)
Benzo(a)anthracene	1.4 J	4.8	NA	0.30 J
Benzo(a)pyrene	1.3 J	4.7	NA	0.37 J
Benzo(b)fluoranthene	1.3 J	4.1	NA	0.38 J
Benzo(g,h,i)perylene	0.42 J	3.3	NA	ND(2.0)
Benzo(k)fluoranthene	1.3 J	3.5	NA	0.46 J

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E11	YB-2
Sample ID:	RAA15-E11	RAA15-E11	RAA15-E11	YB-2
Sample Depth(Feet):	0-1	3-6	4-6	4-8
Parameter / Date Collected:	02/21/03	02/27/03	02/27/03	10/06/89
Semivolatile Organics (continued)				
Benzyl Alcohol	ND(2.0)	ND(1.4)	NA	NA
bis(2-Chloroethoxy)methane	ND(2.0)	ND(1.4)	NA	ND(2.0)
bis(2-Chloroethyl)ether	ND(2.0)	ND(1.4)	NA	ND(2.0)
bis(2-Chloroisopropyl)ether	ND(2.0)	ND(1.4)	NA	ND(2.0)
bis(2-Ethylhexyl)phthalate	ND(2.0)	ND(1.4)	NA	ND(2.0)
Butylbenzylphthalate	ND(2.0)	ND(1.4)	NA	ND(2.0)
Chrysene	1.5 J	5.2	NA	0.31 J
Diallate	ND(3.9)	ND(2.9)	NA	NA
Dibenzo(a,h)anthracene	ND(2.0)	1.1 J	NA	ND(2.0)
Dibenzofuran	ND(2.0)	0.44 J	NA	NA
Diethylphthalate	ND(2.0)	ND(1.4)	NA	ND(2.0)
Dimethylphthalate	ND(2.0)	ND(1.4)	NA	ND(2.0)
Di-n-Butylphthalate	ND(2.0)	ND(1.4)	NA	ND(2.0)
Di-n-Octylphthalate	ND(2.0)	ND(1.4)	NA	ND(2.0)
Diphenylamine	ND(2.0)	ND(1.4)	NA	NA
Ethyl Methanesulfonate	ND(2.0)	ND(1.4)	NA	NA
Fluoranthene	3.0	11	NA	0.47 J
Fluorene	ND(2.0)	0.81 J	NA	ND(2.0)
Hexachlorobenzene	ND(2.0)	ND(1.4)	NA	ND(2.0)
Hexachlorobutadiene	ND(2.0)	ND(1.4)	NA	ND(2.0)
Hexachlorocyclopentadiene	ND(9.5)	ND(6.9)	NA	ND(2.0)
Hexachloroethane	ND(2.0)	ND(1.4)	NA	ND(2.0)
Hexachlorophene	ND(40) J	ND(29) J	NA	NA
Hexachloropropene	ND(20)	ND(14)	NA	NA
Indeno(1,2,3-cd)pyrene	0.53 J	3.4	NA	ND(2.0)
Isodrin	ND(2.0)	ND(1.4)	NA	NA
Isophorone	ND(2.0)	1.3 J	NA	ND(2.0)
Isosafrole	ND(3.9)	ND(2.9)	NA	NA
Methapyrilene	ND(9.5)	ND(6.9)	NA	NA
Methyl Methanesulfonate	ND(2.0)	ND(1.4)	NA	NA
Naphthalene	ND(2.0)	0.29 J	NA	ND(2.0)
Nitrobenzene	ND(2.0)	ND(1.4)	NA	ND(2.0)
N-Nitrosodiethylamine	ND(2.0)	ND(1.4)	NA	NA
N-Nitrosodimethylamine	ND(2.0)	ND(1.4)	NA	ND(2.0)
N-Nitroso-di-n-butylamine	ND(2.0)	ND(1.4)	NA	NA
N-Nitroso-di-n-propylamine	ND(2.0)	ND(1.4)	NA	ND(2.0)
N-Nitrosodiphenylamine	ND(2.0)	ND(1.4)	NA	ND(2.0)
N-Nitrosomethylethylamine	ND(2.0)	ND(1.4)	NA	NA
N-Nitrosomorpholine	ND(2.0)	ND(1.4)	NA	NA
N-Nitrosopiperidine	ND(2.0)	ND(1.4)	NA	NA
N-Nitrosopyrrolidine	ND(2.0)	ND(1.4)	NA	NA
o,o,o-Triethylphosphorothioate	ND(9.5)	ND(6.9)	NA	NA
o-Toluidine	ND(3.9)	ND(2.9)	NA	NA
p-Dimethylaminoazobenzene	ND(3.9)	ND(2.9)	NA	NA
Pentachlorobenzene	ND(2.0)	ND(1.4)	NA	NA
Pentachloroethane	ND(9.5)	ND(6.9)	NA	NA
Pentachloronitrobenzene	ND(9.5)	ND(6.9)	NA	NA
Pentachlorophenol	ND(9.5)	ND(6.9)	NA	NA
Phenacetin	ND(3.9)	ND(2.9)	NA	NA
Phenanthrene	1.1 J	8.9	NA	0.29 J
Phenol	ND(2.0)	ND(1.4)	NA	NA
Pronamide	ND(3.9)	ND(2.9)	NA	NA
Pyrene	2.0	9.4	NA	0.70 J
Pyridine	ND(3.9)	ND(2.9)	NA	NA
Safrole	ND(3.9)	ND(2.9)	NA	NA
Thionazin	ND(9.5)	ND(6.9)	NA	NA

TABLE E-28
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E11	RAA15-E11 (OFFSET)	RAA15-E11	YB-2
Sample ID:	RAA15-E11	RAA15-E11	RAA15-E11	YB-2
Sample Depth(Feet):	0-1	3-6	4-6	4-8
Parameter / Date Collected:	02/21/03	02/27/03	02/27/03	10/06/89
Furans				
2,3,7,8-TCDF	ND(0.000018) X	ND(0.000012) X	NA	NA
TCDFs (total)	ND(0.00016) X	ND(0.00028) X	NA	NA
1,2,3,7,8-PeCDF	0.000011	0.0000044 J	NA	NA
2,3,4,7,8-PeCDF	ND(0.000015) X	ND(0.0000076) X	NA	NA
PeCDFs (total)	ND(0.00038) X	ND(0.00071) X	NA	NA
1,2,3,4,7,8-HxCDF	0.000033	0.0000084 J	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000044) X	ND(0.000093) X	NA	NA
1,2,3,7,8,9-HxCDF	0.0000011 J	ND(0.00000051)	NA	NA
2,3,4,6,7,8-HxCDF	0.0000062	0.0000081 J	NA	NA
HxCDFs (total)	ND(0.00031) X	ND(0.00051) X	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000031	0.000025 J	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000097	0.0000038 J	NA	NA
HpCDFs (total)	0.000065	0.000065	NA	NA
OCDF	0.000040	0.000025 J	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000032)	ND(0.0000011)	NA	NA
TCDDs (total)	ND(0.0000024) X	ND(0.0000011)	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000013) X	ND(0.0000014) X	NA	NA
PeCDDs (total)	ND(0.0000079) X	ND(0.000011) X	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000069) X	ND(0.00000076) X	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000011) X	0.0000026 J	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000091) X	ND(0.0000020) X	NA	NA
HxCDDs (total)	ND(0.000032) X	ND(0.000026) X	NA	NA
1,2,3,4,6,7,8-HpCDD	0.000014	0.000025 J	NA	NA
HpCDDs (total)	0.000029	0.000047 J	NA	NA
OCDD	0.00012	0.00021	NA	NA
Total TEQs (WHO TEFs)	0.000013	0.000011	NA	NA
Inorganics				
Antimony	ND(7.20)	ND(6.50) J	NA	NA
Arsenic	1.70	7.40	NA	NA
Barium	15.2 B	54.1	NA	NA
Beryllium	ND(0.600)	0.470 B	NA	NA
Cadmium	0.240 B	ND(0.540)	NA	NA
Chromium	5.50	11.3	NA	NA
Cobalt	3.60 B	7.70	NA	NA
Copper	15.0	30.5	NA	NA
Cyanide	ND(0.600)	0.220 B	NA	NA
Lead	14.3	79.5	NA	NA
Mercury	0.0250 B	0.270	NA	NA
Nickel	7.20	15.5	NA	NA
Selenium	ND(0.600)	ND(0.540)	NA	NA
Silver	ND(1.20)	ND(1.10)	NA	NA
Sulfide	ND(11.9)	ND(10.8)	NA	NA
Thallium	ND(1.20) J	ND(1.10) J	NA	NA
Tin	ND(4.70)	ND(10.8)	NA	NA
Vanadium	5.50 B	13.9	NA	NA
Zinc	45.2	93.0 J	NA	NA

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-29
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCEL K10-11-2

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
1,1,1-Trichloroethane	0.004	1,400	No
Benzene	0.0005	1.4	No
Carbon Disulfide	0.00069	1,200	No
Methylene Chloride	0.003	20	No
Toluene	0.0015	520	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	1.8	1,700	No
1,4-Dichlorobenzene	0.1	7.3	No
2-Methylnaphthalene	2	190*	No
3,3'-Dichlorobenzidine	0.95	6.7	No
3-Methylcholanthrene	2.1	0.36*	**Yes**
Acenaphthene	9.7	28,000	No
Acenaphthylene	2.6	190*	No
Aniline	1	530	No
Anthracene	27	220,000	No
Benzo(a)anthracene	86	3.6	**Yes**
Benzo(a)pyrene	71	0.36	**Yes**
Benzo(b)fluoranthene	68	3.6	**Yes**
Benzo(g,h,i)perylene	21	190*	No
Benzo(k)fluoranthene	37	36	**Yes**
Chrysene	92	360	No
Dibenzo(a,h)anthracene	11	0.36	**Yes**
Dibenzofuran	6.2	3,200	No
Fluoranthene	190	37,000	No
Fluorene	13	22,000	No
Indeno(1,2,3-cd)pyrene	26	3.6	**Yes**
Isophorone	1.3	3,200	No
Naphthalene	4.7	190	No
Phenanthrene	120	190*	No
Phenol	0.12	100,000	No
Pyrene	140	26,000	No
Inorganics			
Arsenic	7.4	3	**Yes**
Barium	54.1	100,000	No
Beryllium	0.55	3,400	No
Cadmium	1.2	930	No
Chromium	20	450	No
Cobalt	12	29,000	No
Copper	60.3	70,000	No
Cyanide	0.22	35*	No
Lead	128	1,000	No
Mercury	0.63	560	No
Nickel	20.5	37,000	No
Silver	0.21	9,400	No
Sulfide	160	1,200*	No
Thallium	4.3	150	No
Vanadium	26.2	13,000	No
Zinc	165	100,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-30
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A9 0-1 02/24/03	RAA15-B11 0-1 02/25/03	RAA15-B15 0-1 02/25/03	RAA15-B7 0-1 02/25/03	RAA15-C17 0-1 02/25/03	RAA15-D13 0-1 02/25/03
Semivolatile Organics						
3-Methylcholanthrene	**0.90**	0.29	**7.0**	**1.8**	**4.0**	**2.0**
Benzo(a)anthracene	0.053	9.7	**1.5**	**0.36**	1.5	0.95
Benzo(a)pyrene	0.054	9.6	**1.5**	**0.36**	1.5	0.95
Benzo(b)fluoranthene	0.055	11	**1.5**	**0.36**	1.7	1.2
Benzo(k)fluoranthene	**0.19**	5.2	**1.5**	**0.36**	1.8	1.2
Dibenzo(a,h)anthracene	**0.19**	1.6	**1.5**	**0.36**	**0.80**	0.13
Indeno(1,2,3-cd)pyrene	**0.19**	4.2	**1.5**	**0.36**	0.65	0.50
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000019	0.00023	*0.00012*	0.000011	0.000018	0.000026
Inorganics						
Arsenic	3.00	3.40	2.60	6.70	5.90	5.90

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-D8 0-1 02/27/03	RAA15-E11 0-1 02/21/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
3-Methylcholanthrene	0.25	**4.8**	N/A (See Note 5)	2.63	Not Listed	**Yes**
Benzo(a)anthracene	9.4	1.4	N/A (See Note 5)	3.11	1	**Yes**
Benzo(a)pyrene	8.7	1.3	N/A (See Note 5)	3.00	0.7	**Yes**
Benzo(b)fluoranthene	9.8	1.3	N/A (See Note 5)	3.36	1	**Yes**
Benzo(k)fluoranthene	5.9	1.3	N/A (See Note 5)	2.18	10	No
Dibenzo(a,h)anthracene	1.7	**1.0**	N/A (See Note 5)	0.91	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	4.1	0.53	N/A (See Note 5)	1.50	1	**Yes**
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000011	0.000013	2.30E-04	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	4.40	1.70	N/A (See Note 5)	4.20	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-31
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A9 0-1 02/24/03	RAA15-B11 0-1 02/25/03	RAA15-B15 0-1 02/25/03	RAA15-B7 0-1 02/25/03	RAA15-C17 0-1 02/25/03	RAA15-D13 0-1 02/25/03
Semivolatile Organics						
3-Methylcholanthrene	**0.90**	0.29	**7.0**	**1.8**	**4.0**	**2.0**
Benzo(a)anthracene	0.053	9.7	**1.5**	**0.36**	1.5	0.95
Benzo(a)pyrene	0.054	9.6	**1.5**	**0.36**	1.5	0.95
Benzo(b)fluoranthene	0.055	11	**1.5**	**0.36**	1.7	1.2
Benzo(k)fluoranthene	**0.19**	5.2	**1.5**	**0.36**	1.8	1.2
Dibenzo(a,h)anthracene	**0.19**	1.6	**1.5**	**0.36**	**0.80**	0.13
Indeno(1,2,3-cd)pyrene	**0.19**	4.2	**1.5**	**0.36**	0.65	0.50
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000019	0.00023	*0.00012*	0.000011	0.000018	0.000026
Inorganics						
Arsenic	3.00	3.40	2.60	6.70	5.90	5.90

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-D8 0-1 02/27/03	RAA15-E11 0-1 02/21/03	RAA15-C11 1-3 02/21/03	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Semivolatile Organics						
3-Methylcholanthrene	0.25	**4.8**	2.1	**0.38**	**0.38**	**0.37**
Benzo(a)anthracene	9.4	1.4	86	26	12	24
Benzo(a)pyrene	8.7	1.3	71	14	6.6	13
Benzo(b)fluoranthene	9.8	1.3	68	14	6.0	12
Benzo(k)fluoranthene	5.9	1.3	37	18	5.9	14
Dibenzo(a,h)anthracene	1.7	**1.0**	11	2.3	1.4	2.6
Indeno(1,2,3-cd)pyrene	4.1	0.53	26	5.7	3.2	6.5
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000011	0.000013	0.000046	--	--	--
Inorganics						
Arsenic	4.40	1.70	4.30	--	--	--

See notes on page 2.

TABLE E-31
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	COMP-C11 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
3-Methylcholanthrene	0.8	N/A (See Note 6)	2.43	Not Listed	**Yes**
Benzo(a)anthracene	37.0	N/A (See Note 6)	6.87	1	**Yes**
Benzo(a)pyrene	26.2	N/A (See Note 6)	5.57	0.7	**Yes**
Benzo(b)fluoranthene	25.0	N/A (See Note 6)	5.77	1	**Yes**
Benzo(k)fluoranthene	18.7	N/A (See Note 6)	4.02	10	No
Dibenzo(a,h)anthracene	4.3	N/A (See Note 6)	1.29	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	10.35	N/A (See Note 6)	2.49	1	**Yes**
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	2.30E-04	N/A (See Note 6)	5.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 6)	4.21	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-C11 (1-3'; 2/21/03), RAA15-C11E (1-3'; 5/5/04), RAA15-C11NE (1-3'; 5/5/04), and RAA15-C11NW (1-3; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.

TABLE E-32
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C11 1-3 02/21/03	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04	COMP-C11 1-3 (See Note 1)	RAA15-A15 3-6 02/21/03
Semivolatile Organics						
3-Methylcholanthrene	2.1	**0.38**	**0.38**	**0.37**	0.8	**3.6**
Benzo(a)anthracene	86	26	12	24	37.0	1.8
Benzo(a)pyrene	71	14	6.6	13	26.2	2.9
Benzo(b)fluoranthene	68	14	6.0	12	25.0	2.0
Benzo(k)fluoranthene	37	18	5.9	14	18.7	1.9
Dibenzo(a,h)anthracene	11	2.3	1.4	2.6	4.3	0.49
Indeno(1,2,3-cd)pyrene	26	5.7	3.2	6.5	10.35	1.7
Inorganics						
Arsenic	4.30	--	--	--	--	5.40

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-E11 3-6 02/27/03	YB-2 4-8 10/06/89	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
3-Methylcholanthrene	**0.37**	**3.5**	--	2.07	Not Listed	**Yes**
Benzo(a)anthracene	1.1	4.8	0.30	9.00	1	**Yes**
Benzo(a)pyrene	0.57	4.7	0.37	6.94	0.7	**Yes**
Benzo(b)fluoranthene	0.50	4.1	0.38	6.40	1	**Yes**
Benzo(k)fluoranthene	0.60	3.5	0.46	5.04	10	No
Dibenzo(a,h)anthracene	0.16	1.1	**1.0**	1.42	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	0.33	3.4	**1.0**	3.36	1	**Yes**
Inorganics						
Arsenic	--	7.40	--	5.70	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-C11 (1-3'; 2/21/03), RAA15-C11E (1-3'; 5/5/04), RAA15-C11NE (1-3'; 5/5/04), and RAA15-C11NW (1-3; 5/5/04).
2. Constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
5. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
6. -- = Constituent not subject to analysis.

TABLE E-33
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A9 0-1 02/24/03	RAA15-B11 0-1 02/25/03	RAA15-B15 0-1 02/25/03	RAA15-B7 0-1 02/25/03	RAA15-C17 0-1 02/25/03	RAA15-D13 0-1 02/25/03
Semivolatile Organics						
3-Methylcholanthrene	**0.90**	0.29	**7.0**	**1.8**	**4.0**	**2.0**
Benzo(a)anthracene	0.053	9.7	**1.5**	**0.36**	1.5	0.95
Benzo(a)pyrene	0.054	9.6	**1.5**	**0.36**	1.5	0.95
Benzo(b)fluoranthene	0.055	11	**1.5**	**0.36**	1.7	1.2
Benzo(k)fluoranthene	**0.19**	5.2	**1.5**	**0.36**	1.8	1.2
Dibenzo(a,h)anthracene	**0.19**	1.6	**1.5**	**0.36**	**0.80**	0.13
Indeno(1,2,3-cd)pyrene	**0.19**	4.2	**1.5**	**0.36**	0.65	0.50
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 8	See Note 8	See Note 8	See Note 8	See Note 8	See Note 8
Inorganics						
Arsenic	3.00	3.40	2.60	6.70	5.90	5.90

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-D8 0-1 02/27/03	RAA15-E11 0-1 02/21/03	RAA15-C11 1-3 02/21/03	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04
Semivolatile Organics						
3-Methylcholanthrene	0.25	**4.8**	2.1	**0.38**	**0.38**	**0.37**
Benzo(a)anthracene	9.4	1.4	86	26	12	24
Benzo(a)pyrene	8.7	1.3	71	14	6.6	13
Benzo(b)fluoranthene	9.8	1.3	68	14	6.0	12
Benzo(k)fluoranthene	5.9	1.3	37	18	5.9	14
Dibenzo(a,h)anthracene	1.7	**1.0**	11	2.3	1.4	2.6
Indeno(1,2,3-cd)pyrene	4.1	0.53	26	5.7	3.2	6.5
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 8	See Note 8	0.000046	--	--	--
Inorganics						
Arsenic	4.40	1.70	4.30	--	--	--

See notes on page 2.

TABLE E-33
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	COMP-C11 / 1-3 / (See Note 1)	RAA15-A15 / 3-6 / 02/21/03	RAA15-C11 / 3-6 / 05/05/04	RAA15-E11 / 3-6 / 02/27/03	YB-2 / 4-8 / 10/06/89	RAA15-C8 / 6-10 / 02/26/03
Semivolatile Organics						
3-Methylcholanthrene	0.8	**3.6**	**0.37**	**3.5**	--	**0.85**
Benzo(a)anthracene	37.0	1.8	1.1	4.8	0.30	**0.18**
Benzo(a)pyrene	26.2	2.9	0.57	4.7	0.37	**0.18**
Benzo(b)fluoranthene	25.0	2.0	0.50	4.1	0.38	**0.18**
Benzo(k)fluoranthene	18.7	1.9	0.60	3.5	0.46	**0.18**
Dibenzo(a,h)anthracene	4.3	0.49	0.16	1.1	**1.0**	**0.18**
Indeno(1,2,3-cd)pyrene	10.35	1.7	0.33	3.4	**1.0**	**0.18**
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	0.0000011	--	0.000011	--	0.00000069
Inorganics						
Arsenic	--	5.40	--	7.40	--	2.20

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-YB-1 / 10-15 / 01/31/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
3-Methylcholanthrene	**0.44**	N/A (See Note 6)	2.19	Not Listed	**Yes**
Benzo(a)anthracene	**0.22**	N/A (See Note 6)	4.68	4	**Yes**
Benzo(a)pyrene	**0.22**	N/A (See Note 6)	3.94	0.7	**Yes**
Benzo(b)fluoranthene	**0.22**	N/A (See Note 6)	3.95	4	No
Benzo(k)fluoranthene	**0.22**	N/A (See Note 6)	2.87	40	No
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 6)	0.98	0.8	**Yes**
Indeno(1,2,3-cd)pyrene	**0.22**	N/A (See Note 6)	1.95	4	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000091	4.60E-05	N/A (See Note 6)	2.00E-02	No
Inorganics					
Arsenic	4.30	N/A (See Note 6)	4.40	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-C11 (1-3'; 2/21/03), RAA15-C11E (1-3'; 5/5/04), RAA15-C11NE (1-3'; 5/5/04), and RAA15-C11NW (1-3; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.

TABLE E-34
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID:	RAA15-A9	RAA15-B11	RAA15-B15	RAA15-B7	RAA15-C17	RAA15-D13
Sample Depth (Feet):	0-1	0-1	0-1	0-1	0-1	0-1
Parameter / Date Collected:	02/24/03	02/25/03	02/25/03	02/25/03	02/25/03	02/25/03
Semivolatile Organics						
3-Methylcholanthrene	**0.90**	0.29	**7.0**	**1.8**	**4.0**	**2.0**
Benzo(a)anthracene	0.053	9.7	**1.5**	**0.36**	1.5	0.95
Benzo(a)pyrene	0.054	9.6	**1.5**	**0.36**	1.5	0.95
Benzo(b)fluoranthene	0.055	11	**1.5**	**0.36**	1.7	1.2
Benzo(k)fluoranthene	**0.19**	5.2	**1.5**	**0.36**	1.8	1.2
Dibenzo(a,h)anthracene	**0.19**	1.6	**1.5**	**0.36**	**0.80**	0.13
Indeno(1,2,3-cd)pyrene	**0.19**	4.2	**1.5**	**0.36**	0.65	0.50
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000019	0.00023	*0.00012*	0.000011	0.000018	0.000026
Inorganics						
Arsenic	3.00	3.40	2.60	6.70	5.90	5.90

Sample ID:	RAA15-D8	RAA15-E11	RAA15-C11	RAA15-C11E	RAA15-C11NE	RAA15-C11NW
Sample Depth (Feet):	0-1	0-1	1-3	1-3	1-3	1-3
Parameter / Date Collected:	02/27/03	02/21/03	02/21/03	05/05/04	05/05/04	05/05/04
Semivolatile Organics						
3-Methylcholanthrene	0.25	**4.8**	***0.388***	**0.38**	**0.38**	**0.37**
Benzo(a)anthracene	9.4	1.4	***0.198***	26	12	24
Benzo(a)pyrene	8.7	1.3	***0.198***	14	6.6	13
Benzo(b)fluoranthene	9.8	1.3	***0.198***	14	6.0	12
Benzo(k)fluoranthene	5.9	1.3	***0.198***	18	5.9	14
Dibenzo(a,h)anthracene	1.7	**1.0**	***0.256***	2.3	1.4	2.6
Indeno(1,2,3-cd)pyrene	4.1	0.53	***0.256***	5.7	3.2	6.5
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000011	0.000013	0.000046	--	--	--
Inorganics						
Arsenic	4.40	1.70	4.30	--	--	--

See notes on page 2.

TABLE E-34
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	COMP-C11 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
3-Methylcholanthrene	0.4	N/A (See Note 6)	2.38	Not Listed	**Yes**
Benzo(a)anthracene	15.5	N/A (See Note 6)	4.49	1	**Yes**
Benzo(a)pyrene	8.4	N/A (See Note 6)	3.60	0.7	**Yes**
Benzo(b)fluoranthene	8.0	N/A (See Note 6)	3.88	1	**Yes**
Benzo(k)fluoranthene	9.5	N/A (See Note 6)	3.00	10	No
Dibenzo(a,h)anthracene	1.6	N/A (See Note 6)	0.99	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	3.91	N/A (See Note 6)	1.77	1	**Yes**
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	2.30E-04	N/A (See Note 6)	5.00E-03	No
Inorganics					
Arsenic	--	N/A (See Note 6)	4.21	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-C11 (1-3'; 2/21/03), RAA15-C11E (1-3'; 5/5/04), RAA15-C11NE (1-3'; 5/5/04), and RAA15-C11NW (1-3; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
8. -- = Constituent not subject to analysis.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-35
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-C11 1-3 02/21/03	RAA15-C11E 1-3 05/05/04	RAA15-C11NE 1-3 05/05/04	RAA15-C11NW 1-3 05/05/04	COMP-C11 1-3 (See Note 1)	RAA15-A15 3-6 02/21/03
Semivolatile Organics						
3-Methylcholanthrene	***0.388***	**0.38**	**0.38**	**0.37**	0.4	**3.6**
Benzo(a)anthracene	***0.198***	26	12	24	15.5	1.8
Benzo(a)pyrene	***0.198***	14	6.6	13	8.4	2.9
Benzo(b)fluoranthene	***0.198***	14	6.0	12	8.0	2.0
Benzo(k)fluoranthene	***0.198***	18	5.9	14	9.5	1.9
Dibenzo(a,h)anthracene	***0.256***	2.3	1.4	2.6	1.6	0.49
Indeno(1,2,3-cd)pyrene	***0.256***	5.7	3.2	6.5	3.91	1.7
Inorganics						
Arsenic	4.30	--	--	--	--	5.40

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-C11 3-6 05/05/04	RAA15-E11 3-6 02/27/03	YB-2 4-8 10/06/89	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
3-Methylcholanthrene	**0.37**	**3.5**	--	1.96	Not Listed	**Yes**
Benzo(a)anthracene	1.1	4.8	0.30	4.71	1	**Yes**
Benzo(a)pyrene	0.57	4.7	0.37	3.40	0.7	**Yes**
Benzo(b)fluoranthene	0.50	4.1	0.38	3.01	1	**Yes**
Benzo(k)fluoranthene	0.60	3.5	0.46	3.20	10	No
Dibenzo(a,h)anthracene	0.16	1.1	**1.0**	0.88	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	0.33	3.4	**1.0**	2.07	1	**Yes**
Inorganics						
Arsenic	--	7.40	--	5.70	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-C11 (1-3'; 2/21/03), RAA15-C11E (1-3'; 5/5/04), RAA15-C11NE (1-3'; 5/5/04), and RAA15-C11NW (1-3; 5/5/04).
2. Constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
5. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
6. -- = Constituent not subject to analysis.
7. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-36
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA15-A9 / 0-1 / 02/24/03	RAA15-B11 / 0-1 / 02/25/03	RAA15-B15 / 0-1 / 02/25/03	RAA15-B7 / 0-1 / 02/25/03	RAA15-C17 / 0-1 / 02/25/03	RAA15-D13 / 0-1 / 02/25/03
Semivolatile Organics						
3-Methylcholanthrene	**0.90**	0.29	**7.0**	**1.8**	**4.0**	**2.0**
Benzo(a)anthracene	0.053	9.7	**1.5**	**0.36**	1.5	0.95
Benzo(a)pyrene	0.054	9.6	**1.5**	**0.36**	1.5	0.95
Benzo(b)fluoranthene	0.055	11	**1.5**	**0.36**	1.7	1.2
Benzo(k)fluoranthene	**0.19**	5.2	**1.5**	**0.36**	1.8	1.2
Dibenzo(a,h)anthracene	**0.19**	1.6	**1.5**	**0.36**	**0.80**	0.13
Indeno(1,2,3-cd)pyrene	**0.19**	4.2	**1.5**	**0.36**	0.65	0.50
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 8	See Note 8	See Note 8	See Note 8	See Note 8	See Note 8
Inorganics						
Arsenic	3.00	3.40	2.60	6.70	5.90	5.90

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA15-D8 / 0-1 / 02/27/03	RAA15-E11 / 0-1 / 02/21/03	RAA15-C11 / 1-3 / 02/21/03	RAA15-C11E / 1-3 / 05/05/04	RAA15-C11NE / 1-3 / 05/05/04	RAA15-C11NW / 1-3 / 05/05/04
Semivolatile Organics						
3-Methylcholanthrene	0.25	**4.8**	***0.388***	**0.38**	**0.38**	**0.37**
Benzo(a)anthracene	9.4	1.4	***0.198***	26	12	24
Benzo(a)pyrene	8.7	1.3	***0.198***	14	6.6	13
Benzo(b)fluoranthene	9.8	1.3	***0.198***	14	6.0	12
Benzo(k)fluoranthene	5.9	1.3	***0.198***	18	5.9	14
Dibenzo(a,h)anthracene	1.7	**1.0**	***0.256***	2.3	1.4	2.6
Indeno(1,2,3-cd)pyrene	4.1	0.53	***0.256***	5.7	3.2	6.5
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 8	See Note 8	0.000046	--	--	--
Inorganics						
Arsenic	4.40	1.70	4.30	--	--	--

See notes on page 2.

TABLE E-36
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	COMP-C11 1-3 (See Note 1)	RAA15-A15 3-6 02/21/03	RAA15-C11 3-6 05/05/04	RAA15-E11 3-6 02/27/03	YB-2 4-8 10/06/89	RAA15-C8 6-10 02/26/03
Semivolatile Organics						
3-Methylcholanthrene	0.4	**3.6**	**0.37**	**3.5**	--	**0.85**
Benzo(a)anthracene	15.5	1.8	1.1	4.8	0.30	**0.18**
Benzo(a)pyrene	8.4	2.9	0.57	4.7	0.37	**0.18**
Benzo(b)fluoranthene	8.0	2.0	0.50	4.1	0.38	**0.18**
Benzo(k)fluoranthene	9.5	1.9	0.60	3.5	0.46	**0.18**
Dibenzo(a,h)anthracene	1.6	0.49	0.16	1.1	**1.0**	**0.18**
Indeno(1,2,3-cd)pyrene	3.91	1.7	0.33	3.4	**1.0**	**0.18**
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	0.0000011	--	0.000011	--	0.00000069
Inorganics						
Arsenic	--	5.40	--	7.40	--	2.20

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-YB-1 10-15 01/31/05	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
3-Methylcholanthrene	**0.44**	N/A (See Note 6)	2.16	Not Listed	**Yes**
Benzo(a)anthracene	**0.22**	N/A (See Note 6)	3.25	4	No
Benzo(a)pyrene	**0.22**	N/A (See Note 6)	2.76	0.7	**Yes**
Benzo(b)fluoranthene	**0.22**	N/A (See Note 6)	2.82	4	No
Benzo(k)fluoranthene	**0.22**	N/A (See Note 6)	2.26	40	No
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 6)	0.80	0.8	No
Indeno(1,2,3-cd)pyrene	**0.22**	N/A (See Note 6)	1.52	4	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000091	4.60E-05	N/A (See Note 6)	2.00E-02	No
Inorganics					
Arsenic	4.30	N/A (See Note 6)	4.40	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-C11 (1-3'; 2/21/03), RAA15-C11E (1-3'; 5/5/04), RAA15-C11NE (1-3'; 5/5/04), and RAA15-C11NW (1-3; 5/5/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-37
POST-REMEDIATION CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
PARCEL K10-11-2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
3-Methylcholanthrene	2.16	100 (See Note 3)	No
Benzo(a)anthracene	3.25	100	No
Benzo(a)pyrene	2.76	100	No
Benzo(b)fluoranthene	2.82	100	No
Benzo(k)fluoranthene	2.26	400	No
Dibenzo(a,h)anthracene	0.80	100	No
Indeno(1,2,3-cd)pyrene	1.52	100	No
Inorganics			
Arsenic	4.40	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.
3. The UCL listed for this constituent corresponds to the value of its surrogate, dibenzo(a)anthracene.

Parcel K10-11-3

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TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	0-1	1-3	3-6	4-6	10-12
Parameter / Date Collected:	02/24/03	02/24/03	02/24/03	02/24/03	02/24/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,1,1-Trichloroethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,1,2,2-Tetrachloroethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,1,2-Trichloroethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,1-Dichloroethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,1-Dichloroethene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,2,3-Trichloropropane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,2-Dibromo-3-chloropropane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,2-Dibromoethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,2-Dichloroethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,2-Dichloropropane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
1,4-Dioxane	ND(1.4) J	ND(0.92) J	NA	ND(1.2) J	ND(1.2) J
2-Butanone	ND(0.0068) J	ND(0.0046) J	NA	ND(0.0060) J	ND(0.0061) J
2-Chloro-1,3-butadiene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
2-Chloroethylvinylether	ND(0.014) J	ND(0.0092) J	NA	ND(0.012) J	ND(0.012) J
2-Hexanone	ND(0.027) J	ND(0.018) J	NA	ND(0.024) J	ND(0.024) J
3-Chloropropene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
4-Methyl-2-pentanone	ND(0.027)	ND(0.018)	NA	ND(0.024)	ND(0.024)
Acetone	ND(0.027) J	ND(0.018) J	NA	ND(0.024) J	ND(0.024) J
Acetonitrile	ND(0.14) J	ND(0.092) J	NA	ND(0.12) J	ND(0.12) J
Acrolein	ND(0.14) J	ND(0.092) J	NA	ND(0.12) J	ND(0.12) J
Acrylonitrile	ND(0.14)	ND(0.092)	NA	ND(0.12)	ND(0.12)
Benzene	ND(0.0068)	ND(0.0046)	NA	0.016	ND(0.0061)
Bromodichloromethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Bromoform	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Bromomethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Carbon Disulfide	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Carbon Tetrachloride	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Chlorobenzene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Chloroethane	ND(0.014)	ND(0.0092)	NA	ND(0.012)	ND(0.012)
Chloroform	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Chloromethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
cis-1,3-Dichloropropene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Dibromochloromethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Dibromomethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Dichlorodifluoromethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Ethyl Methacrylate	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Ethylbenzene	ND(0.0068)	ND(0.0046)	NA	0.00082 J	ND(0.0061)
Iodomethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Isobutanol	ND(0.27) J	ND(0.18) J	NA	ND(0.24) J	ND(0.24) J
Methacrylonitrile	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Methyl Methacrylate	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Methylene Chloride	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Propionitrile	ND(0.014)	ND(0.0092)	NA	ND(0.012)	ND(0.012)
Styrene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Tetrachloroethene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Toluene	ND(0.0068)	0.00077 J	NA	0.0059 J	0.0015 J
trans-1,2-Dichloroethene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
trans-1,3-Dichloropropene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
trans-1,4-Dichloro-2-butene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Trichloroethene	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Trichlorofluoromethane	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Vinyl Acetate	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)
Vinyl Chloride	ND(0.014)	ND(0.0092)	NA	ND(0.012)	ND(0.012)
Xylenes (total)	ND(0.0068)	ND(0.0046)	NA	ND(0.0060)	ND(0.0061)

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	0-1	1-3	3-6	4-6	10-12
Parameter / Date Collected:	02/24/03	02/24/03	02/24/03	02/24/03	02/24/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
1,2,4-Trichlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
1,2-Dichlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
1,2-Diphenylhydrazine	ND(3.8)	ND(18)	ND(15)	NA	NA
1,3,5-Trinitrobenzene	ND(18)	ND(86)	ND(72)	NA	NA
1,3-Dichlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
1,3-Dinitrobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
1,4-Dichlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
1,4-Naphthoquinone	ND(18)	ND(86)	ND(72)	NA	NA
1-Naphthylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2,4,5-Trichlorophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2,4,6-Trichlorophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2,4-Dichlorophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2,4-Dimethylphenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2,4-Dinitrophenol	ND(18)	ND(86)	ND(72)	NA	NA
2,4-Dinitrotoluene	ND(3.8)	ND(18)	ND(15)	NA	NA
2,6-Dichlorophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2,6-Dinitrotoluene	ND(3.8)	ND(18)	ND(15)	NA	NA
2-Acetylaminofluorene	ND(7.6)	ND(36)	ND(30)	NA	NA
2-Chloronaphthalene	ND(3.8)	ND(18)	ND(15)	NA	NA
2-Chlorophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2-Methylnaphthalene	ND(3.8)	9.5 J	13 J	NA	NA
2-Methylphenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2-Naphthylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
2-Nitroaniline	ND(18)	ND(86)	ND(72)	NA	NA
2-Nitrophenol	ND(3.8)	ND(18)	ND(15)	NA	NA
2-Picoline	ND(7.6)	ND(36)	ND(30)	NA	NA
3&4-Methylphenol	ND(7.6)	ND(36)	ND(30)	NA	NA
3,3'-Dichlorobenzidine	ND(18)	ND(86)	ND(72)	NA	NA
3,3'-Dimethylbenzidine	ND(18)	ND(86)	ND(72)	NA	NA
3-Methylcholanthrene	ND(18)	ND(86)	ND(72)	NA	NA
3-Nitroaniline	ND(18)	ND(86)	ND(72)	NA	NA
4,6-Dinitro-2-methylphenol	ND(18)	ND(86)	ND(72)	NA	NA
4-Aminobiphenyl	ND(18)	ND(86)	ND(72)	NA	NA
4-Bromophenyl-phenylether	ND(3.8)	ND(18)	ND(15)	NA	NA
4-Chloro-3-Methylphenol	ND(3.8)	ND(18)	ND(15)	NA	NA
4-Chloroaniline	ND(3.8)	ND(18)	ND(15)	NA	NA
4-Chlorobenzilate	ND(3.8)	ND(18)	ND(15)	NA	NA
4-Chlorophenyl-phenylether	ND(3.8)	ND(18)	ND(15)	NA	NA
4-Nitroaniline	ND(18)	ND(86)	ND(72)	NA	NA
4-Nitrophenol	ND(18)	ND(86)	ND(72)	NA	NA
4-Nitroquinoline-1-oxide	ND(38)	ND(180)	ND(150)	NA	NA
4-Phenylenediamine	ND(76)	ND(360)	ND(300)	NA	NA
5-Nitro-o-toluidine	ND(7.6)	ND(36)	ND(30)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(7.6)	ND(36)	ND(30)	NA	NA
a,a'-Dimethylphenethylamine	ND(18)	ND(86)	ND(72)	NA	NA
Acenaphthene	ND(3.8)	ND(18)	1.6 J	NA	NA
Acenaphthylene	2.4 J	44	31	NA	NA
Acetophenone	ND(3.8)	ND(18)	ND(15)	NA	NA
Aniline	1.0 J	ND(18)	ND(15)	NA	NA
Anthracene	1.2 J	19	16	NA	NA
Aramite	ND(18)	ND(86)	ND(72)	NA	NA
Benzidine	ND(38)	ND(180)	ND(150)	NA	NA
Benzo(a)anthracene	6.6	99	52	NA	NA
Benzo(a)pyrene	8.5	110	49	NA	NA
Benzo(b)fluoranthene	8.0	110	40	NA	NA

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	0-1	1-3	3-6	4-6	10-12
Parameter / Date Collected:	02/24/03	02/24/03	02/24/03	02/24/03	02/24/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	2.7 J	35	16	NA	NA
Benzo(k)fluoranthene	8.5	75	41	NA	NA
Benzyl Alcohol	ND(3.8)	ND(18)	ND(15)	NA	NA
bis(2-Chloroethoxy)methane	ND(3.8)	ND(18)	ND(15)	NA	NA
bis(2-Chloroethyl)ether	ND(3.8)	ND(18)	ND(15)	NA	NA
bis(2-Chloroisopropyl)ether	ND(3.8)	ND(18)	ND(15)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(3.8)	ND(18)	ND(15)	NA	NA
Butylbenzylphthalate	ND(3.8)	ND(18)	ND(15)	NA	NA
Chrysene	7.1	100	56	NA	NA
Diallate	ND(7.6)	ND(36)	ND(30)	NA	NA
Dibenzo(a,h)anthracene	0.83 J	12 J	5.3 J	NA	NA
Dibenzofuran	ND(3.8)	1.8 J	2.3 J	NA	NA
Diethylphthalate	ND(3.8)	ND(18)	ND(15)	NA	NA
Dimethylphthalate	ND(3.8)	ND(18)	ND(15)	NA	NA
Di-n-Butylphthalate	ND(3.8)	ND(18)	ND(15)	NA	NA
Di-n-Octylphthalate	ND(3.8)	ND(18)	ND(15)	NA	NA
Diphenylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
Ethyl Methanesulfonate	ND(3.8)	ND(18)	ND(15)	NA	NA
Fluoranthene	14	160	88	NA	NA
Fluorene	ND(3.8)	5.0 J	9.3 J	NA	NA
Hexachlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
Hexachlorobutadiene	ND(3.8)	ND(18)	ND(15)	NA	NA
Hexachlorocyclopentadiene	ND(18)	ND(86)	ND(72)	NA	NA
Hexachloroethane	ND(3.8)	ND(18)	ND(15)	NA	NA
Hexachlorophene	ND(77) J	ND(360) J	ND(8.6) J	NA	NA
Hexachloropropene	ND(38)	ND(180)	ND(150)	NA	NA
Indeno(1,2,3-cd)pyrene	3.4 J	40	17	NA	NA
Isodrin	ND(3.8)	ND(18)	ND(15)	NA	NA
Isophorone	ND(3.8)	ND(18)	ND(15)	NA	NA
Isosafrole	ND(7.6)	ND(36)	ND(30)	NA	NA
Methapyrilene	ND(18)	ND(86)	ND(72)	NA	NA
Methyl Methanesulfonate	ND(3.8)	ND(18)	ND(15)	NA	NA
Naphthalene	0.33 J	17 J	19	NA	NA
Nitrobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosodiethylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosodimethylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitroso-di-n-butylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitroso-di-n-propylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosodiphenylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosomethylethylamine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosomorpholine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosopiperidine	ND(3.8)	ND(18)	ND(15)	NA	NA
N-Nitrosopyrrolidine	ND(3.8)	ND(18)	ND(15)	NA	NA
o,o,o-Triethylphosphorothioate	ND(18)	ND(86)	ND(72)	NA	NA
o-Toluidine	ND(7.6)	ND(36)	ND(30)	NA	NA
p-Dimethylaminoazobenzene	ND(7.6)	ND(36)	ND(30)	NA	NA
Pentachlorobenzene	ND(3.8)	ND(18)	ND(15)	NA	NA
Pentachloroethane	ND(18)	ND(86)	ND(72)	NA	NA
Pentachloronitrobenzene	ND(18)	ND(86)	ND(72)	NA	NA
Pentachlorophenol	ND(18)	ND(86)	ND(72)	NA	NA
Phenacetin	ND(7.6)	ND(36)	ND(30)	NA	NA
Phenanthrene	3.8	53	85	NA	NA
Phenol	ND(3.8)	ND(18)	ND(15)	NA	NA
Pronamide	ND(7.6)	ND(36)	ND(30)	NA	NA
Pyrene	12	220	99	NA	NA
Pyridine	ND(7.6)	ND(36)	ND(30)	NA	NA
Safrole	ND(7.6)	ND(36)	ND(30)	NA	NA
Thionazin	ND(18)	ND(86)	ND(72)	NA	NA

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample ID:	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19	RAA15-A19
Sample Depth(Feet):	0-1	1-3	3-6	4-6	10-12
Parameter / Date Collected:	02/24/03	02/24/03	02/24/03	02/24/03	02/24/03
Furans					
2,3,7,8-TCDF	ND(0.000033)	0.000012 J	ND(0.0000072) X	NA	NA
TCDFs (total)	ND(0.00050) X	ND(0.00011) X	ND(0.000020) X	NA	NA
1,2,3,7,8-PeCDF	0.000011	0.0000036 J	ND(0.00000092)	NA	NA
2,3,4,7,8-PeCDF	0.000018	0.0000050 J	0.0000021 J	NA	NA
PeCDFs (total)	ND(0.0011) X	ND(0.00020) X	ND(0.0000082) X	NA	NA
1,2,3,4,7,8-HxCDF	0.000024	ND(0.000030) X	ND(0.00000090)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00016) X	ND(0.0000039) X	ND(0.00000083)	NA	NA
1,2,3,7,8,9-HxCDF	0.00000067 J	ND(0.0000016) X	ND(0.0000011)	NA	NA
2,3,4,6,7,8-HxCDF	0.000014	0.0000036 J	ND(0.00000095)	NA	NA
HxCDFs (total)	ND(0.00090) X	ND(0.00017) X	ND(0.0000015) X	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000054	0.000014 J	0.0000031 J	NA	NA
1,2,3,4,7,8,9-HpCDF	0.0000072	0.0000071 J	ND(0.0000018) J	NA	NA
HpCDFs (total)	0.00015	0.000040 J	0.0000031 J	NA	NA
OCDF	0.000053 J	0.000013 J	ND(0.0000021) J	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000022)	ND(0.0000026)	ND(0.0000019)	NA	NA
TCDDs (total)	ND(0.0000022)	ND(0.0000026)	ND(0.0000019)	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000018) X	ND(0.0000014) X	ND(0.0000011)	NA	NA
PeCDDs (total)	ND(0.000012) X	ND(0.0000035) X	ND(0.0000011)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000016) X	ND(0.0000030) X	ND(0.0000015)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000043) X	ND(0.0000023) X	ND(0.0000014)	NA	NA
1,2,3,7,8,9-HxCDD	0.0000043 J	ND(0.0000018)	ND(0.0000014)	NA	NA
HxCDDs (total)	ND(0.000046) X	ND(0.000016) X	ND(0.0000014)	NA	NA
1,2,3,4,6,7,8-HpCDD	0.000050	0.0000084 J	ND(0.0000018)	NA	NA
HpCDDs (total)	0.000096	ND(0.000016) X	ND(0.0000018)	NA	NA
OCDD	0.00035 J	0.000041 J	0.000010 J	NA	NA
Total TEQs (WHO TEFs)	0.000027	0.0000087	0.0000034	NA	NA
Inorganics					
Antimony	ND(6.90)	0.450 B	ND(6.80)	NA	NA
Arsenic	4.50	5.00	4.50	NA	NA
Barium	34.5	19.8 B	36.4	NA	NA
Beryllium	0.280 B	0.260 B	0.360 B	NA	NA
Cadmium	1.00	0.580	0.470 B	NA	NA
Chromium	9.90 J	6.80 J	12.1 J	NA	NA
Cobalt	6.10	6.20	4.90 B	NA	NA
Copper	33.3 J	32.5 J	28.1 J	NA	NA
Cyanide	1.20	0.390 B	0.460 B	NA	NA
Lead	173 J	18.8 J	22.3 J	NA	NA
Mercury	0.120	0.140	0.150	NA	NA
Nickel	13.2 J	12.4 J	11.0 J	NA	NA
Selenium	ND(0.580)	ND(0.540)	0.440 B	NA	NA
Silver	ND(1.20)	ND(1.10)	ND(1.10)	NA	NA
Sulfide	ND(11.5)	ND(10.8)	ND(11.2)	NA	NA
Thallium	ND(1.20) J	ND(1.10) J	ND(1.10) J	NA	NA
Tin	ND(4.70)	ND(3.90)	ND(3.80)	NA	NA
Vanadium	13.8 J	9.60 J	11.0 J	NA	NA
Zinc	132 J	43.0 J	44.8 J	NA	NA

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample Depth(Feet):	10-15	1-3	3-6	1-3
Parameter / Date Collected:	02/24/03	05/04/04	05/04/04	05/04/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA
Acetone	NA	NA	NA	NA
Acetonitrile	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA
Benzene	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA
Isobutanol	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA
Styrene	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA
Toluene	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample Depth(Feet):	10-15	1-3	3-6	1-3
Parameter / Date Collected:	02/24/03	05/04/04	05/04/04	05/04/04
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
1,2-Dichlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
1,2-Diphenylhydrazine	ND(0.42)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]
1,3,5-Trinitrobenzene	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
1,3-Dichlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
1,3-Dinitrobenzene	ND(0.42)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
1,4-Dichlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
1,4-Naphthoquinone	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
1-Naphthylamine	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
2,3,4,6-Tetrachlorophenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,4,5-Trichlorophenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,4,6-Trichlorophenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,4-Dichlorophenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,4-Dimethylphenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,4-Dinitrophenol	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]
2,4-Dinitrotoluene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,6-Dichlorophenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2,6-Dinitrotoluene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2-Acetylaminofluorene	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
2-Chloronaphthalene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2-Chlorophenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2-Methylnaphthalene	ND(0.42)	ND(0.38)	6.7	ND(0.38) [ND(0.37)]
2-Methylphenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
2-Naphthylamine	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
2-Nitroaniline	ND(2.0)	ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]
2-Nitrophenol	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
2-Picoline	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
3&4-Methylphenol	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
3,3'-Dichlorobenzidine	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
3,3'-Dimethylbenzidine	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
3-Methylcholanthrene	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
3-Nitroaniline	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
4-Aminobiphenyl	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
4-Bromophenyl-phenylether	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
4-Chloro-3-Methylphenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
4-Chloroaniline	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
4-Chlorobenzilate	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
4-Chlorophenyl-phenylether	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
4-Nitroaniline	ND(2.0)	ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]
4-Nitrophenol	ND(2.0)	ND(1.9) J	ND(1.9) J	ND(1.9) J [ND(1.9) J]
4-Nitroquinoline-1-oxide	ND(4.2)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
4-Phenylenediamine	ND(8.4)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
5-Nitro-o-toluidine	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
7,12-Dimethylbenz(a)anthracene	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
a,a'-Dimethylphenethylamine	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
Acenaphthene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Acenaphthylene	ND(0.42)	7.1	12	3.1 [5.2]
Acetophenone	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Aniline	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Anthracene	ND(0.42)	4.4	7.3	3.0 [5.3]
Aramite	ND(2.0)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
Benzidine	ND(4.2)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
Benzo(a)anthracene	ND(0.42)	16	13	7.9 [13]
Benzo(a)pyrene	ND(0.42)	14	9.7	5.8 [10]
Benzo(b)fluoranthene	ND(0.42)	10	6.3	4.1 [8.1]

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample Depth(Feet):	10-15	1-3	3-6	1-3
Parameter / Date Collected:	02/24/03	05/04/04	05/04/04	05/04/04
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	ND(0.42)	9.0	6.9	4.0 [7.1]
Benzo(k)fluoranthene	ND(0.42)	12	8.3	5.8 [10]
Benzyl Alcohol	ND(0.42)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
bis(2-Chloroethoxy)methane	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
bis(2-Chloroethyl)ether	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
bis(2-Chloroisopropyl)ether	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.38)	ND(0.36)	ND(0.37) [ND(0.37)]
Butylbenzylphthalate	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Chrysene	ND(0.42)	16	14	6.7 [13]
Diallate	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
Dibenzo(a,h)anthracene	ND(0.42)	2.7	ND(0.37)	1.0 [2.0]
Dibenzofuran	ND(0.42)	0.44	0.58	0.66 [1.1]
Diethylphthalate	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Dimethylphthalate	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Di-n-Butylphthalate	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Di-n-Octylphthalate	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Diphenylamine	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Ethyl Methanesulfonate	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Fluoranthene	ND(0.42)	30	19	16 [29]
Fluorene	ND(0.42)	0.72	3.8	0.76 [1.4]
Hexachlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Hexachlorobutadiene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Hexachlorocyclopentadiene	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Hexachloroethane	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Hexachlorophene	ND(300) J	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
Hexachloropropene	ND(4.2)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]
Indeno(1,2,3-cd)pyrene	ND(0.42)	8.2	5.5	3.6 [6.6]
Isodrin	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Isophorone	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Isosafrole	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
Methapyrilene	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
Methyl Methanesulfonate	ND(0.42)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]
Naphthalene	ND(0.42)	3.3	8.8	0.99 [1.9]
Nitrobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
N-Nitrosodiethylamine	ND(0.42)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]
N-Nitrosodimethylamine	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
N-Nitroso-di-n-butylamine	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
N-Nitroso-di-n-propylamine	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
N-Nitrosodiphenylamine	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
N-Nitrosomethylethylamine	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
N-Nitrosomorpholine	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
N-Nitrosopiperidine	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
N-Nitrosopyrrolidine	ND(0.42)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
o,o,o-Triethylphosphorothioate	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
o-Toluidine	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
p-Dimethylaminoazobenzene	ND(0.84)	ND(0.77)	ND(0.74)	ND(0.76) [ND(0.75)]
Pentachlorobenzene	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Pentachloroethane	ND(2.0)	ND(0.38) J	ND(0.37) J	ND(0.38) J [ND(0.37) J]
Pentachloronitrobenzene	ND(2.0)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
Pentachlorophenol	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9) [ND(1.9)]
Phenacetin	ND(0.84)	ND(0.77) J	ND(0.74) J	ND(0.76) J [ND(0.75) J]
Phenanthrene	ND(0.42)	7.4	21	8.3 [12]
Phenol	ND(0.42)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Pronamide	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Pyrene	ND(0.42)	33	35	17 [28]
Pyridine	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Safrole	ND(0.84)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]
Thionazin	ND(2.0)	ND(0.38)	ND(0.37)	ND(0.38) [ND(0.37)]

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample ID:	RAA15-A19	RAA15-A19NE	RAA15-A19NE	RAA15-A19NW
Sample Depth(Feet):	10-15	1-3	3-6	1-3
Parameter / Date Collected:	02/24/03	05/04/04	05/04/04	05/04/04
Furans				
2,3,7,8-TCDF	ND(0.00000023)	NA	NA	NA
TCDFs (total)	ND(0.00000023)	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000016)	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000015)	NA	NA	NA
PeCDFs (total)	ND(0.00000016)	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000013)	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000012)	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000016)	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000014)	NA	NA	NA
HxCDFs (total)	ND(0.00000018) X	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000022)	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NA	NA	NA
HpCDFs (total)	ND(0.00000024)	NA	NA	NA
OCDF	ND(0.00000052) J	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000033)	NA	NA	NA
TCDDs (total)	ND(0.00000033)	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000021)	NA	NA	NA
PeCDDs (total)	ND(0.00000021)	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000025)	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000024)	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000025)	NA	NA	NA
HxCDDs (total)	ND(0.00000025)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000035)	NA	NA	NA
HpCDDs (total)	ND(0.00000035)	NA	NA	NA
OCDD	0.0000013 J	NA	NA	NA
Total TEQs (WHO TEFs)	0.00000039	NA	NA	NA
Inorganics				
Antimony	ND(7.70)	NA	NA	NA
Arsenic	2.20	NA	NA	NA
Barium	32.3	NA	NA	NA
Beryllium	0.380 B	NA	NA	NA
Cadmium	0.810	NA	NA	NA
Chromium	9.90 J	NA	NA	NA
Cobalt	9.40	NA	NA	NA
Copper	17.2 J	NA	NA	NA
Cyanide	ND(0.640)	NA	NA	NA
Lead	8.20 J	NA	NA	NA
Mercury	ND(0.0430)	NA	NA	NA
Nickel	17.1 J	NA	NA	NA
Selenium	ND(0.640)	NA	NA	NA
Silver	ND(1.30)	NA	NA	NA
Sulfide	ND(12.8)	NA	NA	NA
Thallium	0.920 J	NA	NA	NA
Tin	ND(3.90)	NA	NA	NA
Vanadium	11.8 J	NA	NA	NA
Zinc	58.7 J	NA	NA	NA

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample Depth(Feet):	3-6	1-3	3-6	0-1
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/03/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND(0.0066)
1,1,1-Trichloroethane	NA	NA	NA	ND(0.0066)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND(0.0066)
1,1,2-Trichloroethane	NA	NA	NA	ND(0.0066)
1,1-Dichloroethane	NA	NA	NA	ND(0.0066)
1,1-Dichloroethene	NA	NA	NA	ND(0.0066)
1,2,3-Trichloropropane	NA	NA	NA	ND(0.0066)
1,2-Dibromo-3-chloropropane	NA	NA	NA	ND(0.0066)
1,2-Dibromoethane	NA	NA	NA	ND(0.0066)
1,2-Dichloroethane	NA	NA	NA	ND(0.0066)
1,2-Dichloropropane	NA	NA	NA	ND(0.0066)
1,4-Dioxane	NA	NA	NA	ND(0.13) J
2-Butanone	NA	NA	NA	ND(0.013)
2-Chloro-1,3-butadiene	NA	NA	NA	ND(0.0066)
2-Chloroethylvinylether	NA	NA	NA	ND(0.0066)
2-Hexanone	NA	NA	NA	ND(0.013)
3-Chloropropene	NA	NA	NA	ND(0.0066)
4-Methyl-2-pentanone	NA	NA	NA	ND(0.013)
Acetone	NA	NA	NA	ND(0.026)
Acetonitrile	NA	NA	NA	ND(0.13) J
Acrolein	NA	NA	NA	ND(0.13) J
Acrylonitrile	NA	NA	NA	ND(0.0066)
Benzene	NA	NA	NA	ND(0.0066)
Bromodichloromethane	NA	NA	NA	ND(0.0066)
Bromoform	NA	NA	NA	ND(0.0066)
Bromomethane	NA	NA	NA	ND(0.0066)
Carbon Disulfide	NA	NA	NA	ND(0.0066)
Carbon Tetrachloride	NA	NA	NA	ND(0.0066)
Chlorobenzene	NA	NA	NA	ND(0.0066)
Chloroethane	NA	NA	NA	ND(0.0066)
Chloroform	NA	NA	NA	ND(0.0066)
Chloromethane	NA	NA	NA	ND(0.0066)
cis-1,3-Dichloropropene	NA	NA	NA	ND(0.0066)
Dibromochloromethane	NA	NA	NA	ND(0.0066)
Dibromomethane	NA	NA	NA	ND(0.0066)
Dichlorodifluoromethane	NA	NA	NA	ND(0.0066)
Ethyl Methacrylate	NA	NA	NA	ND(0.0066)
Ethylbenzene	NA	NA	NA	ND(0.0066)
Iodomethane	NA	NA	NA	ND(0.0066)
Isobutanol	NA	NA	NA	ND(0.13) J
Methacrylonitrile	NA	NA	NA	ND(0.0066)
Methyl Methacrylate	NA	NA	NA	ND(0.0066)
Methylene Chloride	NA	NA	NA	ND(0.0066)
Propionitrile	NA	NA	NA	ND(0.013) J
Styrene	NA	NA	NA	ND(0.0066)
Tetrachloroethene	NA	NA	NA	ND(0.0066)
Toluene	NA	NA	NA	ND(0.0066)
trans-1,2-Dichloroethene	NA	NA	NA	ND(0.0066)
trans-1,3-Dichloropropene	NA	NA	NA	ND(0.0066)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.0066)
Trichloroethene	NA	NA	NA	ND(0.0066)
Trichlorofluoromethane	NA	NA	NA	ND(0.0066)
Vinyl Acetate	NA	NA	NA	ND(0.0066)
Vinyl Chloride	NA	NA	NA	ND(0.0066)
Xylenes (total)	NA	NA	NA	ND(0.0066)

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample Depth(Feet):	3-6	1-3	3-6	0-1
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/03/04
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
1,2-Dichlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
1,2-Diphenylhydrazine	ND(0.38) J	ND(0.41) J	ND(0.48) J	ND(0.44) J
1,3,5-Trinitrobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
1,3-Dichlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
1,3-Dinitrobenzene	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
1,4-Dichlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
1,4-Naphthoquinone	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
1-Naphthylamine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
2,3,4,6-Tetrachlorophenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,4,5-Trichlorophenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,4,6-Trichlorophenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,4-Dichlorophenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,4-Dimethylphenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,4-Dinitrophenol	ND(1.9)	ND(2.1)	ND(2.4)	ND(2.2)
2,4-Dinitrotoluene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,6-Dichlorophenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2,6-Dinitrotoluene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2-Acetylaminofluorene	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
2-Chloronaphthalene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2-Chlorophenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2-Methylnaphthalene	2.3	ND(0.41)	ND(0.48)	0.25 J
2-Methylphenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
2-Naphthylamine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
2-Nitroaniline	ND(1.9) J	ND(2.1) J	ND(2.4) J	ND(2.2) J
2-Nitrophenol	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
2-Picoline	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
3&4-Methylphenol	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
3,3'-Dichlorobenzidine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
3,3'-Dimethylbenzidine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
3-Methylcholanthrene	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
3-Nitroaniline	ND(1.9)	ND(2.1)	ND(2.4)	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
4-Aminobiphenyl	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
4-Bromophenyl-phenylether	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
4-Chloro-3-Methylphenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
4-Chloroaniline	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
4-Chlorobenzilate	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
4-Chlorophenyl-phenylether	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
4-Nitroaniline	ND(1.9) J	ND(2.1) J	ND(2.4) J	ND(2.2) J
4-Nitrophenol	ND(1.9) J	ND(2.1) J	ND(2.4) J	ND(2.2) J
4-Nitroquinoline-1-oxide	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
4-Phenylenediamine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
5-Nitro-o-toluidine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
7,12-Dimethylbenz(a)anthracene	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
a,a'-Dimethylphenethylamine	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
Acenaphthene	ND(0.38)	0.23 J	ND(0.48)	ND(0.44)
Acenaphthylene	7.2	0.52	ND(0.48)	0.76
Acetophenone	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Aniline	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Anthracene	3.4	0.63	ND(0.48)	0.52
Aramite	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
Benzidine	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
Benzo(a)anthracene	9.8	0.81	ND(0.48)	1.2
Benzo(a)pyrene	6.8	0.56	ND(0.48)	0.92
Benzo(b)fluoranthene	4.6	0.35 J	ND(0.48)	0.87

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample Depth(Feet):	3-6	1-3	3-6	0-1
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/03/04
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	4.7	0.38 J	ND(0.48)	0.74
Benzo(k)fluoranthene	5.4	0.45	ND(0.48)	1.1
Benzyl Alcohol	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
bis(2-Chloroethyl)ether	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.41)	ND(0.47)	0.14 J
Butylbenzylphthalate	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Chrysene	11	0.92	ND(0.48)	1.6
Diallate	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
Dibenzo(a,h)anthracene	1.2	ND(0.41)	ND(0.48)	0.15 J
Dibenzofuran	0.26 J	0.10 J	ND(0.48)	ND(0.44)
Diethylphthalate	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Dimethylphthalate	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Di-n-Butylphthalate	ND(0.38)	ND(0.41)	ND(0.48)	0.11 J
Di-n-Octylphthalate	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Diphenylamine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Ethyl Methanesulfonate	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Fluoranthene	14	1.7	ND(0.48)	2.7
Fluorene	1.4	0.23 J	ND(0.48)	0.13 J
Hexachlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Hexachlorobutadiene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Hexachlorocyclopentadiene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Hexachloroethane	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Hexachlorophene	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
Hexachloropropene	ND(0.38) J	ND(0.41) J	ND(0.48) J	ND(0.44) J
Indeno(1,2,3-cd)pyrene	3.6	0.25 J	ND(0.48)	0.60
Isodrin	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Isophorone	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Isosafrole	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
Methapyrilene	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
Methyl Methanesulfonate	ND(0.38) J	ND(0.41) J	ND(0.48) J	ND(0.44) J
Naphthalene	4.8	0.24 J	ND(0.48)	0.45
Nitrobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
N-Nitrosodiethylamine	ND(0.38) J	ND(0.41) J	ND(0.48) J	ND(0.44) J
N-Nitrosodimethylamine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
N-Nitroso-di-n-butylamine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
N-Nitrosodiphenylamine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
N-Nitrosomethylethylamine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
N-Nitrosomorpholine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
N-Nitrosopiperidine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
N-Nitrosopyrrolidine	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
o-Toluidine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.82)	ND(0.96)	ND(0.88)
Pentachlorobenzene	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Pentachloroethane	ND(0.38) J	ND(0.41) J	ND(0.48) J	ND(0.44) J
Pentachloronitrobenzene	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
Pentachlorophenol	ND(1.9)	ND(2.1)	ND(2.4)	ND(2.2)
Phenacetin	ND(0.76) J	ND(0.82) J	ND(0.96) J	ND(0.88) J
Phenanthrene	10	1.7	ND(0.48)	1.1
Phenol	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Pronamide	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Pyrene	24	1.8	ND(0.48)	2.7
Pyridine	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Safrole	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)
Thionazin	ND(0.38)	ND(0.41)	ND(0.48)	ND(0.44)

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample ID:	RAA15-A19NW	RAA15-A19SE	RAA15-A19SE	RAA15-A19SW
Sample Depth(Feet):	3-6	1-3	3-6	0-1
Parameter Date Collected:	05/04/04	05/04/04	05/04/04	05/03/04
Furans				
2,3,7,8-TCDF	NA	NA	NA	0.000040 Y
TCDFs (total)	NA	NA	NA	0.00053 QI
1,2,3,7,8-PeCDF	NA	NA	NA	0.000025
2,3,4,7,8-PeCDF	NA	NA	NA	0.000099 Q
PeCDFs (total)	NA	NA	NA	0.00056 QI
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.000073
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.000037
1,2,3,7,8,9-HxCDF	NA	NA	NA	0.0000094
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.000074
HxCDFs (total)	NA	NA	NA	0.0011 Q
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.00015 Q
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.000030
HpCDFs (total)	NA	NA	NA	0.00039 Q
OCDF	NA	NA	NA	0.00023
Dioxins				
2,3,7,8-TCDD	NA	NA	NA	0.0000016 Q
TCDDs (total)	NA	NA	NA	0.000012 Q
1,2,3,7,8-PeCDD	NA	NA	NA	0.0000033 Q
PeCDDs (total)	NA	NA	NA	0.000012 Q
1,2,3,4,7,8-HxCDD	NA	NA	NA	0.0000043
1,2,3,6,7,8-HxCDD	NA	NA	NA	0.000011
1,2,3,7,8,9-HxCDD	NA	NA	NA	0.0000087
HxCDDs (total)	NA	NA	NA	0.000072
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.00018
HpCDDs (total)	NA	NA	NA	0.00036
OCDD	NA	NA	NA	0.0016
Total TEQs (WHO TEFs)	NA	NA	NA	0.000085
Inorganics				
Antimony	NA	NA	NA	ND(6.00)
Arsenic	NA	NA	NA	5.50
Barium	NA	NA	NA	36.0
Beryllium	NA	NA	NA	0.250 B
Cadmium	NA	NA	NA	1.60
Chromium	NA	NA	NA	14.0
Cobalt	NA	NA	NA	8.20
Copper	NA	NA	NA	47.0
Cyanide	NA	NA	NA	0.360
Lead	NA	NA	NA	270
Mercury	NA	NA	NA	0.160
Nickel	NA	NA	NA	15.0
Selenium	NA	NA	NA	0.980 J
Silver	NA	NA	NA	ND(1.00)
Sulfide	NA	NA	NA	420
Thallium	NA	NA	NA	ND(1.30) J
Tin	NA	NA	NA	ND(10)
Vanadium	NA	NA	NA	21.0
Zinc	NA	NA	NA	170

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample ID:	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	6-8	6-10
Parameter / Date Collected:	05/03/04	05/03/04	05/03/04	05/03/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0065)	NA	ND(0.0068)	NA
1,1,1-Trichloroethane	ND(0.0065)	NA	ND(0.0068)	NA
1,1,2,2-Tetrachloroethane	ND(0.0065)	NA	ND(0.0068)	NA
1,1,2-Trichloroethane	ND(0.0065)	NA	ND(0.0068)	NA
1,1-Dichloroethane	ND(0.0065)	NA	ND(0.0068)	NA
1,1-Dichloroethene	ND(0.0065)	NA	ND(0.0068)	NA
1,2,3-Trichloropropane	ND(0.0065)	NA	ND(0.0068)	NA
1,2-Dibromo-3-chloropropane	ND(0.0065)	NA	ND(0.0068)	NA
1,2-Dibromoethane	ND(0.0065)	NA	ND(0.0068)	NA
1,2-Dichloroethane	ND(0.0065)	NA	ND(0.0068)	NA
1,2-Dichloropropane	ND(0.0065)	NA	ND(0.0068)	NA
1,4-Dioxane	ND(0.13) J	NA	ND(0.14) J	NA
2-Butanone	ND(0.013)	NA	ND(0.014)	NA
2-Chloro-1,3-butadiene	ND(0.0065)	NA	ND(0.0068)	NA
2-Chloroethylvinylether	ND(0.0065)	NA	ND(0.0068)	NA
2-Hexanone	ND(0.013)	NA	ND(0.014)	NA
3-Chloropropene	ND(0.0065)	NA	ND(0.0068)	NA
4-Methyl-2-pentanone	ND(0.013)	NA	ND(0.014)	NA
Acetone	ND(0.026)	NA	0.018 J	NA
Acetonitrile	ND(0.13) J	NA	ND(0.14) J	NA
Acrolein	ND(0.13) J	NA	ND(0.14) J	NA
Acrylonitrile	ND(0.0065)	NA	ND(0.0068)	NA
Benzene	ND(0.0065)	NA	ND(0.0068)	NA
Bromodichloromethane	ND(0.0065)	NA	ND(0.0068)	NA
Bromoform	ND(0.0065)	NA	ND(0.0068)	NA
Bromomethane	ND(0.0065)	NA	ND(0.0068)	NA
Carbon Disulfide	ND(0.0065)	NA	ND(0.0068)	NA
Carbon Tetrachloride	ND(0.0065)	NA	ND(0.0068)	NA
Chlorobenzene	ND(0.0065)	NA	ND(0.0068)	NA
Chloroethane	ND(0.0065)	NA	ND(0.0068)	NA
Chloroform	ND(0.0065)	NA	ND(0.0068)	NA
Chloromethane	ND(0.0065)	NA	ND(0.0068)	NA
cis-1,3-Dichloropropene	ND(0.0065)	NA	ND(0.0068)	NA
Dibromochloromethane	ND(0.0065)	NA	ND(0.0068)	NA
Dibromomethane	ND(0.0065)	NA	ND(0.0068)	NA
Dichlorodifluoromethane	ND(0.0065)	NA	ND(0.0068)	NA
Ethyl Methacrylate	ND(0.0065)	NA	ND(0.0068)	NA
Ethylbenzene	ND(0.0065)	NA	ND(0.0068)	NA
Iodomethane	ND(0.0065)	NA	ND(0.0068)	NA
Isobutanol	ND(0.13) J	NA	ND(0.14) J	NA
Methacrylonitrile	ND(0.0065)	NA	ND(0.0068)	NA
Methyl Methacrylate	ND(0.0065)	NA	ND(0.0068)	NA
Methylene Chloride	ND(0.0065)	NA	ND(0.0068)	NA
Propionitrile	ND(0.013) J	NA	ND(0.014) J	NA
Styrene	ND(0.0065)	NA	ND(0.0068)	NA
Tetrachloroethene	ND(0.0065)	NA	ND(0.0068)	NA
Toluene	ND(0.0065)	NA	ND(0.0068)	NA
trans-1,2-Dichloroethene	ND(0.0065)	NA	ND(0.0068)	NA
trans-1,3-Dichloropropene	ND(0.0065)	NA	ND(0.0068)	NA
trans-1,4-Dichloro-2-butene	ND(0.0065)	NA	ND(0.0068)	NA
Trichloroethene	ND(0.0065)	NA	ND(0.0068)	NA
Trichlorofluoromethane	ND(0.0065)	NA	ND(0.0068)	NA
Vinyl Acetate	ND(0.0065)	NA	ND(0.0068)	NA
Vinyl Chloride	ND(0.0065)	NA	ND(0.0068)	NA
Xylenes (total)	ND(0.0065)	NA	ND(0.0068)	NA

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample ID:	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW	RAA15-A19SW
Sample Depth(Feet):	1-3	3-6	6-8	6-10
Parameter / Date Collected:	05/03/04	05/03/04	05/03/04	05/03/04
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
1,2,4-Trichlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
1,2-Dichlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
1,2-Diphenylhydrazine	ND(0.43) J [ND(0.45) J]	ND(0.98) J	NA	ND(0.56) J
1,3,5-Trinitrobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
1,3-Dichlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
1,3-Dinitrobenzene	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
1,4-Dichlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
1,4-Naphthoquinone	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
1-Naphthylamine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
2,3,4,6-Tetrachlorophenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,4,5-Trichlorophenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,4,6-Trichlorophenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,4-Dichlorophenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,4-Dimethylphenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,4-Dinitrophenol	ND(2.2) [ND(2.3)]	ND(4.9)	NA	ND(2.8)
2,4-Dinitrotoluene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,6-Dichlorophenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2,6-Dinitrotoluene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2-Acetylaminofluorene	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
2-Chloronaphthalene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2-Chlorophenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2-Methylnaphthalene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2-Methylphenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
2-Naphthylamine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
2-Nitroaniline	ND(2.2) J [ND(2.3) J]	ND(4.9) J	NA	ND(2.8) J
2-Nitrophenol	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
2-Picoline	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
3&4-Methylphenol	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
3,3'-Dichlorobenzidine	ND(0.87) [ND(0.90)]	ND(2.0)	NA	ND(1.1)
3,3'-Dimethylbenzidine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
3-Methylcholanthrene	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
3-Nitroaniline	ND(2.2) [ND(2.3)]	ND(4.9)	NA	ND(2.8)
4,6-Dinitro-2-methylphenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
4-Aminobiphenyl	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
4-Bromophenyl-phenylether	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
4-Chloro-3-Methylphenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
4-Chloroaniline	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
4-Chlorobenzilate	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
4-Chlorophenyl-phenylether	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
4-Nitroaniline	ND(2.2) J [ND(2.3) J]	ND(2.6) J	NA	ND(2.6) J
4-Nitrophenol	ND(2.2) J [ND(2.3) J]	ND(4.9) J	NA	ND(2.8) J
4-Nitroquinoline-1-oxide	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
4-Phenylenediamine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
5-Nitro-o-toluidine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
7,12-Dimethylbenz(a)anthracene	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
a,a'-Dimethylphenethylamine	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
Acenaphthene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Acenaphthylene	0.75 [0.37 J]	ND(0.98)	NA	ND(0.56)
Acetophenone	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Aniline	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Anthracene	0.33 J [0.19 J]	ND(0.98)	NA	ND(0.56)
Aramite	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
Benzidine	ND(0.87) J [ND(0.90) J]	ND(2.0) J	NA	ND(1.1) J
Benzo(a)anthracene	0.49 [0.29 J]	ND(0.98)	NA	ND(0.56)
Benzo(a)pyrene	0.37 J [0.20 J]	0.20 J	NA	0.18 J
Benzo(b)fluoranthene	0.24 J [0.12 J]	ND(0.98)	NA	ND(0.56)

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-A19SW RAA15-A19SW 1-3 05/03/04	RAA15-A19SW RAA15-A19SW 3-6 05/03/04	RAA15-A19SW RAA15-A19SW 6-8 05/03/04	RAA15-A19SW RAA15-A19SW 6-10 05/03/04
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	0.32 J [0.17 J]	ND(0.98)	NA	ND(0.56)
Benzo(k)fluoranthene	0.32 J [0.18 J]	ND(0.98)	NA	ND(0.56)
Benzyl Alcohol	ND(0.87) J [ND(0.90) J]	ND(2.0) J	NA	ND(1.1) J
bis(2-Chloroethoxy)methane	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
bis(2-Chloroethyl)ether	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
bis(2-Chloroisopropyl)ether	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
bis(2-Ethylhexyl)phthalate	ND(0.43) [ND(0.45)]	ND(0.51)	NA	ND(0.50)
Butylbenzylphthalate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Chrysene	0.58 [0.36 J]	ND(0.98)	NA	ND(0.56)
Diallate	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
Dibenzo(a,h)anthracene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Dibenzofuran	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Diethylphthalate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Dimethylphthalate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Di-n-Butylphthalate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Di-n-Octylphthalate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Diphenylamine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Ethyl Methanesulfonate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Fluoranthene	0.74 [0.50]	ND(0.98)	NA	ND(0.56)
Fluorene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Hexachlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Hexachlorobutadiene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Hexachlorocyclopentadiene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Hexachloroethane	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Hexachlorophene	ND(0.87) [ND(0.90)]	ND(2.0)	NA	ND(1.1)
Hexachloropropene	ND(0.43) J [ND(0.45) J]	ND(0.98) J	NA	ND(0.56) J
Indeno(1,2,3-cd)pyrene	0.22 J [0.097 J]	ND(0.98)	NA	ND(0.56)
Isodrin	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Isophorone	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Isosafrole	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
Methapyrilene	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
Methyl Methanesulfonate	ND(0.43) J [ND(0.45) J]	ND(0.98) J	NA	ND(0.56) J
Naphthalene	0.71 [0.27 J]	ND(0.98)	NA	ND(0.56)
Nitrobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
N-Nitrosodiethylamine	ND(0.43) J [ND(0.45) J]	ND(0.98) J	NA	ND(0.56) J
N-Nitrosodimethylamine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
N-Nitroso-di-n-butylamine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
N-Nitroso-di-n-propylamine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
N-Nitrosodiphenylamine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
N-Nitrosomethylethylamine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
N-Nitrosomorpholine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
N-Nitrosopiperidine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
N-Nitrosopyrrolidine	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
o,o,o-Triethylphosphorothioate	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
o-Toluidine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
p-Dimethylaminoazobenzene	ND(0.87) [ND(0.90)]	ND(1.0)	NA	ND(1.0)
Pentachlorobenzene	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Pentachloroethane	ND(0.43) J [ND(0.45) J]	ND(0.98) J	NA	ND(0.56) J
Pentachloronitrobenzene	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
Pentachlorophenol	ND(2.2) [ND(2.3)]	ND(4.9)	NA	ND(2.8)
Phenacetin	ND(0.87) J [ND(0.90) J]	ND(1.0) J	NA	ND(1.0) J
Phenanthrene	0.56 [0.50]	ND(0.98)	NA	ND(0.56)
Phenol	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Pronamide	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Pyrene	1.1 [0.72]	ND(0.98)	NA	ND(0.56)
Pyridine	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Safrole	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)
Thionazin	ND(0.43) [ND(0.45)]	ND(0.98)	NA	ND(0.56)

TABLE E-38
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-A19SW RAA15-A19SW 1-3 05/03/04	RAA15-A19SW RAA15-A19SW 3-6 05/03/04	RAA15-A19SW RAA15-A19SW 6-8 05/03/04	RAA15-A19SW RAA15-A19SW 6-10 05/03/04
Furans				
2,3,7,8-TCDF	0.0000095 Y [0.0000055 Y]	NA	NA	ND(0.000000098) X
TCDFs (total)	0.00011 Q [0.000051 Q]	NA	NA	ND(0.00000012)
1,2,3,7,8-PeCDF	0.0000045 [0.0000026 J]	NA	NA	ND(0.000000094) X
2,3,4,7,8-PeCDF	0.000011 Q [0.0000062]	NA	NA	ND(0.000000064) X
PeCDFs (total)	0.00011 QI [0.000054 Q]	NA	NA	ND(0.000000047)
1,2,3,4,7,8-HxCDF	0.0000094 [0.0000049]	NA	NA	ND(0.00000031)
1,2,3,6,7,8-HxCDF	0.0000040 [0.0000022 J]	NA	NA	ND(0.00000031)
1,2,3,7,8,9-HxCDF	0.0000014 JQ [0.00000094 J]	NA	NA	ND(0.00000031)
2,3,4,6,7,8-HxCDF	0.0000070 [0.0000039]	NA	NA	ND(0.00000031)
HxCDFs (total)	0.00012 Q [0.000061]	NA	NA	ND(0.00000031)
1,2,3,4,6,7,8-HpCDF	0.000026 [0.000011]	NA	NA	0.00000011 J
1,2,3,4,7,8,9-HpCDF	0.0000034 [0.0000017 J]	NA	NA	ND(0.00000031)
HpCDFs (total)	0.000055 [0.000024]	NA	NA	0.00000011
OCDF	0.000025 [0.000013]	NA	NA	ND(0.00000062)
Dioxins				
2,3,7,8-TCDD	0.00000036 J [ND(0.00000024) X]	NA	NA	ND(0.00000012)
TCDDs (total)	0.0000030 [0.0000017]	NA	NA	ND(0.00000029)
1,2,3,7,8-PeCDD	0.00000058 JQ [0.00000028 J]	NA	NA	ND(0.00000031)
PeCDDs (total)	0.0000033 Q [0.0000026 Q]	NA	NA	ND(0.00000031)
1,2,3,4,7,8-HxCDD	0.00000071 J [0.00000030 J]	NA	NA	ND(0.00000031)
1,2,3,6,7,8-HxCDD	0.0000015 J [0.00000067 J]	NA	NA	ND(0.00000031)
1,2,3,7,8,9-HxCDD	0.0000012 J [0.00000048 J]	NA	NA	ND(0.00000031)
HxCDDs (total)	0.000013 [0.0000066]	NA	NA	ND(0.00000051)
1,2,3,4,6,7,8-HpCDD	0.000016 [0.0000093]	NA	NA	ND(0.00000030) X
HpCDDs (total)	0.000035 [0.000018]	NA	NA	ND(0.00000031)
OCDD	0.00016 [0.000081]	NA	NA	ND(0.0000011)
Total TEQs (WHO TEFs)	0.000011 [0.0000057]	NA	NA	0.00000035
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	NA	NA	ND(6.00)
Arsenic	4.30 [6.00]	NA	NA	0.700 B
Barium	29.0 [43.0]	NA	NA	11.0 B
Beryllium	0.290 B [0.400 B]	NA	NA	0.170 B
Cadmium	0.570 [0.870]	NA	NA	0.270 B
Chromium	7.80 [14.0]	NA	NA	3.60
Cobalt	5.30 [8.30]	NA	NA	2.90 B
Copper	22.0 [34.0]	NA	NA	4.00
Cyanide	0.140 [0.130 B]	NA	NA	0.0420 B
Lead	33.0 [54.0]	NA	NA	2.00
Mercury	0.0950 B [0.180]	NA	NA	ND(0.150)
Nickel	9.50 [16.0]	NA	NA	5.30
Selenium	ND(1.00) J [0.730 B]	NA	NA	ND(1.10) J
Silver	ND(1.00) [ND(1.00)]	NA	NA	ND(1.10)
Sulfide	10.0 [11.0]	NA	NA	15.0
Thallium	ND(1.30) J [ND(1.40)]	NA	NA	ND(1.50) J
Tin	ND(10) [5.60 B]	NA	NA	ND(10)
Vanadium	7.90 [13.0]	NA	NA	3.90 B
Zinc	47.0 [90.0]	NA	NA	23.0

Notes:
1. Laboratory qualifiers are defined in Table C-2.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-39
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
AVERAGING AREA K10-11-3

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
Acetone	0.018	6,100	No
Benzene	0.016	1.4	No
Ethylbenzene	0.00082	230	No
Toluene	0.0059	520	No
Semivolatile Organics			
2-Methylnaphthalene	13	190*	No
Acenaphthene	1.6	28,000	No
Acenaphthylene	44	190*	No
Aniline	1	530	No
Anthracene	19	220,000	No
Benzo(a)anthracene	99	3.6	**Yes**
Benzo(a)pyrene	110	0.36	**Yes**
Benzo(b)fluoranthene	110	3.6	**Yes**
Benzo(g,h,i)perylene	35	190*	No
Benzo(k)fluoranthene	75	36	**Yes**
bis(2-Ethylhexyl)phthalate	0.14	210	No
Chrysene	100	360	No
Dibenzo(a,h)anthracene	12	0.36	**Yes**
Dibenzofuran	2.3	3,200	No
Di-n-Butylphthalate	0.11	110,000	No
Fluoranthene	160	37,000	No
Fluorene	9.3	22,000	No
Indeno(1,2,3-cd)pyrene	40	3.6	**Yes**
Naphthalene	19	190	No
Phenanthrene	85	190*	No
Pyrene	220	26,000	No
Inorganics			
Antimony	0.45	750	No
Arsenic	6	3	**Yes**
Barium	43	100,000	No
Beryllium	0.4	3,400	No
Cadmium	1.6	930	No
Chromium	14	450	No
Cobalt	9.4	29,000	No
Copper	47	70,000	No
Cyanide	1.2	35*	No
Lead	270	1,000	No
Mercury	0.18	560	No
Nickel	17.1	37,000	No
Selenium	0.98	9,400	No
Sulfide	420	1,200*	No
Thallium	0.92	150	No
Tin	5.6	100,000	No
Vanadium	21	13,000	No
Zinc	170	100,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-40
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19 0-1 02/24/03	RAA15-A19SW 0-1 05/03/04	Maximum Sample Result	Arithmetic Average Concentration	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Initial Comparison Criteria? (See Note 4)
Semivolatile Organics						
Benzo(a)anthracene	6.6	1.2	N/A (See Note 5)	3.90	1	**Yes**
Benzo(a)pyrene	8.5	0.92	N/A (See Note 5)	4.71	0.7	**Yes**
Benzo(b)fluoranthene	8.0	0.87	N/A (See Note 5)	4.44	1	**Yes**
Benzo(k)fluoranthene	8.5	1.1	N/A (See Note 5)	4.80	10	No
Dibenzo(a,h)anthracene	0.83	0.15	N/A (See Note 5)	0.49	0.7	No
Indeno(1,2,3-cd)pyrene	3.4	0.60	N/A (See Note 5)	2.00	1	**Yes**
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000027	0.000085	8.50E-05	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	4.50	5.50	N/A (See Note 5)	5.00	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
4. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-41
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19 0-1 02/24/03	RAA15-A19SW 0-1 05/03/04	RAA15-A19 1-3 02/24/03	RAA15-A19NE 1-3 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19SE 1-3 05/04/04
Semivolatile Organics						
Benzo(a)anthracene	6.6	1.2	99	16	10	0.81
Benzo(a)pyrene	8.5	0.92	110	14	7.9	0.56
Benzo(b)fluoranthene	8.0	0.87	110	10	6.1	0.35
Benzo(k)fluoranthene	8.5	1.1	75	12	7.9	0.45
Dibenzo(a,h)anthracene	0.83	0.15	12	2.7	1.5	**0.21**
Indeno(1,2,3-cd)pyrene	3.4	0.60	40	8.2	5.1	0.25
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000027	0.000085	0.0000087	--	--	--
Inorganics						
Arsenic	4.50	5.50	5.00	--	--	--

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19SW 1-3 05/03/04	COMP-A19 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	0.39	25.2	N/A (See Note 6)	11.01	1	**Yes**
Benzo(a)pyrene	0.29	26.6	N/A (See Note 6)	11.99	0.7	**Yes**
Benzo(b)fluoranthene	0.18	25.3	N/A (See Note 6)	11.40	1	**Yes**
Benzo(k)fluoranthene	0.25	19.1	N/A (See Note 6)	9.57	10	No
Dibenzo(a,h)anthracene	**0.22**	3.3	N/A (See Note 6)	1.44	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	0.16	10.7	N/A (See Note 6)	4.91	1	**Yes**
Dioxins/Furans						
Total TEQs (WHO TEFs)	*0.000011*	--	8.50E-05	N/A (See Note 6)	5.00E-03	No
Inorganics						
Arsenic	5.15	--	N/A (See Note 6)	5.04	30	No

See notes on page 2.

TABLE E-41
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (1-3'; 2/24/03), RAA15-A19NW (1-3', 5/4/04), RAA15-A19NE (1-3'; 5/4/04), RAA15-A19SW (1-3'; 5/3/04), and RAA15-A19SE (1-3'; 5/4/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-42
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-11-3 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19 1-3 02/24/03	RAA15-A19NE 1-3 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19SE 1-3 05/04/04	RAA15-A19SW 1-3 05/03/04
Semivolatile Organics					
Benzo(a)anthracene	99	16	10	0.81	0.39
Benzo(a)pyrene	110	14	7.9	0.56	0.29
Benzo(b)fluoranthene	110	10	6.1	0.35	0.18
Benzo(k)fluoranthene	75	12	7.9	0.45	0.25
Dibenzo(a,h)anthracene	12	2.7	1.5	**0.21**	**0.22**
Indeno(1,2,3-cd)pyrene	40	8.2	5.1	0.25	0.16
Inorganics					
Arsenic	5.00	--	--	--	5.15

Sample ID: Sample Depth (Feet): Parameter Date Collected:	COMP-A19 1-3 (See Note 1)	RAA15-A19 3-6 02/24/03	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 3-6 05/04/04	RAA15-A19SE 3-6 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	25.2	52	13	9.8	**0.24**
Benzo(a)pyrene	26.6	49	9.7	6.8	**0.24**
Benzo(b)fluoranthene	25.3	40	6.3	4.6	**0.24**
Benzo(k)fluoranthene	19.1	41	8.3	5.4	**0.24**
Dibenzo(a,h)anthracene	3.3	5.3	**0.19**	1.2	**0.24**
Indeno(1,2,3-cd)pyrene	10.7	17	5.5	3.6	**0.24**
Inorganics					
Arsenic	--	4.50	--	--	--

See notes on page 2.

TABLE E-42
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-11-3 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	COMP-A19 3-6 (See Note 2)	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
Benzo(a)anthracene	**0.49**	15.1	20.17	4	**Yes**
Benzo(a)pyrene	0.20	13.2	19.87	0.7	**Yes**
Benzo(b)fluoranthene	**0.49**	10.3	17.83	4	**Yes**
Benzo(k)fluoranthene	**0.49**	11.1	15.10	40	No
Dibenzo(a,h)anthracene	**0.49**	1.5	2.41	0.8	**Yes**
Indeno(1,2,3-cd)pyrene	**0.49**	5.4	8.05	4	**Yes**
Inorganics					
Arsenic	--	--	4.88	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (1-3'; 2/24/03), RAA15-A19NW (1-3', 5/4/04), RAA15-A19NE (1-3'; 5/4/04), RAA15-A19SW (1-3'; 5/3/04), and RAA15-A19SE (1-3'; 5/4/04).
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (3-6'; 2/24/03), RAA15-A19NW (3-6', 5/4/04), RAA15-A19NE (3-6'; 5/4/04), RAA15-A19SW (3-6'; 5/3/04), and RAA15-A19SE (3-6'; 5/4/04).
3. The constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2 or GW-3 groundwater (whichever is more stringent).
6. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
7. -- = Constituent not subject to analysis.

TABLE E-43
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19 0-1 02/24/03	RAA15-A19SW 0-1 05/03/04	RAA15-A19 1-3 02/24/03	RAA15-A19NE 1-3 05/04/04	RAA15-A19NW 1-3 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	6.6	1.2	99	16	10
Benzo(a)pyrene	8.5	0.92	110	14	7.9
Benzo(b)fluoranthene	8.0	0.87	110	10	6.1
Benzo(k)fluoranthene	8.5	1.1	75	12	7.9
Dibenzo(a,h)anthracene	0.83	0.15	12	2.7	1.5
Indeno(1,2,3-cd)pyrene	3.4	0.60	40	8.2	5.1
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 8	See Note 8	0.0000087	--	--
Inorganics					
Arsenic	4.50	5.50	5.00	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SW 1-3 05/03/04	COMP-A19 1-3 (See Note 1)	RAA15-A19 3-6 02/24/03	RAA15-A19NE 3-6 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	0.81	0.39	25.2	52	13
Benzo(a)pyrene	0.56	0.29	26.6	49	9.7
Benzo(b)fluoranthene	0.35	0.18	25.3	40	6.3
Benzo(k)fluoranthene	0.45	0.25	19.1	41	8.3
Dibenzo(a,h)anthracene	**0.21**	**0.22**	3.3	5.3	**0.19**
Indeno(1,2,3-cd)pyrene	0.25	0.16	10.7	17	5.5
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	*0.000011*	--	0.0000034	--
Inorganics					
Arsenic	--	5.15	--	4.50	--

See notes on page 3.

TABLE E-43
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19NW 3-6 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 3-6 05/03/04	COMP-A19 3-6 (See Note 2)	RAA15-A19SW 6-10 05/03/04
Semivolatile Organics					
Benzo(a)anthracene	9.8	**0.24**	**0.49**	15.1	**0.28**
Benzo(a)pyrene	6.8	**0.24**	0.20	13.2	0.18
Benzo(b)fluoranthene	4.6	**0.24**	**0.49**	10.3	**0.28**
Benzo(k)fluoranthene	5.4	**0.24**	**0.49**	11.1	**0.28**
Dibenzo(a,h)anthracene	1.2	**0.24**	**0.49**	1.5	**0.28**
Indeno(1,2,3-cd)pyrene	3.6	**0.24**	**0.49**	5.4	**0.28**
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	0.00000035
Inorganics					
Arsenic	--	--	--	--	0.700

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19 10-15 02/24/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Initial Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)anthracene	**0.21**	N/A (See Note 7)	8.11	4	**Yes**
Benzo(a)pyrene	**0.21**	N/A (See Note 7)	8.26	0.7	**Yes**
Benzo(b)fluoranthene	**0.21**	N/A (See Note 7)	7.50	4	**Yes**
Benzo(k)fluoranthene	**0.21**	N/A (See Note 7)	6.72	40	No
Dibenzo(a,h)anthracene	**0.21**	N/A (See Note 7)	1.05	0.8	**Yes**
Indeno(1,2,3-cd)pyrene	**0.21**	N/A (See Note 7)	3.43	4	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000039	1.10E-05	N/A (See Note 7)	2.00E-02	No
Inorganics					
Arsenic	2.20	N/A (See Note 7)	3.94	30	No

See notes on page 3.

TABLE E-43
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (1-3'; 2/24/03), RAA15-A19NW (1-3', 5/4/04), RAA15-A19NE (1-3'; 5/4/04), RAA15-A19SW (1-3'; 5/3/04), and RAA15-A19SE (1-3'; 5/4/04).
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (3-6'; 2/24/03), RAA15-A19NW (3-6', 5/4/04), RAA15-A19NE (3-6'; 5/4/04), RAA15-A19SW (3-6'; 5/3/04), and RAA15-A19SE (3-6'; 5/4/04).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.
9. -- = Constituent not subject to analysis.
10. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-44
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19 0-1 02/24/03	RAA15-A19SW 0-1 05/03/04	RAA15-A19 1-3 02/24/03	RAA15-A19NE 1-3 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19SE 1-3 05/04/04
Semivolatile Organics						
Benzo(a)anthracene	6.6	1.2	***0.198***	16	10	0.81
Benzo(a)pyrene	8.5	0.92	***0.198***	14	7.9	0.56
Benzo(b)fluoranthene	8.0	0.87	***0.198***	10	6.1	0.35
Benzo(k)fluoranthene	8.5	1.1	***0.198***	12	7.9	0.45
Dibenzo(a,h)anthracene	0.83	0.15	***0.256***	2.7	1.5	**0.21**
Indeno(1,2,3-cd)pyrene	3.4	0.60	***0.256***	8.2	5.1	0.25
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000027	0.000085	0.0000087	--	--	--
Inorganics						
Arsenic	4.50	5.50	5.00	--	--	--

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19SW 1-3 05/03/04	COMP-A19 1-3 (See Note 1)	Maximum Sample Result	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics						
Benzo(a)anthracene	0.39	5.5	N/A (See Note 6)	4.43	1	**Yes**
Benzo(a)pyrene	0.29	4.6	N/A (See Note 6)	4.67	0.7	**Yes**
Benzo(b)fluoranthene	0.18	3.4	N/A (See Note 6)	4.08	1	**Yes**
Benzo(k)fluoranthene	0.25	4.2	N/A (See Note 6)	4.59	10	No
Dibenzo(a,h)anthracene	**0.22**	1.0	N/A (See Note 6)	0.65	0.7	No
Indeno(1,2,3-cd)pyrene	0.16	2.8	N/A (See Note 6)	2.26	1	**Yes**
Dioxins/Furans						
Total TEQs (WHO TEFs)	*0.000011*	--	8.50E-05	N/A (See Note 6)	5.00E-03	No
Inorganics						
Arsenic	5.15	--	N/A (See Note 6)	5.04	30	No

See notes on page 2.

TABLE E-44
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (1-3'; 2/24/03), RAA15-A19NW (1-3', 5/4/04), RAA15-A19NE (1-3'; 5/4/04), RAA15-A19SW (1-3'; 5/3/04), and RAA15-A19SE (1-3'; 5/4/04).
2. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
3. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
6. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
7. -- = Constituent not subject to analysis.
8. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-45
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-11-3 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19 1-3 02/24/03	RAA15-A19NE 1-3 05/04/04	RAA15-A19NW 1-3 05/04/04	RAA15-A19SE 1-3 05/04/04	RAA15-A19SW 1-3 05/03/04
Semivolatile Organics					
Benzo(a)anthracene	***0.198***	16	10	0.81	0.39
Benzo(a)pyrene	***0.198***	14	7.9	0.56	0.29
Benzo(b)fluoranthene	***0.198***	10	6.1	0.35	0.18
Benzo(k)fluoranthene	***0.198***	12	7.9	0.45	0.25
Dibenzo(a,h)anthracene	***0.256***	2.7	1.5	**0.21**	**0.22**
Indeno(1,2,3-cd)pyrene	***0.256***	8.2	5.1	0.25	0.16
Inorganics					
Arsenic	5.00	--	--	--	5.15

Sample ID: Sample Depth (Feet): Parameter Date Collected:	COMP-A19 1-3 (See Note 1)	RAA15-A19 3-6 02/24/03	RAA15-A19NE 3-6 05/04/04	RAA15-A19NW 3-6 05/04/04	RAA15-A19SE 3-6 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	5.5	***0.198***	13	9.8	**0.24**
Benzo(a)pyrene	4.6	***0.198***	9.7	6.8	**0.24**
Benzo(b)fluoranthene	3.4	***0.198***	6.3	4.6	**0.24**
Benzo(k)fluoranthene	4.2	***0.198***	8.3	5.4	**0.24**
Dibenzo(a,h)anthracene	1.0	***0.256***	**0.19**	1.2	**0.24**
Indeno(1,2,3-cd)pyrene	2.8	***0.256***	5.5	3.6	**0.24**
Inorganics					
Arsenic	--	4.50	--	--	--

See notes on page 2.

TABLE E-45
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
AVERAGING AREA K10-11-3 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A19SW 3-6 05/03/04	COMP-A19 3-6 (See Note 2)	Arithmetic Average Concentration (See Note 4)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 5)	Constituent Exceeds Initial Comparison Criteria? (See Note 6)
Semivolatile Organics					
Benzo(a)anthracene	**0.49**	4.7	5.11	4	**Yes**
Benzo(a)pyrene	0.20	3.4	4.01	0.7	**Yes**
Benzo(b)fluoranthene	**0.49**	2.4	2.87	4	No
Benzo(k)fluoranthene	**0.49**	2.9	3.54	40	No
Dibenzo(a,h)anthracene	**0.49**	0.5	0.73	0.8	No
Indeno(1,2,3-cd)pyrene	**0.49**	2.0	2.41	4	No
Inorganics					
Arsenic	--	--	4.88	30	No

Notes:
1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (1-3'; 2/24/03), RAA15-A19NW (1-3', 5/4/04), RAA15-A19NE (1-3'; 5/4/04), RAA15-A19SW (1-3'; 5/3/04), and RAA15-A19SE (1-3'; 5/4/04).
2. The SVOC results presented for this sample location represent the average results from the following samples(depth; date collected): RAA15-A19 (3-6'; 2/24/03), RAA15-A19NW (3-6', 5/4/04), RAA15-A19NE (3-6'; 5/4/04), RAA15-A19SW (3-6'; 5/3/04), and RAA15-A19SE (3-6'; 5/4/04).
3. The constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
4. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
5. The Method 1 S-3 soil standards listed are those associated with GW-2 or GW-3 groundwater (whichever is more stringent).
6. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.
7. -- = Constituent not subject to analysis.
8. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-46
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19 0-1 02/24/03	RAA15-A19SW 0-1 05/03/04	RAA15-A19 1-3 02/24/03	RAA15-A19NE 1-3 05/04/04	RAA15-A19NW 1-3 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	6.6	1.2	***0.198***	16	10
Benzo(a)pyrene	8.5	0.92	***0.198***	14	7.9
Benzo(b)fluoranthene	8.0	0.87	***0.198***	10	6.1
Benzo(k)fluoranthene	8.5	1.1	***0.198***	12	7.9
Dibenzo(a,h)anthracene	0.83	0.15	***0.256***	2.7	1.5
Indeno(1,2,3-cd)pyrene	3.4	0.60	***0.256***	8.2	5.1
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 8	See Note 8	0.0000087	--	--
Inorganics					
Arsenic	4.50	5.50	5.00	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19SE 1-3 05/04/04	RAA15-A19SW 1-3 05/03/04	COMP-A19 1-3 (See Note 1)	RAA15-A19 3-6 02/24/03	RAA15-A19NE 3-6 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	0.81	0.39	5.5	***0.198***	13
Benzo(a)pyrene	0.56	0.29	4.6	***0.198***	9.7
Benzo(b)fluoranthene	0.35	0.18	3.4	***0.198***	6.3
Benzo(k)fluoranthene	0.45	0.25	4.2	***0.198***	8.3
Dibenzo(a,h)anthracene	**0.21**	**0.22**	1.0	***0.256***	**0.19**
Indeno(1,2,3-cd)pyrene	0.25	0.16	2.8	***0.256***	5.5
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	*0.000011*	--	0.0000034	--
Inorganics					
Arsenic	--	5.15	--	4.50	--

See notes on page 3.

TABLE E-46
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19NW 3-6 05/04/04	RAA15-A19SE 3-6 05/04/04	RAA15-A19SW 3-6 05/03/04	COMP-A19 3-6 (See Note 2)	RAA15-A19SW 6-10 05/03/04
Semivolatile Organics					
Benzo(a)anthracene	9.8	**0.24**	**0.49**	4.7	**0.28**
Benzo(a)pyrene	6.8	**0.24**	0.20	3.4	0.18
Benzo(b)fluoranthene	4.6	**0.24**	**0.49**	2.4	**0.28**
Benzo(k)fluoranthene	5.4	**0.24**	**0.49**	2.9	**0.28**
Dibenzo(a,h)anthracene	1.2	**0.24**	**0.49**	0.5	**0.28**
Indeno(1,2,3-cd)pyrene	3.6	**0.24**	**0.49**	2.0	**0.28**
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	0.00000035
Inorganics					
Arsenic	--	--	--	--	0.700

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A19 10-15 02/24/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Initial Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)anthracene	**0.21**	N/A (See Note 7)	3.09	4	No
Benzo(a)pyrene	**0.21**	N/A (See Note 7)	2.97	0.7	**Yes**
Benzo(b)fluoranthene	**0.21**	N/A (See Note 7)	2.52	4	No
Benzo(k)fluoranthene	**0.21**	N/A (See Note 7)	2.86	40	No
Dibenzo(a,h)anthracene	**0.21**	N/A (See Note 7)	0.49	0.8	No
Indeno(1,2,3-cd)pyrene	**0.21**	N/A (See Note 7)	1.55	4	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000039	1.10E-05	N/A (See Note 7)	2.00E-02	No
Inorganics					
Arsenic	2.20	N/A (See Note 7)	3.94	30	No

See notes on page 3.

TABLE E-46
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (1-3'; 2/24/03), RAA15-A19NW (1-3', 5/4/04), RAA15-A19NE (1-3'; 5/4/04), RAA15-A19SW (1-3'; 5/3/04), and RAA15-A19SE (1-3'; 5/4/04).
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-A19 (3-6'; 2/24/03), RAA15-A19NW (3-6', 5/4/04), RAA15-A19NE (3-6'; 5/4/04), RAA15-A19SW (3-6'; 5/3/04), and RAA15-A19SE (3-6'; 5/4/04).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. Total TEQs (WHO TEFs) were evaluated for the 1- to 15-foot depth increment only.
9. -- = Constituent not subject to analysis.
10. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
11. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of remedial actions. The backfill concentration correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-47
POST-REMEDIATION CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
PARCEL K10-11-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	3.09	100	No
Benzo(a)pyrene	2.97	100	No
Benzo(b)fluoranthene	2.52	100	No
Benzo(k)fluoranthene	2.86	400	No
Dibenzo(a,h)anthracene	0.49	100	No
Indeno(1,2,3-cd)pyrene	1.55	100	No
Inorganics			
Arsenic	3.94	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Parcel K10-11-5

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TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample Depth(Feet):	0-1	3-6	4-6	0-1
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,1,1-Trichloroethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,1,2,2-Tetrachloroethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,1,2-Trichloroethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,1-Dichloroethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,1-Dichloroethene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,2,3-Trichloropropane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,2-Dibromo-3-chloropropane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,2-Dibromoethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,2-Dichloroethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,2-Dichloropropane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
1,4-Dioxane	ND(1.0) J	NA	ND(0.93) J	ND(1.0) J
2-Butanone	ND(0.0052) J	NA	0.0030 J	ND(0.0051) J
2-Chloro-1,3-butadiene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
2-Chloroethylvinylether	ND(0.010) J	NA	ND(0.0093) J	ND(0.010) J
2-Hexanone	ND(0.021) J	NA	ND(0.019) J	ND(0.020) J
3-Chloropropene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
4-Methyl-2-pentanone	ND(0.021) J	NA	ND(0.019) J	ND(0.020) J
Acetone	ND(0.021)	NA	0.013 J	ND(0.020)
Acetonitrile	ND(0.10) J	NA	ND(0.093) J	ND(0.10) J
Acrolein	ND(0.10) J	NA	ND(0.093) J	ND(0.10) J
Acrylonitrile	ND(0.10)	NA	ND(0.093)	ND(0.10)
Benzene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Bromodichloromethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Bromoform	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Bromomethane	ND(0.0052) J	NA	ND(0.0046) J	ND(0.0051) J
Carbon Disulfide	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Carbon Tetrachloride	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Chlorobenzene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Chloroethane	ND(0.010) J	NA	ND(0.0093) J	ND(0.010) J
Chloroform	ND(0.0052)	NA	0.0018 J	ND(0.0051)
Chloromethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
cis-1,3-Dichloropropene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Dibromochloromethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Dibromomethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Dichlorodifluoromethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Ethyl Methacrylate	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Ethylbenzene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Iodomethane	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Isobutanol	ND(0.21) J	NA	ND(0.19) J	ND(0.20) J
Methacrylonitrile	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Methyl Methacrylate	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Methylene Chloride	0.0024 J	NA	0.0012 J	0.0018 J
Propionitrile	ND(0.010)	NA	ND(0.0093)	ND(0.010)
Styrene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Tetrachloroethene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Toluene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
trans-1,2-Dichloroethene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
trans-1,3-Dichloropropene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
trans-1,4-Dichloro-2-butene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Trichloroethene	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Trichlorofluoromethane	ND(0.0052) J	NA	ND(0.0046) J	ND(0.0051) J
Vinyl Acetate	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)
Vinyl Chloride	ND(0.010)	NA	ND(0.0093)	ND(0.010)
Xylenes (total)	ND(0.0052)	NA	ND(0.0046)	ND(0.0051)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample Depth(Feet):	0-1	3-6	4-6	0-1
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,2,4-Trichlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,2-Dichlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,2-Diphenylhydrazine	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,3,5-Trinitrobenzene	ND(36)	ND(1.8)	NA	ND(7.1)
1,3-Dichlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,3-Dinitrobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,4-Dichlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
1,4-Naphthoquinone	ND(36)	ND(1.8)	NA	ND(7.1)
1-Naphthylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,3,4,6-Tetrachlorophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,4,5-Trichlorophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,4,6-Trichlorophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,4-Dichlorophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,4-Dimethylphenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,4-Dinitrophenol	ND(36)	ND(1.8)	NA	ND(7.1)
2,4-Dinitrotoluene	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,6-Dichlorophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2,6-Dinitrotoluene	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Acetylaminofluorene	ND(15)	ND(0.73)	NA	ND(2.9)
2-Chloronaphthalene	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Chlorophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Methylnaphthalene	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Methylphenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Naphthylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Nitroaniline	ND(36)	ND(1.8)	NA	ND(7.1)
2-Nitrophenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
2-Picoline	ND(15)	ND(0.73)	NA	ND(2.9)
3&4-Methylphenol	ND(15)	ND(0.73)	NA	ND(2.9)
3,3'-Dichlorobenzidine	ND(36)	ND(1.8)	NA	ND(7.1)
3,3'-Dimethylbenzidine	ND(36)	ND(1.8)	NA	ND(7.1)
3-Methylcholanthrene	ND(36)	ND(1.8)	NA	ND(7.1)
3-Nitroaniline	ND(36)	ND(1.8)	NA	ND(7.1)
4,6-Dinitro-2-methylphenol	ND(36)	ND(1.8)	NA	ND(7.1)
4-Aminobiphenyl	ND(36)	ND(1.8)	NA	ND(7.1)
4-Bromophenyl-phenylether	ND(7.4)	ND(0.36)	NA	ND(1.5)
4-Chloro-3-Methylphenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
4-Chloroaniline	ND(7.4)	ND(0.36)	NA	ND(1.5)
4-Chlorobenzilate	ND(7.4)	ND(0.36)	NA	ND(1.5)
4-Chlorophenyl-phenylether	ND(7.4)	ND(0.36)	NA	ND(1.5)
4-Nitroaniline	ND(36)	ND(1.8)	NA	ND(7.1)
4-Nitrophenol	ND(36)	ND(1.8)	NA	ND(7.1)
4-Nitroquinoline-1-oxide	ND(74)	ND(3.6)	NA	ND(15)
4-Phenylenediamine	ND(150)	ND(7.3)	NA	ND(29)
5-Nitro-o-toluidine	ND(15)	ND(0.73)	NA	ND(2.9)
7,12-Dimethylbenz(a)anthracene	ND(15)	ND(0.73)	NA	ND(2.9)
a,a'-Dimethylphenethylamine	ND(36)	ND(1.8)	NA	ND(7.1)
Acenaphthene	1.2 J	0.048 J	NA	0.24 J
Acenaphthylene	ND(7.4)	0.026 J	NA	0.47 J
Acetophenone	ND(7.4)	ND(0.36)	NA	ND(1.5)
Aniline	ND(7.4)	ND(0.36)	NA	ND(1.5)
Anthracene	2.9 J	0.18 J	NA	0.76 J
Aramite	ND(36)	ND(1.8)	NA	ND(7.1)
Benzidine	ND(74)	ND(3.6)	NA	ND(15)
Benzo(a)anthracene	6.5 J	0.40	NA	1.8
Benzo(a)pyrene	5.8 J	0.37	NA	1.9
Benzo(b)fluoranthene	4.9 J	0.34 J	NA	1.7

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample Depth(Feet):	0-1	3-6	4-6	0-1
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	1.9 J	0.14 J	NA	0.64 J
Benzo(k)fluoranthene	5.7 J	0.31 J	NA	2.0
Benzyl Alcohol	ND(7.4)	ND(0.36)	NA	ND(1.5)
bis(2-Chloroethoxy)methane	ND(7.4)	ND(0.36)	NA	ND(1.5)
bis(2-Chloroethyl)ether	ND(7.4)	ND(0.36)	NA	ND(1.5)
bis(2-Chloroisopropyl)ether	ND(7.4)	ND(0.36)	NA	ND(1.5)
bis(2-Ethylhexyl)phthalate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Butylbenzylphthalate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Chrysene	6.7 J	0.42	NA	2.1
Diallate	ND(15)	ND(0.73)	NA	ND(2.9)
Dibenzo(a,h)anthracene	ND(7.4)	0.050 J	NA	0.23 J
Dibenzofuran	0.74 J	0.040 J	NA	0.16 J
Diethylphthalate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Dimethylphthalate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Di-n-Butylphthalate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Di-n-Octylphthalate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Diphenylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
Ethyl Methanesulfonate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Fluoranthene	15	0.86	NA	4.6
Fluorene	1.4 J	0.057 J	NA	0.38 J
Hexachlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
Hexachlorobutadiene	ND(7.4)	ND(0.36)	NA	ND(1.5)
Hexachlorocyclopentadiene	ND(36)	ND(1.8)	NA	ND(7.1)
Hexachloroethane	ND(7.4)	ND(0.36)	NA	ND(1.5)
Hexachlorophene	ND(150)	ND(7.4)	NA	ND(30)
Hexachloropropene	ND(74)	ND(3.6)	NA	ND(15)
Indeno(1,2,3-cd)pyrene	2.3 J	0.18 J	NA	0.76 J
Isodrin	ND(7.4)	ND(0.36)	NA	ND(1.5)
Isophorone	ND(7.4)	ND(0.36)	NA	ND(1.5)
Isosafrole	ND(15)	ND(0.73)	NA	ND(2.9)
Methapyrilene	ND(36)	ND(1.8)	NA	ND(7.1)
Methyl Methanesulfonate	ND(7.4)	ND(0.36)	NA	ND(1.5)
Naphthalene	ND(7.4)	0.024 J	NA	0.13 J
Nitrobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosodiethylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosodimethylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitroso-di-n-butylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitroso-di-n-propylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosodiphenylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosomethylethylamine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosomorpholine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosopiperidine	ND(7.4)	ND(0.36)	NA	ND(1.5)
N-Nitrosopyrrolidine	ND(7.4)	ND(0.36)	NA	ND(1.5)
o,o,o-Triethylphosphorothioate	ND(36)	ND(1.8)	NA	ND(7.1)
o-Toluidine	ND(15)	ND(0.73)	NA	ND(2.9)
p-Dimethylaminoazobenzene	ND(15)	ND(0.73)	NA	ND(2.9)
Pentachlorobenzene	ND(7.4)	ND(0.36)	NA	ND(1.5)
Pentachloroethane	ND(36)	ND(1.8)	NA	ND(7.1)
Pentachloronitrobenzene	ND(36)	ND(1.8)	NA	ND(7.1)
Pentachlorophenol	ND(36)	ND(1.8)	NA	ND(7.1)
Phenacetin	ND(15)	ND(0.73)	NA	ND(2.9)
Phenanthrene	12	0.67	NA	3.1
Phenol	ND(7.4)	ND(0.36)	NA	ND(1.5)
Pronamide	ND(15)	ND(0.73)	NA	ND(2.9)
Pyrene	10	0.62	NA	2.9
Pyridine	ND(15)	ND(0.73)	NA	ND(2.9)
Safrole	ND(15)	ND(0.73)	NA	ND(2.9)
Thionazin	ND(36)	ND(1.8)	NA	ND(7.1)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample ID:	RAA15-A26	RAA15-A26	RAA15-A26	RAA15-B21
Sample Depth(Feet):	0-1	3-6	4-6	0-1
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03
Furans				
2,3,7,8-TCDF	0.0000073 J	ND(0.0000028) X	NA	ND(0.00000054) X
TCDFs (total)	ND(0.000080) X	ND(0.000023) X	NA	ND(0.0000031) X
1,2,3,7,8-PeCDF	0.0000028 J	ND(0.00000047)	NA	ND(0.00000011)
2,3,4,7,8-PeCDF	0.0000047 J	ND(0.00000077) X	NA	0.00000026 J
PeCDFs (total)	ND(0.00023) X	ND(0.000038) X	NA	ND(0.0000091) X
1,2,3,4,7,8-HxCDF	ND(0.000039) X	ND(0.0000011) X	NA	0.00000028 J
1,2,3,6,7,8-HxCDF	0.0000054 J	ND(0.0000046) X	NA	ND(0.00000080) X
1,2,3,7,8,9-HxCDF	ND(0.00000089)	ND(0.00000043)	NA	ND(0.000000081)
2,3,4,6,7,8-HxCDF	0.0000041 J	ND(0.00000049) X	NA	0.00000024 J
HxCDFs (total)	ND(0.00022) X	ND(0.000028) X	NA	ND(0.0000071) XQJ
1,2,3,4,6,7,8-HpCDF	0.000030 J	0.0000022 J	NA	0.00000099 J
1,2,3,4,7,8,9-HpCDF	0.000019 J	ND(0.00000062)	NA	ND(0.00000012)
HpCDFs (total)	0.00011	ND(0.0000049) X	NA	ND(0.0000027) X
OCDF	0.00011 J	ND(0.0000027)	NA	ND(0.0000017)
Dioxins				
2,3,7,8-TCDD	ND(0.0000018)	ND(0.00000085)	NA	ND(0.00000024)
TCDDs (total)	ND(0.0000018)	ND(0.00000085)	NA	ND(0.00000024)
1,2,3,7,8-PeCDD	ND(0.0000012)	ND(0.00000045)	NA	ND(0.00000011)
PeCDDs (total)	ND(0.000019) X	ND(0.00000045)	NA	ND(0.00000011)
1,2,3,4,7,8-HxCDD	ND(0.0000014)	ND(0.00000065)	NA	0.00000013 J
1,2,3,6,7,8-HxCDD	ND(0.0000014)	ND(0.00000061)	NA	ND(0.00000022) X
1,2,3,7,8,9-HxCDD	ND(0.0000014)	ND(0.00000063)	NA	0.00000031 J
HxCDDs (total)	ND(0.000038) X	ND(0.0000021) X	NA	ND(0.0000014) X
1,2,3,4,6,7,8-HpCDD	ND(0.000018) X	0.0000024 J	NA	0.0000026 J
HpCDDs (total)	ND(0.000034) X	0.0000053 J	NA	0.0000053 J
OCDD	0.00025 J	0.000022 J	NA	ND(0.000017)
Total TEQs (WHO TEFs)	0.0000085	0.0000015	NA	0.00000052
Inorganics				
Antimony	ND(6.70) J	ND(6.60) J	NA	ND(6.70) J
Arsenic	5.60	5.00	NA	2.40
Barium	32.9	25.0	NA	20.6 B
Beryllium	ND(0.380)	ND(0.430)	NA	ND(0.400)
Cadmium	ND(0.560)	ND(0.550)	NA	ND(0.560)
Chromium	9.50	8.60	NA	6.30
Cobalt	8.20	6.60	NA	6.00
Copper	44.6	16.6	NA	13.1
Cyanide	ND(0.560)	ND(0.550)	NA	ND(0.560)
Lead	35.8 J	14.4 J	NA	17.8 J
Mercury	0.0790	0.0810	NA	0.0290 B
Nickel	15.1	12.9	NA	10.1
Selenium	ND(0.560)	ND(0.550)	NA	ND(0.560)
Silver	ND(1.10)	ND(1.10)	NA	ND(1.10)
Sulfide	ND(11.2)	ND(11.0)	NA	ND(11.2)
Thallium	ND(1.10) J	ND(1.10) J	NA	ND(1.10) J
Tin	ND(4.90)	ND(4.10)	NA	ND(3.80)
Vanadium	12.7	10.2	NA	8.10
Zinc	69.2	56.2	NA	43.0

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample Depth(Feet):	1-3	0-1	0-1
Parameter / Date Collected:	02/28/03	03/03/03	03/03/03
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,1,1-Trichloroethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,1,2,2-Tetrachloroethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,1,2-Trichloroethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,1-Dichloroethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,1-Dichloroethene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,2,3-Trichloropropane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,2-Dibromo-3-chloropropane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,2-Dibromoethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,2-Dichloroethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,2-Dichloropropane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
1,4-Dioxane	ND(1.1) J	ND(1.7) J [ND(1.6) J]	ND(1.2) J
2-Butanone	ND(0.0055) J	ND(0.0086) J [ND(0.0081) J]	ND(0.0062) J
2-Chloro-1,3-butadiene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
2-Chloroethylvinylether	ND(0.011) J	ND(0.017) J [ND(0.016) J]	ND(0.012) J
2-Hexanone	ND(0.022)	ND(0.034) J [ND(0.033) J]	ND(0.025) J
3-Chloropropene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
4-Methyl-2-pentanone	ND(0.022)	ND(0.034) J [ND(0.033) J]	ND(0.025) J
Acetone	ND(0.022) J	ND(0.034) [ND(0.033)]	ND(0.025)
Acetonitrile	ND(0.11) J	ND(0.17) J [ND(0.16) J]	ND(0.12) J
Acrolein	ND(0.11) J	ND(0.17) J [ND(0.16) J]	ND(0.12) J
Acrylonitrile	ND(0.11)	ND(0.17) [ND(0.16)]	ND(0.12)
Benzene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Bromodichloromethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Bromoform	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Bromomethane	ND(0.0055)	ND(0.0086) J [ND(0.0081) J]	ND(0.0062) J
Carbon Disulfide	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Carbon Tetrachloride	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Chlorobenzene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Chloroethane	ND(0.011) J	ND(0.017) J [ND(0.016) J]	ND(0.012) J
Chloroform	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Chloromethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
cis-1,3-Dichloropropene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Dibromochloromethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Dibromomethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Dichlorodifluoromethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Ethyl Methacrylate	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Ethylbenzene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Iodomethane	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Isobutanol	ND(0.22) J	ND(0.34) J [ND(0.33) J]	ND(0.25) J
Methacrylonitrile	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Methyl Methacrylate	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Methylene Chloride	ND(0.0055)	0.0034 J [0.0037 J]	0.0037 J
Propionitrile	ND(0.011)	ND(0.017) [ND(0.016)]	ND(0.012)
Styrene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Tetrachloroethene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Toluene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
trans-1,2-Dichloroethene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
trans-1,3-Dichloropropene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
trans-1,4-Dichloro-2-butene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Trichloroethene	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Trichlorofluoromethane	ND(0.0055) J	ND(0.0086) J [ND(0.0081) J]	ND(0.0062) J
Vinyl Acetate	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)
Vinyl Chloride	ND(0.011)	ND(0.017) [ND(0.016)]	ND(0.012)
Xylenes (total)	ND(0.0055)	ND(0.0086) [ND(0.0081)]	ND(0.0062)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample Depth(Feet):	1-3	0-1	0-1
Parameter / Date Collected:	02/28/03	03/03/03	03/03/03
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,2-Dichlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,3,5-Trinitrobenzene	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
1,3-Dichlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,3-Dinitrobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,4-Dichlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
1,4-Naphthoquinone	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
1-Naphthylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,4,5-Trichlorophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,4-Dichlorophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,4-Dimethylphenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,4-Dinitrophenol	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
2,4-Dinitrotoluene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,6-Dichlorophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2,6-Dinitrotoluene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2-Acetylaminofluorene	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
2-Chloronaphthalene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2-Chlorophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2-Methylnaphthalene	ND(0.39)	0.12 J [0.053 J]	ND(0.37)
2-Methylphenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2-Naphthylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2-Nitroaniline	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
2-Nitrophenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
2-Picoline	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
3&4-Methylphenol	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
3,3'-Dichlorobenzidine	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
3,3'-Dimethylbenzidine	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
3-Methylcholanthrene	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
3-Nitroaniline	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
4-Aminobiphenyl	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
4-Chloroaniline	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
4-Chlorobenzilate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
4-Nitroaniline	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
4-Nitrophenol	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
4-Nitroquinoline-1-oxide	ND(3.9)	ND(4.5) [ND(4.4)]	ND(3.7)
4-Phenylenediamine	ND(7.7)	ND(9.1) [ND(8.8)]	ND(7.4)
5-Nitro-o-toluidine	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
a,a'-Dimethylphenethylamine	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Acenaphthene	ND(0.39)	0.052 J [0.038 J]	ND(0.37)
Acenaphthylene	ND(0.39)	0.095 J [0.099 J]	0.31 J
Acetophenone	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Aniline	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Anthracene	ND(0.39)	0.13 J [0.13 J]	0.088 J
Aramite	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Benzidine	ND(3.9)	ND(4.5) [ND(4.4)]	ND(3.7)
Benzo(a)anthracene	ND(0.39)	0.38 J [0.39 J]	0.34 J
Benzo(a)pyrene	ND(0.39)	0.46 [0.46]	0.58
Benzo(b)fluoranthene	ND(0.39)	0.49 [0.55]	0.60

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample Depth(Feet):	1-3	0-1	0-1
Parameter / Date Collected:	02/28/03	03/03/03	03/03/03
Semivolatile Organics (continued)			
Benzo(g,h,i)perylene	ND(0.39)	0.17 J [0.11 J]	0.25 J
Benzo(k)fluoranthene	ND(0.39)	0.46 [0.54]	0.56
Benzyl Alcohol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.39)	0.068 J [0.25 J]	ND(0.37)
Butylbenzylphthalate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Chrysene	ND(0.39)	0.50 [0.55]	0.41
Diallate	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.45) [ND(0.44)]	0.074 J
Dibenzofuran	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Diethylphthalate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Dimethylphthalate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Di-n-Butylphthalate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Di-n-Octylphthalate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Diphenylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Ethyl Methanesulfonate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Fluoranthene	ND(0.39)	0.94 [1.2]	0.52
Fluorene	ND(0.39)	0.057 J [0.058 J]	ND(0.37)
Hexachlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Hexachlorobutadiene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Hexachlorocyclopentadiene	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Hexachloroethane	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Hexachlorophene	ND(7.9) J	ND(9.2) [ND(8.9)]	ND(7.5)
Hexachloropropene	ND(3.9)	ND(4.5) [ND(4.4)]	ND(3.7)
Indeno(1,2,3-cd)pyrene	ND(0.39)	0.19 J [0.14 J]	0.26 J
Isodrin	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Isophorone	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Isosafrole	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Methapyrilene	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Methyl Methanesulfonate	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Naphthalene	ND(0.39)	0.065 J [0.041 J]	ND(0.37)
Nitrobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosodiethylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosodimethylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosomethylethylamine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosomorpholine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosopiperidine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
N-Nitrosopyrrolidine	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
o,o,o-Triethylphosphorothioate	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
o-Toluidine	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Pentachlorobenzene	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Pentachloroethane	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Pentachloronitrobenzene	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Pentachlorophenol	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)
Phenacetin	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Phenanthrene	ND(0.39)	0.61 [0.69]	0.14 J
Phenol	ND(0.39)	ND(0.45) [ND(0.44)]	ND(0.37)
Pronamide	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Pyrene	ND(0.39)	0.65 [0.65]	0.41
Pyridine	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Safrole	ND(0.77)	ND(0.91) [ND(0.88)]	ND(0.74)
Thionazin	ND(1.9)	ND(2.2) [ND(2.1)]	ND(1.8)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample ID:	RAA15-B22	RAA15-B24	RAA15-C23
Sample Depth(Feet):	1-3	0-1	0-1
Parameter / Date Collected:	02/28/03	03/03/03	03/03/03
Furans			
2,3,7,8-TCDF	ND(0.00000018)	0.0000054 J [ND(0.0000070) X]	0.00000052 J
TCDFs (total)	ND(0.00000018)	ND(0.000032) X [ND(0.000042) X]	ND(0.0000041) X
1,2,3,7,8-PeCDF	ND(0.00000010)	0.0000016 J [0.0000021 J]	ND(0.00000013)
2,3,4,7,8-PeCDF	ND(0.000000096)	ND(0.0000017) X [0.0000022 J]	ND(0.00000012)
PeCDFs (total)	ND(0.000000099)	ND(0.000033) X [ND(0.000048) X]	ND(0.0000061) X
1,2,3,4,7,8-HxCDF	0.00000011 J	0.00000028 J [0.0000025 J]	ND(0.00000015) X
1,2,3,6,7,8-HxCDF	ND(0.00000013) X	ND(0.0000036) X [ND(0.0000053) X]	ND(0.00000055) X
1,2,3,7,8,9-HxCDF	ND(0.000000081)	ND(0.00000040) [ND(0.000000066)]	ND(0.00000011)
2,3,4,6,7,8-HxCDF	ND(0.000000073)	0.0000010 J [0.0000011 J]	ND(0.00000019) X
HxCDFs (total)	ND(0.00000024) X	ND(0.000026) X [ND(0.000042) X]	ND(0.0000035) X
1,2,3,4,6,7,8-HpCDF	ND(0.000000092)	0.000011 J [0.000020]	0.00000041 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000011)	ND(0.00000046) [ND(0.00000068) X]	ND(0.00000018)
HpCDFs (total)	ND(0.00000010)	0.000021 J [ND(0.000038) X]	0.00000082 J
OCDF	0.00000033 J	ND(0.000010) [0.000020]	ND(0.000001)
Dioxins			
2,3,7,8-TCDD	ND(0.00000024)	ND(0.0000011) [ND(0.00000074) X]	ND(0.00000028)
TCDDs (total)	ND(0.00000024)	ND(0.0000011) [ND(0.0000018) X]	ND(0.00000028)
1,2,3,7,8-PeCDD	ND(0.00000012)	ND(0.00000059) [ND(0.00000026) X]	ND(0.00000016)
PeCDDs (total)	ND(0.00000012)	ND(0.00000059) [ND(0.0000024) X]	ND(0.00000016)
1,2,3,4,7,8-HxCDD	ND(0.00000016)	0.00000013 J [ND(0.00000026) X]	ND(0.00000018)
1,2,3,6,7,8-HxCDD	ND(0.00000015)	ND(0.00000049) [0.00000088 J]	ND(0.00000017)
1,2,3,7,8,9-HxCDD	ND(0.00000015)	ND(0.00000051) [0.00000067 J]	ND(0.00000018)
HxCDDs (total)	ND(0.00000015)	ND(0.0000032) X [ND(0.0000077) X]	ND(0.00000018)
1,2,3,4,6,7,8-HpCDD	ND(0.00000014)	0.0000094 J [0.000017]	ND(0.00000060) X
HpCDDs (total)	ND(0.00000018) X	0.000019 J [ND(0.000034) X]	ND(0.0000011) X
OCDD	ND(0.0000012) X	0.000079 J [0.00017 QJ]	ND(0.0000049) J
Total TEQs (WHO TEFs)	0.00000027	0.0000025 [0.0000032]	0.00000039
Inorganics			
Antimony	ND(7.00) J	ND(8.20) J [ND(8.00) J]	ND(6.70) J
Arsenic	2.80	5.00 [4.90]	2.50
Barium	24.7	56.0 [54.1]	21.1 B
Beryllium	0.400 B	ND(0.620) [ND(0.650)]	ND(0.410)
Cadmium	ND(0.590)	0.280 B [0.170 B]	ND(0.560)
Chromium	7.60	38.5 [34.6]	8.20
Cobalt	6.80	8.10 [8.80]	4.80 B
Copper	12.2	66.2 [64.4]	9.30
Cyanide	ND(0.590)	0.250 B [ND(0.670)]	ND(0.560)
Lead	5.20	96.4 J [86.2 J]	8.20 J
Mercury	ND(0.0390)	0.250 [0.250]	0.0370 B
Nickel	12.2	26.7 [27.2]	9.20
Selenium	0.650	0.720 [ND(0.670)]	ND(0.560)
Silver	ND(1.20)	0.300 B [0.150 B]	ND(1.10)
Sulfide	ND(11.7)	ND(13.7) [ND(13.3)]	ND(11.1)
Thallium	ND(1.20) J	ND(1.40) J [ND(1.30) J]	ND(1.10) J
Tin	ND(11.7)	ND(7.60) [ND(7.10)]	ND(3.70)
Vanadium	9.20	17.8 [15.6]	8.10
Zinc	41.3 J	126 [109]	29.6

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	1-3	3-6	4-6	10-12	10-15
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,1,1-Trichloroethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,1,2,2-Tetrachloroethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,1,2-Trichloroethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,1-Dichloroethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,1-Dichloroethene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,2,3-Trichloropropane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,2-Dibromo-3-chloropropane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,2-Dibromoethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,2-Dichloroethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,2-Dichloropropane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
1,4-Dioxane	ND(1.3) J	NA	ND(1.1) J	ND(0.91) J	NA
2-Butanone	ND(0.0064) J	NA	ND(0.0057) J	0.0023 J	NA
2-Chloro-1,3-butadiene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
2-Chloroethylvinylether	ND(0.013) J	NA	ND(0.011) J	ND(0.0091) J	NA
2-Hexanone	ND(0.026) J	NA	ND(0.023) J	ND(0.018) J	NA
3-Chloropropene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
4-Methyl-2-pentanone	ND(0.026) J	NA	ND(0.023) J	ND(0.018) J	NA
Acetone	ND(0.026)	NA	ND(0.023)	0.0079 J	NA
Acetonitrile	ND(0.13) J	NA	ND(0.11) J	ND(0.091) J	NA
Acrolein	ND(0.13) J	NA	ND(0.11) J	ND(0.091) J	NA
Acrylonitrile	ND(0.13)	NA	ND(0.11)	ND(0.091)	NA
Benzene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Bromodichloromethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Bromoform	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Bromomethane	ND(0.0064) J	NA	ND(0.0057) J	ND(0.0045) J	NA
Carbon Disulfide	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Carbon Tetrachloride	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Chlorobenzene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Chloroethane	ND(0.013) J	NA	ND(0.011) J	ND(0.0091) J	NA
Chloroform	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Chloromethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
cis-1,3-Dichloropropene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Dibromochloromethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Dibromomethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Dichlorodifluoromethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Ethyl Methacrylate	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Ethylbenzene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Iodomethane	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Isobutanol	ND(0.26) J	NA	ND(0.23) J	ND(0.18) J	NA
Methacrylonitrile	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Methyl Methacrylate	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Methylene Chloride	0.0028 J	NA	0.0030 J	0.0012 J	NA
Propionitrile	ND(0.013)	NA	ND(0.011)	ND(0.0091)	NA
Styrene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Tetrachloroethene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Toluene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
trans-1,2-Dichloroethene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
trans-1,3-Dichloropropene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
trans-1,4-Dichloro-2-butene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Trichloroethene	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Trichlorofluoromethane	ND(0.0064) J	NA	ND(0.0057) J	ND(0.0045) J	NA
Vinyl Acetate	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA
Vinyl Chloride	ND(0.013)	NA	ND(0.011)	ND(0.0091)	NA
Xylenes (total)	ND(0.0064)	NA	ND(0.0057)	ND(0.0045)	NA

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	1-3	3-6	4-6	10-12	10-15
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,2-Dichlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,2-Diphenylhydrazine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,3,5-Trinitrobenzene	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
1,3-Dichlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,3-Dinitrobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,4-Dichlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
1,4-Naphthoquinone	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
1-Naphthylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,3,4,6-Tetrachlorophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,4,6-Trichlorophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,4-Dichlorophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,4-Dimethylphenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,4-Dinitrophenol	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
2,4-Dinitrotoluene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,6-Dichlorophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2,6-Dinitrotoluene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Acetylaminofluorene	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
2-Chloronaphthalene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Chlorophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Methylnaphthalene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Methylphenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Naphthylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Nitroaniline	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
2-Nitrophenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
2-Picoline	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
3&4-Methylphenol	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
3,3'-Dichlorobenzidine	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
3,3'-Dimethylbenzidine	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
3-Methylcholanthrene	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
3-Nitroaniline	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
4-Aminobiphenyl	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
4-Chloroaniline	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
4-Chlorobenzilate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
4-Chlorophenyl-phenylether	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
4-Nitroaniline	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
4-Nitrophenol	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
4-Nitroquinoline-1-oxide	ND(3.6)	ND(3.4)	NA	NA	ND(3.9)
4-Phenylenediamine	ND(7.1)	ND(6.9)	NA	NA	ND(7.7)
5-Nitro-o-toluidine	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
7,12-Dimethylbenz(a)anthracene	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
a,a'-Dimethylphenethylamine	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Acenaphthene	ND(0.36)	ND(0.34)	NA	NA	0.034 J
Acenaphthylene	0.023 J	ND(0.34)	NA	NA	0.031 J
Acetophenone	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Aniline	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Anthracene	ND(0.36)	ND(0.34)	NA	NA	0.093 J
Aramite	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Benzidine	ND(3.6)	ND(3.4)	NA	NA	ND(3.9)
Benzo(a)anthracene	0.061 J	ND(0.34)	NA	NA	0.20 J
Benzo(a)pyrene	0.076 J	ND(0.34)	NA	NA	0.20 J
Benzo(b)fluoranthene	0.072 J	ND(0.34)	NA	NA	0.17 J

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	1-3	3-6	4-6	10-12	10-15
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	ND(0.36)	ND(0.34)	NA	NA	0.088 J
Benzo(k)fluoranthene	0.077 J	ND(0.34)	NA	NA	0.19 J
Benzyl Alcohol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Butylbenzylphthalate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Chrysene	0.088 J	ND(0.34)	NA	NA	0.22 J
Diallate	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Dibenzofuran	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Diethylphthalate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Dimethylphthalate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Di-n-Butylphthalate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Di-n-Octylphthalate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Diphenylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Ethyl Methanesulfonate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Fluoranthene	0.12 J	ND(0.34)	NA	NA	0.45
Fluorene	ND(0.36)	ND(0.34)	NA	NA	0.041 J
Hexachlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Hexachlorobutadiene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Hexachlorocyclopentadiene	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Hexachloroethane	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Hexachlorophene	ND(7.2)	ND(7.0)	NA	NA	ND(7.9)
Hexachloropropene	ND(3.6)	ND(3.4)	NA	NA	ND(3.9)
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.34)	NA	NA	0.098 J
Isodrin	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Isophorone	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Isosafrole	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Methapyrilene	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Methyl Methanesulfonate	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Naphthalene	ND(0.36)	ND(0.34)	NA	NA	0.028 J
Nitrobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosodiethylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosodimethylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosomethylethylamine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosomorpholine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosopiperidine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
N-Nitrosopyrrolidine	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
o-Toluidine	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
p-Dimethylaminoazobenzene	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Pentachlorobenzene	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Pentachloroethane	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Pentachloronitrobenzene	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Pentachlorophenol	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)
Phenacetin	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Phenanthrene	0.052 J	ND(0.34)	NA	NA	0.34 J
Phenol	ND(0.36)	ND(0.34)	NA	NA	ND(0.39)
Pronamide	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Pyrene	0.10 J	ND(0.34)	NA	NA	0.33 J
Pyridine	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Safrole	ND(0.71)	ND(0.69)	NA	NA	ND(0.77)
Thionazin	ND(1.7)	ND(1.7)	NA	NA	ND(1.9)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample ID:	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24	RAA15-C24
Sample Depth(Feet):	1-3	3-6	4-6	10-12	10-15
Parameter / Date Collected:	03/03/03	03/03/03	03/03/03	03/03/03	03/03/03
Furans					
2,3,7,8-TCDF	ND(0.0000047) X	ND(0.00000038) X	NA	NA	0.0000021
TCDFs (total)	ND(0.000024) X	ND(0.0000041) X	NA	NA	ND(0.000021) X
1,2,3,7,8-PeCDF	0.0000011 J	0.00000017 J	NA	NA	0.00000093 J
2,3,4,7,8-PeCDF	ND(0.0000012) X	ND(0.00000021) X	NA	NA	0.0000011 J
PeCDFs (total)	ND(0.000027) X	ND(0.0000091) X	NA	NA	ND(0.000029) X
1,2,3,4,7,8-HxCDF	0.0000015 J	0.00000022 J	NA	NA	0.0000010 J
1,2,3,6,7,8-HxCDF	ND(0.0000041) X	ND(0.00000091) X	NA	NA	ND(0.0000028) X
1,2,3,7,8,9-HxCDF	ND(0.00000028)	0.00000019 J	NA	NA	0.00000079 J
2,3,4,6,7,8-HxCDF	ND(0.00000053) X	ND(0.00000023) X	NA	NA	0.00000090 J
HxCDFs (total)	ND(0.000027) X	ND(0.0000060) X	NA	NA	ND(0.000018) X
1,2,3,4,6,7,8-HpCDF	0.000018 J	ND(0.00000070) X	NA	NA	0.0000043 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000043)	0.00000035 J	NA	NA	0.00000099 J
HpCDFs (total)	0.000033 J	ND(0.0000017) X	NA	NA	0.0000083 J
OCDF	ND(0.000013)	ND(0.0000011)	NA	NA	ND(0.0000047)
Dioxins					
2,3,7,8-TCDD	ND(0.00000067) X	ND(0.00000015)	NA	NA	ND(0.00000016)
TCDDs (total)	ND(0.00000067) X	ND(0.00000015)	NA	NA	ND(0.00000016)
1,2,3,7,8-PeCDD	ND(0.00000043)	ND(0.000000072)	NA	NA	ND(0.00000041) X
PeCDDs (total)	ND(0.00000043)	ND(0.000000072)	NA	NA	ND(0.00000061) X
1,2,3,4,7,8-HxCDD	ND(0.00000049)	ND(0.00000013) X	NA	NA	0.00000067 J
1,2,3,6,7,8-HxCDD	ND(0.00000046)	0.00000019 J	NA	NA	0.00000062 J
1,2,3,7,8,9-HxCDD	ND(0.00000048)	ND(0.00000022) X	NA	NA	0.00000066 QJ
HxCDDs (total)	ND(0.0000028) X	ND(0.00000098) X	NA	NA	ND(0.0000031) XQJ
1,2,3,4,6,7,8-HpCDD	0.0000081 J	ND(0.00000074)	NA	NA	0.0000021 J
HpCDDs (total)	0.000016 J	0.0000013 J	NA	NA	0.0000033 J
OCDD	0.000079	ND(0.0000039)	NA	NA	0.000013
Total TEQs (WHO TEFs)	0.0000019	0.00000034	NA	NA	0.0000018
Inorganics					
Antimony	ND(6.50) J	ND(6.20) J	NA	NA	ND(7.00) J
Arsenic	2.60	2.30	NA	NA	3.50
Barium	22.5	14.6 B	NA	NA	24.3
Beryllium	ND(0.380)	ND(0.300)	NA	NA	ND(0.460)
Cadmium	ND(0.540)	ND(0.520)	NA	NA	ND(0.590)
Chromium	7.40	5.20	NA	NA	8.70
Cobalt	4.80 B	4.20 B	NA	NA	7.90
Copper	10.8	12.4	NA	NA	22.6
Cyanide	ND(0.540)	ND(0.520)	NA	NA	ND(0.590)
Lead	14.1 J	5.90	NA	NA	18.3 J
Mercury	0.0350 B	0.0260 B	NA	NA	0.0670
Nickel	8.80	8.30	NA	NA	13.2
Selenium	ND(0.540)	ND(0.520)	NA	NA	ND(0.590)
Silver	ND(1.10)	ND(1.00)	NA	NA	ND(1.20)
Sulfide	ND(10.8)	ND(10.4)	NA	NA	ND(11.7)
Thallium	ND(1.10) J	ND(1.00) J	NA	NA	ND(1.20) J
Tin	ND(4.00)	ND(3.50)	NA	NA	ND(3.90)
Vanadium	7.30	5.20	NA	NA	9.30
Zinc	34.4	30.1	NA	NA	72.8

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample Depth(Feet):	0-1	0-1	0-1
Parameter / Date Collected:	03/04/03	03/04/03	03/04/03
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,1,1-Trichloroethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,1,2,2-Tetrachloroethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,1,2-Trichloroethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,1-Dichloroethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,1-Dichloroethene	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,2,3-Trichloropropane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,2-Dibromo-3-chloropropane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,2-Dibromoethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,2-Dichloroethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,2-Dichloropropane	ND(0.0080)	ND(0.0086)	ND(0.0049)
1,4-Dioxane	ND(1.6) J	ND(1.7) J	ND(0.97) J
2-Butanone	ND(0.0080) J	ND(0.0086) J	ND(0.0049) J
2-Chloro-1,3-butadiene	ND(0.0080)	ND(0.0086)	ND(0.0049)
2-Chloroethylvinylether	ND(0.016) J	ND(0.017) J	ND(0.0097) J
2-Hexanone	ND(0.032) J	ND(0.034) J	ND(0.019) J
3-Chloropropene	ND(0.0080)	ND(0.0086)	ND(0.0049)
4-Methyl-2-pentanone	ND(0.032) J	ND(0.034) J	ND(0.019) J
Acetone	ND(0.032)	0.012 J	ND(0.019)
Acetonitrile	ND(0.16) J	ND(0.17) J	ND(0.097) J
Acrolein	ND(0.16) J	ND(0.17) J	ND(0.097) J
Acrylonitrile	ND(0.16)	ND(0.17)	ND(0.097)
Benzene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Bromodichloromethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
Bromoform	ND(0.0080)	ND(0.0086)	ND(0.0049)
Bromomethane	ND(0.0080) J	ND(0.0086) J	ND(0.0049) J
Carbon Disulfide	ND(0.0080)	ND(0.0086)	ND(0.0049)
Carbon Tetrachloride	ND(0.0080)	ND(0.0086)	ND(0.0049)
Chlorobenzene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Chloroethane	ND(0.016) J	ND(0.017) J	ND(0.0097) J
Chloroform	ND(0.0080)	ND(0.0086)	ND(0.0049)
Chloromethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
cis-1,3-Dichloropropene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Dibromochloromethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
Dibromomethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
Dichlorodifluoromethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
Ethyl Methacrylate	ND(0.0080)	ND(0.0086)	ND(0.0049)
Ethylbenzene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Iodomethane	ND(0.0080)	ND(0.0086)	ND(0.0049)
Isobutanol	ND(0.32) J	ND(0.34) J	ND(0.19) J
Methacrylonitrile	ND(0.0080)	ND(0.0086)	ND(0.0049)
Methyl Methacrylate	ND(0.0080)	ND(0.0086)	ND(0.0049)
Methylene Chloride	0.0049 J	0.0021 J	0.0035 J
Propionitrile	ND(0.016)	ND(0.017)	ND(0.0097)
Styrene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Tetrachloroethene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Toluene	ND(0.0080)	ND(0.0086)	ND(0.0049)
trans-1,2-Dichloroethene	ND(0.0080)	ND(0.0086)	ND(0.0049)
trans-1,3-Dichloropropene	ND(0.0080)	ND(0.0086)	ND(0.0049)
trans-1,4-Dichloro-2-butene	ND(0.0080)	ND(0.0086)	ND(0.0049)
Trichloroethene	ND(0.0080)	0.0039 J	ND(0.0049)
Trichlorofluoromethane	ND(0.0080) J	ND(0.0086) J	ND(0.0049) J
Vinyl Acetate	ND(0.0080)	ND(0.0086)	ND(0.0049)
Vinyl Chloride	ND(0.016)	ND(0.017)	ND(0.0097)
Xylenes (total)	ND(0.0080)	ND(0.0086)	ND(0.0049)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample Depth(Feet):	0-1	0-1	0-1
Parameter / Date Collected:	03/04/03	03/04/03	03/04/03
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
1,2-Dichlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
1,2-Diphenylhydrazine	ND(0.52)	ND(0.40)	ND(0.37)
1,3,5-Trinitrobenzene	ND(2.5)	ND(1.9)	ND(1.8)
1,3-Dichlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
1,3-Dinitrobenzene	ND(0.52)	ND(0.40)	ND(0.37)
1,4-Dichlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
1,4-Naphthoquinone	ND(2.5)	ND(1.9)	ND(1.8)
1-Naphthylamine	ND(0.52)	ND(0.40)	ND(0.37)
2,3,4,6-Tetrachlorophenol	ND(0.52)	ND(0.40)	ND(0.37)
2,4,5-Trichlorophenol	ND(0.52)	ND(0.40)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.52)	ND(0.40)	ND(0.37)
2,4-Dichlorophenol	ND(0.52)	ND(0.40)	ND(0.37)
2,4-Dimethylphenol	ND(0.52)	ND(0.40)	ND(0.37)
2,4-Dinitrophenol	ND(2.5)	ND(1.9)	ND(1.8)
2,4-Dinitrotoluene	ND(0.52)	ND(0.40)	ND(0.37)
2,6-Dichlorophenol	ND(0.52)	ND(0.40)	ND(0.37)
2,6-Dinitrotoluene	ND(0.52)	ND(0.40)	ND(0.37)
2-Acetylaminofluorene	ND(1.0)	ND(0.79)	ND(0.73)
2-Chloronaphthalene	ND(0.52)	ND(0.40)	ND(0.37)
2-Chlorophenol	ND(0.52)	ND(0.40)	ND(0.37)
2-Methylnaphthalene	ND(0.52)	0.062 J	0.055 J
2-Methylphenol	ND(0.52)	ND(0.40)	ND(0.37)
2-Naphthylamine	ND(0.52)	ND(0.40)	ND(0.37)
2-Nitroaniline	ND(2.5)	ND(1.9)	ND(1.8)
2-Nitrophenol	ND(0.52)	ND(0.40)	ND(0.37)
2-Picoline	ND(1.0)	ND(0.79)	ND(0.73)
3&4-Methylphenol	ND(1.0)	ND(0.79)	ND(0.73)
3,3'-Dichlorobenzidine	ND(2.5)	ND(1.9)	ND(1.8)
3,3'-Dimethylbenzidine	ND(2.5)	ND(1.9)	ND(1.8)
3-Methylcholanthrene	ND(2.5)	ND(1.9)	0.052 J
3-Nitroaniline	ND(2.5)	ND(1.9)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(2.5)	ND(1.9)	ND(1.8)
4-Aminobiphenyl	ND(2.5)	ND(1.9)	ND(1.8)
4-Bromophenyl-phenylether	ND(0.52)	ND(0.40)	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.52)	ND(0.40)	ND(0.37)
4-Chloroaniline	ND(0.52)	ND(0.40)	ND(0.37)
4-Chlorobenzilate	ND(0.52)	ND(0.40)	ND(0.37)
4-Chlorophenyl-phenylether	ND(0.52)	ND(0.40)	ND(0.37)
4-Nitroaniline	ND(2.5)	ND(1.9)	ND(1.8)
4-Nitrophenol	ND(2.5)	ND(1.9)	ND(1.8)
4-Nitroquinoline-1-oxide	ND(5.2)	ND(4.0)	ND(3.7)
4-Phenylenediamine	ND(10)	ND(7.9)	ND(7.3)
5-Nitro-o-toluidine	ND(1.0)	ND(0.79)	ND(0.73)
7,12-Dimethylbenz(a)anthracene	ND(1.0)	ND(0.79)	ND(0.73)
a,a'-Dimethylphenethylamine	ND(2.5)	ND(1.9)	ND(1.8)
Acenaphthene	ND(0.52)	ND(0.40)	0.054 J
Acenaphthylene	0.084 J	0.14 J	0.38
Acetophenone	ND(0.52)	ND(0.40)	ND(0.37)
Aniline	ND(0.52)	ND(0.40)	0.27 J
Anthracene	ND(0.52)	0.090 J	0.36 J
Aramite	ND(2.5)	ND(1.9)	ND(1.8)
Benzidine	ND(5.2)	ND(4.0)	ND(3.7)
Benzo(a)anthracene	0.24 J	0.34 J	1.8
Benzo(a)pyrene	0.29 J	0.40	2.1
Benzo(b)fluoranthene	0.27 J	0.44	2.4

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample Depth(Feet):	0-1	0-1	0-1
Parameter / Date Collected:	03/04/03	03/04/03	03/04/03
Semivolatile Organics (continued)			
Benzo(g,h,i)perylene	0.12 J	0.18 J	1.0
Benzo(k)fluoranthene	0.30 J	0.40	1.2
Benzyl Alcohol	ND(0.52)	ND(0.40)	ND(0.37)
bis(2-Chloroethoxy)methane	ND(0.52)	ND(0.40)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.52)	ND(0.40)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.52)	ND(0.40)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.52)	ND(0.40)	ND(0.37)
Butylbenzylphthalate	ND(0.52)	ND(0.40)	ND(0.37)
Chrysene	0.34 J	0.46	2.1
Diallate	ND(1.0)	ND(0.79)	ND(0.73)
Dibenzo(a,h)anthracene	ND(0.52)	0.055 J	0.45
Dibenzofuran	ND(0.52)	0.051 J	0.037 J
Diethylphthalate	ND(0.52)	ND(0.40)	ND(0.37)
Dimethylphthalate	ND(0.52)	ND(0.40)	ND(0.37)
Di-n-Butylphthalate	ND(0.52)	ND(0.40)	0.086 J
Di-n-Octylphthalate	ND(0.52)	ND(0.40)	ND(0.37)
Diphenylamine	ND(0.52)	ND(0.40)	ND(0.37)
Ethyl Methanesulfonate	ND(0.52)	ND(0.40)	ND(0.37)
Fluoranthene	0.53	0.73	2.9
Fluorene	ND(0.52)	ND(0.40)	0.075 J
Hexachlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
Hexachlorobutadiene	ND(0.52)	ND(0.40)	ND(0.37)
Hexachlorocyclopentadiene	ND(2.5)	ND(1.9)	ND(1.8)
Hexachloroethane	ND(0.52)	ND(0.40)	ND(0.37)
Hexachlorophene	ND(11)	ND(8.0)	ND(7.4)
Hexachloropropene	ND(5.2)	ND(4.0)	ND(3.7)
Indeno(1,2,3-cd)pyrene	0.15 J	0.22 J	1.2
Isodrin	ND(0.52)	ND(0.40)	ND(0.37)
Isophorone	ND(0.52)	ND(0.40)	ND(0.37)
Isosafrole	ND(1.0)	ND(0.79)	ND(0.73)
Methapyrilene	ND(2.5)	ND(1.9)	ND(1.8)
Methyl Methanesulfonate	ND(0.52)	ND(0.40)	ND(0.37)
Naphthalene	ND(0.52)	0.062 J	0.064 J
Nitrobenzene	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosodiethylamine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosodimethylamine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosomorpholine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosopiperidine	ND(0.52)	ND(0.40)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.52)	ND(0.40)	ND(0.37)
o,o,o-Triethylphosphorothioate	ND(2.5)	ND(1.9)	ND(1.8)
o-Toluidine	ND(1.0)	ND(0.79)	ND(0.73)
p-Dimethylaminoazobenzene	ND(1.0)	ND(0.79)	ND(0.73)
Pentachlorobenzene	ND(0.52)	ND(0.40)	ND(0.37)
Pentachloroethane	ND(2.5)	ND(1.9)	ND(1.8)
Pentachloronitrobenzene	ND(2.5)	ND(1.9)	ND(1.8)
Pentachlorophenol	ND(2.5)	ND(1.9)	0.13 J
Phenacetin	ND(1.0)	ND(0.79)	ND(0.73)
Phenanthrene	0.25 J	0.32 J	1.1
Phenol	ND(0.52)	ND(0.40)	ND(0.37)
Pronamide	ND(1.0)	ND(0.79)	ND(0.73)
Pyrene	0.38 J	0.53	2.6
Pyridine	ND(1.0)	ND(0.79)	ND(0.73)
Safrole	ND(1.0)	ND(0.79)	ND(0.73)
Thionazin	ND(2.5)	ND(1.9)	ND(1.8)

TABLE E-48
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample ID:	RAA15-D21	RAA15-D25	RAA15-D27
Sample Depth(Feet):	0-1	0-1	0-1
Parameter / Date Collected:	03/04/03	03/04/03	03/04/03
Furans			
2,3,7,8-TCDF	ND(0.000019) X	ND(0.0000038) X	ND(0.0000047) X
TCDFs (total)	ND(0.00011) X	ND(0.000063) X	ND(0.00016) X
1,2,3,7,8-PeCDF	0.0000056 J	0.0000011 J	0.0000017 J
2,3,4,7,8-PeCDF	0.0000049 J	0.0000017 J	0.0000025 J
PeCDFs (total)	ND(0.000086) X	ND(0.00013) X	ND(0.00031) X
1,2,3,4,7,8-HxCDF	0.0000052 J	0.0000026 J	0.0000032 J
1,2,3,6,7,8-HxCDF	ND(0.0000095) X	ND(0.000019) X	ND(0.000054) X
1,2,3,7,8,9-HxCDF	0.00000019 J	ND(0.00000018)	ND(0.00000014) X
2,3,4,6,7,8-HxCDF	0.0000016 J	ND(0.0000014) X	0.0000012 J
HxCDFs (total)	ND(0.000070) X	ND(0.00011) X	ND(0.00024) X
1,2,3,4,6,7,8-HpCDF	0.000039	0.000026	0.0000068
1,2,3,4,7,8,9-HpCDF	ND(0.0000012) X	0.0000020 J	ND(0.00000097) X
HpCDFs (total)	ND(0.000073) X	ND(0.000078) X	ND(0.000016) X
OCDF	0.000031	0.000065	0.0000073 J
Dioxins			
2,3,7,8-TCDD	ND(0.00000067) X	ND(0.00000041)	ND(0.00000025)
TCDDs (total)	ND(0.0000031) X	ND(0.0000037) X	0.00000051 J
1,2,3,7,8-PeCDD	ND(0.00000046) X	ND(0.00000052) X	ND(0.00000030) X
PeCDDs (total)	ND(0.0000035) X	ND(0.0000038) X	ND(0.0000029) X
1,2,3,4,7,8-HxCDD	0.00000050 J	ND(0.00000090) X	ND(0.00000032) X
1,2,3,6,7,8-HxCDD	0.0000015 J	0.0000039 J	0.0000011 J
1,2,3,7,8,9-HxCDD	ND(0.0000011) X	0.0000021 J	0.00000083 J
HxCDDs (total)	ND(0.000011) X	ND(0.000025) X	ND(0.0000093) X
1,2,3,4,6,7,8-HpCDD	0.00003	0.000073	0.0000074
HpCDDs (total)	0.000052	0.00016	0.000014
OCDD	0.00028 J	0.00051 J	0.000044 J
Total TEQs (WHO TEFs)	0.0000064	0.0000046	0.0000054
Inorganics			
Antimony	0.770 J	0.660 J	ND(6.60) J
Arsenic	6.50	9.30	5.70
Barium	138	30.8	39.1
Beryllium	ND(0.780)	ND(0.410)	ND(0.420)
Cadmium	0.0970 B	ND(0.600)	ND(0.550)
Chromium	46.0	8.50	9.50
Cobalt	10.0	6.10	9.40
Copper	44.2 J	31.1 J	28.1 J
Cyanide	0.320 B	ND(0.600)	ND(0.550)
Lead	160	52.5	21.2
Mercury	0.490	0.0730	0.0460
Nickel	19.4	12.9	17.7
Selenium	ND(0.780) J	ND(0.600) J	ND(0.550) J
Silver	ND(1.60)	ND(1.20)	ND(1.10)
Sulfide	ND(15.7)	ND(12.0)	ND(11.1)
Thallium	0.970 J	ND(1.20) J	ND(0.960)
Tin	ND(10.3)	ND(5.60)	ND(4.50)
Vanadium	21.2	10.9	10.8
Zinc	179	71.8	74.2

Notes:
1. Laboratory qualifiers are defined in Table C-2.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-49
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO INDUSTRIAL SCREENING PRGs
PARCEL K10-11-5

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Industrial PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
2-Butanone	0.003	27,000	No
Acetone	0.013	6,100	No
Chloroform	0.0018	0.52	No
Methylene Chloride	0.0049	20	No
Trichloroethene	0.0039	6.1	No
Semivolatile Organics			
2-Methylnaphthalene	0.12	190*	No
3-Methylcholanthrene	0.052	0.36*	No
Acenaphthene	1.2	28,000	No
Acenaphthylene	0.47	190*	No
Aniline	0.27	530	No
Anthracene	2.9	220,000	No
Benzo(a)anthracene	6.5	3.6	**Yes**
Benzo(a)pyrene	5.8	0.36	**Yes**
Benzo(b)fluoranthene	4.9	3.6	**Yes**
Benzo(g,h,i)perylene	1.9	190*	No
Benzo(k)fluoranthene	5.7	36	No
bis(2-Ethylhexyl)phthalate	0.25	210	No
Chrysene	6.7	360	No
Dibenzo(a,h)anthracene	0.45	0.36	**Yes**
Dibenzofuran	0.74	3,200	No
Di-n-Butylphthalate	0.086	110,000	No
Fluoranthene	15	37,000	No
Fluorene	1.4	22,000	No
Indeno(1,2,3-cd)pyrene	2.3	3.6	No
Naphthalene	0.13	190	No
Pentachlorophenol	0.13	15	No
Phenanthrene	12	190*	No
Pyrene	10	26,000	No
Inorganics			
Antimony	0.77	750	No
Arsenic	9.3	3	**Yes**
Barium	138	100,000	No
Beryllium	0.4	3,400	No
Cadmium	0.28	930	No
Chromium	46	450	No
Cobalt	10	29,000	No
Copper	66.2	70,000	No
Cyanide	0.32	35*	No
Lead	160	1,000	No
Mercury	0.49	560	No
Nickel	27.2	37,000	No
Silver	0.3	9,400	No
Thallium	0.97	150	No
Vanadium	21.2	13,000	No
Zinc	179	100,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Industrial soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-50
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-5 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-A26 0-1 03/03/03	RAA15-B21 0-1 03/03/03	RAA15-B24 0-1 03/03/03	RAA15-C23 0-1 03/03/03	RAA15-D21 0-1 03/04/03	RAA15-D25 0-1 03/04/03
Semivolatile Organics						
Benzo(a)anthracene	6.5	1.8	0.39	0.34	0.24	0.34
Benzo(a)pyrene	5.8	1.9	0.46	0.58	0.29	0.40
Benzo(b)fluoranthene	4.9	1.7	0.52	0.60	0.27	0.44
Dibenzo(a,h)anthracene	**3.7**	0.23	**0.22**	0.074	**0.26**	0.055
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000085	0.00000052	*0.0000032*	0.00000039	0.0000064	0.0000046
Inorganics						
Arsenic	5.60	2.40	4.95	2.50	6.50	9.30

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-D27 0-1 03/04/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	1.8	N/A (See Note 5)	1.63	1	**Yes**
Benzo(a)pyrene	2.1	N/A (See Note 5)	1.65	0.7	**Yes**
Benzo(b)fluoranthene	2.4	N/A (See Note 5)	1.55	1	**Yes**
Dibenzo(a,h)anthracene	0.45	N/A (See Note 5)	0.71	0.7	**Yes**
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000054	8.50E-06	N/A (See Note 5)	5.00E-03	No
Inorganics					
Arsenic	5.70	N/A (See Note 5)	5.28	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-51
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-5 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-A26 0-1 03/03/03	RAA15-B21 0-1 03/03/03	RAA15-B24 0-1 03/03/03	RAA15-C23 0-1 03/03/03	RAA15-D21 0-1 03/04/03	RAA15-D25 0-1 03/04/03	RAA15-D27 0-1 03/04/03
Semivolatile Organics							
Benzo(a)anthracene	6.5	1.8	0.39	0.34	0.24	0.34	1.8
Benzo(a)pyrene	5.8	1.9	0.46	0.58	0.29	0.40	2.1
Benzo(b)fluoranthene	4.9	1.7	0.52	0.60	0.27	0.44	2.4
Dibenzo(a,h)anthracene	**3.7**	0.23	**0.22**	0.074	**0.26**	0.055	0.45
Dioxins/Furans							
Total TEQs (WHO TEFs)	0.0000085	0.00000052	*0.0000032*	0.00000039	0.0000064	0.0000046	0.0000054
Inorganics							
Arsenic	5.60	2.40	4.95	2.50	6.50	9.30	5.70

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-B22 1-3 02/28/03	RAA15-C24 1-3 03/03/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	**0.20**	0.061	N/A (See Note 5)	1.30	1	**Yes**
Benzo(a)pyrene	**0.20**	0.076	N/A (See Note 5)	1.31	0.7	**Yes**
Benzo(b)fluoranthene	**0.20**	0.072	N/A (See Note 5)	1.23	1	**Yes**
Dibenzo(a,h)anthracene	**0.20**	**0.18**	N/A (See Note 5)	0.60	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.00000027	0.0000019	8.50E-06	N/A (See Note 5)	5.00E-03	No
Inorganics						
Arsenic	2.80	2.60	N/A (See Note 5)	4.71	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-52
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-5 (1- TO 6-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-B22 1-3 02/28/03	RAA15-C24 1-3 03/03/03	RAA15-A26 3-6 03/03/03	RAA15-C24 3-6 03/03/03
Semivolatile Organics				
Benzo(a)anthracene	**0.20**	0.061	0.40	**0.17**
Benzo(a)pyrene	**0.20**	0.076	0.37	**0.17**
Benzo(b)fluoranthene	**0.20**	0.072	0.34	**0.17**
Dibenzo(a,h)anthracene	**0.20**	**0.18**	0.050	**0.17**
Inorganics				
Arsenic	2.80	2.60	5.00	2.30

Sample ID: Sample Depth (Feet): Parameter Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Initial Comparison Criteria? (See Note 4)
Semivolatile Organics			
Benzo(a)anthracene	0.21	4	No
Benzo(a)pyrene	0.20	0.7	No
Benzo(b)fluoranthene	0.20	4	No
Dibenzo(a,h)anthracene	0.15	0.8	No
Inorganics			
Arsenic	3.18	30	No

Notes:
1. Constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
2. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
3. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent).
4. Arithmetic average concentrations of all constituents are compared to Method 1 Soil Standards.

TABLE E-53
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-5 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA15-A26 / 0-1 / 03/03/03	RAA15-B21 / 0-1 / 03/03/03	RAA15-B24 / 0-1 / 03/03/03	RAA15-C23 / 0-1 / 03/03/03	RAA15-D21 / 0-1 / 03/04/03	RAA15-D25 / 0-1 / 03/04/03
Semivolatile Organics						
Benzo(a)anthracene	6.5	1.8	0.39	0.34	0.24	0.34
Benzo(a)pyrene	5.8	1.9	0.46	0.58	0.29	0.40
Benzo(b)fluoranthene	4.9	1.7	0.52	0.60	0.27	0.44
Dibenzo(a,h)anthracene	**3.7**	0.23	**0.22**	0.074	**0.26**	0.055
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6
Inorganics						
Arsenic	5.60	2.40	4.95	2.50	6.50	9.30

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA15-D27 / 0-1 / 03/04/03	RAA15-B22 / 1-3 / 02/28/03	RAA15-C24 / 1-3 / 03/03/03	RAA15-A26 / 3-6 / 03/03/03	RAA15-C24 / 3-6 / 03/03/03	RAA15-C24 / 10-15 / 03/03/03
Semivolatile Organics						
Benzo(a)anthracene	1.8	**0.20**	0.061	0.40	**0.17**	0.20
Benzo(a)pyrene	2.1	**0.20**	0.076	0.37	**0.17**	0.20
Benzo(b)fluoranthene	2.4	**0.20**	0.072	0.34	**0.17**	0.17
Dibenzo(a,h)anthracene	0.45	**0.20**	**0.18**	0.050	**0.17**	**0.20**
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 6	0.00000027	0.0000019	0.0000015	0.00000034	0.0000018
Inorganics						
Arsenic	5.70	2.80	2.60	5.00	2.30	3.50

See notes on page 2.

TABLE E-53
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-11-5 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-3 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	1.04	4	No
Benzo(a)pyrene	N/A (See Note 5)	1.05	0.7	**Yes**
Benzo(b)fluoranthene	N/A (See Note 5)	0.98	4	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.48	0.8	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	1.90E-06	N/A (See Note 5)	2.00E-02	No
Inorganics				
Arsenic	N/A (See Note 5)	4.43	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Industrial PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-3 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs (WHO TEFs) were evaluated for the 1- to 15- foot depth increment only.

TABLE E-54
EXISTING CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
PARCEL K10-11-5 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	1.04	100	No
Benzo(a)pyrene	1.05	100	No
Benzo(b)fluoranthene	0.98	100	No
Dibenzo(a,h)anthracene	0.48	100	No
Inorganics			
Arsenic	4.43	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Parcel K10-10-3

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TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample Depth(Feet):	1-3	10-15	12-15	0-1	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,1,1-Trichloroethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,1,2,2-Tetrachloroethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,1,2-Trichloroethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,1-Dichloroethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,1-Dichloroethene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,2,3-Trichloropropane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,2-Dibromo-3-chloropropane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,2-Dibromoethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,2-Dichloroethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,2-Dichloropropane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
1,4-Dioxane	ND(1.3) J	NA	ND(1.1) J	ND(1.1) J	ND(1.2) J
2-Butanone	ND(0.0063) J	NA	ND(0.0055) J	ND(0.0056) J	ND(0.0059) J
2-Chloro-1,3-butadiene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
2-Chloroethylvinylether	ND(0.013) J	NA	ND(0.011) J	ND(0.011) J	ND(0.012) J
2-Hexanone	ND(0.025)	NA	ND(0.022)	ND(0.022)	ND(0.024)
3-Chloropropene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
4-Methyl-2-pentanone	ND(0.025)	NA	ND(0.022)	ND(0.022)	ND(0.024)
Acetone	ND(0.025) J	NA	ND(0.022) J	ND(0.022) J	ND(0.024) J
Acetonitrile	ND(0.13) J	NA	ND(0.11) J	ND(0.11) J	ND(0.12) J
Acrolein	ND(0.13) J	NA	ND(0.11) J	ND(0.11) J	ND(0.12) J
Acrylonitrile	ND(0.13)	NA	ND(0.11)	ND(0.11)	ND(0.12)
Benzene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Bromodichloromethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Bromoform	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Bromomethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Carbon Disulfide	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Carbon Tetrachloride	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Chlorobenzene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Chloroethane	ND(0.013)	NA	ND(0.011)	ND(0.011)	ND(0.012)
Chloroform	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Chloromethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
cis-1,3-Dichloropropene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Dibromochloromethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Dibromomethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Dichlorodifluoromethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Ethyl Methacrylate	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Ethylbenzene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Iodomethane	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Isobutanol	ND(0.25) J	NA	ND(0.22) J	ND(0.22) J	ND(0.24) J
Methacrylonitrile	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Methyl Methacrylate	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Methylene Chloride	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Propionitrile	ND(0.013)	NA	ND(0.011)	ND(0.011)	ND(0.012)
Styrene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Tetrachloroethene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Toluene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
trans-1,2-Dichloroethene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
trans-1,3-Dichloropropene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
trans-1,4-Dichloro-2-butene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Trichloroethene	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Trichlorofluoromethane	ND(0.0063) J	NA	ND(0.0055) J	ND(0.0056) J	ND(0.0059) J
Vinyl Acetate	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)
Vinyl Chloride	ND(0.013)	NA	ND(0.011)	ND(0.011)	ND(0.012)
Xylenes (total)	ND(0.0063)	NA	ND(0.0055)	ND(0.0056)	ND(0.0059)

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample Depth(Feet):	1-3	10-15	12-15	0-1	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,2-Dichlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,2-Diphenylhydrazine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,3,5-Trinitrobenzene	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
1,3-Dichlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,3-Dinitrobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,4-Dichlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
1,4-Naphthoquinone	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
1-Naphthylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,3,4,6-Tetrachlorophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,4,6-Trichlorophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,4-Dichlorophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,4-Dimethylphenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,4-Dinitrophenol	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
2,4-Dinitrotoluene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,6-Dichlorophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2,6-Dinitrotoluene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Acetylaminofluorene	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
2-Chloronaphthalene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Chlorophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Methylnaphthalene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Methylphenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Naphthylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Nitroaniline	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
2-Nitrophenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
2-Picoline	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
3&4-Methylphenol	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
3,3'-Dichlorobenzidine	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
3,3'-Dimethylbenzidine	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
3-Methylcholanthrene	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
3-Nitroaniline	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
4-Aminobiphenyl	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
4-Chloroaniline	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
4-Chlorobenzilate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
4-Chlorophenyl-phenylether	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
4-Nitroaniline	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
4-Nitrophenol	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
4-Nitroquinoline-1-oxide	ND(4.2)	ND(4.0)	NA	ND(4.0)	ND(4.3)
4-Phenylenediamine	ND(8.3)	ND(7.9)	NA	ND(8.1)	ND(8.6)
5-Nitro-o-toluidine	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
7,12-Dimethylbenz(a)anthracene	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
a,a'-Dimethylphenethylamine	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Acenaphthene	ND(0.42)	0.049 J	NA	ND(0.40)	ND(0.43)
Acenaphthylene	0.13 J	ND(0.40)	NA	ND(0.40)	0.085 J
Acetophenone	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Aniline	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Anthracene	0.099 J	0.085 J	NA	ND(0.40)	0.062 J
Aramite	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Benzidine	ND(4.2)	ND(4.0)	NA	ND(4.0)	ND(4.3)
Benzo(a)anthracene	0.36 J	0.24 J	NA	ND(0.40)	0.23 J
Benzo(a)pyrene	0.43	0.24 J	NA	ND(0.40)	0.27 J
Benzo(b)fluoranthene	0.38 J	0.25 J	NA	ND(0.40)	0.26 J
Benzo(g,h,i)perylene	0.18 J	0.080 J	NA	ND(0.40)	0.11 J

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample Depth(Feet):	1-3	10-15	12-15	0-1	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)					
Benzyl Alcohol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
bis(2-Chloroethoxy)methane	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Butylbenzylphthalate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Chrysene	0.51	0.33 J	NA	ND(0.40)	0.32 J
Diallate	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Dibenzo(a,h)anthracene	0.057 J	ND(0.40)	NA	ND(0.40)	ND(0.43)
Dibenzofuran	ND(0.42)	0.062 J	NA	ND(0.40)	ND(0.43)
Diethylphthalate	ND(0.42)	ND(0.40)	NA	0.084 J	0.10 J
Dimethylphthalate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Di-n-Butylphthalate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Di-n-Octylphthalate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Diphenylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Ethyl Methanesulfonate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Fluoranthene	0.92	0.82	NA	0.067 J	0.60
Fluorene	ND(0.42)	0.059 J	NA	ND(0.40)	ND(0.43)
Hexachlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Hexachlorobutadiene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Hexachlorocyclopentadiene	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Hexachloroethane	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Hexachlorophene	ND(8.5)	ND(8.1)	NA	ND(8.2)	ND(8.7)
Hexachloropropene	ND(4.2)	ND(4.0)	NA	ND(4.0)	ND(4.3)
Indeno(1,2,3-cd)pyrene	0.20 J	0.11 J	NA	ND(0.40)	0.13 J
Isodrin	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Isophorone	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Isosafrole	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Methapyrilene	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Methyl Methanesulfonate	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Naphthalene	0.029 J	0.071 J	NA	ND(0.40)	ND(0.43)
Nitrobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosodiethylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosodimethylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitroso-di-n-butylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitroso-di-n-propylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosodiphenylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosomethylethylamine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosomorpholine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosopiperidine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
N-Nitrosopyrrolidine	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
o,o,o-Triethylphosphorothioate	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
o-Toluidine	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
p-Dimethylaminoazobenzene	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Pentachlorobenzene	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Pentachloroethane	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Pentachloronitrobenzene	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Pentachlorophenol	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)
Phenacetin	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Phenanthrene	0.54	0.78	NA	ND(0.40)	0.34 J
Phenol	ND(0.42)	ND(0.40)	NA	ND(0.40)	ND(0.43)
Pronamide	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Pyrene	0.67	0.46	NA	0.051 J	0.43
Pyridine	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Safrole	ND(0.83)	ND(0.79)	NA	ND(0.81)	ND(0.86)
Thionazin	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(2.1)

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample ID:	RAA15-J6	RAA15-J6	RAA15-J6	RAA15-J7	RAA15-L6
Sample Depth(Feet):	1-3	10-15	12-15	0-1	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Furans					
2,3,7,8-TCDF	0.000010 Y	ND(0.0000012) YJ	NA	0.0000014 Y	0.000013 Y
TCDFs (total)	0.000042	ND(0.0000012) YJ	NA	0.0000042	0.000056
1,2,3,7,8-PeCDF	ND(0.0000028) X	ND(0.00000022) XJ	NA	ND(0.00000052) X	0.0000046 J
2,3,4,7,8-PeCDF	0.0000046 J	ND(0.00000017) J	NA	ND(0.00000059) X	0.0000090
PeCDFs (total)	0.000050	ND(0.00000022) XJ	NA	ND(0.0000015) X	0.000051
1,2,3,4,7,8-HxCDF	0.0000086	ND(0.00000045) X	NA	ND(0.0000011) X	0.000013
1,2,3,6,7,8-HxCDF	0.0000048 J	ND(0.00000049) X	NA	ND(0.00000071) X	0.0000069
1,2,3,7,8,9-HxCDF	ND(0.00000051)	ND(0.00000017)	NA	ND(0.00000026)	ND(0.00000099)
2,3,4,6,7,8-HxCDF	0.0000046 J	ND(0.00000014)	NA	ND(0.00000057) X	0.0000064 J
HxCDFs (total)	0.00024	ND(0.0000019) X	NA	0.000013	0.00041
1,2,3,4,6,7,8-HpCDF	0.00034	0.0000058 J	NA	0.000019	0.00088
1,2,3,4,7,8,9-HpCDF	0.0000093	ND(0.00000016)	NA	ND(0.00000065) X	0.0000085
HpCDFs (total)	0.00083	0.000011	NA	0.000040	0.0016
OCDF	0.00044 D	ND(0.0000038)	NA	0.000022	0.00056 D
Dioxins					
2,3,7,8-TCDD	0.00000092 J	ND(0.00000014) J	NA	ND(0.00000012) X	0.0000020
TCDDs (total)	0.0000039	ND(0.00000014) J	NA	ND(0.00000022) X	0.0000048
1,2,3,7,8-PeCDD	ND(0.0000023)	ND(0.00000035) J	NA	ND(0.00000026) X	ND(0.0000015) X
PeCDDs (total)	0.0000088	ND(0.00000072) J	NA	ND(0.00000066) X	ND(0.0000031)
1,2,3,4,7,8-HxCDD	0.0000057 J	ND(0.00000016)	NA	ND(0.00000046) X	0.0000036 J
1,2,3,6,7,8-HxCDD	0.000031	ND(0.00000024) X	NA	ND(0.0000013) X	0.000020
1,2,3,7,8,9-HxCDD	0.000011	ND(0.00000014) X	NA	ND(0.0000012) X	0.0000065 J
HxCDDs (total)	0.00019	ND(0.00000085) X	NA	0.0000039	0.00013
1,2,3,4,6,7,8-HpCDD	0.00091	0.0000045 J	NA	0.000040	0.00045
HpCDDs (total)	0.0017	0.0000090	NA	0.000067	0.00083
OCDD	0.0082 D	ND(0.000046)	NA	0.00028	0.0048 D
Total TEQs (WHO TEFs)	0.000025	0.00000055	NA	0.0000014	0.000028
Inorganics					
Antimony	ND(7.60)	ND(7.20)	NA	ND(7.30)	ND(7.80)
Arsenic	3.70	3.50	NA	3.20	4.10
Barium	45.6	22.7 B	NA	31.7	47.1
Beryllium	0.730	0.570 B	NA	0.650	0.820
Cadmium	0.790	0.490 B	NA	0.680	0.910
Chromium	21.7	8.00	NA	9.90	22.7
Cobalt	8.30	6.70	NA	8.50	7.60
Copper	28.9	11.2	NA	16.6	26.0
Cyanide	0.280 B	0.240 B	NA	0.220 B	0.320 B
Lead	51.2	7.50	NA	29.5	52.9
Mercury	0.280	0.0440	NA	0.0550	0.240
Nickel	16.4	12.2	NA	16.5	15.2
Selenium	0.600 B	ND(0.600)	NA	ND(0.610)	0.410 B
Silver	0.540 B	ND(1.20)	NA	ND(1.20)	0.0900 B
Sulfide	37.2	ND(12.0)	NA	ND(12.2)	ND(13.0)
Thallium	0.950 B	0.710 B	NA	0.830 B	0.860 B
Tin	ND(7.50)	ND(5.60)	NA	ND(5.60)	ND(8.00)
Vanadium	19.4	7.10	NA	11.9	13.8
Zinc	93.7	46.0	NA	74.7	95.7

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample Depth(Feet):	1-3	3-6	4-6
Parameter Date Collected:	02/13/03	02/13/03	02/13/03
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0051)	NA	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0051)	NA	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0051)	NA	ND(0.0053)
1,1,2-Trichloroethane	ND(0.0051)	NA	ND(0.0053)
1,1-Dichloroethane	ND(0.0051)	NA	ND(0.0053)
1,1-Dichloroethene	ND(0.0051)	NA	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0051)	NA	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0051)	NA	ND(0.0053)
1,2-Dibromoethane	ND(0.0051)	NA	ND(0.0053)
1,2-Dichloroethane	ND(0.0051)	NA	ND(0.0053)
1,2-Dichloropropane	ND(0.0051)	NA	ND(0.0053)
1,4-Dioxane	ND(1.0) J	NA	ND(1.1) J
2-Butanone	ND(0.0051) J	NA	ND(0.0053) J
2-Chloro-1,3-butadiene	ND(0.0051)	NA	ND(0.0053)
2-Chloroethylvinylether	ND(0.010) J	NA	ND(0.011) J
2-Hexanone	ND(0.020)	NA	ND(0.021)
3-Chloropropene	ND(0.0051)	NA	ND(0.0053)
4-Methyl-2-pentanone	ND(0.020)	NA	ND(0.021)
Acetone	ND(0.020) J	NA	ND(0.021) J
Acetonitrile	ND(0.10) J	NA	ND(0.11) J
Acrolein	ND(0.10) J	NA	ND(0.11) J
Acrylonitrile	ND(0.10)	NA	ND(0.11)
Benzene	ND(0.0051)	NA	ND(0.0053)
Bromodichloromethane	ND(0.0051)	NA	ND(0.0053)
Bromoform	ND(0.0051)	NA	ND(0.0053)
Bromomethane	ND(0.0051)	NA	ND(0.0053)
Carbon Disulfide	ND(0.0051)	NA	ND(0.0053)
Carbon Tetrachloride	ND(0.0051)	NA	ND(0.0053)
Chlorobenzene	ND(0.0051)	NA	ND(0.0053)
Chloroethane	ND(0.010)	NA	ND(0.011)
Chloroform	ND(0.0051)	NA	ND(0.0053)
Chloromethane	ND(0.0051)	NA	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0051)	NA	ND(0.0053)
Dibromochloromethane	ND(0.0051)	NA	ND(0.0053)
Dibromomethane	ND(0.0051)	NA	ND(0.0053)
Dichlorodifluoromethane	ND(0.0051)	NA	ND(0.0053)
Ethyl Methacrylate	ND(0.0051)	NA	ND(0.0053)
Ethylbenzene	ND(0.0051)	NA	ND(0.0053)
Iodomethane	ND(0.0051)	NA	ND(0.0053)
Isobutanol	ND(0.20) J	NA	ND(0.21) J
Methacrylonitrile	ND(0.0051)	NA	ND(0.0053)
Methyl Methacrylate	ND(0.0051)	NA	ND(0.0053)
Methylene Chloride	0.0012 J	NA	0.0011 J
Propionitrile	ND(0.010)	NA	ND(0.011)
Styrene	ND(0.0051)	NA	ND(0.0053)
Tetrachloroethene	ND(0.0051)	NA	ND(0.0053)
Toluene	ND(0.0051)	NA	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0051)	NA	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0051)	NA	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0051)	NA	ND(0.0053)
Trichloroethene	ND(0.0051)	NA	ND(0.0053)
Trichlorofluoromethane	ND(0.0051) J	NA	ND(0.0053) J
Vinyl Acetate	ND(0.0051)	NA	ND(0.0053)
Vinyl Chloride	ND(0.010)	NA	ND(0.011)
Xylenes (total)	ND(0.0051)	NA	ND(0.0053)

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample Depth(Feet):	1-3	3-6	4-6
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.37)	ND(0.38)	NA
1,2-Diphenylhydrazine	ND(0.37)	ND(0.38)	NA
1,3,5-Trinitrobenzene	ND(1.8)	ND(1.8)	NA
1,3-Dichlorobenzene	ND(0.37)	ND(0.38)	NA
1,3-Dinitrobenzene	ND(0.37)	ND(0.38)	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.38)	NA
1,4-Naphthoquinone	ND(1.8)	ND(1.8)	NA
1-Naphthylamine	ND(0.37)	ND(0.38)	NA
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.38)	NA
2,4,5-Trichlorophenol	ND(0.37)	ND(0.38)	NA
2,4,6-Trichlorophenol	ND(0.37)	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.37)	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.37)	ND(0.38)	NA
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.37)	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.37)	ND(0.38)	NA
2,6-Dinitrotoluene	ND(0.37)	ND(0.38)	NA
2-Acetylaminofluorene	ND(0.74)	ND(0.76)	NA
2-Chloronaphthalene	ND(0.37)	ND(0.38)	NA
2-Chlorophenol	ND(0.37)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.37)	ND(0.38)	NA
2-Methylphenol	ND(0.37)	ND(0.38)	NA
2-Naphthylamine	ND(0.37)	ND(0.38)	NA
2-Nitroaniline	ND(1.8)	ND(1.8)	NA
2-Nitrophenol	ND(0.37)	ND(0.38)	NA
2-Picoline	ND(0.74)	ND(0.76)	NA
3&4-Methylphenol	ND(0.74)	ND(0.76)	NA
3,3'-Dichlorobenzidine	ND(1.8)	ND(1.8)	NA
3,3'-Dimethylbenzidine	ND(1.8)	ND(1.8)	NA
3-Methylcholanthrene	ND(1.8)	ND(1.8)	NA
3-Nitroaniline	ND(1.8)	ND(1.8)	NA
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(1.8)	NA
4-Aminobiphenyl	ND(1.8)	ND(1.8)	NA
4-Bromophenyl-phenylether	ND(0.37)	ND(0.38)	NA
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.38)	NA
4-Chloroaniline	ND(0.37)	ND(0.38)	NA
4-Chlorobenzilate	ND(0.37)	ND(0.38)	NA
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.38)	NA
4-Nitroaniline	ND(1.8)	ND(1.8)	NA
4-Nitrophenol	ND(1.8)	ND(1.8)	NA
4-Nitroquinoline-1-oxide	ND(3.7)	ND(3.8)	NA
4-Phenylenediamine	ND(7.4)	ND(7.6)	NA
5-Nitro-o-toluidine	ND(0.74)	ND(0.76)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.74)	ND(0.76)	NA
a,a'-Dimethylphenethylamine	ND(1.8)	ND(1.8)	NA
Acenaphthene	ND(0.37)	ND(0.38)	NA
Acenaphthylene	ND(0.37)	ND(0.38)	NA
Acetophenone	ND(0.37)	ND(0.38)	NA
Aniline	ND(0.37)	ND(0.38)	NA
Anthracene	ND(0.37)	ND(0.38)	NA
Aramite	ND(1.8)	ND(1.8)	NA
Benzidine	ND(3.7)	ND(3.8)	NA
Benzo(a)anthracene	ND(0.37)	ND(0.38)	NA
Benzo(a)pyrene	ND(0.37)	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.37)	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.37)	ND(0.38)	NA

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample Depth(Feet):	1-3	3-6	4-6
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)			
Benzyl Alcohol	ND(0.37)	ND(0.38)	NA
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.38)	NA
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.38)	NA
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.38)	NA
Butylbenzylphthalate	ND(0.37)	ND(0.38)	NA
Chrysene	ND(0.37)	ND(0.38)	NA
Diallate	ND(0.74)	ND(0.76)	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.38)	NA
Dibenzofuran	ND(0.37)	ND(0.38)	NA
Diethylphthalate	0.13 J	ND(0.38)	NA
Dimethylphthalate	ND(0.37)	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.37)	ND(0.38)	NA
Di-n-Octylphthalate	ND(0.37)	ND(0.38)	NA
Diphenylamine	ND(0.37)	ND(0.38)	NA
Ethyl Methanesulfonate	ND(0.37)	ND(0.38)	NA
Fluoranthene	ND(0.37)	ND(0.38)	NA
Fluorene	ND(0.37)	ND(0.38)	NA
Hexachlorobenzene	ND(0.37)	ND(0.38)	NA
Hexachlorobutadiene	ND(0.37)	ND(0.38)	NA
Hexachlorocyclopentadiene	ND(1.8)	ND(1.8)	NA
Hexachloroethane	ND(0.37)	ND(0.38)	NA
Hexachlorophene	ND(7.5)	ND(7.7)	NA
Hexachloropropene	ND(3.7)	ND(3.8)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.38)	NA
Isodrin	ND(0.37)	ND(0.38)	NA
Isophorone	ND(0.37)	ND(0.38)	NA
Isosafrole	ND(0.74)	ND(0.76)	NA
Methapyrilene	ND(1.8)	ND(1.8)	NA
Methyl Methanesulfonate	ND(0.37)	ND(0.38)	NA
Naphthalene	ND(0.37)	ND(0.38)	NA
Nitrobenzene	ND(0.37)	ND(0.38)	NA
N-Nitrosodiethylamine	ND(0.37)	ND(0.38)	NA
N-Nitrosodimethylamine	ND(0.37)	ND(0.38)	NA
N-Nitroso-di-n-butylamine	ND(0.37)	ND(0.38)	NA
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.38)	NA
N-Nitrosodiphenylamine	ND(0.37)	ND(0.38)	NA
N-Nitrosomethylethylamine	ND(0.37)	ND(0.38)	NA
N-Nitrosomorpholine	ND(0.37)	ND(0.38)	NA
N-Nitrosopiperidine	ND(0.37)	ND(0.38)	NA
N-Nitrosopyrrolidine	ND(0.37)	ND(0.38)	NA
o,o,o-Triethylphosphorothioate	ND(1.8)	ND(1.8)	NA
o-Toluidine	ND(0.74)	ND(0.76)	NA
p-Dimethylaminoazobenzene	ND(0.74)	ND(0.76)	NA
Pentachlorobenzene	ND(0.37)	ND(0.38)	NA
Pentachloroethane	ND(1.8)	ND(1.8)	NA
Pentachloronitrobenzene	ND(1.8)	ND(1.8)	NA
Pentachlorophenol	ND(1.8)	ND(1.8)	NA
Phenacetin	ND(0.74)	ND(0.76)	NA
Phenanthrene	ND(0.37)	ND(0.38)	NA
Phenol	ND(0.37)	ND(0.38)	NA
Pronamide	ND(0.74)	ND(0.76)	NA
Pyrene	0.048 J	ND(0.38)	NA
Pyridine	ND(0.74)	ND(0.76)	NA
Safrole	ND(0.74)	ND(0.76)	NA
Thionazin	ND(1.8)	ND(1.8)	NA

TABLE E-55
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample ID:	RAA15-N6	RAA15-N6	RAA15-N6
Sample Depth(Feet):	1-3	3-6	4-6
Parameter Date Collected:	02/13/03	02/13/03	02/13/03
Furans			
2,3,7,8-TCDF	0.0000017 Y	ND(0.00000019)	NA
TCDFs (total)	0.0000056	ND(0.00000019)	NA
1,2,3,7,8-PeCDF	ND(0.00000041) X	ND(0.00000013) X	NA
2,3,4,7,8-PeCDF	ND(0.00000037) X	ND(0.00000017) X	NA
PeCDFs (total)	ND(0.00000046)	ND(0.00000017) X	NA
1,2,3,4,7,8-HxCDF	ND(0.00000066) X	ND(0.00000018) X	NA
1,2,3,6,7,8-HxCDF	ND(0.00000025) X	ND(0.00000013) X	NA
1,2,3,7,8,9-HxCDF	ND(0.00000015)	ND(0.000000086) X	NA
2,3,4,6,7,8-HxCDF	ND(0.00000026) X	ND(0.000000086) X	NA
HxCDFs (total)	ND(0.0000018) X	ND(0.00000018) X	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000016) X	ND(0.00000023) X	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000013) X	ND(0.000000074)	NA
HpCDFs (total)	ND(0.0000016) X	ND(0.00000023) X	NA
OCDF	ND(0.0000030)	ND(0.00000042)	NA
Dioxins			
2,3,7,8-TCDD	ND(0.00000011)	ND(0.000000097) X	NA
TCDDs (total)	ND(0.00000011)	ND(0.000000097) X	NA
1,2,3,7,8-PeCDD	ND(0.00000021)	ND(0.00000017)	NA
PeCDDs (total)	ND(0.00000021) X	ND(0.00000017) X	NA
1,2,3,4,7,8-HxCDD	ND(0.00000016)	ND(0.00000011) X	NA
1,2,3,6,7,8-HxCDD	ND(0.00000019) X	ND(0.000000086)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000025) X	ND(0.00000011) X	NA
HxCDDs (total)	ND(0.00000059) X	ND(0.00000011) X	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000024) X	ND(0.00000033) X	NA
HpCDDs (total)	ND(0.0000024) X	ND(0.00000033) X	NA
OCDD	ND(0.000021)	ND(0.0000043) X	NA
Total TEQs (WHO TEFs)	0.00000055	0.00000023	NA
Inorganics			
Antimony	ND(6.70)	ND(6.90)	NA
Arsenic	5.20	3.50	NA
Barium	24.4	23.8	NA
Beryllium	0.620	0.530 B	NA
Cadmium	0.390 B	0.390 B	NA
Chromium	8.20	7.90	NA
Cobalt	6.80	7.70	NA
Copper	9.10	11.0	NA
Cyanide	ND(0.560)	ND(0.570)	NA
Lead	9.90	6.70	NA
Mercury	0.0510	0.0420	NA
Nickel	10.8	12.8	NA
Selenium	ND(0.560)	ND(0.570)	NA
Silver	ND(1.10)	ND(1.10)	NA
Sulfide	ND(11.2)	ND(11.4)	NA
Thallium	ND(1.10)	ND(1.10)	NA
Tin	ND(5.80)	ND(5.20)	NA
Vanadium	11.2	9.10	NA
Zinc	37.9	39.7	NA

Notes:
1. Laboratory qualifiers are defined in Table C-2.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-56
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL K10-10-3

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
Methylene Chloride	0.0012	8.5	No
Semivolatile Organics			
Acenaphthene	0.049	2,600	No
Acenaphthylene	0.13	55*	No
Anthracene	0.099	14,000	No
Benzo(a)anthracene	0.36	0.56	No
Benzo(a)pyrene	0.43	0.056	**Yes**
Benzo(b)fluoranthene	0.38	0.56	No
Benzo(g,h,i)perylene	0.18	55*	No
Benzo(k)fluoranthene	0.43	5.6	No
Chrysene	0.51	56	No
Dibenzo(a,h)anthracene	0.057	0.056	**Yes**
Dibenzofuran	0.062	210	No
Diethylphthalate	0.13	44,000	No
Fluoranthene	0.92	2,000	No
Fluorene	0.059	1,800	No
Indeno(1,2,3-cd)pyrene	0.2	0.56	No
Naphthalene	0.071	55	No
Phenanthrene	0.78	55*	No
Pyrene	0.67	1,500	No
Inorganics			
Arsenic	5.2	0.38	**Yes**
Barium	47.1	5,200	No
Beryllium	0.82	150	No
Cadmium	0.91	37	No
Chromium	22.7	210	No
Cobalt	8.5	3,300	No
Copper	28.9	2,800	No
Cyanide	0.32	11*	No
Lead	52.9	400	No
Mercury	0.28	22	No
Nickel	16.5	1,500	No
Selenium	0.6	370	No
Silver	0.54	370	No
Sulfide	37.2	350*	No
Thallium	0.95	6	No
Vanadium	19.4	520	No
Zinc	95.7	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-57
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-3 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-J7 0-1 02/13/03	RAA15-L6 0-1 02/13/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	**0.20**	0.27	N/A (See Note 5)	0.24	0.7	No
Dibenzo(a,h)anthracene	**0.20**	**0.22**	N/A (See Note 5)	0.21	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000014	0.000028	2.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	3.20	4.10	N/A (See Note 5)	3.65	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-58
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-3 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-J7 0-1 02/13/03	RAA15-L6 0-1 02/13/03	RAA15-J6 1-3 02/13/03	RAA15-N6 1-3 02/13/03
Semivolatile Organics				
Benzo(a)pyrene	**0.20**	0.27	0.43	**0.19**
Dibenzo(a,h)anthracene	**0.20**	**0.22**	0.057	**0.19**
Dioxins/Furans				
Total TEQs (WHO TEFs)	0.0000014	0.000028	0.000025	0.00000055
Inorganics				
Arsenic	3.20	4.10	3.70	5.20

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)pyrene	N/A (See Note 5)	0.27	0.7	No
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.17	0.7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	4.05	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-59
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-3 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-J7 0-1 02/13/03	RAA15-L6 0-1 02/13/03	RAA15-J6 1-3 02/13/03	RAA15-N6 1-3 02/13/03	RAA15-N6 3-6 02/13/03
Semivolatile Organics					
Benzo(a)pyrene	**0.20**	0.27	0.43	**0.19**	**0.19**
Dibenzo(a,h)anthracene	**0.20**	**0.22**	0.057	**0.19**	**0.19**
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	0.00000023
Inorganics					
Arsenic	3.20	4.10	3.70	5.20	3.50

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-J6 10-15 02/13/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)pyrene	0.24	N/A (See Note 5)	0.25	0.7	No
Dibenzo(a,h)anthracene	**0.20**	N/A (See Note 5)	0.18	0.7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000055	5.50E-07	N/A (See Note 5)	2.00E-02	No
Inorganics					
Arsenic	3.50	N/A (See Note 5)	3.87	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs (WHO TEFs) were evaluated for the 3- to 15-foot depth increment only.

Parcel K10-10-4

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TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,1,1-Trichloroethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,1,2,2-Tetrachloroethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,1,2-Trichloroethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,1-Dichloroethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,1-Dichloroethene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,2,3-Trichloropropane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,2-Dibromo-3-chloropropane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,2-Dibromoethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,2-Dichloroethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,2-Dichloropropane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
1,4-Dioxane	ND(1.3) J	ND(1.0) J	NA	ND(1.1) J	ND(1.3) J
2-Butanone	ND(0.0065) J	ND(0.0051) J	NA	ND(0.0057) J	ND(0.0063) J
2-Chloro-1,3-butadiene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
2-Chloroethylvinylether	ND(0.013) J	ND(0.010) J	NA	ND(0.011) J	ND(0.013) J
2-Hexanone	ND(0.026)	ND(0.021)	NA	ND(0.023)	ND(0.025)
3-Chloropropene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
4-Methyl-2-pentanone	ND(0.026)	ND(0.021)	NA	ND(0.023)	ND(0.025)
Acetone	0.0076 J	ND(0.021) J	NA	ND(0.023) J	ND(0.025) J
Acetonitrile	ND(0.13) J	ND(0.10) J	NA	ND(0.11) J	ND(0.13) J
Acrolein	ND(0.13) J	ND(0.10) J	NA	ND(0.11) J	ND(0.13) J
Acrylonitrile	ND(0.13)	ND(0.10)	NA	ND(0.11)	ND(0.13)
Benzene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Bromodichloromethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Bromoform	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Bromomethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Carbon Disulfide	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Carbon Tetrachloride	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Chlorobenzene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Chloroethane	ND(0.013)	ND(0.010)	NA	ND(0.011)	ND(0.013)
Chloroform	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Chloromethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
cis-1,3-Dichloropropene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Dibromochloromethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Dibromomethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Dichlorodifluoromethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Ethyl Methacrylate	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Ethylbenzene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Iodomethane	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Isobutanol	ND(0.26) J	ND(0.21) J	NA	ND(0.23) J	ND(0.25) J
Methacrylonitrile	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Methyl Methacrylate	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Methylene Chloride	0.0017 J	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Propionitrile	ND(0.013)	ND(0.010)	NA	ND(0.011)	ND(0.013)
Styrene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Tetrachloroethene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Toluene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
trans-1,2-Dichloroethene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
trans-1,3-Dichloropropene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
trans-1,4-Dichloro-2-butene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Trichloroethene	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Trichlorofluoromethane	ND(0.0065) J	ND(0.0051) J	NA	ND(0.0057) J	ND(0.0063) J
Vinyl Acetate	ND(0.0065)	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)
Vinyl Chloride	ND(0.013)	ND(0.010)	NA	ND(0.011)	ND(0.013)
Xylenes (total)	0.0027 J	ND(0.0051)	NA	ND(0.0057)	ND(0.0063)

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,2-Dichlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,2-Diphenylhydrazine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,3,5-Trinitrobenzene	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
1,3-Dichlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,3-Dinitrobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,4-Dichlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
1,4-Naphthoquinone	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
1-Naphthylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,3,4,6-Tetrachlorophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,4,5-Trichlorophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,4,6-Trichlorophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,4-Dichlorophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,4-Dimethylphenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,4-Dinitrophenol	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
2,4-Dinitrotoluene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,6-Dichlorophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2,6-Dinitrotoluene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Acetylaminofluorene	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
2-Chloronaphthalene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Chlorophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Methylnaphthalene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Methylphenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Naphthylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Nitroaniline	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
2-Nitrophenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
2-Picoline	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
3&4-Methylphenol	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
3,3'-Dichlorobenzidine	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
3,3'-Dimethylbenzidine	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
3-Methylcholanthrene	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
3-Nitroaniline	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
4-Aminobiphenyl	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
4-Bromophenyl-phenylether	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
4-Chloro-3-Methylphenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
4-Chloroaniline	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
4-Chlorobenzilate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
4-Chlorophenyl-phenylether	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
4-Nitroaniline	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
4-Nitrophenol	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
4-Nitroquinoline-1-oxide	ND(4.1)	ND(3.7)	ND(4.3)	NA	ND(4.2)
4-Phenylenediamine	ND(8.2)	ND(7.4)	ND(8.7)	NA	ND(8.5)
5-Nitro-o-toluidine	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
a,a'-Dimethylphenethylamine	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Acenaphthene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Acenaphthylene	ND(0.41)	ND(0.37)	ND(0.43)	NA	0.061 J
Acetophenone	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Aniline	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Anthracene	ND(0.41)	ND(0.37)	ND(0.43)	NA	0.053 J
Aramite	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Benzidine	ND(4.1)	ND(3.7)	ND(4.3)	NA	ND(4.2)
Benzo(a)anthracene	0.075 J	ND(0.37)	ND(0.43)	NA	0.20 J
Benzo(a)pyrene	0.088 J	ND(0.37)	ND(0.43)	NA	0.23 J
Benzo(b)fluoranthene	0.089 J	ND(0.37)	ND(0.43)	NA	0.23 J
Benzo(g,h,i)perylene	ND(0.41)	ND(0.37)	ND(0.43)	NA	0.081 J

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Semivolatile Organics (continued)					
Benzo(k)fluoranthene	0.097 J	ND(0.37)	ND(0.43)	NA	0.27 J
Benzyl Alcohol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
bis(2-Chloroethoxy)methane	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
bis(2-Chloroethyl)ether	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
bis(2-Chloroisopropyl)ether	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Butylbenzylphthalate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Chrysene	0.11 J	ND(0.37)	ND(0.43)	NA	0.28 J
Diallate	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Dibenzofuran	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Diethylphthalate	ND(0.41)	0.11 J	ND(0.43)	NA	ND(0.42)
Dimethylphthalate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Di-n-Butylphthalate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Di-n-Octylphthalate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Diphenylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Ethyl Methanesulfonate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Fluoranthene	0.17 J	ND(0.37)	ND(0.43)	NA	0.52
Fluorene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Hexachlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Hexachlorobutadiene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Hexachlorocyclopentadiene	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Hexachloroethane	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Hexachlorophene	ND(8.4)	ND(7.6)	ND(8.8)	NA	ND(8.6)
Hexachloropropene	ND(4.1)	ND(3.7)	ND(4.3)	NA	ND(4.2)
Indeno(1,2,3-cd)pyrene	ND(0.41)	ND(0.37)	ND(0.43)	NA	0.10 J
Isodrin	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Isophorone	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Isosafrole	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Methapyrilene	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Methyl Methanesulfonate	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Naphthalene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Nitrobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosodiethylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosodimethylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitroso-di-n-butylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosodiphenylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosomethylethylamine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosomorpholine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosopiperidine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
N-Nitrosopyrrolidine	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
o,o,o-Triethylphosphorothioate	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
o-Toluidine	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
p-Dimethylaminoazobenzene	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Pentachlorobenzene	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Pentachloroethane	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Pentachloronitrobenzene	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)
Phenacetin	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Phenanthrene	0.096 J	ND(0.37)	ND(0.43)	NA	0.25 J
Phenol	ND(0.41)	ND(0.37)	ND(0.43)	NA	ND(0.42)
Pronamide	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Pyrene	0.13 J	ND(0.37)	ND(0.43)	NA	0.33 J
Pyridine	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Safrole	ND(0.82)	ND(0.74)	ND(0.87)	NA	ND(0.85)
Thionazin	ND(2.0)	ND(1.8)	ND(2.1)	NA	ND(2.1)

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample ID:	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G11	RAA15-G13
Sample Depth(Feet):	0-1	1-3	3-6	4-6	0-1
Parameter / Date Collected:	02/13/03	02/13/03	02/13/03	02/13/03	02/13/03
Furans					
2,3,7,8-TCDF	0.0000092 Y	0.0000013 Y	ND(0.00000030) XJ	NA	0.000025 Y
TCDFs (total)	0.000051	0.0000013	ND(0.00000030) XJ	NA	0.00010
1,2,3,7,8-PeCDF	ND(0.0000027) X	ND(0.00000052) X	ND(0.00000032) XJ	NA	0.0000073
2,3,4,7,8-PeCDF	ND(0.0000027) X	ND(0.00000025) X	ND(0.00000030) XJ	NA	0.0000069
PeCDFs (total)	0.0000049	ND(0.00000052) X	ND(0.00000032) XJ	NA	0.000031
1,2,3,4,7,8-HxCDF	0.0000039 J	ND(0.00000043) X	ND(0.00000024) X	NA	0.0000066
1,2,3,6,7,8-HxCDF	ND(0.0000016) X	ND(0.00000016) X	ND(0.00000016) X	NA	0.0000034 J
1,2,3,7,8,9-HxCDF	ND(0.00000052) X	ND(0.000000046) X	ND(0.00000012) X	NA	ND(0.00000021)
2,3,4,6,7,8-HxCDF	ND(0.0000016) X	ND(0.00000011) X	ND(0.00000017) X	NA	ND(0.0000030) X
HxCDFs (total)	0.000024	ND(0.00000043) X	ND(0.00000024) X	NA	0.000056
1,2,3,4,6,7,8-HpCDF	0.000014	ND(0.00000038)	ND(0.00000016) X	NA	0.000049
1,2,3,4,7,8,9-HpCDF	ND(0.00000070) X	ND(0.000000073)	ND(0.00000012) X	NA	ND(0.0000017) X
HpCDFs (total)	0.000025	ND(0.00000038)	ND(0.00000016)	NA	0.000093
OCDF	0.000013	ND(0.00000041)	ND(0.00000029)	NA	0.000055
Dioxins					
2,3,7,8-TCDD	ND(0.00000022) X	ND(0.000000056)	ND(0.00000020) XJ	NA	ND(0.00000018) X
TCDDs (total)	ND(0.00000051) X	ND(0.000000068) X	ND(0.00000020) XJ	NA	ND(0.00000059) X
1,2,3,7,8-PeCDD	ND(0.00000030) X	ND(0.00000015)	ND(0.00000022)	NA	ND(0.00000053) X
PeCDDs (total)	ND(0.00000034) X	ND(0.00000027) X	ND(0.00000066) X	NA	ND(0.00000088) X
1,2,3,4,7,8-HxCDD	ND(0.00000024) X	ND(0.00000011) X	ND(0.00000017) X	NA	ND(0.00000053) X
1,2,3,6,7,8-HxCDD	ND(0.00000056) X	ND(0.00000011) X	ND(0.00000014) X	NA	ND(0.0000021) X
1,2,3,7,8,9-HxCDD	ND(0.00000052) X	ND(0.00000015) X	ND(0.00000014) X	NA	ND(0.0000012) X
HxCDDs (total)	ND(0.0000018) X	ND(0.00000016) X	ND(0.00000017) X	NA	0.0000084
1,2,3,4,6,7,8-HpCDD	0.000012	ND(0.00000045) X	ND(0.00000055) X	NA	0.000047
HpCDDs (total)	0.000021	ND(0.00000045) X	ND(0.00000055) X	NA	0.000082
OCDD	0.00012	ND(0.0000035) X	ND(0.0000042) X	NA	0.00053
Total TEQs (WHO TEFs)	0.0000028	0.00000037	0.00000037	NA	0.0000090
Inorganics					
Antimony	ND(7.50)	ND(6.80)	ND(7.90)	NA	ND(7.70)
Arsenic	4.50	2.30	2.20	NA	4.40
Barium	53.5	29.7	45.4	NA	39.8
Beryllium	0.710	0.590	0.840	NA	0.760
Cadmium	0.590 B	0.380 B	0.430 B	NA	0.580 B
Chromium	15.6	12.6	11.5	NA	23.2
Cobalt	8.70	7.00	8.30	NA	6.40 B
Copper	16.9	13.8	11.1	NA	20.9
Cyanide	ND(0.620)	ND(0.560)	ND(0.660)	NA	0.260 B
Lead	31.3	12.7	6.60	NA	56.2
Mercury	0.160	0.150	0.0590	NA	0.250
Nickel	14.3	12.5	14.9	NA	12.5
Selenium	ND(0.620)	ND(0.560)	ND(0.660)	NA	0.840
Silver	ND(1.30)	ND(1.10)	ND(1.30)	NA	ND(1.30)
Sulfide	ND(12.5)	ND(11.3)	ND(13.1)	NA	ND(12.8)
Thallium	0.770 B	0.750 B	0.880 B	NA	ND(1.30)
Tin	ND(7.20)	ND(5.90)	ND(5.40)	NA	ND(8.00)
Vanadium	16.3	9.90	12.7	NA	15.1
Zinc	70.0	47.7	58.4	NA	79.4

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample ID:	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/19/03	02/13/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1,1-Trichloroethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1,2,2-Tetrachloroethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1,2-Trichloroethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1-Dichloroethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,1-Dichloroethene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2,3-Trichloropropane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dibromo-3-chloropropane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dibromoethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dichloroethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,2-Dichloropropane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
1,4-Dioxane	ND(0.91) J	ND(1.2) J	ND(1.4) J	NA
2-Butanone	ND(0.0045) J	ND(0.0058) J	ND(0.0070) J	NA
2-Chloro-1,3-butadiene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
2-Chloroethylvinylether	ND(0.0091) J	ND(0.012) J	ND(0.014) J	NA
2-Hexanone	ND(0.018)	ND(0.023)	ND(0.028)	NA
3-Chloropropene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
4-Methyl-2-pentanone	ND(0.018)	ND(0.023)	ND(0.028)	NA
Acetone	ND(0.018) J	ND(0.023) J	ND(0.028) J	NA
Acetonitrile	ND(0.091) J	ND(0.12) J	ND(0.14) J	NA
Acrolein	ND(0.091) J	ND(0.12) J	ND(0.14) J	NA
Acrylonitrile	ND(0.091)	ND(0.12)	ND(0.14)	NA
Benzene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Bromodichloromethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Bromoform	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Bromomethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Carbon Disulfide	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Carbon Tetrachloride	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Chlorobenzene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Chloroethane	ND(0.0091)	ND(0.012)	ND(0.014)	NA
Chloroform	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Chloromethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
cis-1,3-Dichloropropene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Dibromochloromethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Dibromomethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Dichlorodifluoromethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Ethyl Methacrylate	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Ethylbenzene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Iodomethane	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Isobutanol	ND(0.18) J	ND(0.23) J	ND(0.28) J	NA
Methacrylonitrile	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Methyl Methacrylate	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Methylene Chloride	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Propionitrile	ND(0.0091)	ND(0.012)	ND(0.014)	NA
Styrene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Tetrachloroethene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Toluene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
trans-1,2-Dichloroethene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
trans-1,3-Dichloropropene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
trans-1,4-Dichloro-2-butene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Trichloroethene	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Trichlorofluoromethane	ND(0.0045) J	ND(0.0058) J	ND(0.0070) J	NA
Vinyl Acetate	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA
Vinyl Chloride	ND(0.0091)	ND(0.012)	ND(0.014)	NA
Xylenes (total)	ND(0.0045)	ND(0.0058)	ND(0.0070)	NA

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample ID:	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/19/03	02/13/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,2-Dichlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,3,5-Trinitrobenzene	ND(1.9)	ND(1.8)	NA	ND(2.1)
1,3-Dichlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,3-Dinitrobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,4-Dichlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
1,4-Naphthoquinone	0.042 J	ND(1.8)	NA	ND(2.1)
1-Naphthylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4,5-Trichlorophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4-Dichlorophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4-Dimethylphenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,4-Dinitrophenol	ND(1.9)	ND(1.8)	NA	ND(2.1)
2,4-Dinitrotoluene	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,6-Dichlorophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2,6-Dinitrotoluene	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Acetylaminofluorene	ND(0.78)	ND(0.73)	NA	ND(0.86)
2-Chloronaphthalene	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Chlorophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Methylnaphthalene	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Methylphenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Naphthylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Nitroaniline	ND(1.9)	ND(1.8)	NA	ND(2.1)
2-Nitrophenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
2-Picoline	ND(0.78)	ND(0.73)	NA	ND(0.86)
3&4-Methylphenol	ND(0.78)	ND(0.73)	NA	ND(0.86)
3,3'-Dichlorobenzidine	ND(1.9)	ND(1.8)	NA	ND(2.1)
3,3'-Dimethylbenzidine	ND(1.9)	ND(1.8)	NA	ND(2.1)
3-Methylcholanthrene	ND(1.9)	ND(1.8)	NA	ND(2.1)
3-Nitroaniline	ND(1.9)	ND(1.8)	NA	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Aminobiphenyl	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chloroaniline	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chlorobenzilate	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.36)	NA	ND(0.43)
4-Nitroaniline	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Nitrophenol	ND(1.9)	ND(1.8)	NA	ND(2.1)
4-Nitroquinoline-1-oxide	ND(3.9)	ND(3.6)	NA	ND(4.3)
4-Phenylenediamine	ND(7.8)	ND(7.3)	NA	ND(8.6)
5-Nitro-o-toluidine	ND(0.78)	ND(0.73)	NA	ND(0.86)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.73)	NA	ND(0.86)
a,a'-Dimethylphenethylamine	ND(1.9)	ND(1.8)	NA	ND(2.1)
Acenaphthene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Acenaphthylene	ND(0.39)	0.024 J	NA	ND(0.43)
Acetophenone	ND(0.39)	ND(0.36)	NA	ND(0.43)
Aniline	ND(0.39)	ND(0.36)	NA	ND(0.43)
Anthracene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Aramite	ND(1.9)	ND(1.8)	NA	ND(2.1)
Benzidine	ND(3.9)	ND(3.6)	NA	ND(4.3)
Benzo(a)anthracene	0.084 J	0.063 J	NA	ND(0.43)
Benzo(a)pyrene	0.099 J	0.073 J	NA	ND(0.43)
Benzo(b)fluoranthene	0.090 J	0.066 J	NA	ND(0.43)
Benzo(g,h,i)perylene	ND(0.39)	ND(0.36)	NA	ND(0.43)

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample ID:	RAA15-H8	RAA15-H8	RAA15-H8	RAA15-H8
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/13/03	02/13/03	02/19/03	02/13/03
Semivolatile Organics (continued)				
Benzo(k)fluoranthene	0.10 J	0.079 J	NA	ND(0.43)
Benzyl Alcohol	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.36)	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Butylbenzylphthalate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Chrysene	0.11 J	0.090 J	NA	ND(0.43)
Diallate	ND(0.78)	ND(0.73)	NA	ND(0.86)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Dibenzofuran	ND(0.39)	ND(0.36)	NA	ND(0.43)
Diethylphthalate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Dimethylphthalate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Di-n-Butylphthalate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Di-n-Octylphthalate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Diphenylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
Ethyl Methanesulfonate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Fluoranthene	0.22 J	0.16 J	NA	ND(0.43)
Fluorene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorobutadiene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorocyclopentadiene	ND(1.9)	ND(1.8)	NA	ND(2.1)
Hexachloroethane	ND(0.39)	ND(0.36)	NA	ND(0.43)
Hexachlorophene	ND(7.9)	ND(7.4)	NA	ND(8.8)
Hexachloropropene	ND(3.9)	ND(3.6)	NA	ND(4.3)
Indeno(1,2,3-cd)pyrene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Isodrin	ND(0.39)	ND(0.36)	NA	ND(0.43)
Isophorone	ND(0.39)	ND(0.36)	NA	ND(0.43)
Isosafrole	ND(0.78)	ND(0.73)	NA	ND(0.86)
Methapyrilene	ND(1.9)	ND(1.8)	NA	ND(2.1)
Methyl Methanesulfonate	ND(0.39)	ND(0.36)	NA	ND(0.43)
Naphthalene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Nitrobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosodiethylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosodimethylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitroso-di-n-butylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosomethylethylamine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosomorpholine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosopiperidine	ND(0.39)	ND(0.36)	NA	ND(0.43)
N-Nitrosopyrrolidine	ND(0.39)	ND(0.36)	NA	ND(0.43)
o,o,o-Triethylphosphorothioate	ND(1.9)	ND(1.8)	NA	ND(2.1)
o-Toluidine	ND(0.78)	ND(0.73)	NA	ND(0.86)
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.73)	NA	ND(0.86)
Pentachlorobenzene	ND(0.39)	ND(0.36)	NA	ND(0.43)
Pentachloroethane	ND(1.9)	ND(1.8)	NA	ND(2.1)
Pentachloronitrobenzene	ND(1.9)	ND(1.8)	NA	ND(2.1)
Pentachlorophenol	ND(1.9)	ND(1.8)	NA	ND(2.1)
Phenacetin	ND(0.78)	ND(0.73)	NA	ND(0.86)
Phenanthrene	0.11 J	0.088 J	NA	ND(0.43)
Phenol	ND(0.39)	ND(0.36)	NA	ND(0.43)
Pronamide	ND(0.78)	ND(0.73)	NA	ND(0.86)
Pyrene	0.14 J	0.12 J	NA	ND(0.43)
Pyridine	ND(0.78)	ND(0.73)	NA	ND(0.86)
Safrole	ND(0.78)	ND(0.73)	NA	ND(0.86)
Thionazin	ND(1.9)	ND(1.8)	NA	ND(2.1)

TABLE E-60
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-H8 / RAA15-H8 / 0-1 / 02/13/03	RAA15-H8 / RAA15-H8 / 1-3 / 02/13/03	RAA15-H8 / RAA15-H8 / 10-12 / 02/19/03	RAA15-H8 / RAA15-H8 / 10-15 / 02/13/03
Furans				
2,3,7,8-TCDF	0.0000057 YJ	0.0000034 Y	NA	0.000012 Y
TCDFs (total)	0.000027 J	0.000017	NA	0.000050
1,2,3,7,8-PeCDF	ND(0.0000023) XJ	ND(0.0000011) X	NA	0.0000033 J
2,3,4,7,8-PeCDF	0.0000038 J	ND(0.0000018) X	NA	0.0000054 J
PeCDFs (total)	0.000012 J	0.0000047	NA	0.000070
1,2,3,4,7,8-HxCDF	0.0000051 J	ND(0.0000024) X	NA	0.000016
1,2,3,6,7,8-HxCDF	0.0000034 J	ND(0.0000015) X	NA	0.0000079
1,2,3,7,8,9-HxCDF	ND(0.0000010)	ND(0.00000044)	NA	ND(0.0000015)
2,3,4,6,7,8-HxCDF	ND(0.0000022) X	ND(0.0000011) X	NA	0.000013
HxCDFs (total)	0.000067	0.000056	NA	0.00037
1,2,3,4,6,7,8-HpCDF	0.00013	0.00013	NA	0.00012
1,2,3,4,7,8,9-HpCDF	ND(0.0000021) X	ND(0.0000013) X	NA	0.0000098
HpCDFs (total)	0.00024	0.00023	NA	0.00031
OCDF	0.000094	0.000085	NA	0.00020
Dioxins				
2,3,7,8-TCDD	ND(0.00000018) J	ND(0.00000013) X	NA	ND(0.00000048) X
TCDDs (total)	ND(0.00000031) J	ND(0.00000026)	NA	0.0000018
1,2,3,7,8-PeCDD	ND(0.00000057) J	ND(0.00000036)	NA	0.0000064 J
PeCDDs (total)	ND(0.00000057) J	ND(0.00000058) X	NA	0.000036
1,2,3,4,7,8-HxCDD	ND(0.00000052) X	ND(0.00000061) X	NA	0.0000054 J
1,2,3,6,7,8-HxCDD	ND(0.0000025) X	0.0000032 J	NA	0.000019
1,2,3,7,8,9-HxCDD	ND(0.0000016) X	ND(0.0000014) X	NA	0.0000075
HxCDDs (total)	0.000013	0.000017	NA	0.00015
1,2,3,4,6,7,8-HpCDD	0.000067	0.000094	NA	0.00021
HpCDDs (total)	0.00012	0.00018	NA	0.00038
OCDD	0.00064	0.0010	NA	0.0018
Total TEQs (WHO TEFs)	0.0000062	0.0000041	NA	0.000021
Inorganics				
Antimony	ND(7.10)	ND(6.60)	NA	ND(7.80)
Arsenic	3.00	3.20	NA	1.50
Barium	59.5	25.5	NA	19.5 B
Beryllium	0.610	0.620	NA	0.600 B
Cadmium	0.740	0.410 B	NA	0.310 B
Chromium	9.60	10.7	NA	7.80
Cobalt	6.90	5.60	NA	5.20 B
Copper	14.3	14.4	NA	6.40
Cyanide	ND(0.590)	ND(0.550)	NA	ND(0.650)
Lead	24.5	17.1	NA	7.50
Mercury	0.220	0.110	NA	0.0380 B
Nickel	13.0	11.3	NA	9.50
Selenium	0.380 B	ND(0.550)	NA	ND(0.650)
Silver	ND(1.20)	ND(1.10)	NA	ND(1.30)
Sulfide	ND(11.8)	ND(11.0)	NA	ND(13.1)
Thallium	0.850 B	0.690 B	NA	ND(1.30)
Tin	ND(6.40)	ND(4.90)	NA	ND(5.50)
Vanadium	10.0	7.70	NA	8.20
Zinc	148	47.9	NA	38.8

Notes:
1. Laboratory qualifiers are defined in Table C-2.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-61
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL K10-10-4

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
Acetone	0.0076	1,400	No
Methylene Chloride	0.0017	8.5	No
Xylenes (total)	0.0027	210*	No
Semivolatile Organics			
1,4-Naphthoquinone	0.042	55*	No
Acenaphthylene	0.061	55*	No
Anthracene	0.053	14,000	No
Benzo(a)anthracene	0.2	0.56	No
Benzo(a)pyrene	0.23	0.056	**Yes**
Benzo(b)fluoranthene	0.23	0.56	No
Benzo(g,h,i)perylene	0.081	55*	No
Benzo(k)fluoranthene	0.27	5.6	No
Chrysene	0.28	56	No
Diethylphthalate	0.11	44,000	No
Fluoranthene	0.52	2,000	No
Indeno(1,2,3-cd)pyrene	0.1	0.56	No
Phenanthrene	0.25	55*	No
Pyrene	0.33	1,500	No
Inorganics			
Arsenic	4.5	0.38	**Yes**
Barium	59.5	5,200	No
Beryllium	0.84	150	No
Cadmium	0.74	37	No
Chromium	23.2	210	No
Cobalt	8.7	3,300	No
Copper	20.9	2,800	No
Cyanide	0.26	11*	No
Lead	56.2	400	No
Mercury	0.25	22	No
Nickel	14.9	1,500	No
Selenium	0.84	370	No
Thallium	0.88	6	No
Vanadium	16.3	520	No
Zinc	148	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-62
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-4 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G11 0-1 02/13/03	RAA15-G13 0-1 02/13/03	RAA15-H8 0-1 02/13/03	Maximum Sample Result	Arithmetic Average Concentration	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Initial Comparison Criteria? (See Note 4)
Semivolatile Organics							
Benzo(a)pyrene	0.088	0.23	0.099	N/A (See Note 4)	0.14	0.7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	0.0000028	0.0000090	0.0000062	9.00E-06	N/A (See Note 4)	1.00E-03	No
Inorganics							
Arsenic	4.50	4.40	3.00	N/A (See Note 4)	3.97	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
4. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-63
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-4 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G11 0-1 02/13/03	RAA15-G13 0-1 02/13/03	RAA15-H8 0-1 02/13/03	RAA15-G11 1-3 02/13/03	RAA15-H8 1-3 02/13/03
Semivolatile Organics					
Benzo(a)pyrene	0.088	0.23	0.099	**0.19**	0.073
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000028	0.0000090	0.0000062	0.00000037	0.0000041
Inorganics					
Arsenic	4.50	4.40	3.00	2.30	3.20

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)pyrene	N/A (See Note 5)	0.14	0.70	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	9.00E-06	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	3.48	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-64
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-4 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G11 0-1 02/13/03	RAA15-G13 0-1 02/13/03	RAA15-H8 0-1 02/13/03	RAA15-G11 1-3 02/13/03	RAA15-H8 1-3 02/13/03	RAA15-G11 3-6 02/13/03
Semivolatile Organics						
Benzo(a)pyrene	0.088	0.23	0.099	**0.19**	0.073	**0.22**
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6	0.00000037
Inorganics						
Arsenic	4.50	4.40	3.00	2.30	3.20	2.20

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-H8 10-15 02/13/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)pyrene	**0.22**	N/A (See Note 5)	0.16	0.70	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.000021	2.10E-05	N/A (See Note 5)	2.00E-02	No
Inorganics					
Arsenic	1.50	N/A (See Note 5)	3.01	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs (WHO TEFs) were evaluated for the 3- to 15-foot depth increment only.

Parcel K10-10-33

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TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-2	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample ID:	ROO2B0810	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	01/31/91	02/20/03	02/20/03	02/20/03	02/20/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.012)	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.012)	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,1-Dichloroethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,1-Dichloroethene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,2,3-Trichloropropane	ND(0.018)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,2-Dibromoethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,2-Dichloroethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,2-Dichloroethene (total)	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
1,4-Dioxane	NA	ND(1.3) J	ND(1.3) J	NA	ND(1.2) J
2-Butanone	ND(0.012)	ND(0.0063)	0.0013 J	NA	0.0038 J
2-Chloro-1,3-butadiene	NA	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
2-Chloroethylvinylether	ND(0.012)	ND(0.013) J	ND(0.013) J	NA	ND(0.012) J
2-Hexanone	ND(0.018)	ND(0.025)	ND(0.026)	NA	ND(0.023)
3-Chloropropene	ND(0.018)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
4-Methyl-2-pentanone	ND(0.018)	ND(0.025)	ND(0.026)	NA	ND(0.023)
Acetone	0.032 B	ND(0.025)	ND(0.026)	NA	0.0098 J
Acetonitrile	NA	ND(0.13) J	ND(0.13) J	NA	ND(0.12) J
Acrolein	ND(0.11)	ND(0.13) J	ND(0.13) J	NA	ND(0.12) J
Acrylonitrile	ND(0.15)	ND(0.13)	ND(0.13)	NA	ND(0.12)
Benzene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Bromodichloromethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Bromoform	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Bromomethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Carbon Disulfide	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Carbon Tetrachloride	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Chlorobenzene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Chloroethane	ND(0.012)	ND(0.013)	ND(0.013)	NA	ND(0.012)
Chloroform	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Chloromethane	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
cis-1,4-Dichloro-2-butene	ND(0.018)	NA	NA	NA	NA
Crotonaldehyde	ND(0.12)	NA	NA	NA	NA
Dibromochloromethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Dibromomethane	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Dichlorodifluoromethane	NA	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Ethyl Methacrylate	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Ethylbenzene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Iodomethane	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Isobutanol	NA	ND(0.25)	ND(0.26)	NA	ND(0.23)
Methacrylonitrile	NA	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Methyl Methacrylate	NA	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Methylene Chloride	0.038 B	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Propionitrile	NA	ND(0.013) J	ND(0.013) J	NA	ND(0.012) J
Styrene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Tetrachloroethene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Toluene	ND(0.0060)	ND(0.0063)	ND(0.00081)	NA	ND(0.0058)
trans-1,2-Dichloroethene	NA	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.018)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Trichloroethene	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Trichlorofluoromethane	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Vinyl Acetate	ND(0.012)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)
Vinyl Chloride	ND(0.012)	ND(0.013)	ND(0.013)	NA	ND(0.012)
Xylenes (total)	ND(0.0060)	ND(0.0063)	ND(0.0064)	NA	ND(0.0058)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-2	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample ID:	ROO2B0810	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	01/31/91	02/20/03	02/20/03	02/20/03	02/20/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	ND(0.40)	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	ND(0.40)	NA	NA	NA	NA
1,2,3-Trichlorobenzene	ND(0.40)	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,2-Dichlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,2-Diphenylhydrazine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,3,5-Trichlorobenzene	ND(0.40)	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.81)	ND(1.8)	ND(1.8)	ND(2.0)	NA
1,3-Dichlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,3-Dinitrobenzene	NA	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,4-Dichlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
1,4-Dinitrobenzene	ND(0.81)	NA	NA	NA	NA
1,4-Naphthoquinone	ND(0.81)	ND(1.8)	ND(1.8)	ND(2.0)	NA
1-Chloronaphthalene	ND(0.40)	NA	NA	NA	NA
1-Methylnaphthalene	ND(0.40)	NA	NA	NA	NA
1-Naphthylamine	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,3,4,6-Tetrachlorophenol	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,4,5-Trichlorophenol	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,4,6-Trichlorophenol	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,4-Dichlorophenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,4-Dimethylphenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,4-Dinitrophenol	ND(1.6)	ND(1.8)	ND(1.8)	ND(2.0)	NA
2,4-Dinitrotoluene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,6-Dichlorophenol	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2,6-Dinitrotoluene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2-Acetylaminofluorene	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
2-Chloronaphthalene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2-Chlorophenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2-Methylnaphthalene	ND(0.40)	ND(0.37)	ND(0.37)	0.034 J	NA
2-Methylphenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2-Naphthylamine	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2-Nitroaniline	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
2-Nitrophenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
2-Phenylenediamine	ND(0.40)	NA	NA	NA	NA
2-Picoline	ND(0.81)	ND(0.75)	ND(0.75)	ND(0.81)	NA
3&4-Methylphenol	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
3,3'-Dichlorobenzidine	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
3,3'-Dimethoxybenzidine	ND(0.40)	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
3-Methylcholanthrene	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
3-Nitroaniline	ND(0.81)	ND(1.8)	ND(1.8)	ND(2.0)	NA
3-Phenylenediamine	ND(0.40)	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	ND(0.40)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(1.2)	ND(1.8)	ND(1.8)	ND(2.0)	NA
4-Aminobiphenyl	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
4-Bromophenyl-phenylether	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
4-Chloro-3-Methylphenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
4-Chloroaniline	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
4-Chlorobenzilate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
4-Chlorophenyl-phenylether	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
4-Nitroaniline	ND(0.81)	ND(1.8)	ND(1.8)	ND(2.0)	NA
4-Nitrophenol	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
4-Nitroquinoline-1-oxide	NA	ND(3.7)	ND(3.7)	ND(4.0)	NA
4-Phenylenediamine	ND(0.40)	ND(7.5)	ND(7.5)	ND(8.1)	NA
5-Nitro-o-toluidine	ND(0.81)	ND(0.75)	ND(0.75)	ND(0.81)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
a,a'-Dimethylphenethylamine	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Acenaphthene	ND(0.40)	ND(0.37)	ND(0.37)	0.069 J	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-2	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample ID:	ROO2B0810	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	01/31/91	02/20/03	02/20/03	02/20/03	02/20/03
Semivolatile Organics (continued)					
Acetophenone	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Aniline	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Anthracene	ND(0.40)	ND(0.37)	ND(0.37)	0.16 J	NA
Aramite	NA	ND(1.8)	ND(1.8)	ND(2.0)	NA
Benzal chloride	ND(0.40)	NA	NA	NA	NA
Benzidine	ND(0.40)	ND(3.7)	ND(3.7)	ND(4.0)	NA
Benzo(a)anthracene	0.045 J	0.074 J	0.10 J	0.31 J	NA
Benzo(a)pyrene	0.042 J	0.076 J	0.095 J	0.27 J	NA
Benzo(b)fluoranthene	0.086 JZ	0.065 J	0.083 J	0.22 J	NA
Benzo(g,h,i)perylene	ND(0.40)	ND(0.37)	ND(0.37)	0.098 J	NA
Benzo(k)fluoranthene	0.086 JZ	0.078 J	0.090 J	0.28 J	NA
Benzoic Acid	ND(4.0)	NA	NA	NA	NA
Benzotrichloride	ND(0.81)	NA	NA	NA	NA
Benzyl Alcohol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Benzyl Chloride	ND(0.40)	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
bis(2-Chloroethyl)ether	ND(0.81)	ND(0.37)	ND(0.37)	ND(0.40)	NA
bis(2-Chloroisopropyl)ether	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate	0.067 J	ND(0.37)	ND(0.37)	ND(0.40)	NA
Butylbenzylphthalate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Chrysene	0.059 J	0.091 J	0.12 J	0.32 J	NA
Cyclophosphamide	ND(2.0)	NA	NA	NA	NA
Diallate	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Dibenz(a,j)acridine	ND(0.40)	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Dibenzofuran	ND(0.40)	ND(0.37)	ND(0.37)	0.056 J	NA
Diethylphthalate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Dimethylphthalate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Di-n-Butylphthalate	0.053 J	ND(0.37)	ND(0.37)	ND(0.40)	NA
Di-n-Octylphthalate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Diphenylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Ethyl Methacrylate	ND(0.40)	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Fluoranthene	0.080 J	0.16 J	0.20 J	0.65	NA
Fluorene	ND(0.40)	ND(0.37)	ND(0.37)	0.080 J	NA
Hexachlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Hexachlorobutadiene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Hexachlorocyclopentadiene	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Hexachloroethane	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Hexachlorophene	NA	ND(7.6) J	ND(7.6) J	ND(8.2) J	NA
Hexachloropropene	ND(0.40)	ND(3.7)	ND(3.7)	ND(4.0)	NA
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.37)	ND(0.37)	0.12 J	NA
Isodrin	NA	ND(0.37)	ND(0.37)	ND(0.40)	NA
Isophorone	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Isosafrole	ND(0.81)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Methapyrilene	ND(0.81)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Methyl Methanesulfonate	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Naphthalene	ND(0.40)	ND(0.37)	ND(0.37)	0.081 J	NA
Nitrobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosodiethylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosodimethylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitroso-di-n-butylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitroso-di-n-propylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosodiphenylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosomethylethylamine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosomorpholine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosopiperidine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
N-Nitrosopyrrolidine	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
o,o,o-Triethylphosphorothioate	NA	ND(1.8)	ND(1.8)	ND(2.0)	NA
o-Toluidine	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-2	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample ID:	ROO2B0810	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	01/31/91	02/20/03	02/20/03	02/20/03	02/20/03
Semivolatile Organics (continued)					
p-Dimethylaminoazobenzene	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Pentachlorobenzene	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Pentachloroethane	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Pentachloronitrobenzene	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Pentachlorophenol	ND(0.81)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Phenacetin	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Phenanthrene	0.053 J	0.082 J	0.16 J	0.57	NA
Phenol	ND(0.40)	ND(0.37)	ND(0.37)	ND(0.40)	NA
Pronamide	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Pyrene	0.097 J	0.13 J	0.17 J	0.48	NA
Pyridine	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Safrole	ND(0.40)	ND(0.75)	ND(0.75)	ND(0.81)	NA
Thionazin	ND(0.40)	ND(1.8)	ND(1.8)	ND(2.0)	NA
Organophosphate Pesticides					
Dimethoate	ND(0.40)	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.000032)	ND(0.0000015) X	ND(0.0000018) X	ND(0.0000019) X	NA
TCDFs (total)	ND(0.000067)	ND(0.000068) X	ND(0.000047) X	ND(0.000026) X	NA
1,2,3,7,8-PeCDF	NA	ND(0.00000041) X	0.00000071 J	ND(0.00000052) X	NA
2,3,4,7,8-PeCDF	NA	ND(0.00000070) X	0.0000011 J	ND(0.00000083) X	NA
PeCDFs (total)	ND(0.000043)	ND(0.00013) X	ND(0.000074) X	ND(0.000045) X	NA
1,2,3,4,7,8-HxCDF	NA	0.0000016 J	0.0000016 J	0.0000014 J	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.000012) X	ND(0.0000067) X	ND(0.0000056) X	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000029)	ND(0.00000031)	ND(0.00000017)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000055) X	ND(0.00000070) X	0.00000074 J	NA
HxCDFs (total)	ND(0.000079)	ND(0.00010) X	ND(0.000059) X	ND(0.000050) X	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000024	0.000045	0.000045	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000049)	ND(0.00000087) X	0.0000011 J	NA
HpCDFs (total)	ND(0.00010)	0.000045	ND(0.000079) X	0.000083	NA
OCDF	ND(0.00018)	0.000020	0.000037	0.000037	NA
Dioxins					
2,3,7,8-TCDD	ND(0.000071)	ND(0.00000063)	ND(0.00000063)	ND(0.00000045)	NA
TCDDs (total)	ND(0.000071)	ND(0.00000063)	ND(0.00000075) X	0.00000051 J	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000043) X	ND(0.00000039)	ND(0.00000030)	NA
PeCDDs (total)	ND(0.000070)	ND(0.0000024) X	ND(0.0000015) X	ND(0.00000079) X	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000039)	ND(0.00000047)	ND(0.00000028)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000090) X	ND(0.0000014) X	0.0000041 J	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000082) X	0.00000097 J	0.00000084 J	NA
HxCDDs (total)	ND(0.00011)	ND(0.0000087) X	ND(0.000011) X	ND(0.000011) X	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000020	0.000032	0.000031	NA
HpCDDs (total)	ND(0.00013)	0.000036	0.000052	0.000051	NA
OCDD	ND(0.00022)	0.00017	0.00026	0.00032	NA
Total TEQs (WHO TEFs)	0.000037	0.0000022	0.0000027	0.0000025	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-2	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample ID:	ROO2B0810	RAA15-E18	RAA15-E18	RAA15-E18	RAA15-E18
Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6
Parameter / Date Collected:	01/31/91	02/20/03	02/20/03	02/20/03	02/20/03
Inorganics					
Aluminum	2900	NA	NA	NA	NA
Antimony	ND(1.20)	ND(6.80)	0.440 B	ND(7.30)	NA
Arsenic	ND(1.20)	2.20	2.60	2.00	NA
Barium	ND(24.0)	25.4	24.3	30.7	NA
Beryllium	ND(0.600)	0.190 B	0.0610 B	ND(0.610)	NA
Cadmium	ND(0.600)	0.280 B	0.270 B	0.300 B	NA
Calcium	ND(600)	NA	NA	NA	NA
Chromium	4.20	9.60	9.40	11.0	NA
Cobalt	ND(6.00)	5.50 B	5.70	6.50	NA
Copper	ND(3.00)	12.2	11.1	13.1	NA
Cyanide	ND(0.600)	0.360 B	0.210 B	ND(0.610)	NA
Iron	7400	NA	NA	NA	NA
Lead	ND(12.0)	12.2	12.9	16.0	NA
Magnesium	1300	NA	NA	NA	NA
Manganese	56.0	NA	NA	NA	NA
Mercury	ND(0.120)	0.0330 B	0.0480	0.0590	NA
Nickel	ND(4.80)	10.0	10.2	11.0	NA
Potassium	ND(600)	NA	NA	NA	NA
Selenium	ND(0.600)	ND(0.570)	ND(0.570)	ND(0.610)	NA
Silver	ND(600)	ND(1.10)	ND(1.10)	ND(1.20)	NA
Sodium	ND(600)	NA	NA	NA	NA
Sulfide	NA	ND(11.4)	ND(11.3)	ND(12.2)	NA
Thallium	ND(1.20)	ND(1.10)	ND(1.10)	ND(1.20)	NA
Tin	NA	ND(5.40)	ND(4.80)	ND(5.70)	NA
Vanadium	ND(6.00)	8.50	8.80	8.90	NA
Zinc	19.0	47.0	50.3	55.4	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample Depth(Feet):	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/19/03	02/19/03	02/19/03	02/18/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,1,2,2-Tetrachloroethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,1-Dichloroethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,1-Dichloroethene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,2,3-Trichloropropane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,2-Dibromo-3-chloropropane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,2-Dibromoethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,2-Dichloroethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
1,4-Dioxane	NA	ND(1.2) J	ND(1.2) J	ND(1.7) J [ND(1.9) J]
2-Butanone	NA	ND(0.0062) J	ND(0.0061) J	ND(0.0085) J [ND(0.0093) J]
2-Chloro-1,3-butadiene	NA	ND(0.0062) J	ND(0.0061) J	ND(0.0085) J [ND(0.0093) J]
2-Chloroethylvinylether	NA	ND(0.012) J	ND(0.012) J	ND(0.017) J [ND(0.019) J]
2-Hexanone	NA	ND(0.025)	ND(0.024)	ND(0.034) J [ND(0.037) J]
3-Chloropropene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
4-Methyl-2-pentanone	NA	ND(0.025)	ND(0.024)	ND(0.034) [ND(0.037)]
Acetone	NA	ND(0.025) J	ND(0.024) J	ND(0.034) J [ND(0.037) J]
Acetonitrile	NA	ND(0.12)	ND(0.12)	ND(0.17) J [ND(0.19) J]
Acrolein	NA	ND(0.12) J	ND(0.12) J	ND(0.17) J [ND(0.19) J]
Acrylonitrile	NA	ND(0.12) J	ND(0.12) J	ND(0.17) J [ND(0.19) J]
Benzene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Bromodichloromethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Bromoform	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Bromomethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Carbon Disulfide	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Carbon Tetrachloride	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Chlorobenzene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Chloroethane	NA	ND(0.012)	ND(0.012)	ND(0.017) [ND(0.019)]
Chloroform	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Chloromethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
cis-1,3-Dichloropropene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Dibromomethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Dichlorodifluoromethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Ethyl Methacrylate	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Ethylbenzene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Iodomethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Isobutanol	NA	ND(0.25) J	ND(0.24) J	ND(0.34) J [ND(0.37) J]
Methacrylonitrile	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Methyl Methacrylate	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Methylene Chloride	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Propionitrile	NA	ND(0.012)	ND(0.012)	ND(0.017) [ND(0.019)]
Styrene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Tetrachloroethene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Toluene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
trans-1,2-Dichloroethene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
trans-1,3-Dichloropropene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
trans-1,4-Dichloro-2-butene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Trichloroethene	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Trichlorofluoromethane	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Vinyl Acetate	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]
Vinyl Chloride	NA	ND(0.012)	ND(0.012)	ND(0.017) [ND(0.019)]
Xylenes (total)	NA	ND(0.0062)	ND(0.0061)	ND(0.0085) [ND(0.0093)]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample Depth(Feet):	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/19/03	02/19/03	02/19/03	02/18/03
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,2,4-Trichlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,2-Dichlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,2-Diphenylhydrazine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
1,3-Dichlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,3-Dinitrobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,4-Dichlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,3,4,6-Tetrachlorophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,4,5-Trichlorophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,4,6-Trichlorophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,4-Dichlorophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,4-Dimethylphenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,4-Dinitrophenol	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
2,4-Dinitrotoluene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,6-Dichlorophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2,6-Dinitrotoluene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Acetylaminofluorene	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
2-Chloronaphthalene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Chlorophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Methylnaphthalene	0.035 J	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Methylphenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Naphthylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Nitroaniline	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
2-Nitrophenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
3&4-Methylphenol	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
3,3'-Dichlorobenzidine	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
3-Methylcholanthrene	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
3-Nitroaniline	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
4-Aminobiphenyl	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
4-Bromophenyl-phenylether	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
4-Chloro-3-Methylphenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
4-Chloroaniline	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
4-Chlorobenzilate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
4-Chlorophenyl-phenylether	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
4-Nitroaniline	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
4-Nitrophenol	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
4-Nitroquinoline-1-oxide	ND(4.4)	NA	ND(4.2)	ND(5.5) [ND(11)]
4-Phenylenediamine	ND(8.8)	NA	ND(8.3)	ND(11) [ND(22)]
5-Nitro-o-toluidine	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
7,12-Dimethylbenz(a)anthracene	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
a,a'-Dimethylphenethylamine	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Acenaphthene	0.059 J	NA	ND(0.42)	ND(0.55) [ND(1.1)]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample Depth(Feet):	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/19/03	02/19/03	02/19/03	02/18/03
Semivolatile Organics (continued)				
Acetophenone	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Aniline	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Anthracene	0.13 J	NA	0.086 J	0.15 J [ND(1.1)]
Aramite	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Benzal chloride	NA	NA	NA	NA
Benzidine	ND(4.4)	NA	ND(4.2)	ND(5.5) [ND(11)]
Benzo(a)anthracene	0.30 J	NA	0.29 J	0.49 J [0.33 J]
Benzo(a)pyrene	0.30 J	NA	0.32 J	0.63 [0.39 J]
Benzo(b)fluoranthene	0.22 J	NA	0.26 J	0.64 [0.35 J]
Benzo(g,h,i)perylene	0.13 J	NA	0.15 J	0.19 J [0.31 J]
Benzo(k)fluoranthene	0.28 J	NA	0.32 J	0.69 [0.38 J]
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
bis(2-Chloroethyl)ether	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
bis(2-Chloroisopropyl)ether	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
bis(2-Ethylhexyl)phthalate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Butylbenzylphthalate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Chrysene	0.35 J	NA	0.40 J	0.77 [0.51 J]
Cyclophosphamide	NA	NA	NA	NA
Diallate	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Dibenzofuran	0.043 J	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Diethylphthalate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Dimethylphthalate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Di-n-Butylphthalate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Di-n-Octylphthalate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Diphenylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Fluoranthene	0.60	NA	0.64	1.5 [0.89 J]
Fluorene	0.068 J	NA	0.040 J	0.058 J [ND(1.1)]
Hexachlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Hexachlorobutadiene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Hexachlorocyclopentadiene	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Hexachloroethane	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Hexachlorophene	ND(9.0) J	NA	ND(8.5) J	ND(11) J [ND(23) J]
Hexachloropropene	ND(4.4)	NA	ND(4.2)	ND(5.5) [ND(11)]
Indeno(1,2,3-cd)pyrene	0.14 J	NA	0.17 J	0.23 J [0.30 J]
Isodrin	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Isophorone	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Isosafrole	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Methapyrilene	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Methyl Methanesulfonate	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Naphthalene	0.052 J	NA	0.031 J	0.038 J [ND(1.1)]
Nitrobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosodiethylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosodimethylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitroso-di-n-butylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitroso-di-n-propylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosodiphenylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosomethylethylamine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosomorpholine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosopiperidine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
N-Nitrosopyrrolidine	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
o,o,o-Triethylphosphorothioate	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
o-Toluidine	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample ID:	RAA15-E20	RAA15-E20	RAA15-E21	RAA15-F19
Sample Depth(Feet):	3-6	4-6	0-1	0-1
Parameter / Date Collected:	02/19/03	02/19/03	02/19/03	02/18/03
Semivolatile Organics (continued)				
p-Dimethylaminoazobenzene	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Pentachlorobenzene	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Pentachloroethane	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Pentachloronitrobenzene	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Pentachlorophenol	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Phenacetin	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Phenanthrene	0.58	NA	0.42	0.78 [0.57 J]
Phenol	ND(0.44)	NA	ND(0.42)	ND(0.55) [ND(1.1)]
Pronamide	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Pyrene	0.49	NA	0.56	0.98 [0.87 J]
Pyridine	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Safrole	ND(0.88)	NA	ND(0.83)	ND(1.1) [ND(2.2)]
Thionazin	ND(2.1)	NA	ND(2.0)	ND(2.7) [ND(5.4)]
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000020) X	NA	ND(0.0000015) X	0.000011 J [0.0000038 J]
TCDFs (total)	ND(0.000020) X	NA	ND(0.000011) X	ND(0.0014) X [ND(0.000094) X]
1,2,3,7,8-PeCDF	0.0000012 J	NA	ND(0.00000038) X	0.0000033 J [ND(0.0000010) X]
2,3,4,7,8-PeCDF	0.0000018 J	NA	0.00000056 J	0.0000086 [0.0000014 J]
PeCDFs (total)	ND(0.000031) X	NA	ND(0.000019) X	ND(0.0043) X [ND(0.00027) X]
1,2,3,4,7,8-HxCDF	0.0000044 J	NA	0.00000093 J	0.000018 [0.0000026 J]
1,2,3,6,7,8-HxCDF	ND(0.0000042) X	NA	ND(0.0000024) X	ND(0.00065) X [ND(0.000050) X]
1,2,3,7,8,9-HxCDF	ND(0.00000029)	NA	ND(0.00000012)	0.00000069 J [ND(0.00000023)]
2,3,4,6,7,8-HxCDF	ND(0.00000085) X	NA	0.00000047 J	0.000011 [0.0000016 J]
HxCDFs (total)	ND(0.00019) X	NA	ND(0.000024) X	ND(0.0031) X [ND(0.00023) X]
1,2,3,4,6,7,8-HpCDF	0.00043	NA	0.000026	0.00011 J [0.000035 J]
1,2,3,4,7,8,9-HpCDF	0.0000052 J	NA	0.00000063 J	0.00001 J [0.0000014 J]
HpCDFs (total)	0.00094	NA	0.000051	0.00025 J [0.00007 J]
OCDF	0.00050	NA	0.000023	0.000085 J [0.000023 J]
Dioxins				
2,3,7,8-TCDD	ND(0.00000043)	NA	ND(0.00000033)	ND(0.00000061) [ND(0.00000057)]
TCDDs (total)	ND(0.00000043)	NA	ND(0.00000033)	ND(0.0000033) X [ND(0.00000057)]
1,2,3,7,8-PeCDD	ND(0.00000029)	NA	ND(0.00000027) X	ND(0.0000047) X [0.0000076 J]
PeCDDs (total)	ND(0.00000071) X	NA	ND(0.0000011) X	ND(0.000034) X [ND(0.0000098) X]
1,2,3,4,7,8-HxCDD	ND(0.00000052) X	NA	ND(0.00000023) X	ND(0.0000041) X [0.00000054 J]
1,2,3,6,7,8-HxCDD	0.0000046 J	NA	ND(0.00000091) X	0.000011 [ND(0.0000014) X]
1,2,3,7,8,9-HxCDD	0.0000016 J	NA	0.0000012 J	0.0000081 J [0.0000013 J]
HxCDDs (total)	ND(0.000028) X	NA	ND(0.0000080) X	ND(0.00011) X [ND(0.000014) X]
1,2,3,4,6,7,8-HpCDD	0.00024	NA	0.000028	0.000097 J [0.000023 J]
HpCDDs (total)	0.00055	NA	0.000053	0.00018 J [0.000041 J]
OCDD	0.0034	NA	0.00028	0.00064 J [0.00017 J]
Total TEQs (WHO TEFs)	0.0000099	NA	0.0000017	0.000048 [0.000013]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-E20 / RAA15-E20 / 3-6 / 02/19/03	RAA15-E20 / RAA15-E20 / 4-6 / 02/19/03	RAA15-E21 / RAA15-E21 / 0-1 / 02/19/03	RAA15-F19 / RAA15-F19 / 0-1 / 02/18/03
Inorganics					
Aluminum		NA	NA	NA	NA
Antimony		ND(8.00)	NA	ND(7.60)	ND(10.1) J [ND(10.2)]
Arsenic		2.10	NA	2.20	5.70 [5.90]
Barium		28.8	NA	29.4	80.1 [75.9]
Beryllium		0.220 B	NA	0.260 B	1.00 [ND(1.00)]
Cadmium		0.250 B	NA	0.260 B	1.00 [1.10]
Calcium		NA	NA	NA	NA
Chromium		14.2	NA	12.5	37.0 [32.3]
Cobalt		5.40 B	NA	5.90 B	10.9 [10.5]
Copper		14.6	NA	14.9	41.3 [38.8]
Cyanide		ND(0.670)	NA	ND(0.630)	ND(0.750) [ND(0.850)]
Iron		NA	NA	NA	NA
Lead		24.9	NA	18.6	86.9 [78.9]
Magnesium		NA	NA	NA	NA
Manganese		NA	NA	NA	NA
Mercury		0.140	NA	0.110	0.440 [0.470]
Nickel		10.5	NA	10.6	22.5 [20.8]
Potassium		NA	NA	NA	NA
Selenium		ND(0.670)	NA	ND(0.630)	1.10 [0.950]
Silver		ND(1.30)	NA	ND(1.30)	ND(1.70) [0.160 B]
Sodium		NA	NA	NA	NA
Sulfide		ND(13.4)	NA	ND(12.6)	ND(16.7) [ND(17.0)]
Thallium		ND(1.30) J	NA	ND(1.30) J	2.30 [1.10 B]
Tin		ND(7.80)	NA	ND(6.20)	11.5 B [11.1 B]
Vanadium		9.10	NA	10.1	25.2 [25.5]
Zinc		56.0	NA	57.3	141 [130]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample Depth(Feet):	0-1	0-1	1-3	6-10	8-10
Parameter / Date Collected:	02/18/03	02/18/03	02/18/03	02/13/03	02/13/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,1-Dichloroethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,1-Dichloroethene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,2,3-Trichloropropane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,2-Dibromoethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,2-Dichloroethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
1,4-Dioxane	ND(1.4) J	ND(1.3) J	ND(0.98) J	NA	ND(1.2) J
2-Butanone	ND(0.0070) J	ND(0.0064) J	ND(0.0049) J	NA	ND(0.0058) J
2-Chloro-1,3-butadiene	ND(0.0070) J	ND(0.0064) J	ND(0.0049) J	NA	ND(0.0058)
2-Chloroethylvinylether	ND(0.014) J	ND(0.013) J	ND(0.0098) J	NA	ND(0.012) J
2-Hexanone	ND(0.028) J	ND(0.026) J	ND(0.020) J	NA	ND(0.023)
3-Chloropropene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
4-Methyl-2-pentanone	ND(0.028)	ND(0.026)	ND(0.020)	NA	ND(0.023)
Acetone	ND(0.028) J	ND(0.026) J	ND(0.020) J	NA	ND(0.023) J
Acetonitrile	ND(0.14) J	ND(0.13) J	ND(0.098) J	NA	ND(0.12) J
Acrolein	ND(0.14) J	ND(0.13) J	ND(0.098) J	NA	ND(0.12) J
Acrylonitrile	ND(0.14) J	ND(0.13) J	ND(0.098) J	NA	ND(0.12)
Benzene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Bromodichloromethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Bromoform	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Bromomethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Carbon Disulfide	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Carbon Tetrachloride	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Chlorobenzene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Chloroethane	ND(0.014)	ND(0.013)	ND(0.0098)	NA	ND(0.012)
Chloroform	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Chloromethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Dibromomethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Dichlorodifluoromethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Ethyl Methacrylate	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Ethylbenzene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Iodomethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Isobutanol	ND(0.28) J	ND(0.26) J	ND(0.20) J	NA	ND(0.23) J
Methacrylonitrile	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Methyl Methacrylate	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Methylene Chloride	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Propionitrile	ND(0.014)	ND(0.013)	ND(0.0098)	NA	ND(0.012)
Styrene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Tetrachloroethene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Toluene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
trans-1,2-Dichloroethene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Trichloroethene	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Trichlorofluoromethane	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058) J
Vinyl Acetate	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)
Vinyl Chloride	ND(0.014)	ND(0.013)	ND(0.0098)	NA	ND(0.012)
Xylenes (total)	ND(0.0070)	ND(0.0064)	ND(0.0049)	NA	ND(0.0058)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample Depth(Feet):	0-1	0-1	1-3	6-10	8-10
Parameter / Date Collected:	02/18/03	02/18/03	02/18/03	02/13/03	02/13/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,2,4-Trichlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,2-Dichlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,2-Diphenylhydrazine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
1,3-Dichlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,3-Dinitrobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,4-Dichlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,3,4,6-Tetrachlorophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,4,5-Trichlorophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,4,6-Trichlorophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,4-Dichlorophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,4-Dimethylphenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,4-Dinitrophenol	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
2,4-Dinitrotoluene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,6-Dichlorophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2,6-Dinitrotoluene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Acetylaminofluorene	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
2-Chloronaphthalene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Chlorophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Methylnaphthalene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Methylphenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Naphthylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Nitroaniline	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
2-Nitrophenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
3&4-Methylphenol	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
3,3'-Dichlorobenzidine	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
3-Methylcholanthrene	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
3-Nitroaniline	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
4-Aminobiphenyl	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
4-Bromophenyl-phenylether	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
4-Chloro-3-Methylphenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
4-Chloroaniline	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
4-Chlorobenzilate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
4-Chlorophenyl-phenylether	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
4-Nitroaniline	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
4-Nitrophenol	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
4-Nitroquinoline-1-oxide	ND(4.8)	ND(4.5)	ND(4.1)	ND(4.3)	NA
4-Phenylenediamine	ND(9.6)	ND(9.0)	ND(8.2)	ND(8.6)	NA
5-Nitro-o-toluidine	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
a,a'-Dimethylphenethylamine	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Acenaphthene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample Depth(Feet):	0-1	0-1	1-3	6-10	8-10
Parameter Date Collected:	02/18/03	02/18/03	02/18/03	02/13/03	02/13/03
Semivolatile Organics (continued)					
Acetophenone	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Aniline	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Anthracene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Aramite	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	ND(4.8)	ND(4.5)	ND(4.1)	ND(4.3)	NA
Benzo(a)anthracene	0.20 J	0.20 J	0.090 J	ND(0.43)	NA
Benzo(a)pyrene	0.23 J	0.22 J	0.098 J	ND(0.43)	NA
Benzo(b)fluoranthene	0.21 J	0.18 J	0.081 J	ND(0.43)	NA
Benzo(g,h,i)perylene	0.13 J	0.15 J	0.070 J	ND(0.43)	NA
Benzo(k)fluoranthene	0.22 J	0.21 J	0.096 J	ND(0.43)	NA
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
bis(2-Chloroethyl)ether	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
bis(2-Chloroisopropyl)ether	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
bis(2-Ethylhexyl)phthalate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Butylbenzylphthalate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Chrysene	0.27 J	0.25 J	0.11 J	ND(0.43)	NA
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Dibenzofuran	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Diethylphthalate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Dimethylphthalate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Di-n-Butylphthalate	ND(0.48)	ND(0.45)	ND(0.41)	0.062 J	NA
Di-n-Octylphthalate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Diphenylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Fluoranthene	0.40 J	0.37 J	0.17 J	ND(0.43)	NA
Fluorene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Hexachlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Hexachlorobutadiene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Hexachlorocyclopentadiene	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Hexachloroethane	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Hexachlorophene	ND(9.7) J	ND(9.1) J	ND(8.3) J	ND(8.7)	NA
Hexachloropropene	ND(4.8)	ND(4.5)	ND(4.1)	ND(4.3)	NA
Indeno(1,2,3-cd)pyrene	0.15 J	0.18 J	0.078 J	ND(0.43)	NA
Isodrin	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Isophorone	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Isosafrole	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Methapyrilene	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Methyl Methanesulfonate	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Naphthalene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Nitrobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosodiethylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosodimethylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitroso-di-n-butylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitroso-di-n-propylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosodiphenylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosomethylethylamine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosomorpholine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosopiperidine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
N-Nitrosopyrrolidine	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
o,o,o-Triethylphosphorothioate	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
o-Toluidine	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample ID:	RAA15-F22	RAA15-F24	RAA15-F24	RAA15-G15	RAA15-G15
Sample Depth(Feet):	0-1	0-1	1-3	6-10	8-10
Parameter / Date Collected:	02/18/03	02/18/03	02/18/03	02/13/03	02/13/03
Semivolatile Organics (continued)					
p-Dimethylaminoazobenzene	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Pentachlorobenzene	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Pentachloroethane	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Pentachloronitrobenzene	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Pentachlorophenol	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Phenacetin	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Phenanthrene	0.21 J	0.19 J	0.093 J	ND(0.43)	NA
Phenol	ND(0.48)	ND(0.45)	ND(0.41)	ND(0.43)	NA
Pronamide	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Pyrene	0.36 J	0.35 J	0.16 J	ND(0.43)	NA
Pyridine	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Safrole	ND(0.96)	ND(0.90)	ND(0.82)	ND(0.86)	NA
Thionazin	ND(2.3)	ND(2.2)	ND(2.0)	ND(2.1)	NA
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	0.000021	ND(0.000016) X	0.0000036	0.0000018 Y	NA
TCDFs (total)	ND(0.00012) X	ND(0.000062) X	ND(0.000010) X	0.0000040	NA
1,2,3,7,8-PeCDF	0.0000050 J	0.0000044 J	ND(0.00000090) X	ND(0.00000041)	NA
2,3,4,7,8-PeCDF	0.0000047 J	0.0000038 J	ND(0.00000027)	ND(0.00000016)	NA
PeCDFs (total)	ND(0.000070) X	ND(0.000048) X	ND(0.0000069) X	ND(0.00000041)	NA
1,2,3,4,7,8-HxCDF	0.0000049 J	0.0000046 J	ND(0.00000072) X	ND(0.00000026) X	NA
1,2,3,6,7,8-HxCDF	ND(0.0000059) X	ND(0.0000043) X	ND(0.00000079) X	ND(0.000000071)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000014)	ND(0.00000026)	ND(0.00000021)	ND(0.000000097)	NA
2,3,4,6,7,8-HxCDF	0.0000012 J	0.00000099 J	0.00000024 J	ND(0.000000084)	NA
HxCDFs (total)	ND(0.000053) X	ND(0.000046) X	ND(0.0000078) X	ND(0.00000026) X	NA
1,2,3,4,6,7,8-HpCDF	0.000033	0.000045	0.0000084	ND(0.00000035) X	NA
1,2,3,4,7,8,9-HpCDF	0.0000012 J	ND(0.0000014) X	ND(0.00000037)	ND(0.00000014)	NA
HpCDFs (total)	0.000063	ND(0.000096) X	0.000015	ND(0.00000035) X	NA
OCDF	0.000025	0.000073	ND(0.0000061) X	ND(0.00000026)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000035)	ND(0.00000047)	ND(0.00000047)	ND(0.00000011) X	NA
TCDDs (total)	ND(0.0000023) X	0.00000042 J	ND(0.00000047)	ND(0.00000011) X	NA
1,2,3,7,8-PeCDD	ND(0.00000026)	ND(0.00000048) X	ND(0.00000026)	ND(0.00000026)	NA
PeCDDs (total)	ND(0.0000022) X	ND(0.0000014) X	ND(0.00000026)	ND(0.00000047) X	NA
1,2,3,4,7,8-HxCDD	ND(0.00000031) X	ND(0.00000033)	ND(0.00000028)	ND(0.00000019)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000011) X	0.0000016 J	ND(0.00000026)	ND(0.00000017)	NA
1,2,3,7,8,9-HxCDD	0.00000085 J	0.00000092 J	ND(0.00000027)	ND(0.00000017)	NA
HxCDDs (total)	ND(0.0000085) X	0.0000096 J	ND(0.0000010) X	ND(0.00000019) X	NA
1,2,3,4,6,7,8-HpCDD	0.000022	0.000055	0.0000054 J	ND(0.00000043)	NA
HpCDDs (total)	0.000038	0.000089	0.0000090 J	ND(0.00000043) X	NA
OCDD	0.00019	0.00065	0.000059	ND(0.0000028) X	NA
Total TEQs (WHO TEFs)	0.0000067	0.0000055	0.0000011	0.00000047	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-F22 / RAA15-F22 / 0-1 / 02/18/03	RAA15-F24 / RAA15-F24 / 0-1 / 02/18/03	RAA15-F24 / RAA15-F24 / 1-3 / 02/18/03	RAA15-G15 / RAA15-G15 / 6-10 / 02/13/03	RAA15-G15 / RAA15-G15 / 8-10 / 02/13/03
Inorganics						
Aluminum		NA	NA	NA	NA	NA
Antimony		ND(8.70) J	ND(8.20) J	ND(7.40) J	ND(7.80)	NA
Arsenic		7.20	6.30	4.20	1.80	NA
Barium		80.0	69.7	56.0	23.2 B	NA
Beryllium		0.880	0.790	0.660	0.670	NA
Cadmium		1.00	0.790	0.630	0.350 B	NA
Calcium		NA	NA	NA	NA	NA
Chromium		52.0	48.6	26.8	24.8	NA
Cobalt		10.9	9.8	8.8	6.50	NA
Copper		48.6	43.5	29.2	14.7	NA
Cyanide		ND(0.720)	ND(0.680)	ND(0.620)	0.240 B	NA
Iron		NA	NA	NA	NA	NA
Lead		87.9	84.5	38.1	14.1	NA
Magnesium		NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA
Mercury		0.800	0.510	0.380	0.150	NA
Nickel		20.2	18.1	15.7	11.9	NA
Potassium		NA	NA	NA	NA	NA
Selenium		1.10	0.390 B	ND(0.620)	0.440 B	NA
Silver		ND(1.50)	0.110 B	ND(1.20)	ND(1.30)	NA
Sodium		NA	NA	NA	NA	NA
Sulfide		ND(14.5)	ND(13.6)	ND(12.4)	ND(13.0)	NA
Thallium		2.20	1.90	1.70	0.790 B	NA
Tin		12.2 B	11.9 B	8.90 B	ND(6.50)	NA
Vanadium		20.3	17.8	14.3	8.80	NA
Zinc		132	118	76.2	49.8	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G17	RAA15-G20	RAA15-G20	RAA15-G20
Sample ID:	RAA15-G17	RAA15-G20	RAA15-G20	RAA15-G20
Sample Depth(Feet):	0-1	0-1	1-3	10-15
Parameter / Date Collected:	02/17/03	02/14/03	02/14/03	02/14/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,1,2,2-Tetrachloroethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,1-Dichloroethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,1-Dichloroethene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,2,3-Trichloropropane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,2-Dibromo-3-chloropropane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,2-Dibromoethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,2-Dichloroethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
1,4-Dioxane	ND(1.3) J	ND(1.5) J	ND(1.2) J	NA
2-Butanone	ND(0.0066) J	ND(0.0075) J	ND(0.0061) J	NA
2-Chloro-1,3-butadiene	ND(0.0066) J	ND(0.0075)	ND(0.0061)	NA
2-Chloroethylvinylether	ND(0.013) J	ND(0.015) J	ND(0.012) J	NA
2-Hexanone	ND(0.026) J	ND(0.030) J	ND(0.025) J	NA
3-Chloropropene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
4-Methyl-2-pentanone	ND(0.026)	ND(0.030)	ND(0.025)	NA
Acetone	ND(0.026) J	ND(0.030) J	ND(0.025) J	NA
Acetonitrile	ND(0.13) J	ND(0.15) J	ND(0.12) J	NA
Acrolein	ND(0.13) J	ND(0.15)	ND(0.12)	NA
Acrylonitrile	ND(0.13) J	ND(0.15)	ND(0.12)	NA
Benzene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Bromodichloromethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Bromoform	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Bromomethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Carbon Disulfide	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Carbon Tetrachloride	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Chlorobenzene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Chloroethane	ND(0.013)	ND(0.015)	ND(0.012)	NA
Chloroform	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Chloromethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
cis-1,3-Dichloropropene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Dibromomethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Dichlorodifluoromethane	ND(0.0066)	ND(0.0075) J	ND(0.0061) J	NA
Ethyl Methacrylate	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Ethylbenzene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Iodomethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Isobutanol	ND(0.26) J	ND(0.30) J	ND(0.25) J	NA
Methacrylonitrile	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Methyl Methacrylate	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Methylene Chloride	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Propionitrile	ND(0.013)	ND(0.015)	ND(0.012)	NA
Styrene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Tetrachloroethene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Toluene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
trans-1,2-Dichloroethene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
trans-1,3-Dichloropropene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
trans-1,4-Dichloro-2-butene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Trichloroethene	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Trichlorofluoromethane	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Vinyl Acetate	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA
Vinyl Chloride	ND(0.013)	ND(0.015)	ND(0.012)	NA
Xylenes (total)	ND(0.0066)	ND(0.0075)	ND(0.0061)	NA

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G17	RAA15-G20	RAA15-G20	RAA15-G20
Sample ID:	RAA15-G17	RAA15-G20	RAA15-G20	RAA15-G20
Sample Depth(Feet):	0-1	0-1	1-3	10-15
Parameter / Date Collected:	02/17/03	02/14/03	02/14/03	02/14/03
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,2,4-Trichlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,2-Dichlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,2-Diphenylhydrazine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
1,3-Dichlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,3-Dinitrobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,4-Dichlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
2,3,4,6-Tetrachlorophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2,4,5-Trichlorophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2,4,6-Trichlorophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2,4-Dichlorophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2,4-Dimethylphenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2,4-Dinitrophenol	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21)]
2,4-Dinitrotoluene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
2,6-Dichlorophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2,6-Dinitrotoluene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
2-Acetylaminofluorene	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
2-Chloronaphthalene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
2-Chlorophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2-Methylnaphthalene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
2-Methylphenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2-Naphthylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
2-Nitroaniline	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
2-Nitrophenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
3&4-Methylphenol	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6)]
3,3'-Dichlorobenzidine	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
3-Methylcholanthrene	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
3-Nitroaniline	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21)]
4-Aminobiphenyl	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
4-Bromophenyl-phenylether	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
4-Chloro-3-Methylphenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
4-Chloroaniline	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
4-Chlorobenzilate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
4-Chlorophenyl-phenylether	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
4-Nitroaniline	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
4-Nitrophenol	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21)]
4-Nitroquinoline-1-oxide	ND(4.6)	ND(4.7)	ND(3.9)	ND(41) [ND(43) J]
4-Phenylenediamine	ND(9.3)	ND(9.4)	ND(7.8)	ND(81) [ND(86) J]
5-Nitro-o-toluidine	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
7,12-Dimethylbenz(a)anthracene	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
a,a'-Dimethylphenethylamine	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Acenaphthene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G17	RAA15-G20	RAA15-G20	RAA15-G20
Sample ID:	RAA15-G17	RAA15-G20	RAA15-G20	RAA15-G20
Sample Depth(Feet):	0-1	0-1	1-3	10-15
Parameter / Date Collected:	02/17/03	02/14/03	02/14/03	02/14/03
Semivolatile Organics (continued)				
Acetophenone	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Aniline	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Anthracene	ND(0.46)	0.062 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Aramite	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Benzal chloride	NA	NA	NA	NA
Benzidine	ND(4.6)	ND(4.7)	ND(3.9)	ND(41) [ND(43) J]
Benzo(a)anthracene	0.21 J	0.27 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Benzo(a)pyrene	0.24 J	0.33 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Benzo(b)fluoranthene	0.25 J	0.32 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Benzo(g,h,i)perylene	0.086 J	0.12 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Benzo(k)fluoranthene	0.25 J	0.38 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
bis(2-Chloroethyl)ether	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
bis(2-Chloroisopropyl)ether	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
bis(2-Ethylhexyl)phthalate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Butylbenzylphthalate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Chrysene	0.28 J	0.39 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Cyclophosphamide	NA	NA	NA	NA
Diallate	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(4.3) J]
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Dibenzofuran	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(8.6) J]
Diethylphthalate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Dimethylphthalate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Di-n-Butylphthalate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Di-n-Octylphthalate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Diphenylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Fluoranthene	0.49	0.65	ND(0.39)	ND(4.1) [ND(4.3) J]
Fluorene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Hexachlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Hexachlorobutadiene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Hexachlorocyclopentadiene	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Hexachloroethane	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Hexachlorophene	ND(9.4) J	ND(9.5)	ND(7.9)	ND(83) [ND(87) J]
Hexachloropropene	ND(4.6)	ND(4.7)	ND(3.9)	ND(41) [ND(43) J]
Indeno(1,2,3-cd)pyrene	0.11 J	0.15 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Isodrin	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Isophorone	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Isosafrole	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
Methapyrilene	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Methyl Methanesulfonate	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Naphthalene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Nitrobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosodiethylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosodimethylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitroso-di-n-butylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitroso-di-n-propylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosodiphenylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosomethylethylamine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosomorpholine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosopiperidine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
N-Nitrosopyrrolidine	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
o,o,o-Triethylphosphorothioate	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
o-Toluidine	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-G17 / RAA15-G17 / 0-1 / 02/17/03	RAA15-G20 / RAA15-G20 / 0-1 / 02/14/03	RAA15-G20 / RAA15-G20 / 1-3 / 02/14/03	RAA15-G20 / RAA15-G20 / 10-15 / 02/14/03
Semivolatile Organics (continued)				
p-Dimethylaminoazobenzene	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
Pentachlorobenzene	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3) J]
Pentachloroethane	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Pentachloronitrobenzene	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Pentachlorophenol	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21)]
Phenacetin	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
Phenanthrene	0.22 J	0.29 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Phenol	ND(0.46)	ND(0.47)	ND(0.39)	ND(4.1) [ND(4.3)]
Pronamide	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
Pyrene	0.34 J	0.45 J	ND(0.39)	ND(4.1) [ND(4.3) J]
Pyridine	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
Safrole	ND(0.93)	ND(0.94)	ND(0.78)	ND(8.1) [ND(8.6) J]
Thionazin	ND(2.3)	ND(2.3)	ND(1.9)	ND(20) [ND(21) J]
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	0.0000036	0.000034 Y	0.0000017 Y	ND(0.00000078) [ND(0.00000055)]
TCDFs (total)	ND(0.000016) X	0.00015	0.0000019	ND(0.00000078) [ND(0.00000055)]
1,2,3,7,8-PeCDF	ND(0.00000066) X	0.000012	ND(0.00000057) X	ND(0.00000043) X [ND(0.00000022)]
2,3,4,7,8-PeCDF	ND(0.00000045) X	0.000012	ND(0.00000026) X	ND(0.00000031) X [ND(0.00000021)]
PeCDFs (total)	ND(0.000011) X	0.000094	ND(0.00000057)	ND(0.00000043) [ND(0.00000022)]
1,2,3,4,7,8-HxCDF	0.00000067 J	0.0000099	ND(0.00000061) X	ND(0.00000034) X [ND(0.00000039) X]
1,2,3,6,7,8-HxCDF	ND(0.0000014) X	0.0000064 J	ND(0.00000020) X	ND(0.00000015) [ND(0.00000021) X]
1,2,3,7,8,9-HxCDF	ND(0.00000015)	ND(0.00000043)	ND(0.000000072)	ND(0.00000022) X [ND(0.00000017)]
2,3,4,6,7,8-HxCDF	ND(0.00000023) X	0.0000053 J	ND(0.00000018) X	ND(0.00000020) X [ND(0.00000020) X]
HxCDFs (total)	ND(0.0000092) X	0.00014	ND(0.00000061)	ND(0.00000034) [ND(0.00000039)]
1,2,3,4,6,7,8-HpCDF	0.0000030 J	0.00016	ND(0.0000022) X	ND(0.00000065) X [ND(0.00000063) X]
1,2,3,4,7,8,9-HpCDF	ND(0.00000022)	0.0000038 J	ND(0.00000014) X	ND(0.00000022) [ND(0.00000020)]
HpCDFs (total)	0.0000058 J	0.00030	ND(0.0000022)	ND(0.00000065) [ND(0.00000063)]
OCDF	0.0000036 J	0.00013	ND(0.0000024)	ND(0.0000015) X [ND(0.0000015)]
Dioxins				
2,3,7,8-TCDD	ND(0.00000045)	ND(0.00000045)	ND(0.000000077)	ND(0.00000030) X [ND(0.00000023)]
TCDDs (total)	ND(0.00000045)	0.0000033	ND(0.000000077)	ND(0.00000030) [ND(0.00000023)]
1,2,3,7,8-PeCDD	ND(0.00000022)	ND(0.00000095) X	ND(0.00000018)	ND(0.00000057) [ND(0.00000040)]
PeCDDs (total)	ND(0.00000022)	ND(0.0000028)	ND(0.00000042)	ND(0.00000057) [ND(0.00000040)]
1,2,3,4,7,8-HxCDD	ND(0.00000022)	ND(0.0000012) X	ND(0.000000092) X	ND(0.00000035) [ND(0.00000025)]
1,2,3,6,7,8-HxCDD	ND(0.00000021)	0.0000056 J	ND(0.00000011) X	ND(0.00000031) [ND(0.00000023)]
1,2,3,7,8,9-HxCDD	ND(0.00000022)	ND(0.0000018) X	ND(0.00000013)	ND(0.00000030) [ND(0.00000022)]
HxCDDs (total)	0.00000041 J	0.000036	ND(0.00000025)	ND(0.00000035) [ND(0.00000031)]
1,2,3,4,6,7,8-HpCDD	0.0000033 J	0.00011	ND(0.0000019) X	ND(0.0000015) X [ND(0.0000010) X]
HpCDDs (total)	0.0000057 J	0.00019	ND(0.0000019)	ND(0.0000015) [ND(0.0000011) X]
OCDD	0.000028	0.0011	0.000021	0.000017 J [ND(0.000015)]
Total TEQs (WHO TEFs)	0.0000011	0.000016	0.00000047	0.00000067 [0.00000049]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-G17 / RAA15-G17 / 0-1 / 02/17/03	RAA15-G20 / RAA15-G20 / 0-1 / 02/14/03	RAA15-G20 / RAA15-G20 / 1-3 / 02/14/03	RAA15-G20 / RAA15-G20 / 10-15 / 02/14/03
Inorganics					
Aluminum		NA	NA	NA	NA
Antimony		ND(8.50) J	ND(7.10) J	ND(7.10) J	ND(18.5) J [ND(19.6) J]
Arsenic		5.90	6.90	2.90	8.70 [8.80]
Barium		70.5	89.9	38.7	62.5 [65.7]
Beryllium		ND(0.690)	ND(0.880)	ND(0.500)	ND(0.980) [ND(1.00)]
Cadmium		0.800	0.900	0.400 B	1.10 B [1.10 B]
Calcium		NA	NA	NA	NA
Chromium		45.2	65.9	12.1	16.5 [17.0]
Cobalt		9.7	12.1	7.70	13.9 B [14.7 B]
Copper		40.3	55.2	15.6	30.1 [29.1]
Cyanide		ND(0.310)	0.270 B	ND(0.590)	ND(1.50) [ND(1.60)]
Iron		NA	NA	NA	NA
Lead		66.7	83.1	14.2	8.10 [8.50]
Magnesium		NA	NA	NA	NA
Manganese		NA	NA	NA	NA
Mercury		0.490	0.830	0.170	0.0990 B [0.0870 B]
Nickel		18.0	20.9	13.4	27.0 [27.6]
Potassium		NA	NA	NA	NA
Selenium		0.950	0.720	ND(0.590)	1.50 B [2.30]
Silver		ND(1.40)	0.180 B	ND(1.20)	ND(3.10) [ND(3.30)]
Sodium		NA	NA	NA	NA
Sulfide		ND(14.1)	ND(14.2)	ND(11.8)	31.6 [58.5]
Thallium		1.90	2.30	1.30	ND(3.10) [ND(3.30)]
Tin		10.3 B	ND(11.3)	ND(5.80)	ND(12.4) [ND(14.4)]
Vanadium		18.8	20.0	11.1	18.0 [19.4]
Zinc		109	122	51.5	87.9 [91.3]

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample Depth(Feet):	12-15	6-8	6-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/19/03	02/19/03	02/17/03	02/18/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,1,2,2-Tetrachloroethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,1-Dichloroethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,1-Dichloroethene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,2,3-Trichloropropane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,2-Dibromo-3-chloropropane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,2-Dibromoethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,2-Dichloroethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
1,4-Dioxane	ND(1.2) J [ND(3.6) J]	ND(1.2) J	NA	ND(1.0) J	ND(0.99) J
2-Butanone	0.0094 J [0.010 J]	ND(0.0059) J	NA	ND(0.0052) J	ND(0.0049) J
2-Chloro-1,3-butadiene	ND(0.0058) [ND(0.018)]	ND(0.0059) J	NA	ND(0.0052) J	ND(0.0049) J
2-Chloroethylvinylether	ND(0.012) J [ND(0.036) J]	ND(0.012) J	NA	ND(0.010) J	ND(0.0099) J
2-Hexanone	ND(0.023) J [ND(0.071) J]	ND(0.024)	NA	ND(0.021) J	ND(0.020) J
3-Chloropropene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
4-Methyl-2-pentanone	ND(0.023) [ND(0.071)]	ND(0.024)	NA	ND(0.021)	ND(0.020)
Acetone	0.033 J [0.037 J]	ND(0.024) J	NA	ND(0.021) J	ND(0.020) J
Acetonitrile	ND(0.12) J [ND(0.36) J]	ND(0.12)	NA	ND(0.10) J	ND(0.099) J
Acrolein	ND(0.12) [ND(0.36)]	ND(0.12) J	NA	ND(0.10) J	ND(0.099) J
Acrylonitrile	ND(0.12) [ND(0.36)]	ND(0.12) J	NA	ND(0.10) J	ND(0.099) J
Benzene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Bromodichloromethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Bromoform	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Bromomethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Carbon Disulfide	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Carbon Tetrachloride	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Chlorobenzene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Chloroethane	ND(0.012) [ND(0.036)]	ND(0.012)	NA	ND(0.010)	ND(0.0099)
Chloroform	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Chloromethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
cis-1,3-Dichloropropene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Dibromomethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Dichlorodifluoromethane	ND(0.0058) J [ND(0.018) J]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Ethyl Methacrylate	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Ethylbenzene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Iodomethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Isobutanol	ND(0.23) J [ND(0.71) J]	ND(0.24) J	NA	ND(0.21) J	ND(0.20) J
Methacrylonitrile	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Methyl Methacrylate	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Methylene Chloride	0.0015 J [0.0038 J]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Propionitrile	ND(0.012) [ND(0.036)]	ND(0.012)	NA	ND(0.010)	ND(0.0099)
Styrene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Tetrachloroethene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Toluene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
trans-1,2-Dichloroethene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
trans-1,3-Dichloropropene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
trans-1,4-Dichloro-2-butene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Trichloroethene	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Trichlorofluoromethane	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Vinyl Acetate	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)
Vinyl Chloride	ND(0.012) [ND(0.036)]	ND(0.012)	NA	ND(0.010)	ND(0.0099)
Xylenes (total)	ND(0.0058) [ND(0.018)]	ND(0.0059)	NA	ND(0.0052)	ND(0.0049)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample Depth(Feet):	12-15	6-8	6-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/19/03	02/19/03	02/17/03	02/18/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,2,4-Trichlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,2-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,2-Diphenylhydrazine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
1,3-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,3-Dinitrobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,4-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,4,5-Trichlorophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,4,6-Trichlorophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,4-Dichlorophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,4-Dimethylphenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,4-Dinitrophenol	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
2,4-Dinitrotoluene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,6-Dichlorophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2,6-Dinitrotoluene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Acetylaminofluorene	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
2-Chloronaphthalene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Chlorophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Methylnaphthalene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Methylphenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Naphthylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Nitroaniline	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
2-Nitrophenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
3&4-Methylphenol	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
3,3'-Dichlorobenzidine	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
3-Methylcholanthrene	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
3-Nitroaniline	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
4-Aminobiphenyl	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
4-Bromophenyl-phenylether	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
4-Chloro-3-Methylphenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
4-Chloroaniline	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
4-Chlorobenzilate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
4-Chlorophenyl-phenylether	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
4-Nitroaniline	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
4-Nitrophenol	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
4-Nitroquinoline-1-oxide	NA	NA	ND(3.9)	ND(4.5)	ND(7.9)
4-Phenylenediamine	NA	NA	ND(7.7)	ND(9.0)	ND(16)
5-Nitro-o-toluidine	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
a,a'-Dimethylphenethylamine	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Acenaphthene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample Depth(Feet):	12-15	6-8	6-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/19/03	02/19/03	02/17/03	02/18/03
Semivolatile Organics (continued)					
Acetophenone	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Aniline	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Anthracene	NA	NA	ND(0.39)	0.060 J	ND(0.79)
Aramite	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	NA	NA	ND(3.9)	ND(4.5)	ND(7.9)
Benzo(a)anthracene	NA	NA	ND(0.39)	0.19 J	0.12 J
Benzo(a)pyrene	NA	NA	ND(0.39)	0.24 J	0.16 J
Benzo(b)fluoranthene	NA	NA	ND(0.39)	0.25 J	0.17 J
Benzo(g,h,i)perylene	NA	NA	ND(0.39)	0.094 J	ND(0.79)
Benzo(k)fluoranthene	NA	NA	ND(0.39)	0.25 J	0.20 J
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
bis(2-Chloroethyl)ether	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Butylbenzylphthalate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Chrysene	NA	NA	ND(0.39)	0.29 J	0.19 J
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Dibenzofuran	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Diethylphthalate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Dimethylphthalate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Di-n-Butylphthalate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Di-n-Octylphthalate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Diphenylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Fluoranthene	NA	NA	ND(0.39)	0.50	0.36 J
Fluorene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Hexachlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Hexachlorobutadiene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Hexachlorocyclopentadiene	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Hexachloroethane	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Hexachlorophene	NA	NA	ND(7.9) J	ND(9.2) J	ND(16) J
Hexachloropropene	NA	NA	ND(3.9)	ND(4.5)	ND(7.9)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.39)	0.12 J	ND(0.79)
Isodrin	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Isophorone	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Isosafrole	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Methapyrilene	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Methyl Methanesulfonate	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Naphthalene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Nitrobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosodiethylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosodimethylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosodiphenylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosomethylethylamine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosomorpholine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosopiperidine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
N-Nitrosopyrrolidine	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
o,o,o-Triethylphosphorothioate	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
o-Toluidine	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample ID:	RAA15-G20	RAA15-G22	RAA15-G22	RAA15-H15	RAA15-H18
Sample Depth(Feet):	12-15	6-8	6-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/19/03	02/19/03	02/17/03	02/18/03
Semivolatile Organics (continued)					
p-Dimethylaminoazobenzene	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Pentachlorobenzene	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Pentachloroethane	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Pentachloronitrobenzene	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Pentachlorophenol	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Phenacetin	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Phenanthrene	NA	NA	ND(0.39)	0.24 J	0.15 J
Phenol	NA	NA	ND(0.39)	ND(0.45)	ND(0.79)
Pronamide	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Pyrene	NA	NA	ND(0.39)	0.34 J	0.19 J
Pyridine	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Safrole	NA	NA	ND(0.77)	ND(0.90)	ND(1.6)
Thionazin	NA	NA	ND(1.9)	ND(2.2)	ND(3.8)
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	NA	ND(0.00000023)	0.000013	0.000016
TCDFs (total)	NA	NA	ND(0.00000023)	ND(0.000073) X	ND(0.000091) X
1,2,3,7,8-PeCDF	NA	NA	ND(0.00000014)	0.0000031 J	0.0000032 J
2,3,4,7,8-PeCDF	NA	NA	ND(0.00000013)	0.0000032 J	0.0000036 J
PeCDFs (total)	NA	NA	ND(0.00000013)	ND(0.000055) X	ND(0.000089) X
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.000000080)	0.0000039 J	0.0000038 J
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.000000074)	ND(0.0000054) X	ND(0.0000092) X
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.000000095)	ND(0.00000016)	ND(0.00000016)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.000000085)	0.0000011 J	0.0000021 J
HxCDFs (total)	NA	NA	ND(0.000000083)	ND(0.000042) X	ND(0.000082) X
1,2,3,4,6,7,8-HpCDF	NA	NA	ND(0.00000011)	0.000014	0.000027
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.00000014)	ND(0.00000077) X	0.0000011 J
HpCDFs (total)	NA	NA	ND(0.00000012)	ND(0.000028) X	0.000051
OCDF	NA	NA	ND(0.00000014)	0.000015	0.000016
Dioxins					
2,3,7,8-TCDD	NA	NA	ND(0.00000033)	ND(0.00000032)	ND(0.00000031)
TCDDs (total)	NA	NA	ND(0.00000033)	0.00000053 J	ND(0.0000014) X
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000015)	ND(0.00000026) X	ND(0.00000020)
PeCDDs (total)	NA	NA	ND(0.00000015)	ND(0.0000015) X	ND(0.0000011) X
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000018)	ND(0.00000019) X	ND(0.00000032) X
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.00000017)	ND(0.00000065) X	ND(0.00000078) X
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.00000018)	ND(0.00000059) X	ND(0.00000055) X
HxCDDs (total)	NA	NA	ND(0.00000017)	ND(0.0000052) X	ND(0.0000064) X
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.00000014)	0.000016	0.000014
HpCDDs (total)	NA	NA	ND(0.00000014)	0.000027	0.000025
OCDD	NA	NA	ND(0.0000012) X	0.00015	0.00012
Total TEQs (WHO TEFs)	NA	NA	0.00000033	0.0000045	0.0000054

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-G20 / RAA15-G20 / 12-15 / 02/14/03	RAA15-G22 / RAA15-G22 / 6-8 / 02/19/03	RAA15-G22 / RAA15-G22 / 6-10 / 02/19/03	RAA15-H15 / RAA15-H15 / 0-1 / 02/17/03	RAA15-H18 / RAA15-H18 / 0-1 / 02/18/03
Inorganics						
Aluminum		NA	NA	NA	NA	NA
Antimony		NA	NA	ND(7.00)	ND(8.20) J	ND(7.20) J
Arsenic		NA	NA	0.940 B	4.10	4.80
Barium		NA	NA	8.20 B	43.2	34.1
Beryllium		NA	NA	0.200 B	ND(0.460)	ND(0.460)
Cadmium		NA	NA	ND(0.590)	0.550 B	0.670
Calcium		NA	NA	NA	NA	NA
Chromium		NA	NA	5.20	25.1	10.5
Cobalt		NA	NA	4.80 B	7.8	8
Copper		NA	NA	4.40	23.6	15.9
Cyanide		NA	NA	ND(0.590)	ND(0.680)	ND(0.400)
Iron		NA	NA	NA	NA	NA
Lead		NA	NA	2.10	42.5	23.7
Magnesium		NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA
Mercury		NA	NA	ND(0.0390)	0.230	0.110
Nickel		NA	NA	10.4	14.5	16.7
Potassium		NA	NA	NA	NA	NA
Selenium		NA	NA	ND(0.590)	0.520 B	ND(0.600)
Silver		NA	NA	ND(1.20)	ND(1.40)	ND(1.20)
Sodium		NA	NA	NA	NA	NA
Sulfide		NA	NA	ND(11.7)	ND(13.7)	ND(12.0)
Thallium		NA	NA	ND(1.20) J	1.10 J	1.80
Tin		NA	NA	ND(4.50)	8.70 B	9.00 B
Vanadium		NA	NA	5.00 B	13.1	11.9
Zinc		NA	NA	26.3	79.6	67.9

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1-Dichloroethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,1-Dichloroethene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dibromoethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dichloroethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
1,4-Dioxane	ND(1.0) J	NA	ND(1.3) J	ND(1.2) J	ND(1.1) J
2-Butanone	ND(0.0052) J	NA	ND(0.0064) J	ND(0.0060) J	ND(0.0054) J
2-Chloro-1,3-butadiene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060) J	ND(0.0054) J
2-Chloroethylvinylether	ND(0.010) J	NA	ND(0.013) J	ND(0.012) J	ND(0.011) J
2-Hexanone	ND(0.021) J	NA	ND(0.025) J	ND(0.024) J	ND(0.022) J
3-Chloropropene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
4-Methyl-2-pentanone	ND(0.021)	NA	ND(0.025)	ND(0.024)	ND(0.022)
Acetone	ND(0.021) J	NA	0.0087 J	ND(0.024) J	ND(0.022) J
Acetonitrile	ND(0.10) J	NA	ND(0.13) J	ND(0.12) J	ND(0.11) J
Acrolein	ND(0.10)	NA	ND(0.13)	ND(0.12) J	ND(0.11) J
Acrylonitrile	ND(0.10)	NA	ND(0.13)	ND(0.12) J	ND(0.11) J
Benzene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Bromodichloromethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Bromoform	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Bromomethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Carbon Disulfide	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Carbon Tetrachloride	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Chlorobenzene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Chloroethane	ND(0.010)	NA	ND(0.013)	ND(0.012)	ND(0.011)
Chloroform	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Chloromethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Dibromomethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Dichlorodifluoromethane	ND(0.0052) J	NA	ND(0.0064) J	ND(0.0060)	ND(0.0054)
Ethyl Methacrylate	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Ethylbenzene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Iodomethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Isobutanol	ND(0.21) J	NA	ND(0.25) J	ND(0.24) J	ND(0.22) J
Methacrylonitrile	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Methyl Methacrylate	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Methylene Chloride	0.00088 J	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Propionitrile	ND(0.010)	NA	ND(0.013)	ND(0.012)	ND(0.011)
Styrene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Tetrachloroethene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Toluene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Trichloroethene	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Trichlorofluoromethane	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Vinyl Acetate	ND(0.0052)	NA	ND(0.0064)	ND(0.0060)	ND(0.0054)
Vinyl Chloride	ND(0.010)	NA	ND(0.013)	ND(0.012)	ND(0.011)
Xylenes (total)	0.0017 J	NA	0.0026 J	ND(0.0060)	ND(0.0054)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,2-Dichlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,2-Diphenylhydrazine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
1,3-Dichlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,3-Dinitrobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,4-Dichlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4-Dichlorophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4-Dimethylphenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,4-Dinitrophenol	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
2,4-Dinitrotoluene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,6-Dichlorophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2,6-Dinitrotoluene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Acetylaminofluorene	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
2-Chloronaphthalene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Chlorophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Methylnaphthalene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Methylphenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Naphthylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Nitroaniline	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
2-Nitrophenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
3&4-Methylphenol	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
3,3'-Dichlorobenzidine	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3-Methylcholanthrene	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3-Nitroaniline	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Aminobiphenyl	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chloroaniline	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chlorobenzilate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
4-Nitroaniline	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Nitrophenol	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
4-Nitroquinoline-1-oxide	ND(3.7)	ND(4.6)	NA	ND(4.5)	ND(4.0)
4-Phenylenediamine	ND(7.4)	ND(9.2)	NA	ND(9.0)	ND(8.1)
5-Nitro-o-toluidine	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
7,12-Dimethylbenz(a)anthracene	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
a,a'-Dimethylphenethylamine	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Acenaphthene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	1-3	6-10	8-10	0-1	0-1
Parameter / Date Collected:	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Semivolatile Organics (continued)					
Acetophenone	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Aniline	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Anthracene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Aramite	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	ND(3.7)	ND(4.6)	NA	ND(4.5)	ND(4.0)
Benzo(a)anthracene	ND(0.37)	0.064 J	NA	0.064 J	0.095 J
Benzo(a)pyrene	ND(0.37)	0.054 J	NA	0.077 J	0.12 J
Benzo(b)fluoranthene	ND(0.37)	0.054 J	NA	0.070 J	0.11 J
Benzo(g,h,i)perylene	ND(0.37)	ND(0.46)	NA	0.066 J	ND(0.40)
Benzo(k)fluoranthene	ND(0.37)	ND(0.46)	NA	ND(0.45)	0.13 J
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Butylbenzylphthalate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Chrysene	ND(0.37)	0.089 J	NA	0.097 J	0.13 J
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Dibenzofuran	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Diethylphthalate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Dimethylphthalate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Di-n-Butylphthalate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Di-n-Octylphthalate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Diphenylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Fluoranthene	ND(0.37)	0.10 J	NA	0.15 J	0.24 J
Fluorene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorobutadiene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorocyclopentadiene	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Hexachloroethane	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Hexachlorophene	ND(7.5)	ND(9.3)	NA	ND(9.2) J	ND(8.2) J
Hexachloropropene	ND(3.7)	ND(4.6)	NA	ND(4.5)	ND(4.0)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.46)	NA	0.066 J	ND(0.40)
Isodrin	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Isophorone	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Isosafrole	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Methapyrilene	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Methyl Methanesulfonate	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Naphthalene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Nitrobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosodiethylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosodimethylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosomorpholine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosopiperidine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
o-Toluidine	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample ID:	RAA15-J18	RAA15-J18	RAA15-J18	RAA15-J19	RAA15-L17
Sample Depth(Feet):	1-3	6-10	8-10	0-1	0-1
Date Collected:	02/14/03	02/14/03	02/14/03	02/18/03	02/17/03
Semivolatile Organics (continued)					
p-Dimethylaminoazobenzene	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Pentachlorobenzene	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Pentachloroethane	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Pentachloronitrobenzene	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Pentachlorophenol	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Phenacetin	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Phenanthrene	ND(0.37)	0.060 J	NA	0.083 J	0.10 J
Phenol	ND(0.37)	ND(0.46)	NA	ND(0.45)	ND(0.40)
Pronamide	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Pyrene	ND(0.37)	0.12 J	NA	0.15 J	0.15 J
Pyridine	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Safrole	ND(0.74)	ND(0.92)	NA	ND(0.90)	ND(0.81)
Thionazin	ND(1.8)	ND(2.2)	NA	ND(2.2)	ND(2.0)
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.00000053) Y	0.0000034 Y	NA	0.000021 J	0.0000014
TCDFs (total)	0.00000063	0.0000085	NA	ND(0.00015) X	ND(0.0000051) X
1,2,3,7,8-PeCDF	ND(0.00000020) X	ND(0.0000020) X	NA	ND(0.0000043) X	ND(0.00000029) X
2,3,4,7,8-PeCDF	ND(0.00000019) X	ND(0.00000085) X	NA	0.0000068 J	ND(0.00000034) X
PeCDFs (total)	ND(0.00000025)	ND(0.0000020)	NA	ND(0.00016) X	ND(0.0000064) X
1,2,3,4,7,8-HxCDF	ND(0.00000044) X	ND(0.0000015) X	NA	0.0000080	0.00000058 J
1,2,3,6,7,8-HxCDF	ND(0.00000016) X	ND(0.0000020) X	NA	ND(0.000015) X	ND(0.00000088) X
1,2,3,7,8,9-HxCDF	ND(0.00000011)	ND(0.00000022) X	NA	ND(0.00000027)	ND(0.00000012)
2,3,4,6,7,8-HxCDF	ND(0.00000018) X	ND(0.00000074) X	NA	ND(0.00000025)	ND(0.00000017) X
HxCDFs (total)	ND(0.00000044)	0.000015	NA	ND(0.000097) X	ND(0.0000060) X
1,2,3,4,6,7,8-HpCDF	ND(0.00000088) X	0.000022	NA	0.000037	0.0000018 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000011) X	ND(0.0000014) X	NA	0.0000017 J	ND(0.00000018)
HpCDFs (total)	ND(0.00000088)	0.000051	NA	ND(0.000069) X	ND(0.0000029) X
OCDF	ND(0.0000013) X	0.000038	NA	0.000028	0.0000012 J
Dioxins					
2,3,7,8-TCDD	ND(0.00000011) X	ND(0.000000099)	NA	ND(0.00000053)	ND(0.00000040)
TCDDs (total)	ND(0.00000011)	ND(0.00000015)	NA	ND(0.0000016) X	ND(0.00000040)
1,2,3,7,8-PeCDD	ND(0.00000024)	ND(0.00000026)	NA	ND(0.00000046) X	ND(0.00000017)
PeCDDs (total)	ND(0.00000024)	ND(0.0000011)	NA	ND(0.0000037) X	ND(0.00000017)
1,2,3,4,7,8-HxCDD	ND(0.00000015)	ND(0.00000051) X	NA	ND(0.00000031)	ND(0.00000019)
1,2,3,6,7,8-HxCDD	ND(0.00000023) X	0.0000042 J	NA	ND(0.0000012) X	ND(0.00000018)
1,2,3,7,8,9-HxCDD	ND(0.00000017) X	ND(0.0000011)	NA	ND(0.00000076) X	ND(0.00000018)
HxCDDs (total)	ND(0.00000027)	0.000023	NA	ND(0.000010) X	ND(0.00000018)
1,2,3,4,6,7,8-HpCDD	ND(0.0000022) X	0.000069	NA	0.000025 J	0.0000010 J
HpCDDs (total)	ND(0.0000022)	0.00013	NA	0.000042	ND(0.0000016) X
OCDD	ND(0.000028)	0.00074	NA	0.00020 J	0.0000076 J
Total TEQs (WHO TEFs)	0.00000034	0.0000025	NA	0.0000085	0.00000069

TABLE E-65
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-J18 / RAA15-J18 / 1-3 / 02/14/03	RAA15-J18 / RAA15-J18 / 6-10 / 02/14/03	RAA15-J18 / RAA15-J18 / 8-10 / 02/14/03	RAA15-J19 / RAA15-J19 / 0-1 / 02/18/03	RAA15-L17 / RAA15-L17 / 0-1 / 02/17/03
Inorganics						
Aluminum		NA	NA	NA	NA	NA
Antimony		ND(6.80) J	ND(8.30) J	NA	ND(8.20) J	ND(8.20) J
Arsenic		5.70	1.80	NA	6.70	3.80
Barium		40.6	23.6 B	NA	77.4	41.8
Beryllium		ND(0.400)	ND(0.280)	NA	0.900	ND(0.500)
Cadmium		0.760	0.330 B	NA	0.860	0.500 B
Calcium		NA	NA	NA	NA	NA
Chromium		12.4	17.5	NA	38.4	23.6
Cobalt		11.5	5.30 B	NA	11.6	7.4
Copper		21.2	13.6	NA	34.5	25.7
Cyanide		ND(0.560)	ND(0.690)	NA	ND(0.240)	ND(0.610)
Iron		NA	NA	NA	NA	NA
Lead		10.9	13.6	NA	58.7	33
Magnesium		NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA
Mercury		0.0420	0.110	NA	0.540	0.240
Nickel		22.2	9.60	NA	20.5	13.7
Potassium		NA	NA	NA	NA	NA
Selenium		ND(0.560)	ND(0.700)	NA	0.610 B	0.360 B
Silver		ND(1.10)	ND(1.40)	NA	ND(1.40)	ND(1.20)
Sodium		NA	NA	NA	NA	NA
Sulfide		20.2	94.3	NA	ND(13.7)	ND(12.3)
Thallium		1.70	1.10 B	NA	2.40	1.60
Tin		ND(5.20)	ND(7.30)	NA	9.40 B	8.00 B
Vanadium		11.3	7.60	NA	21.8	13.4
Zinc		75.4	54.7	NA	110	69.2

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-66
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCEL K10-10-33

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
2-Butanone	0.01	6,900	No
Acetone	0.037	1,400	No
Methylene Chloride	0.038	8.5	No
Xylenes (total)	0.0026	210*	No
Semivolatile Organics			
2-Methylnaphthalene	0.035	55*	No
Acenaphthene	0.069	2,600	No
Acenaphthylene	0.22	55*	No
Anthracene	0.16	14,000	No
Benzo(a)anthracene	0.49	0.56	No
Benzo(a)pyrene	0.63	0.056	**Yes**
Benzo(b)fluoranthene	0.64	0.56	**Yes**
Benzo(g,h,i)perylene	0.31	55*	No
Benzo(k)fluoranthene	0.69	5.6	No
bis(2-Ethylhexyl)phthalate	0.067	32	No
Chrysene	0.77	56	No
Dibenzofuran	0.056	210	No
Di-n-Butylphthalate	0.062	5,500	No
Fluoranthene	1.5	2,000	No
Fluorene	0.08	1,800	No
Indeno(1,2,3-cd)pyrene	0.3	0.56	No
Naphthalene	0.081	55	No
Phenanthrene	0.78	55*	No
Pyrene	0.98	1,500	No
Inorganics			
Aluminum	2,900	75,000	No
Antimony	0.44	30	No
Arsenic	8.8	0.38	**Yes**
Barium	89.9	5,200	No
Beryllium	1	150	No
Cadmium	1.1	37	No
Chromium	65.9	210	No
Cobalt	14.7	3,300	No
Copper	55.2	2,800	No
Cyanide	0.36	11*	No
Iron	7,400	22,000	No
Lead	87.9	400	No
Manganese	56	3,100	No
Mercury	0.83	22	No
Nickel	27.6	1,500	No
Selenium	2.3	370	No
Silver	0.18	370	No
Sulfide	94.3	350*	No
Thallium	2.4	6	No
Tin	12.2	45,000	No
Vanadium	25.5	520	No
Zinc	141	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-67
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-33 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E18 0-1 02/20/03	RAA15-E21 0-1 02/19/03	RAA15-F19 0-1 02/18/03	RAA15-F22 0-1 02/18/03	RAA15-F24 0-1 02/18/03
Semivolatile Organics					
Benzo(a)pyrene	0.076	0.32	0.51	0.23	0.22
Benzo(b)fluoranthene	0.065	0.26	0.50	0.21	0.18
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000022	0.0000017	*0.000048*	0.0000067	0.0000055
Inorganics					
Arsenic	2.20	2.20	5.80	7.20	6.30

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G17 0-1 02/17/03	RAA15-G20 0-1 02/14/03	RAA15-H15 0-1 02/17/03	RAA15-H18 0-1 02/18/03	RAA15-J19 0-1 02/18/03
Semivolatile Organics					
Benzo(a)pyrene	0.24	0.33	0.24	0.16	0.077
Benzo(b)fluoranthene	0.25	0.32	0.25	0.17	0.070
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000011	0.000016	0.0000045	0.0000054	0.0000085
Inorganics					
Arsenic	5.90	6.90	4.10	4.80	6.70

See notes on page 2.

TABLE E-67
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-33 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-L17 0-1 02/17/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)pyrene	0.12	N/A (See Note 5)	0.23	0.70	No
Benzo(b)fluoranthene	0.11	N/A (See Note 5)	0.22	0.70	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000069	4.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	3.80	N/A (See Note 5)	5.08	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-68
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-33 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E18 0-1 02/20/03	RAA15-E21 0-1 02/19/03	RAA15-F19 0-1 02/18/03	RAA15-F22 0-1 02/18/03	RAA15-F24 0-1 02/18/03
Semivolatile Organics					
Benzo(a)pyrene	0.076	0.32	0.51	0.23	0.22
Benzo(b)fluoranthene	0.065	0.26	0.50	0.21	0.18
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000022	0.0000017	*0.000048*	0.0000067	0.0000055
Inorganics					
Arsenic	2.20	2.20	5.80	7.20	6.30

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G17 0-1 02/17/03	RAA15-G20 0-1 02/14/03	RAA15-H15 0-1 02/17/03	RAA15-H18 0-1 02/18/03	RAA15-J19 0-1 02/18/03
Semivolatile Organics					
Benzo(a)pyrene	0.24	0.33	0.24	0.16	0.077
Benzo(b)fluoranthene	0.25	0.32	0.25	0.17	0.070
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000011	0.000016	0.0000045	0.0000054	0.0000085
Inorganics					
Arsenic	5.90	6.90	4.10	4.80	6.70

See notes on page 2.

TABLE E-68
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-33 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-L17 0-1 02/17/03	RAA15-E18 1-3 02/20/03	RAA15-F24 1-3 02/18/03	RAA15-G20 1-3 02/14/03	RAA15-J18 1-3 02/14/03
Semivolatile Organics					
Benzo(a)pyrene	0.12	0.095	0.098	**0.20**	**0.19**
Benzo(b)fluoranthene	0.11	0.083	0.081	**0.20**	**0.19**
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000069	0.0000027	0.0000011	0.00000047	0.00000034
Inorganics					
Arsenic	3.80	2.60	4.20	2.90	5.70

Sample ID: Sample Depth (Feet): Parameter Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)pyrene	N/A (See Note 5)	0.21	0.70	No
Benzo(b)fluoranthene	N/A (See Note 5)	0.20	0.70	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	4.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	4.75	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.

TABLE E-69
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-33 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E18 0-1 02/20/03	RAA15-E21 0-1 02/19/03	RAA15-F19 0-1 02/18/03	RAA15-F22 0-1 02/18/03	RAA15-F24 0-1 02/18/03
Semivolatile Organics					
Benzo(a)pyrene	0.076	0.32	0.51	0.23	0.22
Benzo(b)fluoranthene	0.065	0.26	0.50	0.21	0.18
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 7	See Note 7	See Note 7	See Note 7	See Note 7
Inorganics					
Arsenic	2.20	2.20	5.80	7.20	6.30

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G17 0-1 02/17/03	RAA15-G20 0-1 02/14/03	RAA15-H15 0-1 02/17/03	RAA15-H18 0-1 02/18/03	RAA15-J19 0-1 02/18/03
Semivolatile Organics					
Benzo(a)pyrene	0.24	0.33	0.24	0.16	0.077
Benzo(b)fluoranthene	0.25	0.32	0.25	0.17	0.070
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 7	See Note 7	See Note 7	See Note 7	See Note 7
Inorganics					
Arsenic	5.90	6.90	4.10	4.80	6.70

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-L17 0-1 02/17/03	RAA15-E18 1-3 02/20/03	RAA15-F24 1-3 02/18/03	RAA15-G20 1-3 02/14/03	RAA15-J18 1-3 02/14/03
Semivolatile Organics					
Benzo(a)pyrene	0.12	0.095	0.098	**0.20**	**0.19**
Benzo(b)fluoranthene	0.11	0.083	0.081	**0.20**	**0.19**
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 7	See Note 7	See Note 7	See Note 7	See Note 7
Inorganics					
Arsenic	3.80	2.60	4.20	2.90	5.70

See notes on page 2.

TABLE E-69
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCEL K10-10-33 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E18 3-6 02/20/03	RAA15-E20 3-6 02/19/03	RAA15-G15 6-10 02/13/03	RAA15-G22 6-10 02/19/03	RAA15-J18 6-10 02/14/03
Semivolatile Organics					
Benzo(a)pyrene	0.27	0.30	**0.22**	**0.20**	0.054
Benzo(b)fluoranthene	0.22	0.22	**0.22**	**0.20**	0.054
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000025	0.0000099	0.00000047	0.00000033	0.0000025
Inorganics					
Arsenic	2.00	2.10	1.80	0.940	1.80

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	K-2 8-10 01/31/91	RAA15-G20 10-15 02/14/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)pyrene	0.042	**2.1**	N/A (See Note 5)	0.29	0.70	No
Benzo(b)fluoranthene	0.086	**2.1**	N/A (See Note 5)	0.27	1	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000037	*0.00000067*	3.70E-05	N/A (See Note 5)	2.00E-02	No
Inorganics						
Arsenic	**0.600**	8.75	N/A (See Note 5)	4.06	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
7. Total TEQs (WHO TEFs) were evaluated for the 3- to 15- foot depth increment only.

Recreational Area R1

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TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-1	J-4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample ID:	FP-1	ROJ4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample Depth(Feet):	8-12	0-0.3	0-0.3	0-0.3	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	09/16/94	09/16/94
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0070)	NA	NA	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	ND(0.015)	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0070)	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.015)	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	0.0030 J	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0070)	NA	NA	NA
1,1-Dichloroethane	ND(0.0050)	ND(0.0070)	NA	NA	NA
1,1-Dichloroethene	ND(0.0050)	ND(0.0070)	NA	NA	NA
1,2,3-Trichloropropane	NA	ND(0.022)	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.015)	NA	NA	NA
1,2-Dibromoethane	NA	ND(0.0070)	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0050)	ND(0.0070)	NA	NA	NA
1,2-Dichloroethene (total)	NA	ND(0.0070)	NA	NA	NA
1,2-Dichloropropane	ND(0.0050)	ND(0.0070)	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA	NA
2-Butanone	NA	ND(0.015)	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.010)	ND(0.015)	NA	NA	NA
2-Hexanone	NA	ND(0.022)	NA	NA	NA
3-Chloropropene	NA	ND(0.022)	NA	NA	NA
4-Methyl-2-pentanone	NA	ND(0.022)	NA	NA	NA
Acetone	NA	0.059	NA	NA	NA
Acetonitrile	NA	NA	NA	NA	NA
Acrolein	ND(0.010)	ND(0.13)	NA	NA	NA
Acrylonitrile	ND(0.010)	ND(0.18)	NA	NA	NA
Benzene	ND(0.0050)	ND(0.0070)	NA	NA	NA
Bromodichloromethane	ND(0.0050)	ND(0.0070)	NA	NA	NA
Bromoform	ND(0.0050)	ND(0.015)	NA	NA	NA
Bromomethane	ND(0.010)	ND(0.0070)	NA	NA	NA
Carbon Disulfide	NA	ND(0.0070)	NA	NA	NA
Carbon Tetrachloride	ND(0.0050)	ND(0.0070)	NA	NA	NA
Chlorobenzene	ND(0.0050)	ND(0.0070)	NA	NA	NA
Chloroethane	ND(0.010)	ND(0.015)	NA	NA	NA
Chloroform	ND(0.0050)	ND(0.0070)	NA	NA	NA
Chloromethane	ND(0.010)	ND(0.015)	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0070)	NA	NA	NA
cis-1,4-Dichloro-2-butene	NA	ND(0.022)	NA	NA	NA
Crotonaldehyde	NA	ND(0.15)	NA	NA	NA
Dibromochloromethane	ND(0.0050)	ND(0.0070)	NA	NA	NA
Dibromomethane	NA	ND(0.015)	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	ND(0.015)	NA	NA	NA
Ethylbenzene	ND(0.0050)	ND(0.0070)	NA	NA	NA
Freon 12	NA	NA	NA	NA	NA
Iodomethane	NA	ND(0.015)	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

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-1	J-4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample ID:	FP-1	ROJ4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample Depth(Feet):	8-12	0-0.3	0-0.3	0-0.3	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	09/16/94	09/16/94
Volatile Organics (continued)					
Methyl tert-butyl ether	NA	NA	NA	NA	NA
Methylene Chloride	0.0060	0.087	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA
Styrene	NA	ND(0.0070)	NA	NA	NA
Tetrachloroethene	ND(0.0050)	ND(0.0070)	NA	NA	NA
Toluene	0.0040 J	ND(0.0070)	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0050)	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0070)	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.022)	NA	NA	NA
Trichloroethene	0.0010 J	ND(0.0070)	NA	NA	NA
Trichlorofluoromethane	NA	ND(0.0070)	NA	NA	NA
Vinyl Acetate	NA	ND(0.015)	NA	NA	NA
Vinyl Chloride	ND(0.010)	ND(0.015)	NA	NA	NA
Xylenes (total)	NA	ND(0.0070)	NA	NA	NA
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	ND(1.2)	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	ND(1.2)	NA	NA	NA
1,2,3-Trichlorobenzene	NA	ND(1.2)	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(1.2)	NA	NA	NA
1,2,4-Trichlorobenzene	ND(2.0)	ND(1.2)	NA	NA	NA
1,2-Dichlorobenzene	ND(2.0)	ND(1.2)	NA	NA	NA
1,2-Diphenylhydrazine	ND(2.0)	ND(1.2)	NA	NA	NA
1,3,5-Trichlorobenzene	NA	ND(1.2)	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(1.2)	NA	NA	NA
1,3-Dichlorobenzene	ND(2.0)	ND(1.2)	NA	NA	NA
1,3-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(2.0)	ND(1.2)	NA	NA	NA
1,4-Dinitrobenzene	NA	ND(2.4)	NA	NA	NA
1,4-Naphthoquinone	NA	ND(2.4)	NA	NA	NA
1-Chloronaphthalene	NA	ND(1.2)	NA	NA	NA
1-Methylnaphthalene	NA	ND(1.2)	NA	NA	NA
1-Naphthylamine	NA	ND(2.4)	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	ND(2.4)	NA	NA	NA
2,4,5-Trichlorophenol	NA	ND(2.4)	NA	NA	NA
2,4,6-Trichlorophenol	NA	ND(2.4)	NA	NA	NA
2,4-Dichlorophenol	NA	ND(1.2)	NA	NA	NA
2,4-Dimethylphenol	NA	ND(1.2)	NA	NA	NA
2,4-Dinitrophenol	NA	ND(1.2)	NA	NA	NA
2,4-Dinitrotoluene	ND(2.0)	ND(1.2)	NA	NA	NA
2,6-Dichlorophenol	NA	ND(2.4)	NA	NA	NA
2,6-Dinitrotoluene	ND(2.0)	ND(2.4)	NA	NA	NA
2-Acetylaminofluorene	NA	ND(1.2)	NA	NA	NA
2-Chloronaphthalene	ND(2.0)	ND(1.2)	NA	NA	NA
2-Chlorophenol	NA	ND(1.2)	NA	NA	NA
2-Methylnaphthalene	NA	ND(1.2)	NA	NA	NA
2-Methylphenol	NA	ND(1.2)	NA	NA	NA
2-Naphthylamine	NA	ND(1.2)	NA	NA	NA
2-Nitroaniline	NA	ND(1.2)	NA	NA	NA
2-Nitrophenol	NA	ND(1.2)	NA	NA	NA
2-Phenylenediamine	NA	ND(1.2)	NA	NA	NA
2-Picoline	NA	ND(2.4)	NA	NA	NA
3&4-Methylphenol	NA	ND(1.2)	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-1	J-4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample ID:	FP-1	ROJ4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample Depth(Feet):	8-12	0-0.3	0-0.3	0-0.3	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	09/16/94	09/16/94
Semivolatile Organics (continued)					
3,3'-Dichlorobenzidine	ND(4.0)	ND(1.2)	NA	NA	NA
3,3'-Dimethoxybenzidine	NA	ND(1.2)	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(2.4)	NA	NA	NA
3-Methylcholanthrene	NA	ND(1.2)	NA	NA	NA
3-Nitroaniline	NA	ND(1.2)	NA	NA	NA
3-Phenylenediamine	NA	ND(1.2)	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	ND(1.2)	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.2)	NA	NA	NA
4-Aminobiphenyl	NA	ND(1.2)	NA	NA	NA
4-Bromophenyl-phenylether	ND(2.0)	ND(1.2)	NA	NA	NA
4-Chloro-3-Methylphenol	NA	ND(1.2)	NA	NA	NA
4-Chloroaniline	NA	ND(1.2)	NA	NA	NA
4-Chlorobenzilate	NA	ND(1.2)	NA	NA	NA
4-Chlorophenyl-phenylether	ND(2.0)	ND(1.2)	NA	NA	NA
4-Nitroaniline	NA	ND(2.4)	NA	NA	NA
4-Nitrophenol	NA	ND(1.2)	NA	NA	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA
4-Phenylenediamine	NA	ND(1.2)	NA	NA	NA
5-Nitro-o-toluidine	NA	ND(2.4)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(1.2)	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	ND(1.2)	NA	NA	NA
Acenaphthene	ND(2.0)	ND(1.2)	NA	NA	NA
Acenaphthylene	ND(2.0)	0.25 J	NA	NA	NA
Acetophenone	NA	ND(1.2)	NA	NA	NA
Aniline	NA	ND(1.2)	NA	NA	NA
Anthracene	ND(2.0)	0.18 J	NA	NA	NA
Aramite	NA	NA	NA	NA	NA
Azobenzene	NA	NA	NA	NA	NA
Benzal chloride	NA	ND(1.2)	NA	NA	NA
Benzidine	ND(9.9)	ND(1.2)	NA	NA	NA
Benzo(a)anthracene	ND(2.0)	1.5	NA	NA	NA
Benzo(a)pyrene	ND(2.0)	1.5	NA	NA	NA
Benzo(b)fluoranthene	ND(2.0)	3.2 Z	NA	NA	NA
Benzo(g,h,i)perylene	ND(2.0)	ND(1.2)	NA	NA	NA
Benzo(k)fluoranthene	ND(2.0)	3.2 Z	NA	NA	NA
Benzoic Acid	NA	ND(12)	NA	NA	NA
Benzotrichloride	NA	ND(2.4)	NA	NA	NA
Benzyl Alcohol	NA	ND(1.2)	NA	NA	NA
Benzyl Chloride	NA	ND(1.2)	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(2.0)	ND(1.2)	NA	NA	NA
bis(2-Chloroethyl)ether	ND(2.0)	ND(2.4)	NA	NA	NA
bis(2-Chloroisopropyl)ether	ND(2.0)	ND(1.2)	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(2.0)	0.42 J	NA	NA	NA
Butylbenzylphthalate	ND(2.0)	ND(1.2)	NA	NA	NA
Chrysene	ND(2.0)	2.2	NA	NA	NA
Cyclophosphamide	NA	ND(5.9)	NA	NA	NA
Diallate	NA	ND(1.2)	NA	NA	NA
Dibenz(a,j)acridine	NA	ND(1.2)	NA	NA	NA
Dibenzo(a,h)anthracene	ND(2.0)	ND(1.2)	NA	NA	NA
Dibenzofuran	NA	ND(1.2)	NA	NA	NA
Diethylphthalate	ND(2.0)	ND(1.2)	NA	NA	NA
Dimethylphthalate	ND(2.0)	ND(1.2)	NA	NA	NA
Di-n-Butylphthalate	ND(2.0)	0.15 J	NA	NA	NA
Di-n-Octylphthalate	ND(2.0)	ND(1.2)	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-1	J-4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample ID:	FP-1	ROJ4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample Depth(Feet):	8-12	0-0.3	0-0.3	0-0.3	0-0.3
Parameter Date Collected:	10/05/89	12/10/91	09/16/94	09/16/94	09/16/94
Semivolatile Organics (continued)					
Diphenylamine	NA	ND(2.4)	NA	NA	NA
Ethyl Methacrylate	NA	ND(1.2)	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(1.2)	NA	NA	NA
Fluoranthene	0.35 J	2.8	NA	NA	NA
Fluorene	ND(2.0)	0.14 J	NA	NA	NA
Hexachlorobenzene	ND(2.0)	ND(1.2)	NA	NA	NA
Hexachlorobutadiene	ND(2.0)	ND(1.2)	NA	NA	NA
Hexachlorocyclopentadiene	ND(2.0)	ND(1.2)	NA	NA	NA
Hexachloroethane	ND(2.0)	ND(1.2)	NA	NA	NA
Hexachlorophene	NA	NA	NA	NA	NA
Hexachloropropene	NA	ND(1.2)	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ND(2.0)	ND(1.2)	NA	NA	NA
Isodrin	NA	NA	NA	NA	NA
Isophorone	ND(2.0)	ND(1.2)	NA	NA	NA
Isosafrole	NA	ND(2.4)	NA	NA	NA
Methapyrilene	NA	ND(2.4)	NA	NA	NA
Methyl Methanesulfonate	NA	ND(1.2)	NA	NA	NA
Naphthalene	ND(2.0)	0.15 J	NA	NA	NA
Nitrobenzene	ND(2.0)	ND(1.2)	NA	NA	NA
N-Nitrosodiethylamine	NA	ND(1.2)	NA	NA	NA
N-Nitrosodimethylamine	ND(2.0)	ND(1.2)	NA	NA	NA
N-Nitroso-di-n-butylamine	NA	ND(1.2)	NA	NA	NA
N-Nitroso-di-n-propylamine	ND(2.0)	ND(1.2)	NA	NA	NA
N-Nitrosodiphenylamine	ND(2.0)	ND(1.2)	NA	NA	NA
N-Nitrosomethylethylamine	NA	ND(1.2)	NA	NA	NA
N-Nitrosomorpholine	NA	ND(1.2)	NA	NA	NA
N-Nitrosopiperidine	NA	ND(1.2)	NA	NA	NA
N-Nitrosopyrrolidine	NA	ND(1.2)	NA	NA	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA
o-Toluidine	NA	ND(1.2)	NA	NA	NA
Paraldehyde	NA	ND(1.2)	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(1.2)	NA	NA	NA
Pentachlorobenzene	NA	ND(2.4)	NA	NA	NA
Pentachloroethane	NA	ND(1.2)	NA	NA	NA
Pentachloronitrobenzene	NA	ND(1.2)	NA	NA	NA
Pentachlorophenol	NA	ND(2.4)	NA	NA	NA
Phenacetin	NA	ND(1.2)	NA	NA	NA
Phenanthrene	0.48 J	1.7	NA	NA	NA
Phenol	NA	ND(1.2)	NA	NA	NA
Pronamide	NA	ND(1.2)	NA	NA	NA
Pyrene	0.27 J	2.4	NA	NA	NA
Pyridine	NA	ND(1.2)	NA	NA	NA
Safrole	NA	ND(1.2)	NA	NA	NA
Thionazin	NA	ND(1.2)	NA	NA	NA
Organophosphate Pesticides					
Dimethoate	NA	ND(1.2)	NA	NA	NA
Herbicides					
Dinoseb	NA	NA	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	FP-1	J-4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample ID:	FP-1	ROJ4S	OX-J-SS2	OX-J-SS3	OX-J-SS4
Sample Depth(Feet):	8-12	0-0.3	0-0.3	0-0.3	0-0.3
Parameter / Date Collected:	10/05/89	12/10/91	09/16/94	09/16/94	09/16/94
Furans					
2,3,7,8-TCDF	NA	NA	0.000016	0.000037	0.000035
TCDFs (total)	NA	NA	0.00016 I	0.00032 I	0.00032 I
1,2,3,7,8-PeCDF	NA	NA	0.0000059	0.0000099	0.000018
2,3,4,7,8-PeCDF	NA	NA	0.000016	0.0000076	0.000039
PeCDFs (total)	NA	NA	0.00026 I	0.00046 I	0.00045 I
1,2,3,4,7,8-HxCDF	NA	NA	0.000015	0.000018	0.000036
1,2,3,6,7,8-HxCDF	NA	NA	0.000026 I	0.000030 I	0.000032 I
1,2,3,7,8,9-HxCDF	NA	NA	0.0000029	0.0000036	0.0000062
2,3,4,6,7,8-HxCDF	NA	NA	0.000016	0.000035	0.000031
HxCDFs (total)	NA	NA	0.00035 I	0.00052 I	0.00050 I
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00016 I	0.00011 I	0.00015 I
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000060	0.0000064	0.000013
HpCDFs (total)	NA	NA	0.00030 I	0.00023 I	0.00042 I
OCDF	NA	NA	0.00010	0.000089	0.00029
Dioxins					
2,3,7,8-TCDD	NA	NA	ND(0.00000046)	ND(0.00000032)	0.00000055
TCDDs (total)	NA	NA	0.0000035	0.0000046	0.0000099
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000021) Q	ND(0.0000020) Q	ND(0.0000030) X
PeCDDs (total)	NA	NA	0.000014	0.0000084	0.000011
1,2,3,4,7,8-HxCDD	NA	NA	0.0000019 J	0.0000020 J	0.0000043
1,2,3,6,7,8-HxCDD	NA	NA	0.0000052	0.0000074	0.000023
1,2,3,7,8,9-HxCDD	NA	NA	0.0000031	0.0000038	0.0000068
HxCDDs (total)	NA	NA	0.000047	0.000057	0.00013
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000091	0.00011	0.00068
HpCDDs (total)	NA	NA	0.00017	0.00025	0.0021
OCDD	NA	NA	0.00086	0.00084	0.0065
Total TEQs (WHO TEFs)	NA	NA	0.000021	0.000021	0.000049
Inorganics					
Aluminum	NA	10100 *	NA	NA	NA
Antimony	NA	11.1 BN	NA	NA	NA
Arsenic	NA	9.50	NA	NA	NA
Barium	NA	66.8	NA	NA	NA
Beryllium	NA	0.300 B	NA	NA	NA
Cadmium	NA	ND(1.50)	NA	NA	NA
Calcium	NA	18100 E	NA	NA	NA
Chromium	NA	17.8	NA	NA	NA
Cobalt	NA	14.8 B	NA	NA	NA
Copper	NA	58.8 N	NA	NA	NA
Cyanide	NA	ND(0.750)	ND(0.590)	ND(0.620)	ND(0.630)
Iron	NA	44200 *	NA	NA	NA
Lead	NA	195 *	NA	NA	NA
Magnesium	NA	11500	NA	NA	NA
Manganese	NA	987 N*	NA	NA	NA
Mercury	NA	0.210	NA	NA	NA
Nickel	NA	27.9	NA	NA	NA
Potassium	NA	1120 B	NA	NA	NA
Selenium	NA	ND(1.20)	NA	NA	NA
Silver	NA	ND(1.80) N	NA	NA	NA
Sodium	NA	174 B	NA	NA	NA
Sulfide	NA	ND(14.9)	NA	NA	NA
Thallium	NA	ND(0.880) W	NA	NA	NA
Tin	NA	NA	NA	NA	NA
Vanadium	NA	27.3	NA	NA	NA
Zinc	NA	266	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	OX-J-SS5	OX-J-SS6	RAA15-E1
Sample ID:	OX-J-SS5	OX-J-SS6	OJ-BH000937-0-0060
Sample Depth(Feet):	0-0.3	0-0.3	6-10
Parameter / Date Collected:	09/16/94	09/16/94	03/10/03
Volatile Organics			
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0044)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0044)
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0044)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0044)
1,1-Dichloroethane	NA	NA	ND(0.0044)
1,1-Dichloroethene	NA	NA	ND(0.0044)
1,2,3-Trichloropropane	NA	NA	ND(0.0044)
1,2,4-Trichlorobenzene	NA	NA	ND(0.0044)
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0044)
1,2-Dibromoethane	NA	NA	ND(0.0044)
1,2-Dichlorobenzene	NA	NA	ND(0.0044)
1,2-Dichloroethane	NA	NA	ND(0.0044)
1,2-Dichloroethene (total)	NA	NA	NA
1,2-Dichloropropane	NA	NA	ND(0.0044)
1,3-Dichlorobenzene	NA	NA	ND(0.0044)
1,4-Dichlorobenzene	NA	NA	ND(0.0044)
1,4-Dioxane	NA	NA	R
2-Butanone	NA	NA	R
2-Chloro-1,3-butadiene	NA	NA	ND(0.0044)
2-Chloroethylvinylether	NA	NA	ND(0.0044) J
2-Hexanone	NA	NA	ND(0.0044)
3-Chloropropene	NA	NA	ND(0.0044)
4-Methyl-2-pentanone	NA	NA	ND(0.0044)
Acetone	NA	NA	0.0070
Acetonitrile	NA	NA	NA
Acrolein	NA	NA	R
Acrylonitrile	NA	NA	ND(0.0044)
Benzene	NA	NA	ND(0.0044)
Bromodichloromethane	NA	NA	ND(0.0044)
Bromoform	NA	NA	ND(0.0044)
Bromomethane	NA	NA	ND(0.0044)
Carbon Disulfide	NA	NA	ND(0.0044)
Carbon Tetrachloride	NA	NA	ND(0.0044)
Chlorobenzene	NA	NA	ND(0.0044)
Chloroethane	NA	NA	ND(0.0044)
Chloroform	NA	NA	ND(0.0044)
Chloromethane	NA	NA	ND(0.0044)
cis-1,2-Dichloroethene	NA	NA	ND(0.0044)
cis-1,3-Dichloropropene	NA	NA	ND(0.0044)
cis-1,4-Dichloro-2-butene	NA	NA	NA
Crotonaldehyde	NA	NA	NA
Dibromochloromethane	NA	NA	ND(0.0044)
Dibromomethane	NA	NA	ND(0.0044)
Dichlorodifluoromethane	NA	NA	NA
Ethyl Methacrylate	NA	NA	ND(0.0044)
Ethylbenzene	NA	NA	ND(0.0044)
Freon 12	NA	NA	ND(0.0044)
Iodomethane	NA	NA	ND(0.0044)
Isobutanol	NA	NA	R
m&p-Xylene	NA	NA	ND(0.0044)
Methacrylonitrile	NA	NA	ND(0.0044)
Methyl Methacrylate	NA	NA	ND(0.0044)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	OX-J-SS5 / OX-J-SS5 / 0-0.3 / 09/16/94	OX-J-SS6 / OX-J-SS6 / 0-0.3 / 09/16/94	RAA15-E1 / OJ-BH000937-0-0060 / 6-10 / 03/10/03
Volatile Organics (continued)				
Methyl tert-butyl ether		NA	NA	ND(0.0044)
Methylene Chloride		NA	NA	ND(0.0044)
Naphthalene		NA	NA	ND(0.0044)
o-Xylene		NA	NA	ND(0.0044)
Propionitrile		NA	NA	R
Styrene		NA	NA	ND(0.0044)
Tetrachloroethene		NA	NA	ND(0.0044)
Toluene		NA	NA	ND(0.0044)
trans-1,2-Dichloroethene		NA	NA	ND(0.0044)
trans-1,3-Dichloropropene		NA	NA	ND(0.0044)
trans-1,4-Dichloro-2-butene		NA	NA	ND(0.0044)
Trichloroethene		NA	NA	ND(0.0044)
Trichlorofluoromethane		NA	NA	ND(0.0044)
Vinyl Acetate		NA	NA	ND(0.0044)
Vinyl Chloride		NA	NA	ND(0.0044)
Xylenes (total)		NA	NA	ND(0.0044)
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene		NA	NA	NA
1,2,3,5-Tetrachlorobenzene		NA	NA	NA
1,2,3-Trichlorobenzene		NA	NA	NA
1,2,4,5-Tetrachlorobenzene		NA	NA	ND(0.38) J
1,2,4-Trichlorobenzene		NA	NA	ND(0.38)
1,2-Dichlorobenzene		NA	NA	ND(0.38)
1,2-Diphenylhydrazine		NA	NA	NA
1,3,5-Trichlorobenzene		NA	NA	NA
1,3,5-Trinitrobenzene		NA	NA	ND(0.38)
1,3-Dichlorobenzene		NA	NA	ND(0.38)
1,3-Dinitrobenzene		NA	NA	ND(0.38)
1,4-Dichlorobenzene		NA	NA	ND(0.38)
1,4-Dinitrobenzene		NA	NA	NA
1,4-Naphthoquinone		NA	NA	ND(0.38)
1-Chloronaphthalene		NA	NA	NA
1-Methylnaphthalene		NA	NA	NA
1-Naphthylamine		NA	NA	ND(0.38)
2,3,4,6-Tetrachlorophenol		NA	NA	ND(0.38)
2,4,5-Trichlorophenol		NA	NA	ND(0.95)
2,4,6-Trichlorophenol		NA	NA	ND(0.38)
2,4-Dichlorophenol		NA	NA	ND(0.38)
2,4-Dimethylphenol		NA	NA	ND(0.38)
2,4-Dinitrophenol		NA	NA	ND(0.95) J
2,4-Dinitrotoluene		NA	NA	ND(0.38)
2,6-Dichlorophenol		NA	NA	ND(0.38)
2,6-Dinitrotoluene		NA	NA	ND(0.38)
2-Acetylaminofluorene		NA	NA	ND(0.38)
2-Chloronaphthalene		NA	NA	ND(0.38)
2-Chlorophenol		NA	NA	ND(0.38)
2-Methylnaphthalene		NA	NA	ND(0.38)
2-Methylphenol		NA	NA	ND(0.38)
2-Naphthylamine		NA	NA	ND(0.38)
2-Nitroaniline		NA	NA	ND(0.95)
2-Nitrophenol		NA	NA	ND(0.38)
2-Phenylenediamine		NA	NA	NA
2-Picoline		NA	NA	ND(0.38)
3&4-Methylphenol		NA	NA	ND(0.38)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	OX-J-SS5 / OX-J-SS5 / 0-0.3 / 09/16/94	OX-J-SS6 / OX-J-SS6 / 0-0.3 / 09/16/94	RAA15-E1 / OJ-BH000937-0-0060 / 6-10 / 03/10/03
Semivolatile Organics (continued)				
3,3'-Dichlorobenzidine		NA	NA	ND(0.38)
3,3'-Dimethoxybenzidine		NA	NA	NA
3,3'-Dimethylbenzidine		NA	NA	ND(0.38)
3-Methylcholanthrene		NA	NA	ND(0.38)
3-Nitroaniline		NA	NA	ND(0.95)
3-Phenylenediamine		NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)		NA	NA	NA
4,6-Dinitro-2-methylphenol		NA	NA	ND(0.95)
4-Aminobiphenyl		NA	NA	ND(0.38)
4-Bromophenyl-phenylether		NA	NA	ND(0.38)
4-Chloro-3-Methylphenol		NA	NA	ND(0.38) J
4-Chloroaniline		NA	NA	ND(0.38) J
4-Chlorobenzilate		NA	NA	ND(0.38)
4-Chlorophenyl-phenylether		NA	NA	ND(0.38)
4-Nitroaniline		NA	NA	ND(0.95)
4-Nitrophenol		NA	NA	ND(0.95) J
4-Nitroquinoline-1-oxide		NA	NA	ND(0.38) J
4-Phenylenediamine		NA	NA	ND(0.38)
5-Nitro-o-toluidine		NA	NA	ND(0.38)
7,12-Dimethylbenz(a)anthracene		NA	NA	ND(0.38)
a,a'-Dimethylphenethylamine		NA	NA	ND(0.38)
Acenaphthene		NA	NA	ND(0.38)
Acenaphthylene		NA	NA	ND(0.38)
Acetophenone		NA	NA	ND(0.38)
Aniline		NA	NA	ND(0.95)
Anthracene		NA	NA	ND(0.38)
Aramite		NA	NA	ND(0.38)
Azobenzene		NA	NA	ND(0.38)
Benzal chloride		NA	NA	NA
Benzidine		NA	NA	NA
Benzo(a)anthracene		NA	NA	ND(0.38)
Benzo(a)pyrene		NA	NA	ND(0.38)
Benzo(b)fluoranthene		NA	NA	ND(0.38)
Benzo(g,h,i)perylene		NA	NA	ND(0.38)
Benzo(k)fluoranthene		NA	NA	ND(0.38) J
Benzoic Acid		NA	NA	NA
Benzotrichloride		NA	NA	NA
Benzyl Alcohol		NA	NA	ND(0.38)
Benzyl Chloride		NA	NA	NA
bis(2-Chloroethoxy)methane		NA	NA	ND(0.38)
bis(2-Chloroethyl)ether		NA	NA	ND(0.38)
bis(2-Chloroisopropyl)ether		NA	NA	ND(0.38)
bis(2-Ethylhexyl)phthalate		NA	NA	ND(0.38)
Butylbenzylphthalate		NA	NA	ND(0.38)
Chrysene		NA	NA	ND(0.38)
Cyclophosphamide		NA	NA	NA
Diallate		NA	NA	ND(0.38)
Dibenz(a,j)acridine		NA	NA	NA
Dibenzo(a,h)anthracene		NA	NA	ND(0.38)
Dibenzofuran		NA	NA	ND(0.38)
Diethylphthalate		NA	NA	ND(0.38)
Dimethylphthalate		NA	NA	ND(0.38)
Di-n-Butylphthalate		NA	NA	ND(0.38)
Di-n-Octylphthalate		NA	NA	ND(0.38)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:		
	OX-J-SS5 / OX-J-SS5 / 0-0.3 / 09/16/94	OX-J-SS6 / OX-J-SS6 / 0-0.3 / 09/16/94	RAA15-E1 / OJ-BH000937-0-0060 / 6-10 / 03/10/03
Semivolatile Organics (continued)			
Diphenylamine	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.38)
Fluoranthene	NA	NA	ND(0.38)
Fluorene	NA	NA	ND(0.38)
Hexachlorobenzene	NA	NA	ND(0.38)
Hexachlorobutadiene	NA	NA	ND(0.38)
Hexachlorocyclopentadiene	NA	NA	ND(0.38)
Hexachloroethane	NA	NA	ND(0.38)
Hexachlorophene	NA	NA	NA
Hexachloropropene	NA	NA	ND(0.38)
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.38)
Isodrin	NA	NA	NA
Isophorone	NA	NA	ND(0.38)
Isosafrole	NA	NA	ND(0.38) J
Methapyrilene	NA	NA	ND(0.38)
Methyl Methanesulfonate	NA	NA	ND(0.38)
Naphthalene	NA	NA	ND(0.38)
Nitrobenzene	NA	NA	ND(0.38)
N-Nitrosodiethylamine	NA	NA	ND(0.38)
N-Nitrosodimethylamine	NA	NA	ND(0.38)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.38)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.38)
N-Nitrosodiphenylamine	NA	NA	ND(0.38)
N-Nitrosomethylethylamine	NA	NA	ND(0.38)
N-Nitrosomorpholine	NA	NA	ND(0.38)
N-Nitrosopiperidine	NA	NA	ND(0.38)
N-Nitrosopyrrolidine	NA	NA	ND(0.38)
o,o,o-Triethylphosphorothioate	NA	NA	NA
o-Toluidine	NA	NA	ND(0.38)
Paraldehyde	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	ND(0.38)
Pentachlorobenzene	NA	NA	ND(0.38)
Pentachloroethane	NA	NA	ND(0.38)
Pentachloronitrobenzene	NA	NA	ND(0.38)
Pentachlorophenol	NA	NA	ND(0.95)
Phenacetin	NA	NA	ND(0.38)
Phenanthrene	NA	NA	ND(0.38)
Phenol	NA	NA	ND(0.38)
Pronamide	NA	NA	ND(0.38)
Pyrene	NA	NA	ND(0.38)
Pyridine	NA	NA	ND(0.38) J
Safrole	NA	NA	ND(0.38)
Thionazin	NA	NA	NA
Organophosphate Pesticides			
Dimethoate	NA	NA	NA
Herbicides			
Dinoseb	NA	NA	ND(0.38)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	OX-J-SS5	OX-J-SS6	RAA15-E1
Sample ID:	OX-J-SS5	OX-J-SS6	OJ-BH000937-0-0060
Sample Depth(Feet):	0-0.3	0-0.3	6-10
Parameter / Date Collected:	09/16/94	09/16/94	03/10/03
Furans			
2,3,7,8-TCDF	0.0000057 [0.0000055]	0.000013	NA
TCDFs (total)	0.000065 I [0.000045 I]	0.00011 I	NA
1,2,3,7,8-PeCDF	0.0000020 J [0.0000018 J]	0.0000035	NA
2,3,4,7,8-PeCDF	0.0000067 [0.0000065]	0.0000069	NA
PeCDFs (total)	0.000097 I [0.000086 I]	0.000094 I	NA
1,2,3,4,7,8-HxCDF	0.0000043 [0.0000032]	0.0000048	NA
1,2,3,6,7,8-HxCDF	0.0000060 I [0.0000051 I]	0.0000065 I	NA
1,2,3,7,8,9-HxCDF	0.00000099 J [0.00000081 J]	0.0000011 J	NA
2,3,4,6,7,8-HxCDF	0.0000072 I [0.0000058 I]	0.0000077 I	NA
HxCDFs (total)	0.000092 I [0.000080 I]	0.000092 I	NA
1,2,3,4,6,7,8-HpCDF	0.000024 I [0.000019 I]	0.000022 I	NA
1,2,3,4,7,8,9-HpCDF	0.0000021 J [0.0000014 J]	0.0000019 J	NA
HpCDFs (total)	0.000052 I [0.000043 I]	0.000046 I	NA
OCDF	0.000026 [0.000022]	0.000022	NA
Dioxins			
2,3,7,8-TCDD	ND(0.00000036) [ND(0.00000028)]	ND(0.00000047)	NA
TCDDs (total)	0.00000069 [0.0000011]	0.0000038	NA
1,2,3,7,8-PeCDD	ND(0.00000049) [ND(0.00000045)]	ND(0.00000071)	NA
PeCDDs (total)	ND(0.0000010) [ND(0.00000091)]	ND(0.0000019)	NA
1,2,3,4,7,8-HxCDD	0.00000068 J [0.00000057 J]	0.00000078 J	NA
1,2,3,6,7,8-HxCDD	0.0000019 J [0.0000018 J]	0.0000022 J	NA
1,2,3,7,8,9-HxCDD	0.0000011 J [0.00000090 J]	0.0000014 J	NA
HxCDDs (total)	0.000015 [0.000013]	0.000020	NA
1,2,3,4,6,7,8-HpCDD	0.000034 [0.000031]	0.000037	NA
HpCDDs (total)	0.000074 [0.000067]	0.00010	NA
OCDD	0.00026 [0.00024]	0.00027	NA
Total TEQs (WHO TEFs)	0.0000073 [0.0000066]	0.0000086	NA
Inorganics			
Aluminum	NA	NA	NA
Antimony	NA	NA	ND(0.300)
Arsenic	NA	NA	4.40
Barium	NA	NA	21.6
Beryllium	NA	NA	ND(0.200)
Cadmium	NA	NA	ND(0.0430)
Calcium	NA	NA	NA
Chromium	NA	NA	7.20
Cobalt	NA	NA	7.50
Copper	NA	NA	12.3
Cyanide	ND(0.580) [ND(0.580)]	ND(0.560)	ND(0.560)
Iron	NA	NA	NA
Lead	NA	NA	4.30
Magnesium	NA	NA	NA
Manganese	NA	NA	NA
Mercury	NA	NA	ND(0.0190)
Nickel	NA	NA	13.0 J
Potassium	NA	NA	NA
Selenium	NA	NA	0.970
Silver	NA	NA	ND(0.170)
Sodium	NA	NA	NA
Sulfide	NA	NA	NA
Thallium	NA	NA	ND(0.310) J
Tin	NA	NA	ND(0.390)
Vanadium	NA	NA	7.50
Zinc	NA	NA	49.5 J

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample Depth(Feet):	0-1	3-6	4-6	3-6
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	03/07/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0047)	NA	ND(0.0049)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0047)	NA	ND(0.0049)	NA
1,1,2,2-Tetrachloroethane	ND(0.0047)	NA	ND(0.0049)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0047)	NA	ND(0.0049)	NA
1,1-Dichloroethane	ND(0.0047)	NA	ND(0.0049)	NA
1,1-Dichloroethene	ND(0.0047)	NA	ND(0.0049)	NA
1,2,3-Trichloropropane	ND(0.0047)	NA	ND(0.0049)	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0047)	NA	ND(0.0049)	NA
1,2-Dibromoethane	ND(0.0047)	NA	ND(0.0049)	NA
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0047)	NA	ND(0.0049)	NA
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0047)	NA	ND(0.0049)	NA
1,3-Dichlorobenzene	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA
1,4-Dioxane	ND(0.94) J	NA	ND(0.98) J	NA
2-Butanone	ND(0.0047) J	NA	ND(0.0049) J	NA
2-Chloro-1,3-butadiene	ND(0.0047)	NA	ND(0.0049)	NA
2-Chloroethylvinylether	ND(0.0094) J	NA	ND(0.0098) J	NA
2-Hexanone	ND(0.019) J	NA	ND(0.020) J	NA
3-Chloropropene	ND(0.0047) J	NA	ND(0.0049) J	NA
4-Methyl-2-pentanone	ND(0.019)	NA	ND(0.020)	NA
Acetone	ND(0.019) J	NA	ND(0.020) J	NA
Acetonitrile	ND(0.094)	NA	ND(0.098)	NA
Acrolein	ND(0.094)	NA	ND(0.098)	NA
Acrylonitrile	ND(0.094)	NA	ND(0.098)	NA
Benzene	ND(0.0047)	NA	ND(0.0049)	NA
Bromodichloromethane	ND(0.0047)	NA	ND(0.0049)	NA
Bromoform	ND(0.0047)	NA	ND(0.0049)	NA
Bromomethane	ND(0.0047)	NA	ND(0.0049)	NA
Carbon Disulfide	ND(0.0047)	NA	ND(0.0049)	NA
Carbon Tetrachloride	ND(0.0047)	NA	ND(0.0049)	NA
Chlorobenzene	ND(0.0047)	NA	ND(0.0049)	NA
Chloroethane	ND(0.0094)	NA	ND(0.0098)	NA
Chloroform	ND(0.0047)	NA	ND(0.0049)	NA
Chloromethane	ND(0.0047)	NA	ND(0.0049)	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0047)	NA	ND(0.0049)	NA
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	ND(0.0047)	NA	ND(0.0049)	NA
Dibromomethane	ND(0.0047)	NA	ND(0.0049)	NA
Dichlorodifluoromethane	ND(0.0047)	NA	ND(0.0049)	NA
Ethyl Methacrylate	ND(0.0047) J	NA	ND(0.0049) J	NA
Ethylbenzene	ND(0.0047)	NA	ND(0.0049)	NA
Freon 12	NA	NA	NA	NA
Iodomethane	ND(0.0047)	NA	ND(0.0049)	NA
Isobutanol	ND(0.19) J	NA	ND(0.20) J	NA
m&p-Xylene	NA	NA	NA	NA
Methacrylonitrile	ND(0.0047) J	NA	ND(0.0049) J	NA
Methyl Methacrylate	ND(0.0047) J	NA	ND(0.0049) J	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample Depth(Feet):	0-1	3-6	4-6	3-6
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	03/07/03
Volatile Organics (continued)				
Methyl tert-butyl ether	NA	NA	NA	NA
Methylene Chloride	ND(0.0047)	NA	ND(0.0049)	NA
Naphthalene	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA
Propionitrile	ND(0.0094)	NA	ND(0.0098)	NA
Styrene	ND(0.0047)	NA	ND(0.0049)	NA
Tetrachloroethene	ND(0.0047)	NA	ND(0.0049)	NA
Toluene	ND(0.0047)	NA	ND(0.0049)	NA
trans-1,2-Dichloroethene	ND(0.0047)	NA	ND(0.0049)	NA
trans-1,3-Dichloropropene	ND(0.0047)	NA	ND(0.0049)	NA
trans-1,4-Dichloro-2-butene	ND(0.0047) J	NA	ND(0.0049) J	NA
Trichloroethene	ND(0.0047)	NA	ND(0.0049)	NA
Trichlorofluoromethane	ND(0.0047)	NA	ND(0.0049)	NA
Vinyl Acetate	ND(0.0047) J	NA	ND(0.0049) J	NA
Vinyl Chloride	ND(0.0094)	NA	ND(0.0098)	NA
Xylenes (total)	ND(0.0047)	NA	ND(0.0049)	NA
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.72)	ND(0.39)	NA	0.11 J
1,2,4-Trichlorobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
1,2-Dichlorobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
1,2-Diphenylhydrazine	ND(0.72)	ND(0.39)	NA	ND(0.38)
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(3.5)	ND(1.9)	NA	ND(1.8)
1,3-Dichlorobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
1,3-Dinitrobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
1,4-Dichlorobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	ND(3.5)	ND(1.9)	NA	ND(1.8)
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,3,4,6-Tetrachlorophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,4,5-Trichlorophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,4,6-Trichlorophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,4-Dichlorophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,4-Dimethylphenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,4-Dinitrophenol	ND(3.5)	ND(1.9)	NA	ND(1.8)
2,4-Dinitrotoluene	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,6-Dichlorophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2,6-Dinitrotoluene	ND(0.72)	ND(0.39)	NA	ND(0.38)
2-Acetylaminofluorene	ND(1.4)	ND(0.77)	NA	ND(0.76)
2-Chloronaphthalene	ND(0.72)	ND(0.39)	NA	ND(0.38)
2-Chlorophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2-Methylnaphthalene	ND(0.72)	ND(0.39)	NA	0.033 J
2-Methylphenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2-Naphthylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
2-Nitroaniline	ND(3.5)	ND(1.9)	NA	ND(1.8)
2-Nitrophenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	ND(1.4)	ND(0.77)	NA	ND(0.76)
3&4-Methylphenol	ND(1.4)	ND(0.77)	NA	ND(0.76)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample Depth(Feet):	0-1	3-6	4-6	3-6
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	03/07/03
Semivolatile Organics (continued)				
3,3'-Dichlorobenzidine	ND(3.5)	ND(1.9)	NA	ND(1.8)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(3.5)	ND(1.9)	NA	ND(1.8)
3-Methylcholanthrene	ND(3.5)	ND(1.9)	NA	ND(1.8)
3-Nitroaniline	ND(3.5)	ND(1.9)	NA	ND(1.8)
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(3.5)	ND(1.9)	NA	ND(1.8)
4-Aminobiphenyl	ND(3.5)	ND(1.9)	NA	ND(1.8)
4-Bromophenyl-phenylether	ND(0.72)	ND(0.39)	NA	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
4-Chloroaniline	ND(0.72)	ND(0.39)	NA	ND(0.38)
4-Chlorobenzilate	ND(0.72)	ND(0.39)	NA	ND(0.38)
4-Chlorophenyl-phenylether	ND(0.72)	ND(0.39)	NA	ND(0.38)
4-Nitroaniline	ND(3.5)	ND(1.9)	NA	ND(1.8)
4-Nitrophenol	ND(3.5)	ND(1.9)	NA	ND(1.8)
4-Nitroquinoline-1-oxide	ND(7.2)	ND(3.9)	NA	ND(3.8)
4-Phenylenediamine	ND(14)	ND(7.7)	NA	ND(7.6)
5-Nitro-o-toluidine	ND(1.4)	ND(0.77)	NA	ND(0.76)
7,12-Dimethylbenz(a)anthracene	ND(1.4)	ND(0.77)	NA	ND(0.76)
a,a'-Dimethylphenethylamine	ND(3.5)	ND(1.9)	NA	ND(1.8)
Acenaphthene	ND(0.72)	0.036 J	NA	0.11 J
Acenaphthylene	0.053 J	ND(0.39)	NA	0.14 J
Acetophenone	ND(0.72)	ND(0.39)	NA	ND(0.38)
Aniline	ND(0.72)	ND(0.39)	NA	ND(0.38)
Anthracene	ND(0.72)	0.16 J	NA	0.53
Aramite	ND(3.5)	ND(1.9)	NA	ND(1.8)
Azobenzene	NA	NA	NA	NA
Benzal chloride	NA	NA	NA	NA
Benzidine	ND(7.2)	ND(3.9)	NA	ND(3.8)
Benzo(a)anthracene	0.095 J	0.21 J	NA	1.5
Benzo(a)pyrene	0.12 J	0.16 J	NA	1.3
Benzo(b)fluoranthene	0.12 J	0.13 J	NA	1.2
Benzo(g,h,i)perylene	ND(0.72)	ND(0.39)	NA	0.97
Benzo(k)fluoranthene	0.14 J	0.17 J	NA	0.93
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	ND(0.72)	ND(0.39)	NA	ND(0.38)
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.72)	ND(0.39)	NA	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.72)	ND(0.39)	NA	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.72)	ND(0.39)	NA	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Butylbenzylphthalate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Chrysene	0.17 J	0.20 J	NA	1.5
Cyclophosphamide	NA	NA	NA	NA
Diallate	ND(1.4)	ND(0.77)	NA	ND(0.76)
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.72)	ND(0.39)	NA	0.33 J
Dibenzofuran	ND(0.72)	0.042 J	NA	0.082 J
Diethylphthalate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Dimethylphthalate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Di-n-Butylphthalate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Di-n-Octylphthalate	ND(0.72)	ND(0.39)	NA	ND(0.38)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample Depth(Feet):	0-1	3-6	4-6	3-6
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	03/07/03
Semivolatile Organics (continued)				
Diphenylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Fluoranthene	0.19 J	0.57	NA	3.1
Fluorene	ND(0.72)	0.042 J	NA	0.14 J
Hexachlorobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
Hexachlorobutadiene	ND(0.72)	ND(0.39)	NA	ND(0.38)
Hexachlorocyclopentadiene	ND(3.5)	ND(1.9)	NA	ND(1.8)
Hexachloroethane	ND(0.72)	ND(0.39)	NA	ND(0.38)
Hexachlorophene	ND(15)	ND(7.8)	NA	ND(7.7) J
Hexachloropropene	ND(7.2)	ND(3.9)	NA	ND(3.8)
Indeno(1,2,3-cd)pyrene	ND(0.72)	0.057 J	NA	1.1
Isodrin	ND(0.72)	ND(0.39)	NA	ND(0.38)
Isophorone	ND(0.72)	ND(0.39)	NA	ND(0.38)
Isosafrole	ND(1.4)	ND(0.77)	NA	ND(0.76)
Methapyrilene	ND(3.5)	ND(1.9)	NA	ND(1.8)
Methyl Methanesulfonate	ND(0.72)	ND(0.39)	NA	ND(0.38)
Naphthalene	ND(0.72)	0.068 J	NA	0.054 J
Nitrobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosodiethylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosodimethylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitroso-di-n-propylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosodiphenylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosomethylethylamine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosomorpholine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosopiperidine	ND(0.72)	ND(0.39)	NA	ND(0.38)
N-Nitrosopyrrolidine	ND(0.72)	ND(0.39)	NA	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(3.5)	ND(1.9)	NA	ND(1.8)
o-Toluidine	ND(1.4)	ND(0.77)	NA	ND(0.76)
Paraldehyde	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(1.4)	ND(0.77)	NA	ND(0.76)
Pentachlorobenzene	ND(0.72)	ND(0.39)	NA	ND(0.38)
Pentachloroethane	ND(3.5)	ND(1.9)	NA	ND(1.8)
Pentachloronitrobenzene	ND(3.5)	ND(1.9)	NA	ND(1.8)
Pentachlorophenol	ND(3.5)	ND(1.9)	NA	ND(1.8)
Phenacetin	ND(1.4)	ND(0.77)	NA	ND(0.76)
Phenanthrene	ND(0.72)	0.53	NA	2.1
Phenol	ND(0.72)	ND(0.39)	NA	ND(0.38)
Pronamide	ND(1.4)	ND(0.77)	NA	ND(0.76)
Pyrene	0.15 J	0.31 J	NA	2.8
Pyridine	ND(1.4)	ND(0.77)	NA	ND(0.76)
Safrole	ND(1.4)	ND(0.77)	NA	ND(0.76)
Thionazin	ND(3.5)	ND(1.9)	NA	ND(1.8)
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Herbicides				
Dinoseb	NA	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample ID:	RAA15-E1	RAA15-E1	RAA15-E1	RAA15-G2
Sample Depth(Feet):	0-1	3-6	4-6	3-6
Parameter / Date Collected:	03/10/03	03/10/03	03/10/03	03/07/03
Furans				
2,3,7,8-TCDF	ND(0.0000021) X	ND(0.00000021)	NA	ND(0.000085) X
TCDFs (total)	ND(0.000023) X	ND(0.00000021)	NA	ND(0.00061) XQJ
1,2,3,7,8-PeCDF	ND(0.00000068) X	ND(0.00000012)	NA	0.000050
2,3,4,7,8-PeCDF	0.0000011 J	ND(0.00000011)	NA	0.000049
PeCDFs (total)	ND(0.000052) X	ND(0.00000018) X	NA	ND(0.00059) X
1,2,3,4,7,8-HxCDF	ND(0.0000060) X	ND(0.00000010)	NA	0.00012
1,2,3,6,7,8-HxCDF	ND(0.00000077) X	ND(0.000000097)	NA	ND(0.000056) X
1,2,3,7,8,9-HxCDF	ND(0.00000030)	ND(0.00000012)	NA	0.0000030 J
2,3,4,6,7,8-HxCDF	ND(0.00000071) X	ND(0.00000011)	NA	0.000015
HxCDFs (total)	ND(0.000037) X	0.00000015 J	NA	ND(0.00038) XQJ
1,2,3,4,6,7,8-HpCDF	0.0000029 J	ND(0.00000017)	NA	0.000078
1,2,3,4,7,8,9-HpCDF	ND(0.00000067)	ND(0.00000021)	NA	0.000025
HpCDFs (total)	0.0000073 J	ND(0.00000019)	NA	ND(0.00014) X
OCDF	0.0000028 J	ND(0.00000037)	NA	0.000068
Dioxins				
2,3,7,8-TCDD	ND(0.00000042)	ND(0.00000028)	NA	ND(0.00000054) X
TCDDs (total)	ND(0.00000039) X	ND(0.00000048) X	NA	ND(0.000014) X
1,2,3,7,8-PeCDD	ND(0.00000032)	ND(0.00000014)	NA	ND(0.0000030) X
PeCDDs (total)	ND(0.00000032)	ND(0.00000033) X	NA	ND(0.000020) X
1,2,3,4,7,8-HxCDD	ND(0.00000044)	ND(0.00000022)	NA	ND(0.00000084) X
1,2,3,6,7,8-HxCDD	ND(0.00000041)	ND(0.00000021)	NA	0.0000015 J
1,2,3,7,8,9-HxCDD	ND(0.00000043)	ND(0.00000021)	NA	0.0000015 JQ
HxCDDs (total)	ND(0.00000096) X	0.00000075 J	NA	ND(0.000026) XQJ
1,2,3,4,6,7,8-HpCDD	0.0000019 J	0.00000043 QJ	NA	0.0000086 QJ
HpCDDs (total)	ND(0.0000038) X	0.00000043 QJ	NA	0.000017 QJ
OCDD	0.000013 J	ND(0.0000010) XQJ	NA	0.00002
Total TEQs (WHO TEFs)	0.0000015	0.00000031	NA	0.000051
Inorganics				
Aluminum	NA	NA	NA	NA
Antimony	0.510 B	ND(7.00)	NA	ND(6.90)
Arsenic	2.90	4.50	NA	6.60
Barium	21.4 J	38.0 J	NA	48.9
Beryllium	0.310 B	0.550 B	NA	ND(0.530)
Cadmium	ND(0.550)	ND(0.580)	NA	ND(0.100)
Calcium	NA	NA	NA	NA
Chromium	4.60	9.30	NA	10.0
Cobalt	4.30 B	10.6	NA	7.80
Copper	24.3 J	23.2 J	NA	61.2 J
Cyanide	0.250 B	0.210 B	NA	0.210 B
Iron	NA	NA	NA	NA
Lead	29.6 J	9.60 J	NA	94.2 J
Magnesium	NA	NA	NA	NA
Manganese	NA	NA	NA	NA
Mercury	0.430 J	0.920 J	NA	1.30
Nickel	7.50	17.6	NA	17.0 J
Potassium	NA	NA	NA	NA
Selenium	ND(0.550)	ND(0.580)	NA	ND(0.570)
Silver	ND(1.10)	ND(1.20)	NA	ND(1.10)
Sodium	NA	NA	NA	NA
Sulfide	ND(10.9)	ND(11.7)	NA	ND(11.5)
Thallium	ND(1.10)	ND(1.20)	NA	0.640 B
Tin	ND(5.00)	ND(3.30)	NA	ND(8.80)
Vanadium	8.10	10.7	NA	11.9
Zinc	34.5	63.1	NA	124

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	0-1	0-1	1-3
Parameter / Date Collected:	03/07/03	03/05/03	03/05/03	03/05/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,1,2,2-Tetrachloroethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,1-Dichloroethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,1-Dichloroethene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,2,3-Trichloropropane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,2-Dibromoethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
1,3-Dichlorobenzene	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA
1,4-Dioxane	ND(0.96) J	ND(0.97) J	ND(1.1) J	ND(1.1) J
2-Butanone	ND(0.0048) J	ND(0.0049) J	ND(0.0053) J	ND(0.0056) J
2-Chloro-1,3-butadiene	ND(0.0048) J	ND(0.0049) J	ND(0.0053) J	ND(0.0056) J
2-Chloroethylvinylether	ND(0.0096) J	ND(0.0097) J	ND(0.011) J	ND(0.011) J
2-Hexanone	ND(0.019)	ND(0.019)	ND(0.021)	ND(0.023)
3-Chloropropene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
4-Methyl-2-pentanone	ND(0.019)	ND(0.019)	ND(0.021)	ND(0.023)
Acetone	ND(0.019) J	ND(0.019) J	ND(0.021) J	ND(0.023) J
Acetonitrile	ND(0.096)	ND(0.097)	ND(0.11)	ND(0.11)
Acrolein	ND(0.096) J	ND(0.097) J	ND(0.11) J	ND(0.11) J
Acrylonitrile	ND(0.096) J	ND(0.097) J	ND(0.11) J	ND(0.11) J
Benzene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Bromodichloromethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Bromoform	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Bromomethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Carbon Disulfide	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Carbon Tetrachloride	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Chlorobenzene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Chloroethane	ND(0.0096)	ND(0.0097)	ND(0.011)	ND(0.011)
Chloroform	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Chloromethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
cis-1,2-Dichloroethene	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Dibromomethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Dichlorodifluoromethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Ethyl Methacrylate	ND(0.0048) J	ND(0.0049) J	ND(0.0053) J	ND(0.0056) J
Ethylbenzene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Freon 12	NA	NA	NA	NA
Iodomethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Isobutanol	ND(0.19) J	ND(0.19) J	ND(0.21) J	ND(0.23) J
m&p-Xylene	NA	NA	NA	NA
Methacrylonitrile	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Methyl Methacrylate	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	03/05/03	03/05/03	03/05/03
Volatile Organics (continued)				
Methyl tert-butyl ether	NA	NA	NA	NA
Methylene Chloride	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Naphthalene	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA
Propionitrile	ND(0.0096)	ND(0.0097)	ND(0.011)	ND(0.011)
Styrene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Tetrachloroethene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Toluene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
trans-1,2-Dichloroethene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Trichloroethene	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Trichlorofluoromethane	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Vinyl Acetate	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Vinyl Chloride	ND(0.0096)	ND(0.0097)	ND(0.011)	ND(0.011)
Xylenes (total)	ND(0.0048)	ND(0.0049)	ND(0.0053)	ND(0.0056)
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,2,4-Trichlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,2-Dichlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,2-Diphenylhydrazine	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(1.9)	ND(2.0)	ND(1.7)
1,3-Dichlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,3-Dinitrobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,4-Dichlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(1.9)	ND(2.0)	ND(1.7)
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,3,4,6-Tetrachlorophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,4,5-Trichlorophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,4,6-Trichlorophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,4-Dichlorophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,4-Dimethylphenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,4-Dinitrophenol	NA	ND(1.9)	ND(2.0)	ND(1.7)
2,4-Dinitrotoluene	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,6-Dichlorophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2,6-Dinitrotoluene	NA	ND(0.39)	ND(0.40)	ND(0.36)
2-Acetylaminofluorene	NA	ND(0.77)	ND(0.81)	ND(0.72)
2-Chloronaphthalene	NA	ND(0.39)	ND(0.40)	ND(0.36)
2-Chlorophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2-Methylnaphthalene	NA	0.076 J	0.080 J	ND(0.36)
2-Methylphenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2-Naphthylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
2-Nitroaniline	NA	ND(1.9)	ND(2.0)	ND(1.7)
2-Nitrophenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	NA	ND(0.77)	ND(0.81)	ND(0.72)
3&4-Methylphenol	NA	ND(0.77)	ND(0.81)	ND(0.72)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	0-1	0-1	1-3
Parameter / Date Collected:	03/07/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)				
3,3'-Dichlorobenzidine	NA	ND(1.9)	ND(2.0)	ND(1.7)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(1.9)	ND(2.0)	ND(1.7)
3-Methylcholanthrene	NA	ND(1.9)	ND(2.0)	ND(1.7)
3-Nitroaniline	NA	ND(1.9)	ND(2.0)	ND(1.7)
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.9)	ND(2.0)	ND(1.7)
4-Aminobiphenyl	NA	ND(1.9)	ND(2.0)	ND(1.7)
4-Bromophenyl-phenylether	NA	ND(0.39)	ND(0.40)	ND(0.36)
4-Chloro-3-Methylphenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
4-Chloroaniline	NA	ND(0.39)	ND(0.40)	ND(0.36)
4-Chlorobenzilate	NA	ND(0.39)	ND(0.40)	ND(0.36)
4-Chlorophenyl-phenylether	NA	ND(0.39)	ND(0.40)	ND(0.36)
4-Nitroaniline	NA	ND(1.9)	ND(2.0)	ND(1.7)
4-Nitrophenol	NA	ND(1.9)	ND(2.0)	ND(1.7)
4-Nitroquinoline-1-oxide	NA	ND(3.9)	ND(4.0)	ND(3.6)
4-Phenylenediamine	NA	ND(7.7)	ND(8.1)	ND(7.2)
5-Nitro-o-toluidine	NA	ND(0.77)	ND(0.81)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.77)	ND(0.81)	ND(0.72)
a,a'-Dimethylphenethylamine	NA	ND(1.9)	ND(2.0)	ND(1.7)
Acenaphthene	NA	0.086 J	ND(0.40)	ND(0.36)
Acenaphthylene	NA	0.43	0.56	0.11 J
Acetophenone	NA	ND(0.39)	ND(0.40)	ND(0.36)
Aniline	NA	ND(0.39)	ND(0.40)	ND(0.36)
Anthracene	NA	0.40	0.16 J	0.048 J
Aramite	NA	ND(1.9)	ND(2.0)	ND(1.7)
Azobenzene	NA	NA	NA	NA
Benzal chloride	NA	NA	NA	NA
Benzidine	NA	ND(3.9)	ND(4.0)	ND(3.6)
Benzo(a)anthracene	NA	1.0	0.72	0.18 J
Benzo(a)pyrene	NA	1.3	1.1	0.20 J
Benzo(b)fluoranthene	NA	1.2	1.1	0.21 J
Benzo(g,h,i)perylene	NA	0.35 J	0.41	0.078 J
Benzo(k)fluoranthene	NA	1.1	0.98	0.22 J
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.39)	ND(0.40)	ND(0.36)
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.39)	ND(0.40)	ND(0.36)
bis(2-Chloroethyl)ether	NA	ND(0.39)	ND(0.40)	ND(0.36)
bis(2-Chloroisopropyl)ether	NA	ND(0.39)	ND(0.40)	ND(0.36)
bis(2-Ethylhexyl)phthalate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Butylbenzylphthalate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Chrysene	NA	1.4	0.96	0.20 J
Cyclophosphamide	NA	NA	NA	NA
Diallate	NA	ND(0.77)	ND(0.81)	ND(0.72)
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	0.15 J	0.14 J	ND(0.36)
Dibenzofuran	NA	0.061 J	ND(0.40)	ND(0.36)
Diethylphthalate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Dimethylphthalate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Di-n-Butylphthalate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Di-n-Octylphthalate	NA	ND(0.39)	ND(0.40)	ND(0.36)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)				
Diphenylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Fluoranthene	NA	2.5	1.3	0.44
Fluorene	NA	0.12 J	ND(0.40)	ND(0.36)
Hexachlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
Hexachlorobutadiene	NA	ND(0.39)	ND(0.40)	ND(0.36)
Hexachlorocyclopentadiene	NA	ND(1.9)	ND(2.0)	ND(1.7)
Hexachloroethane	NA	ND(0.39)	ND(0.40)	ND(0.36)
Hexachlorophene	NA	ND(7.8)	ND(8.2)	ND(7.3)
Hexachloropropene	NA	ND(3.9)	ND(4.0)	ND(3.6)
Indeno(1,2,3-cd)pyrene	NA	0.41	0.44	0.099 J
Isodrin	NA	ND(0.39)	ND(0.40)	ND(0.36)
Isophorone	NA	ND(0.39)	ND(0.40)	ND(0.36)
Isosafrole	NA	ND(0.77)	ND(0.81)	ND(0.72)
Methapyrilene	NA	ND(1.9)	ND(2.0)	ND(1.7)
Methyl Methanesulfonate	NA	ND(0.39)	ND(0.40)	ND(0.36)
Naphthalene	NA	0.11 J	0.076 J	ND(0.36)
Nitrobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosodiethylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosodimethylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitroso-di-n-butylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitroso-di-n-propylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosodiphenylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosomethylethylamine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosomorpholine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosopiperidine	NA	ND(0.39)	ND(0.40)	ND(0.36)
N-Nitrosopyrrolidine	NA	ND(0.39)	ND(0.40)	ND(0.36)
o,o,o-Triethylphosphorothioate	NA	ND(1.9)	ND(2.0)	ND(1.7)
o-Toluidine	NA	ND(0.77)	ND(0.81)	ND(0.72)
Paraldehyde	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.77)	ND(0.81)	ND(0.72)
Pentachlorobenzene	NA	ND(0.39)	ND(0.40)	ND(0.36)
Pentachloroethane	NA	ND(1.9)	ND(2.0)	ND(1.7)
Pentachloronitrobenzene	NA	ND(1.9)	ND(2.0)	ND(1.7)
Pentachlorophenol	NA	ND(1.9)	ND(2.0)	ND(1.7)
Phenacetin	NA	ND(0.77)	ND(0.81)	ND(0.72)
Phenanthrene	NA	1.4	0.42	0.19 J
Phenol	NA	ND(0.39)	ND(0.40)	ND(0.36)
Pronamide	NA	ND(0.77)	ND(0.81)	ND(0.72)
Pyrene	NA	1.7	1.1	0.25 J
Pyridine	NA	ND(0.77)	ND(0.81)	ND(0.72)
Safrole	NA	ND(0.77)	ND(0.81)	ND(0.72)
Thionazin	NA	ND(1.9)	ND(2.0)	ND(1.7)
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Herbicides				
Dinoseb	NA	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample ID:	RAA15-G2	RAA15-H2	RAA15-J2	RAA15-J2
Sample Depth(Feet):	4-6	0-1	0-1	1-3
Parameter Date Collected:	03/07/03	03/05/03	03/05/03	03/05/03
Furans				
2,3,7,8-TCDF	NA	ND(0.000017) XJ	0.000011 J	0.0000086 J
TCDFs (total)	NA	ND(0.00025) X	ND(0.00090) X	ND(0.00015) X
1,2,3,7,8-PeCDF	NA	0.0000078	ND(0.0000033) X	0.0000025 J
2,3,4,7,8-PeCDF	NA	ND(0.000010) X	0.0000084	0.0000030 J
PeCDFs (total)	NA	ND(0.00052) X	ND(0.0015) X	ND(0.00030) X
1,2,3,4,7,8-HxCDF	NA	0.000016	0.0000088	0.0000046 J
1,2,3,6,7,8-HxCDF	NA	ND(0.000041) X	ND(0.00018) X	ND(0.000037) X
1,2,3,7,8,9-HxCDF	NA	0.00000020 J	0.00000056 J	0.00000020 J
2,3,4,6,7,8-HxCDF	NA	0.00000020 J	0.0000067	0.0000019 J
HxCDFs (total)	NA	ND(0.00037) X	ND(0.00074) X	ND(0.00017) X
1,2,3,4,6,7,8-HpCDF	NA	0.000034	0.000024	0.0000076
1,2,3,4,7,8,9-HpCDF	NA	0.0000047 J	0.0000038 J	0.0000015 J
HpCDFs (total)	NA	0.000087	0.000063	ND(0.000019) X
OCDF	NA	0.000044	0.000024	0.0000063 J
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000026)	ND(0.00000031)	ND(0.00000026)
TCDDs (total)	NA	ND(0.0000032) X	ND(0.0000022) X	0.00000051 J
1,2,3,7,8-PeCDD	NA	ND(0.0000010) X	ND(0.0000011) X	ND(0.00000033) X
PeCDDs (total)	NA	ND(0.0000091) X	ND(0.000012) X	ND(0.0000025) X
1,2,3,4,7,8-HxCDD	NA	0.0000013 J	0.0000011 J	0.00000022 J
1,2,3,6,7,8-HxCDD	NA	0.0000040 J	0.0000028 J	ND(0.00000052) X
1,2,3,7,8,9-HxCDD	NA	0.00000020 J	0.0000020 J	ND(0.00000025) X
HxCDDs (total)	NA	ND(0.000036) X	ND(0.000029) X	ND(0.0000056) X
1,2,3,4,6,7,8-HpCDD	NA	0.000096	0.000023	0.0000034 J
HpCDDs (total)	NA	0.00031	0.000048	0.0000064 J
OCDD	NA	0.00077	0.00015	0.000022
Total TEQs (WHO TEFs)	NA	0.000010	0.000018	0.0000055
Inorganics				
Aluminum	NA	NA	NA	NA
Antimony	NA	0.560 J	ND(7.30) J	ND(6.50) J
Arsenic	NA	4.30	3.80	2.20
Barium	NA	40.5	31.6	18.8 B
Beryllium	NA	0.280 B	0.230 B	0.260 B
Cadmium	NA	0.210 B	0.230 B	ND(0.540)
Calcium	NA	NA	NA	NA
Chromium	NA	7.90	7.40	7.70
Cobalt	NA	5.40 B	5.00 B	4.40 B
Copper	NA	58.7	32.6	11.1
Cyanide	NA	ND(0.240)	ND(0.610)	ND(0.540)
Iron	NA	NA	NA	NA
Lead	NA	72.5	76.8	14.5
Magnesium	NA	NA	NA	NA
Manganese	NA	NA	NA	NA
Mercury	NA	0.120 J	0.0800 J	0.0570 J
Nickel	NA	12.2	10.9	9.50
Potassium	NA	NA	NA	NA
Selenium	NA	ND(0.580)	ND(0.610)	ND(0.540)
Silver	NA	ND(1.20)	ND(1.20)	ND(1.10)
Sodium	NA	NA	NA	NA
Sulfide	NA	ND(11.7)	ND(12.2)	ND(10.8)
Thallium	NA	ND(1.20) J	ND(1.20) J	ND(1.10) J
Tin	NA	ND(5.80)	ND(5.30)	ND(4.10)
Vanadium	NA	13.6	9.20	7.40
Zinc	NA	109	79.1	38.6

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample Depth(Feet):	10-12	10-15	0-1	0-1
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0065)	NA	NA	ND(0.0070)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0065)	NA	NA	ND(0.0070)
1,1,2,2-Tetrachloroethane	ND(0.0065)	NA	NA	ND(0.0070)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0065)	NA	NA	ND(0.0070)
1,1-Dichloroethane	ND(0.0065)	NA	NA	ND(0.0070)
1,1-Dichloroethene	ND(0.0065)	NA	NA	ND(0.0070)
1,2,3-Trichloropropane	ND(0.0065)	NA	NA	ND(0.0070)
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0065)	NA	NA	ND(0.0070)
1,2-Dibromoethane	ND(0.0065)	NA	NA	ND(0.0070)
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0065)	NA	NA	ND(0.0070)
1,2-Dichloroethene (total)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0065)	NA	NA	ND(0.0070)
1,3-Dichlorobenzene	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA
1,4-Dioxane	ND(1.3) J	NA	NA	ND(1.4) J
2-Butanone	ND(0.0065) J	NA	NA	ND(0.0070) J
2-Chloro-1,3-butadiene	ND(0.0065) J	NA	NA	ND(0.0070) J
2-Chloroethylvinylether	ND(0.013) J	NA	NA	ND(0.014) J
2-Hexanone	ND(0.026)	NA	NA	ND(0.028)
3-Chloropropene	ND(0.0065)	NA	NA	ND(0.0070)
4-Methyl-2-pentanone	ND(0.026)	NA	NA	ND(0.028)
Acetone	ND(0.026) J	NA	NA	ND(0.028) J
Acetonitrile	ND(0.13)	NA	NA	ND(0.14)
Acrolein	ND(0.13) J	NA	NA	ND(0.14) J
Acrylonitrile	ND(0.13) J	NA	NA	ND(0.14) J
Benzene	ND(0.0065)	NA	NA	ND(0.0070)
Bromodichloromethane	ND(0.0065)	NA	NA	ND(0.0070)
Bromoform	ND(0.0065)	NA	NA	ND(0.0070)
Bromomethane	ND(0.0065)	NA	NA	ND(0.0070)
Carbon Disulfide	ND(0.0065)	NA	NA	ND(0.0070)
Carbon Tetrachloride	ND(0.0065)	NA	NA	ND(0.0070)
Chlorobenzene	ND(0.0065)	NA	NA	ND(0.0070)
Chloroethane	ND(0.013)	NA	NA	ND(0.014)
Chloroform	ND(0.0065)	NA	NA	ND(0.0070)
Chloromethane	ND(0.0065)	NA	NA	ND(0.0070)
cis-1,2-Dichloroethene	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0065)	NA	NA	ND(0.0070)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA
Dibromochloromethane	ND(0.0065)	NA	NA	ND(0.0070)
Dibromomethane	ND(0.0065)	NA	NA	ND(0.0070)
Dichlorodifluoromethane	ND(0.0065)	NA	NA	ND(0.0070)
Ethyl Methacrylate	ND(0.0065) J	NA	NA	ND(0.0070) J
Ethylbenzene	ND(0.0065)	NA	NA	ND(0.0070)
Freon 12	NA	NA	NA	NA
Iodomethane	ND(0.0065)	NA	NA	ND(0.0070)
Isobutanol	ND(0.26) J	NA	NA	ND(0.28) J
m&p-Xylene	NA	NA	NA	NA
Methacrylonitrile	ND(0.0065)	NA	NA	ND(0.0070)
Methyl Methacrylate	ND(0.0065)	NA	NA	ND(0.0070)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample Depth(Feet):	10-12	10-15	0-1	0-1
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Volatile Organics (continued)				
Methyl tert-butyl ether	NA	NA	NA	NA
Methylene Chloride	0.0018 J	NA	NA	0.0017 J
Naphthalene	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA
Propionitrile	ND(0.013)	NA	NA	ND(0.014)
Styrene	ND(0.0065)	NA	NA	ND(0.0070)
Tetrachloroethene	ND(0.0065)	NA	NA	ND(0.0070)
Toluene	ND(0.0065)	NA	NA	ND(0.0070)
trans-1,2-Dichloroethene	ND(0.0065)	NA	NA	ND(0.0070)
trans-1,3-Dichloropropene	ND(0.0065)	NA	NA	ND(0.0070)
trans-1,4-Dichloro-2-butene	ND(0.0065)	NA	NA	ND(0.0070)
Trichloroethene	ND(0.0065)	NA	NA	ND(0.0070)
Trichlorofluoromethane	ND(0.0065)	NA	NA	ND(0.0070)
Vinyl Acetate	ND(0.0065)	NA	NA	ND(0.0070)
Vinyl Chloride	ND(0.013)	NA	NA	ND(0.014)
Xylenes (total)	ND(0.0065)	NA	NA	ND(0.0070)
Semivolatile Organics				
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.42)	NA	ND(0.43)
1,2,4-Trichlorobenzene	NA	ND(0.42)	NA	ND(0.43)
1,2-Dichlorobenzene	NA	ND(0.42)	NA	ND(0.43)
1,2-Diphenylhydrazine	NA	ND(0.42)	NA	ND(0.43)
1,3,5-Trichlorobenzene	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(2.1)	NA	ND(2.1)
1,3-Dichlorobenzene	NA	ND(0.42)	NA	ND(0.43)
1,3-Dinitrobenzene	NA	ND(0.42)	NA	ND(0.43)
1,4-Dichlorobenzene	NA	ND(0.42)	NA	ND(0.43)
1,4-Dinitrobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(2.1)	NA	ND(2.1)
1-Chloronaphthalene	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.42)	NA	ND(0.43)
2,3,4,6-Tetrachlorophenol	NA	ND(0.42)	NA	ND(0.43)
2,4,5-Trichlorophenol	NA	ND(0.42)	NA	ND(0.43)
2,4,6-Trichlorophenol	NA	ND(0.42)	NA	ND(0.43)
2,4-Dichlorophenol	NA	ND(0.42)	NA	ND(0.43)
2,4-Dimethylphenol	NA	ND(0.42)	NA	ND(0.43)
2,4-Dinitrophenol	NA	ND(2.1)	NA	ND(2.1)
2,4-Dinitrotoluene	NA	ND(0.42)	NA	ND(0.43)
2,6-Dichlorophenol	NA	ND(0.42)	NA	ND(0.43)
2,6-Dinitrotoluene	NA	ND(0.42)	NA	ND(0.43)
2-Acetylaminofluorene	NA	ND(0.85)	NA	ND(0.87)
2-Chloronaphthalene	NA	ND(0.42)	NA	ND(0.43)
2-Chlorophenol	NA	ND(0.42)	NA	ND(0.43)
2-Methylnaphthalene	NA	ND(0.42)	NA	ND(0.43)
2-Methylphenol	NA	ND(0.42)	NA	ND(0.43)
2-Naphthylamine	NA	ND(0.42)	NA	ND(0.43)
2-Nitroaniline	NA	ND(2.1)	NA	ND(2.1)
2-Nitrophenol	NA	ND(0.42)	NA	ND(0.43)
2-Phenylenediamine	NA	NA	NA	NA
2-Picoline	NA	ND(0.85)	NA	ND(0.87)
3&4-Methylphenol	NA	ND(0.85)	NA	ND(0.87)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample Depth(Feet):	10-12	10-15	0-1	0-1
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)				
3,3'-Dichlorobenzidine	NA	ND(2.1)	NA	ND(2.1)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(2.1)	NA	ND(2.1)
3-Methylcholanthrene	NA	ND(2.1)	NA	ND(2.1)
3-Nitroaniline	NA	ND(2.1)	NA	ND(2.1)
3-Phenylenediamine	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(2.1)	NA	ND(2.1)
4-Aminobiphenyl	NA	ND(2.1)	NA	ND(2.1)
4-Bromophenyl-phenylether	NA	ND(0.42)	NA	ND(0.43)
4-Chloro-3-Methylphenol	NA	ND(0.42)	NA	ND(0.43)
4-Chloroaniline	NA	ND(0.42)	NA	ND(0.43)
4-Chlorobenzilate	NA	ND(0.42)	NA	ND(0.43)
4-Chlorophenyl-phenylether	NA	ND(0.42)	NA	ND(0.43)
4-Nitroaniline	NA	ND(2.1)	NA	ND(2.1)
4-Nitrophenol	NA	ND(2.1)	NA	ND(2.1)
4-Nitroquinoline-1-oxide	NA	ND(4.2)	NA	ND(4.3)
4-Phenylenediamine	NA	ND(8.5)	NA	ND(8.7)
5-Nitro-o-toluidine	NA	ND(0.85)	NA	ND(0.87)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.85)	NA	ND(0.87)
a,a'-Dimethylphenethylamine	NA	ND(2.1)	NA	ND(2.1)
Acenaphthene	NA	ND(0.42)	NA	ND(0.43)
Acenaphthylene	NA	ND(0.42)	NA	0.037 J
Acetophenone	NA	ND(0.42)	NA	ND(0.43)
Aniline	NA	ND(0.42)	NA	ND(0.43)
Anthracene	NA	ND(0.42)	NA	ND(0.43)
Aramite	NA	ND(2.1)	NA	ND(2.1)
Azobenzene	NA	NA	NA	NA
Benzal chloride	NA	NA	NA	NA
Benzidine	NA	ND(4.2)	NA	ND(4.3)
Benzo(a)anthracene	NA	ND(0.42)	NA	0.17 J
Benzo(a)pyrene	NA	ND(0.42)	NA	0.19 J
Benzo(b)fluoranthene	NA	ND(0.42)	NA	0.20 J
Benzo(g,h,i)perylene	NA	ND(0.42)	NA	ND(0.43)
Benzo(k)fluoranthene	NA	ND(0.42)	NA	0.20 J
Benzoic Acid	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.42)	NA	ND(0.43)
Benzyl Chloride	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.42)	NA	ND(0.43)
bis(2-Chloroethyl)ether	NA	ND(0.42)	NA	ND(0.43)
bis(2-Chloroisopropyl)ether	NA	ND(0.42)	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate	NA	ND(0.42)	NA	ND(0.43)
Butylbenzylphthalate	NA	ND(0.42)	NA	ND(0.43)
Chrysene	NA	ND(0.42)	NA	0.21 J
Cyclophosphamide	NA	NA	NA	NA
Diallate	NA	ND(0.85)	NA	ND(0.87)
Dibenz(a,j)acridine	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.42)	NA	ND(0.43)
Dibenzofuran	NA	ND(0.42)	NA	ND(0.43)
Diethylphthalate	NA	ND(0.42)	NA	ND(0.43)
Dimethylphthalate	NA	ND(0.42)	NA	ND(0.43)
Di-n-Butylphthalate	NA	ND(0.42)	NA	ND(0.43)
Di-n-Octylphthalate	NA	ND(0.42)	NA	ND(0.43)

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample Depth(Feet):	10-12	10-15	0-1	0-1
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)				
Diphenylamine	NA	ND(0.42)	NA	ND(0.43)
Ethyl Methacrylate	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.42)	NA	ND(0.43)
Fluoranthene	NA	ND(0.42)	NA	0.43
Fluorene	NA	ND(0.42)	NA	ND(0.43)
Hexachlorobenzene	NA	ND(0.42)	NA	ND(0.43)
Hexachlorobutadiene	NA	ND(0.42)	NA	ND(0.43)
Hexachlorocyclopentadiene	NA	ND(2.1)	NA	ND(2.1)
Hexachloroethane	NA	ND(0.42)	NA	ND(0.43)
Hexachlorophene	NA	ND(8.6)	NA	ND(8.8)
Hexachloropropene	NA	ND(4.2)	NA	ND(4.3)
Indeno(1,2,3-cd)pyrene	NA	ND(0.42)	NA	0.073 J
Isodrin	NA	ND(0.42)	NA	ND(0.43)
Isophorone	NA	ND(0.42)	NA	ND(0.43)
Isosafrole	NA	ND(0.85)	NA	ND(0.87)
Methapyrilene	NA	ND(2.1)	NA	ND(2.1)
Methyl Methanesulfonate	NA	ND(0.42)	NA	ND(0.43)
Naphthalene	NA	ND(0.42)	NA	ND(0.43)
Nitrobenzene	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosodiethylamine	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosodimethylamine	NA	ND(0.42)	NA	ND(0.43)
N-Nitroso-di-n-butylamine	NA	ND(0.42)	NA	ND(0.43)
N-Nitroso-di-n-propylamine	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosodiphenylamine	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosomethylethylamine	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosomorpholine	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosopiperidine	NA	ND(0.42)	NA	ND(0.43)
N-Nitrosopyrrolidine	NA	ND(0.42)	NA	ND(0.43)
o,o,o-Triethylphosphorothioate	NA	ND(2.1)	NA	ND(2.1)
o-Toluidine	NA	ND(0.85)	NA	ND(0.87)
Paraldehyde	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.85)	NA	ND(0.87)
Pentachlorobenzene	NA	ND(0.42)	NA	ND(0.43)
Pentachloroethane	NA	ND(2.1)	NA	ND(2.1)
Pentachloronitrobenzene	NA	ND(2.1)	NA	ND(2.1)
Pentachlorophenol	NA	ND(2.1)	NA	ND(2.1)
Phenacetin	NA	ND(0.85)	NA	ND(0.87)
Phenanthrene	NA	ND(0.42)	NA	0.18 J
Phenol	NA	ND(0.42)	NA	ND(0.43)
Pronamide	NA	ND(0.85)	NA	ND(0.87)
Pyrene	NA	ND(0.42)	NA	0.27 J
Pyridine	NA	ND(0.85)	NA	ND(0.87)
Safrole	NA	ND(0.85)	NA	ND(0.87)
Thionazin	NA	ND(2.1)	NA	ND(2.1)
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Herbicides				
Dinoseb	NA	NA	NA	NA

TABLE E-70
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample ID:	RAA15-J2	RAA15-J2	RAA15-J4S	RAA15-L3
Sample Depth(Feet):	10-12	10-15	0-1	0-1
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Furans				
2,3,7,8-TCDF	NA	ND(0.00000021)	ND(0.000021)X	ND(0.0000033) X
TCDFs (total)	NA	ND(0.00000033) X	ND(0.0023) X	ND(0.000046) X
1,2,3,7,8-PeCDF	NA	ND(0.00000013)	0.0000067	0.0000011 J
2,3,4,7,8-PeCDF	NA	ND(0.00000012)	0.000018	0.0000015 J
PeCDFs (total)	NA	ND(0.0000013) X	ND(0.0029) X	ND(0.000062) X
1,2,3,4,7,8-HxCDF	NA	ND(0.000000070) X	0.000016	ND(0.0000020) X
1,2,3,6,7,8-HxCDF	NA	ND(0.00000029) X	ND(0.00016) X	ND(0.0000079) X
1,2,3,7,8,9-HxCDF	NA	ND(0.000000086)	ND(0.00000081) X	0.00000026 J
2,3,4,6,7,8-HxCDF	NA	ND(0.000000078)	0.000015	ND(0.0000011) X
HxCDFs (total)	NA	ND(0.0000012) X	ND(0.0010) X	ND(0.000075) X
1,2,3,4,6,7,8-HpCDF	NA	0.00000021 J	0.000029	0.000055
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000013)	0.0000042 J	0.0000016 J
HpCDFs (total)	NA	0.00000021 J	0.000069	0.00011
OCDF	NA	ND(0.00000019)	0.000015	0.000049
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000026)	ND(0.00000026)	ND(0.00000029)
TCDDs (total)	NA	ND(0.00000026)	ND(0.0000044) X	ND(0.0000011) X
1,2,3,7,8-PeCDD	NA	ND(0.00000012)	0.0000022 J	ND(0.00000033) X
PeCDDs (total)	NA	ND(0.00000012)	ND(0.000032) X	ND(0.0000022) X
1,2,3,4,7,8-HxCDD	NA	ND(0.00000012)	0.0000026 J	ND(0.00000040) X
1,2,3,6,7,8-HxCDD	NA	ND(0.00000012)	0.000011	0.0000022 J
1,2,3,7,8,9-HxCDD	NA	ND(0.00000012)	0.0000070	0.0000015 J
HxCDDs (total)	NA	ND(0.00000012)	ND(0.00012) X	ND(0.000019) X
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000016)	0.000041	0.000049
HpCDDs (total)	NA	ND(0.00000016)	0.00014	0.000089
OCDD	NA	ND(0.00000092) X	0.00012	0.00050
Total TEQs (WHO TEFs)	NA	0.00000028	0.000027	0.0000034
Inorganics				
Aluminum	NA	NA	NA	NA
Antimony	NA	ND(7.70) J	NA	ND(7.90) J
Arsenic	NA	1.40	NA	2.40
Barium	NA	20.6 B	NA	27.7
Beryllium	NA	0.280 B	NA	0.280 B
Cadmium	NA	ND(0.640)	NA	ND(0.660)
Calcium	NA	NA	NA	NA
Chromium	NA	6.30	NA	10.1
Cobalt	NA	4.70 B	NA	5.90 B
Copper	NA	5.7	NA	12.7
Cyanide	NA	ND(0.640)	NA	ND(0.290)
Iron	NA	NA	NA	NA
Lead	NA	3.20	NA	15.2
Magnesium	NA	NA	NA	NA
Manganese	NA	NA	NA	NA
Mercury	NA	0.0310 J	NA	0.0330 J
Nickel	NA	8.70	NA	11.3
Potassium	NA	NA	NA	NA
Selenium	NA	ND(0.640)	NA	ND(0.660)
Silver	NA	ND(1.30)	NA	ND(1.30)
Sodium	NA	NA	NA	NA
Sulfide	NA	ND(12.8)	NA	ND(13.1)
Thallium	NA	ND(1.30) J	NA	ND(1.30) J
Tin	NA	ND(3.90)	NA	ND(4.70)
Vanadium	NA	7.60	NA	10.3
Zinc	NA	35.6	NA	56.2

Notes:
1. Laboratory qualifiers are defined in Tables C-2, C-4 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-71
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA R1

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
1,1,2-trichloro-1,2,2-trifluoroethane	0.003	5,600	No
Acetone	0.059	1,400	No
Methylene Chloride	0.087	8.5	No
Toluene	0.004	520	No
Trichloroethene	0.001	2.7	No
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	0.11	16*	No
2-Methylnaphthalene	0.08	55*	No
Acenaphthene	0.11	2,600	No
Acenaphthylene	0.56	55*	No
Anthracene	0.53	14,000	No
Benzo(a)anthracene	1.5	0.56	**Yes**
Benzo(a)pyrene	1.5	0.056	**Yes**
Benzo(b)fluoranthene	3.2	0.56	**Yes**
Benzo(g,h,i)perylene	0.97	55	No
Benzo(k)fluoranthene	3.2	5.6	No
bis(2-Ethylhexyl)phthalate	0.42	32	No
Chrysene	2.2	56	No
Dibenzo(a,h)anthracene	0.33	0.056	**Yes**
Dibenzofuran	0.082	210	No
Di-n-Butylphthalate	0.15	5,500	No
Fluoranthene	3.1	2,000	No
Fluorene	0.14	1,800	No
Indeno(1,2,3-cd)pyrene	1.1	0.56	**Yes**
Naphthalene	0.15	55	No
Phenanthrene	2.1	55	No
Pyrene	2.8	1,500	No
Inorganics			
Aluminum	10,100	75,000	No
Antimony	11.1	30	No
Arsenic	9.5	0.38	**Yes**
Barium	66.8	5,200	No
Beryllium	0.55	150	No
Cadmium	0.23	37	No
Chromium	17.8	210	No
Cobalt	14.8	3,300	No
Copper	61.2	2,800	No
Cyanide	0.25	11*	No
Lead	195	400	No
Manganese	987	3,100	No
Mercury	1.3	22	No
Nickel	27.9	1500	No
Selenium	0.97	370	No
Thallium	0.64	6	No
Vanadium	27.3	520	No
Zinc	266	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-72
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ4S 0-0.3 12/10/91	OX-J-SS2 0-0.3 09/16/94	OX-J-SS3 0-0.3 09/16/94	OX-J-SS4 0-0.3 09/16/94	OX-J-SS5 0-0.3 09/16/94
Semivolatile Organics					
Benzo(a)anthracene	1.5	--	--	--	--
Benzo(a)pyrene	1.5	--	--	--	--
Benzo(b)fluoranthene	3.2	--	--	--	--
Dibenzo(a,h)anthracene	**0.60**	--	--	--	--
Indeno(1,2,3-cd)pyrene	**0.60**	--	--	--	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	0.000021	0.000021	0.000049	*0.0000073*
Inorganics					
Arsenic	9.50	--	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	OX-J-SS6 0-0.3 09/16/94	RAA15-E1 0-1 03/10/03	RAA15-H2 0-1 03/05/03	RAA15-J2 0-1 03/05/03	RAA15-J4S 0-1 03/05/03
Semivolatile Organics					
Benzo(a)anthracene	--	0.095	1.0	0.72	--
Benzo(a)pyrene	--	0.12	1.3	1.1	--
Benzo(b)fluoranthene	--	0.12	1.2	1.1	--
Dibenzo(a,h)anthracene	--	**0.36**	0.15	0.14	--
Indeno(1,2,3-cd)pyrene	--	**0.36**	0.41	0.44	--
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000086	0.0000015	0.000010	0.000018	0.000027
Inorganics					
Arsenic	--	2.90	4.30	3.80	--

See notes on page 2.

TABLE E-72
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R1 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-L3 0-1 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)anthracene	0.17	N/A (See Note 5)	0.70	0.7	No
Benzo(a)pyrene	0.19	N/A (See Note 5)	0.84	0.7	**Yes**
Benzo(b)fluoranthene	0.20	N/A (See Note 5)	1.16	0.7	**Yes**
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 5)	0.29	0.7	No
Indeno(1,2,3-cd)pyrene	0.073	N/A (See Note 5)	0.38	0.7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000034	4.90E-05	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	2.40	N/A (See Note 5)	4.58	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
7. -- = Constituent not subject to analysis.

TABLE E-73
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ4S 0-0.3 12/10/91	OX-J-SS2 0-0.3 09/16/94	OX-J-SS3 0-0.3 09/16/94	OX-J-SS4 0-0.3 09/16/94	OX-J-SS5 0-0.3 09/16/94	OX-J-SS6 0-0.3 09/16/94
Semivolatile Organics						
Benzo(a)anthracene	1.5	--	--	--	--	--
Benzo(a)pyrene	1.5	--	--	--	--	--
Benzo(b)fluoranthene	3.2	--	--	--	--	--
Dibenzo(a,h)anthracene	**0.60**	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	**0.60**	--	--	--	--	--
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	0.000021	0.000021	0.000049	*0.0000073*	0.0000086
Inorganics						
Arsenic	9.50	--	--	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-J4S 0-1 03/05/03	RAA15-E1 0-1 03/10/03	RAA15-H2 0-1 03/05/03	RAA15-J2 0-1 03/05/03	RAA15-L3 0-1 03/05/03	RAA15-J2 1-3 03/05/03
Semivolatile Organics						
Benzo(a)anthracene	--	0.095	1.0	0.72	0.17	0.18
Benzo(a)pyrene	--	0.12	1.3	1.1	0.19	0.20
Benzo(b)fluoranthene	--	0.12	1.2	1.1	0.20	0.21
Dibenzo(a,h)anthracene	--	**0.36**	0.15	0.14	**0.22**	**0.18**
Indeno(1,2,3-cd)pyrene	--	**0.36**	0.41	0.44	0.073	0.099
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000027	0.0000015	0.000010	0.000018	0.0000034	0.0000055
Inorganics						
Arsenic	--	2.90	4.30	3.80	2.40	2.20

See notes on page 2.

TABLE E-73
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R1 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.61	0.7	No
Benzo(a)pyrene	N/A (See Note 5)	0.74	0.7	**Yes**
Benzo(b)fluoranthene	N/A (See Note 5)	1.01	0.7	**Yes**
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.28	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.33	0.7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	4.90E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	4.18	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs concentrations in italics represent the maximum value for the sample location/depth increment in question.
7. -- = Constituent not subject to analysis.

TABLE E-74
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	ROJ4S 0-0.3 12/10/91	OX-J-SS2 0-0.3 09/16/94	OX-J-SS3 0-0.3 09/16/94	OX-J-SS4 0-0.3 09/16/94	OX-J-SS5 0-0.3 09/16/94	OX-J-SS6 0-0.3 09/16/94	RAA15-E1 0-1 03/10/03
Semivolatile Organics							
Benzo(a)anthracene	1.5	--	--	--	--	--	0.095
Benzo(a)pyrene	1.5	--	--	--	--	--	0.12
Benzo(b)fluoranthene	3.2	--	--	--	--	--	0.12
Dibenzo(a,h)anthracene	**0.60**	--	--	--	--	--	**0.36**
Indeno(1,2,3-cd)pyrene	**0.60**	--	--	--	--	--	**0.36**
Dioxins/Furans							
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6
Inorganics							
Arsenic	9.50	--	--	--	--	--	2.90

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-H2 0-1 03/05/03	RAA15-J2 0-1 03/05/03	RAA15-J4S 0-1 03/05/03	RAA15-L3 0-1 03/05/03	RAA15-J2 1-3 03/05/03	RAA15-E1 3-6 03/10/03	RAA15-G2 3-6 03/07/03
Semivolatile Organics							
Benzo(a)anthracene	1.0	0.72	--	0.17	0.18	0.21	1.5
Benzo(a)pyrene	1.3	1.1	--	0.19	0.20	0.16	1.3
Benzo(b)fluoranthene	1.2	1.1	--	0.20	0.21	0.13	1.2
Dibenzo(a,h)anthracene	0.15	0.14	--	**0.22**	**0.18**	**0.20**	0.33
Indeno(1,2,3-cd)pyrene	0.41	0.44	--	0.073	0.099	0.057	1.1
Dioxins/Furans							
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	See Note 6	0.00000031	0.000051
Inorganics							
Arsenic	4.30	3.80	--	2.40	2.20	4.50	6.60

See notes on page 2.

TABLE E-74
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	BH000937 / 6-10 / 03/10/03	FP-1 / 8-12 / 10/05/89	RAA15-J2 / 10-15 / 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)anthracene	**0.19**	**1.0**	**0.21**	N/A (See Note 5)	0.62	1	No
Benzo(a)pyrene	**0.19**	**1.0**	**0.21**	N/A (See Note 5)	0.66	0.7	No
Benzo(b)fluoranthene	**0.19**	**1.0**	**0.21**	N/A (See Note 5)	0.80	1	No
Dibenzo(a,h)anthracene	**0.19**	**1.0**	**0.21**	N/A (See Note 5)	0.33	0.7	No
Indeno(1,2,3-cd)pyrene	**0.19**	**1.0**	**0.21**	N/A (See Note 5)	0.41	1	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	--	--	0.00000028	5.10E-05	N/A (See Note 5)	2.00E-02	No
Inorganics							
Arsenic	4.40	--	1.40	N/A (See Note 5)	4.20	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs (WHO TEFs) were evaluated for the 3- to 15-foot depth increment only.
7. -- = Constituent not subject to analysis.

TABLE E-75
EXISTING CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
RECREATIONAL AREA R1 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	0.62	100	No
Benzo(a)pyrene	0.66	100	No
Benzo(b)fluoranthene	0.80	100	No
Dibenzo(a,h)anthracene	0.33	100	No
Indeno(1,2,3-cd)pyrene	0.41	100	No
Inorganics			
Arsenic	4.20	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Recreational Area R2

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TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	0-1	0-1	1-3	3-6	4-6
Parameter / Date Collected:	03/06/03	05/05/04	03/06/03	03/06/03	03/06/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,1,1-Trichloroethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,1,2-Trichloroethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,1-Dichloroethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,1-Dichloroethene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,2-Dibromoethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,2-Dichloroethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,2-Dichloropropane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
1,4-Dioxane	ND(1.5) J	NA	ND(1.2) J	NA	ND(1.1) J
2-Butanone	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
2-Chloro-1,3-butadiene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
2-Chloroethylvinylether	ND(0.015) J	NA	ND(0.012) J	NA	ND(0.011) J
2-Hexanone	ND(0.031)	NA	ND(0.023)	NA	ND(0.021)
3-Chloropropene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
4-Methyl-2-pentanone	ND(0.031)	NA	ND(0.023)	NA	ND(0.021)
Acetone	ND(0.031) J	NA	ND(0.023) J	NA	ND(0.021) J
Acetonitrile	ND(0.15)	NA	ND(0.12)	NA	ND(0.11)
Acrolein	ND(0.15) J	NA	ND(0.12) J	NA	ND(0.11) J
Acrylonitrile	ND(0.15)	NA	ND(0.12)	NA	ND(0.11)
Benzene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Bromodichloromethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Bromoform	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Bromomethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Carbon Disulfide	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Carbon Tetrachloride	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Chlorobenzene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Chloroethane	ND(0.015)	NA	ND(0.012)	NA	ND(0.011)
Chloroform	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Chloromethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Dibromochloromethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Dibromomethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Dichlorodifluoromethane	ND(0.0076) J	NA	ND(0.0059) J	NA	ND(0.0053) J
Ethyl Methacrylate	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Ethylbenzene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Iodomethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Isobutanol	ND(0.31) J	NA	ND(0.23) J	NA	ND(0.21) J
Methacrylonitrile	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Methyl Methacrylate	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Methylene Chloride	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Propionitrile	ND(0.015)	NA	ND(0.012)	NA	ND(0.011)
Styrene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Tetrachloroethene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Toluene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Trichloroethene	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Trichlorofluoromethane	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Vinyl Acetate	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)
Vinyl Chloride	ND(0.015)	NA	ND(0.012)	NA	ND(0.011)
Xylenes (total)	ND(0.0076)	NA	ND(0.0059)	NA	ND(0.0053)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	0-1	0-1	1-3	3-6	4-6
Parameter / Date Collected:	03/06/03	05/05/04	03/06/03	03/06/03	03/06/03
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(27)	ND(0.42)	0.69	ND(1.6)	NA
1,2,4-Trichlorobenzene	ND(27)	ND(0.42)	0.040 J	ND(1.6)	NA
1,2-Dichlorobenzene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
1,2-Diphenylhydrazine	ND(27)	ND(0.42) J	ND(0.40)	ND(1.6)	NA
1,3,5-Trinitrobenzene	ND(130)	ND(0.42) J	ND(2.0)	ND(7.7)	NA
1,3-Dichlorobenzene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
1,3-Dinitrobenzene	ND(27)	ND(0.84) J	ND(0.40)	ND(1.6)	NA
1,4-Dichlorobenzene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
1,4-Naphthoquinone	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
1-Naphthylamine	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
2,3,4,6-Tetrachlorophenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2,4,5-Trichlorophenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2,4,6-Trichlorophenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2,4-Dichlorophenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2,4-Dimethylphenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2,4-Dinitrophenol	ND(130)	ND(2.1)	ND(2.0)	ND(7.7)	NA
2,4-Dinitrotoluene	ND(27)	0.86	ND(0.40)	ND(1.6)	NA
2,6-Dichlorophenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2,6-Dinitrotoluene	ND(27)	ND(0.42) J	ND(0.40)	ND(1.6)	NA
2-Acetylaminofluorene	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
2-Chloronaphthalene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2-Chlorophenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2-Methylnaphthalene	ND(27)	ND(0.42)	0.055 J	0.098 J	NA
2-Methylphenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
2-Naphthylamine	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
2-Nitroaniline	ND(130)	ND(2.1) J	ND(2.0)	ND(7.7)	NA
2-Nitrophenol	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
2-Picoline	ND(53)	ND(0.42)	ND(0.81)	ND(3.2)	NA
3&4-Methylphenol	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
3,3'-Dichlorobenzidine	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
3,3'-Dimethylbenzidine	ND(130)	ND(0.42)	ND(2.0)	ND(7.7)	NA
3-Methylcholanthrene	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
3-Nitroaniline	ND(130)	ND(2.1) J	ND(2.0)	ND(7.7)	NA
4,6-Dinitro-2-methylphenol	ND(130)	ND(0.42)	ND(2.0)	ND(7.7)	NA
4-Aminobiphenyl	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
4-Bromophenyl-phenylether	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
4-Chloro-3-Methylphenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
4-Chloroaniline	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
4-Chlorobenzilate	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
4-Chlorophenyl-phenylether	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
4-Nitroaniline	ND(130)	ND(2.1) J	ND(2.0)	ND(7.7)	NA
4-Nitrophenol	ND(130)	ND(2.1) J	ND(2.0)	ND(7.7)	NA
4-Nitroquinoline-1-oxide	ND(270)	ND(0.84) J	ND(4.0)	ND(16)	NA
4-Phenylenediamine	ND(530)	ND(0.84)	ND(8.1)	ND(32)	NA
5-Nitro-o-toluidine	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
7,12-Dimethylbenz(a)anthracene	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
a,a'-Dimethylphenethylamine	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
Acenaphthene	ND(27)	ND(0.42)	0.055 J	ND(1.6)	NA
Acenaphthylene	ND(27)	0.14 J	0.13 J	0.88 J	NA
Acetophenone	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Aniline	ND(27)	0.31 J	ND(0.40)	ND(1.6)	NA
Anthracene	ND(27)	0.42	0.21 J	0.49 J	NA
Aramite	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
Benzidine	ND(270)	ND(0.84) J	ND(4.0)	ND(16)	NA
Benzo(a)anthracene	ND(27)	0.96	0.64	2.1	NA
Benzo(a)pyrene	ND(27)	ND(0.42)	0.65	2.3	NA
Benzo(b)fluoranthene	ND(27)	0.55	0.60	2.2	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	0-1	0-1	1-3	3-6	4-6
Parameter / Date Collected:	03/06/03	05/05/04	03/06/03	03/06/03	03/06/03
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	ND(27)	0.38 J	0.25 J	0.92 J	NA
Benzo(k)fluoranthene	ND(27)	0.68	0.63	2.2	NA
Benzyl Alcohol	ND(27)	ND(0.84) J	ND(0.40)	ND(1.6)	NA
bis(2-Chloroethoxy)methane	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
bis(2-Chloroethyl)ether	ND(27)	ND(0.42) J	ND(0.40)	ND(1.6)	NA
bis(2-Chloroisopropyl)ether	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
bis(2-Ethylhexyl)phthalate	ND(27)	0.27 J	0.11 J	ND(1.6)	NA
Butylbenzylphthalate	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Chrysene	ND(27)	1.1	0.73	2.6	NA
Diallate	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
Dibenzo(a,h)anthracene	ND(27)	0.11 J	0.10 J	0.35 J	NA
Dibenzofuran	ND(27)	0.10 J	0.053 J	ND(1.6)	NA
Diethylphthalate	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Dimethylphthalate	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Di-n-Butylphthalate	ND(27)	0.092 J	ND(0.40)	ND(1.6)	NA
Di-n-Octylphthalate	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Diphenylamine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Ethyl Methanesulfonate	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Fluoranthene	ND(27)	2.7	1.3	4.8	NA
Fluorene	ND(27)	0.20 J	0.072 J	ND(1.6)	NA
Hexachlorobenzene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Hexachlorobutadiene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Hexachlorocyclopentadiene	ND(130)	ND(0.42)	ND(2.0)	ND(7.7)	NA
Hexachloroethane	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Hexachlorophene	ND(540) J	ND(0.84) J	ND(8.2) J	ND(32) J	NA
Hexachloropropene	ND(270)	ND(0.42)	ND(4.0)	ND(16)	NA
Indeno(1,2,3-cd)pyrene	ND(27)	0.34 J	0.31 J	1.2 J	NA
Isodrin	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Isophorone	ND(27)	ND(0.42)	0.28 J	ND(1.6)	NA
Isosafrole	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
Methapyrilene	ND(130)	ND(0.84)	ND(2.0)	ND(7.7)	NA
Methyl Methanesulfonate	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Naphthalene	ND(27)	ND(0.42)	0.065 J	0.12 J	NA
Nitrobenzene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitrosodiethylamine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitrosodimethylamine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitroso-di-n-butylamine	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
N-Nitroso-di-n-propylamine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitrosodiphenylamine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitrosomethylethylamine	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
N-Nitrosomorpholine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitrosopiperidine	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
N-Nitrosopyrrolidine	ND(27)	ND(0.84)	ND(0.40)	ND(1.6)	NA
o,o,o-Triethylphosphorothioate	ND(130)	ND(0.42)	ND(2.0)	ND(7.7)	NA
o-Toluidine	ND(53)	ND(0.42)	ND(0.81)	ND(3.2)	NA
p-Dimethylaminoazobenzene	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
Pentachlorobenzene	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Pentachloroethane	ND(130)	ND(0.42)	ND(2.0)	ND(7.7)	NA
Pentachloronitrobenzene	ND(130)	ND(0.84) J	ND(2.0)	ND(7.7)	NA
Pentachlorophenol	ND(130)	ND(2.1)	ND(2.0)	ND(7.7)	NA
Phenacetin	ND(53)	ND(0.84)	ND(0.81)	ND(3.2)	NA
Phenanthrene	ND(27)	1.9	0.87	2.3	NA
Phenol	ND(27)	ND(0.42)	ND(0.40)	ND(1.6)	NA
Pronamide	ND(53)	ND(0.42)	ND(0.81)	ND(3.2)	NA
Pyrene	ND(27)	2.1	1.0	3.4	NA
Pyridine	ND(53)	ND(0.42)	ND(0.81)	ND(3.2)	NA
Safrole	ND(53)	ND(0.42)	ND(0.81)	ND(3.2)	NA
Thionazin	ND(130)	ND(0.42)	ND(2.0)	ND(7.7)	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample ID:	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6	RAA15-C6
Sample Depth(Feet):	0-1	0-1	1-3	3-6	4-6
Parameter / Date Collected:	03/06/03	05/05/04	03/06/03	03/06/03	03/06/03
Furans					
2,3,7,8-TCDF	ND(0.00018) X	NA	ND(0.000086) X	ND(0.000059) X	NA
TCDFs (total)	ND(0.0012) XQJ	NA	ND(0.00062) XQJ	ND(0.00071) X	NA
1,2,3,7,8-PeCDF	0.00018	NA	0.000065	0.000018	NA
2,3,4,7,8-PeCDF	0.00015	NA	0.000064	0.000023	NA
PeCDFs (total)	ND(0.0017) X	NA	ND(0.00096) X	ND(0.0015) X	NA
1,2,3,4,7,8-HxCDF	0.00039	NA	0.00016	0.000028	NA
1,2,3,6,7,8-HxCDF	ND(0.00020) X	NA	0.000064	ND(0.00022) X	NA
1,2,3,7,8,9-HxCDF	0.000021	NA	0.0000044 J	0.0000013 J	NA
2,3,4,6,7,8-HxCDF	0.000039	NA	0.000022	0.000014	NA
HxCDFs (total)	ND(0.0013) X	NA	ND(0.00072) X	ND(0.0011) X	NA
1,2,3,4,6,7,8-HpCDF	0.00027	NA	0.00012	0.000070	NA
1,2,3,4,7,8,9-HpCDF	0.000092	NA	0.000034	0.0000099	NA
HpCDFs (total)	ND(0.00048) X	NA	ND(0.00022) X	ND(0.00018) X	NA
OCDF	0.00021	NA	0.000087	0.000043	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000079) X	NA	ND(0.00000041) X	ND(0.00000071) X	NA
TCDDs (total)	ND(0.000017) X	NA	ND(0.000011) X	ND(0.000021) X	NA
1,2,3,7,8-PeCDD	ND(0.000014) X	NA	ND(0.0000056) X	ND(0.0000025) X	NA
PeCDDs (total)	ND(0.000055) X	NA	ND(0.000026) X	ND(0.000027) X	NA
1,2,3,4,7,8-HxCDD	0.0000023 J	NA	ND(0.0000012) X	0.0000018 J	NA
1,2,3,6,7,8-HxCDD	0.0000042 J	NA	0.0000028 J	0.0000041 J	NA
1,2,3,7,8,9-HxCDD	ND(0.0000026) XQJ	NA	ND(0.0000022) X	0.0000038 JQ	NA
HxCDDs (total)	ND(0.000093) XQJ	NA	ND(0.000047) X	ND(0.000050) XQJ	NA
1,2,3,4,6,7,8-HpCDD	0.000031	NA	0.000028	0.000029	NA
HpCDDs (total)	0.000065	NA	0.000064	0.000059	NA
OCDD	0.00016 QJ	NA	0.00027 QJ	0.00019	NA
Total TEQs (WHO TEFs)	0.00016	NA	0.000070	0.000034	NA
Inorganics					
Antimony	0.520 B	NA	0.790 B	2.20 B	NA
Arsenic	4.30	NA	7.00	7.20	NA
Barium	79.1	NA	101	125	NA
Beryllium	0.300 B	NA	0.390 B	0.380 B	NA
Cadmium	0.490 B	NA	0.130 B	0.500 B	NA
Chromium	9.70	NA	8.30	12.5	NA
Cobalt	4.90 B	NA	4.40 B	4.90 B	NA
Copper	33.5	NA	38.5	50.6	NA
Cyanide	0.550 B	NA	0.220 B	0.290 B	NA
Lead	188	NA	98.2	220	NA
Mercury	0.700	NA	0.190	2.70	NA
Nickel	10.7	NA	10.3	13.2	NA
Selenium	ND(0.670)	NA	ND(0.610)	ND(0.600)	NA
Silver	ND(1.30)	NA	ND(1.20)	ND(1.20)	NA
Sulfide	ND(13.4)	NA	19.6	ND(12.0)	NA
Thallium	ND(1.30)	NA	ND(1.20)	1.00 B	NA
Tin	ND(7.40)	NA	ND(9.20)	ND(13.0)	NA
Vanadium	14.9	NA	15.6	19.0	NA
Zinc	688	NA	68.7	133	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE
Sample ID:	RAA15-C6	RAA15-C6	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE
Sample Depth(Feet):	6-8	6-10	0-1	1-3	1-3
Parameter / Date Collected:	05/05/04	05/05/04	02/27/03	05/04/04	09/20/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,1,1-Trichloroethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,1,2-Trichloroethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,1-Dichloroethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,1-Dichloroethene	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,2,3-Trichloropropane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,2-Dibromoethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,2-Dichloroethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,2-Dichloropropane	ND(0.0060)	NA	ND(0.0062)	NA	NA
1,4-Dioxane	ND(0.12) J	NA	ND(1.2) J	NA	NA
2-Butanone	ND(0.012)	NA	ND(0.0062) J	NA	NA
2-Chloro-1,3-butadiene	ND(0.0060)	NA	ND(0.0062)	NA	NA
2-Chloroethylvinylether	ND(0.0060)	NA	ND(0.012) J	NA	NA
2-Hexanone	ND(0.012)	NA	ND(0.025)	NA	NA
3-Chloropropene	ND(0.0060)	NA	ND(0.0062)	NA	NA
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.025)	NA	NA
Acetone	ND(0.024)	NA	ND(0.025) J	NA	NA
Acetonitrile	ND(0.12) J	NA	ND(0.12) J	NA	NA
Acrolein	ND(0.12) J	NA	ND(0.12) J	NA	NA
Acrylonitrile	ND(0.0060)	NA	ND(0.12)	NA	NA
Benzene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Bromodichloromethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
Bromoform	ND(0.0060)	NA	ND(0.0062)	NA	NA
Bromomethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
Carbon Disulfide	ND(0.0060)	NA	ND(0.0062)	NA	NA
Carbon Tetrachloride	ND(0.0060)	NA	ND(0.0062)	NA	NA
Chlorobenzene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Chloroethane	ND(0.0060)	NA	ND(0.012) J	NA	NA
Chloroform	ND(0.0060)	NA	ND(0.0062)	NA	NA
Chloromethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
cis-1,3-Dichloropropene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Dibromochloromethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
Dibromomethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
Dichlorodifluoromethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
Ethyl Methacrylate	ND(0.0060)	NA	ND(0.0062)	NA	NA
Ethylbenzene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Iodomethane	ND(0.0060)	NA	ND(0.0062)	NA	NA
Isobutanol	ND(0.12) J	NA	ND(0.25) J	NA	NA
Methacrylonitrile	ND(0.0060)	NA	ND(0.0062)	NA	NA
Methyl Methacrylate	ND(0.0060)	NA	ND(0.0062)	NA	NA
Methylene Chloride	ND(0.0060)	NA	0.0021 J	NA	NA
Propionitrile	ND(0.012) J	NA	ND(0.012)	NA	NA
Styrene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Tetrachloroethene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Toluene	ND(0.0060)	NA	ND(0.0062)	NA	NA
trans-1,2-Dichloroethene	ND(0.0060)	NA	ND(0.0062)	NA	NA
trans-1,3-Dichloropropene	ND(0.0060)	NA	ND(0.0062)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0060)	NA	ND(0.0062)	NA	NA
Trichloroethene	ND(0.0060)	NA	0.0065	NA	NA
Trichlorofluoromethane	ND(0.0060)	NA	ND(0.0062) J	NA	NA
Vinyl Acetate	ND(0.0060)	NA	ND(0.0062)	NA	NA
Vinyl Chloride	ND(0.0060)	NA	ND(0.012)	NA	NA
Xylenes (total)	ND(0.0060)	NA	ND(0.0062)	NA	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE
Sample ID:	RAA15-C6	RAA15-C6	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE
Sample Depth(Feet):	6-8	6-10	0-1	1-3	1-3
Parameter / Date Collected:	05/05/04	05/05/04	02/27/03	05/04/04	09/20/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
1,2,4-Trichlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
1,2-Dichlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
1,2-Diphenylhydrazine	NA	ND(0.40) J	ND(4.3)	ND(0.39) J	ND(0.47)
1,3,5-Trinitrobenzene	NA	ND(0.40) J	ND(21)	ND(0.39)	ND(0.47) J
1,3-Dichlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
1,3-Dinitrobenzene	NA	ND(0.79) J	ND(4.3)	ND(0.78) J	ND(0.94)
1,4-Dichlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
1,4-Naphthoquinone	NA	ND(0.79)	ND(21)	ND(0.78) J	ND(0.94)
1-Naphthylamine	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
2,3,4,6-Tetrachlorophenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,4,5-Trichlorophenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,4,6-Trichlorophenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,4-Dichlorophenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,4-Dimethylphenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,4-Dinitrophenol	NA	ND(2.0)	ND(21)	ND(2.0)	ND(2.4)
2,4-Dinitrotoluene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,6-Dichlorophenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2,6-Dinitrotoluene	NA	ND(0.40) J	ND(4.3)	ND(0.39)	ND(0.47)
2-Acetylaminofluorene	NA	ND(0.79)	ND(8.6)	ND(0.78)	ND(0.94)
2-Chloronaphthalene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2-Chlorophenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2-Methylnaphthalene	NA	ND(0.40)	0.65 J	2.1	ND(0.47)
2-Methylphenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
2-Naphthylamine	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
2-Nitroaniline	NA	ND(2.0) J	ND(21)	ND(2.0) J	ND(2.4)
2-Nitrophenol	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
2-Picoline	NA	ND(0.40)	ND(8.6)	ND(0.39)	ND(0.47)
3&4-Methylphenol	NA	0.57 J	ND(8.6)	ND(0.78)	ND(0.94)
3,3'-Dichlorobenzidine	NA	ND(0.79)	ND(21)	ND(0.78)	ND(0.94)
3,3'-Dimethylbenzidine	NA	ND(0.40)	ND(21)	ND(0.39)	ND(0.47)
3-Methylcholanthrene	NA	ND(0.79)	ND(21)	ND(0.78)	ND(0.94) J
3-Nitroaniline	NA	ND(2.0) J	ND(21)	ND(2.0)	ND(2.4)
4,6-Dinitro-2-methylphenol	NA	ND(0.40)	ND(21)	ND(0.39)	ND(0.47)
4-Aminobiphenyl	NA	ND(0.79)	ND(21)	ND(0.78)	ND(0.94)
4-Bromophenyl-phenylether	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
4-Chloro-3-Methylphenol	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
4-Chloroaniline	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
4-Chlorobenzilate	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
4-Chlorophenyl-phenylether	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
4-Nitroaniline	NA	ND(2.0) J	ND(21)	ND(2.0) J	ND(2.4)
4-Nitrophenol	NA	ND(2.0) J	ND(21)	ND(2.0) J	ND(2.4) J
4-Nitroquinoline-1-oxide	NA	ND(0.79) J	ND(43)	ND(0.78) J	ND(0.94) J
4-Phenylenediamine	NA	ND(0.79)	ND(86)	ND(0.78)	ND(0.94)
5-Nitro-o-toluidine	NA	ND(0.79)	ND(8.6)	ND(0.78)	ND(0.94)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.79)	ND(8.6)	ND(0.78)	ND(0.94)
a,a'-Dimethylphenethylamine	NA	ND(0.79)	ND(21)	ND(0.78) J	ND(0.94) J
Acenaphthene	NA	ND(0.40)	2.1 J	16	0.27 J
Acenaphthylene	NA	0.80	1.4 J	0.56	ND(0.47)
Acetophenone	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Aniline	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Anthracene	NA	0.53	5.8	33	0.57
Aramite	NA	ND(0.79)	ND(21)	ND(0.78)	ND(0.94)
Benzidine	NA	ND(0.79) J	ND(43)	ND(0.78) J	ND(0.94) J
Benzo(a)anthracene	NA	1.4	13	54	0.75
Benzo(a)pyrene	NA	1.0	12	32	0.33 J
Benzo(b)fluoranthene	NA	1.0	12	25	0.20 J

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C6	RAA15-C6	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE
Sample ID:	RAA15-C6	RAA15-C6	RAA15-E7	RAA15-E7(B)	RAA15-E7BSE
Sample Depth(Feet):	6-8	6-10	0-1	1-3	1-3
Parameter / Date Collected:	05/05/04	05/05/04	02/27/03	05/04/04	09/20/04
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	NA	0.72	5.2	19	ND(0.47)
Benzo(k)fluoranthene	NA	1.0	9.1	32	0.50
Benzyl Alcohol	NA	ND(0.79) J	ND(4.3)	ND(0.78) J	ND(0.94)
bis(2-Chloroethoxy)methane	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
bis(2-Chloroethyl)ether	NA	ND(0.40) J	ND(4.3)	ND(0.39)	ND(0.47)
bis(2-Chloroisopropyl)ether	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
bis(2-Ethylhexyl)phthalate	NA	ND(0.39)	0.59 J	ND(0.38)	ND(0.46)
Butylbenzylphthalate	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Chrysene	NA	1.6	15	54	0.86
Diallate	NA	ND(0.79)	ND(8.6)	ND(0.78)	ND(0.94)
Dibenzo(a,h)anthracene	NA	0.19 J	2.1 J	6.6	ND(0.47)
Dibenzofuran	NA	0.085 J	1.7 J	7.1	0.14 J
Diethylphthalate	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Dimethylphthalate	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Di-n-Butylphthalate	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Di-n-Octylphthalate	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Diphenylamine	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Ethyl Methanesulfonate	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Fluoranthene	NA	3.4	33	160	3.2
Fluorene	NA	ND(0.40)	3.2 J	14	0.26 J
Hexachlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Hexachlorobutadiene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Hexachlorocyclopentadiene	NA	ND(0.40)	ND(21)	ND(0.39)	ND(0.47)
Hexachloroethane	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Hexachlorophene	NA	ND(0.79) J	ND(87) J	ND(0.78)	ND(0.94)
Hexachloropropene	NA	ND(0.40)	ND(43)	ND(0.39) J	ND(0.47)
Indeno(1,2,3-cd)pyrene	NA	0.62	6.1	17	ND(0.47)
Isodrin	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Isophorone	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Isosafrole	NA	ND(0.79)	ND(8.6)	ND(0.78)	ND(0.94)
Methapyrilene	NA	ND(0.79)	ND(21)	ND(0.78) J	ND(0.94)
Methyl Methanesulfonate	NA	ND(0.40)	ND(4.3)	ND(0.39) J	ND(0.47) J
Naphthalene	NA	0.16 J	1.2 J	5.5	0.12 J
Nitrobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
N-Nitrosodiethylamine	NA	ND(0.40)	ND(4.3)	ND(0.39) J	ND(0.47)
N-Nitrosodimethylamine	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
N-Nitroso-di-n-butylamine	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
N-Nitroso-di-n-propylamine	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
N-Nitrosodiphenylamine	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
N-Nitrosomethylethylamine	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
N-Nitrosomorpholine	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
N-Nitrosopiperidine	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
N-Nitrosopyrrolidine	NA	ND(0.79)	ND(4.3)	ND(0.78)	ND(0.94)
o,o,o-Triethylphosphorothioate	NA	ND(0.40)	ND(21)	ND(0.39)	ND(0.47)
o-Toluidine	NA	ND(0.40)	ND(8.6)	ND(0.39)	ND(0.47)
p-Dimethylaminoazobenzene	NA	ND(0.79)	ND(8.6)	ND(0.78)	ND(0.94)
Pentachlorobenzene	NA	ND(0.40)	ND(4.3)	ND(0.39)	ND(0.47)
Pentachloroethane	NA	ND(0.40)	ND(21)	ND(0.39) J	ND(0.47)
Pentachloronitrobenzene	NA	ND(0.79) J	ND(21)	ND(0.78) J	ND(0.94)
Pentachlorophenol	NA	ND(2.0)	ND(21)	ND(2.0)	ND(2.4)
Phenacetin	NA	ND(0.79)	ND(8.6)	ND(0.78) J	ND(0.94)
Phenanthrene	NA	1.7	25	130	2.6
Phenol	NA	ND(0.40)	0.41 J	ND(0.39)	ND(0.47)
Pronamide	NA	ND(0.40)	ND(8.6)	ND(0.39)	ND(0.47) J
Pyrene	NA	3.1	22	130	2.4
Pyridine	NA	ND(0.40)	ND(8.6)	ND(0.39)	ND(0.47)
Safrole	NA	ND(0.40)	ND(8.6)	ND(0.39)	ND(0.47)
Thionazin	NA	ND(0.40)	ND(21)	ND(0.39)	ND(0.47)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-C6 RAA15-C6 6-8 05/05/04	RAA15-C6 RAA15-C6 6-10 05/05/04	RAA15-E7 RAA15-E7 0-1 02/27/03	RAA15-E7(B) RAA15-E7(B) 1-3 05/04/04	RAA15-E7BSE RAA15-E7BSE 1-3 09/20/04
Furans					
2,3,7,8-TCDF	NA	0.000038 Y	ND(0.000018) X	NA	NA
TCDFs (total)	NA	0.00054 QI	ND(0.00018) X	NA	NA
1,2,3,7,8-PeCDF	NA	0.000021 Q	0.0000063 J	NA	NA
2,3,4,7,8-PeCDF	NA	0.000074 Q	0.000011 J	NA	NA
PeCDFs (total)	NA	0.00064 QI	ND(0.00041) X	NA	NA
1,2,3,4,7,8-HxCDF	NA	0.00011	0.000021 J	NA	NA
1,2,3,6,7,8-HxCDF	NA	0.000046	ND(0.000045) X	NA	NA
1,2,3,7,8,9-HxCDF	NA	0.0000097 Q	ND(0.00000061) X	NA	NA
2,3,4,6,7,8-HxCDF	NA	0.000062	ND(0.0000062) X	NA	NA
HxCDFs (total)	NA	0.00095 Q	ND(0.00034) X	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00022	0.000040	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	0.000086	0.000012 J	NA	NA
HpCDFs (total)	NA	0.00047	ND(0.00012) X	NA	NA
OCDF	NA	0.00052	0.000075	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	0.00000064 JQ	ND(0.0000015)	NA	NA
TCDDs (total)	NA	0.000010 Q	ND(0.0000015)	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000023)	ND(0.0000045) X	NA	NA
PeCDDs (total)	NA	0.0000085 Q	ND(0.000015) X	NA	NA
1,2,3,4,7,8-HxCDD	NA	0.0000015 J	0.0000016 J	NA	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000037)	0.0000047 J	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000025)	ND(0.0000036)	NA	NA
HxCDDs (total)	NA	0.000031	ND(0.000043) X	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000026	0.000073	NA	NA
HpCDDs (total)	NA	0.000049	0.00013	NA	NA
OCDD	NA	0.00018	0.00065	NA	NA
Total TEQs (WHO TEFs)	NA	0.000070	0.000017	NA	NA
Inorganics					
Antimony	NA	1.90 J	0.820 J	NA	NA
Arsenic	NA	3.60	5.80	NA	NA
Barium	NA	56.0	48.5	NA	NA
Beryllium	NA	0.180 B	0.440 B	NA	NA
Cadmium	NA	0.700	ND(0.650)	NA	NA
Chromium	NA	6.30	15.5	NA	NA
Cobalt	NA	3.60 B	7.90	NA	NA
Copper	NA	77.0	44.4	NA	NA
Cyanide	NA	0.280	0.300 B	NA	NA
Lead	NA	95.0	187	NA	NA
Mercury	NA	3.80	0.260	NA	NA
Nickel	NA	6.20	17.8	NA	NA
Selenium	NA	ND(1.00) J	ND(0.650)	NA	NA
Silver	NA	ND(1.00)	0.370 B	NA	NA
Sulfide	NA	46.0	ND(13.0)	NA	NA
Thallium	NA	ND(1.20) J	ND(1.30) J	NA	NA
Tin	NA	ND(10)	ND(13.0)	NA	NA
Vanadium	NA	8.10	17.9	NA	NA
Zinc	NA	75.0	148 J	NA	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04	09/20/04	09/20/04
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA
Acetonitrile	NA	NA	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA	NA	NA
Isobutanol	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04	09/20/04	09/20/04
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
1,2,4-Trichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
1,2-Dichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
1,2-Diphenylhydrazine	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.49)	ND(0.44)
1,3,5-Trinitrobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49) J	ND(0.44) J
1,3-Dichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
1,3-Dinitrobenzene	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98)	ND(0.89)
1,4-Dichlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
1,4-Naphthoquinone	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98)	ND(0.89)
1-Naphthylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
2,3,4,6-Tetrachlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,4,5-Trichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,4,6-Trichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,4-Dichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,4-Dimethylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,4-Dinitrophenol	R	ND(2.4)	ND(2.0)	ND(2.8)	ND(2.5)	ND(2.3)
2,4-Dinitrotoluene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,6-Dichlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2,6-Dinitrotoluene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2-Acetylaminofluorene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
2-Chloronaphthalene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2-Chlorophenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2-Methylnaphthalene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2-Methylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
2-Naphthylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
2-Nitroaniline	ND(3.0) J	ND(2.4) J	ND(2.0) J	ND(2.8) J	ND(2.5)	ND(2.3)
2-Nitrophenol	R	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
2-Picoline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
3&4-Methylphenol	R	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
3,3'-Dichlorobenzidine	ND(1.2)	ND(0.96)	ND(0.78)	ND(1.1)	ND(0.98)	ND(0.89)
3,3'-Dimethylbenzidine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
3-Methylcholanthrene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98) J	ND(0.89) J
3-Nitroaniline	ND(3.0)	ND(2.4)	ND(2.0)	ND(2.8)	ND(2.5)	ND(2.3)
4,6-Dinitro-2-methylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
4-Aminobiphenyl	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
4-Bromophenyl-phenylether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
4-Chloro-3-Methylphenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
4-Chloroaniline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
4-Chlorobenzilate	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
4-Chlorophenyl-phenylether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
4-Nitroaniline	ND(2.0) J	ND(2.4) J	ND(2.0) J	ND(2.2) J	ND(2.5)	ND(2.3)
4-Nitrophenol	R	ND(2.4) J	ND(2.0) J	ND(2.8) J	ND(2.5) J	ND(2.3) J
4-Nitroquinoline-1-oxide	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98) J	ND(0.89) J
4-Phenylenediamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
5-Nitro-o-toluidine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
7,12-Dimethylbenz(a)anthracene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
a,a'-Dimethylphenethylamine	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98) J	ND(0.89) J
Acenaphthene	0.43 J	0.21 J	4.0	0.31 J	ND(0.49)	ND(0.44)
Acenaphthylene	ND(0.60)	1.2	0.48	0.24 J	ND(0.49)	ND(0.44)
Acetophenone	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Aniline	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Anthracene	0.74	1.6	9.8	1.0	ND(0.49)	ND(0.44)
Aramite	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
Benzidine	ND(1.2) J	ND(0.96) J	ND(0.78) J	ND(1.1) J	ND(0.98) J	ND(0.89) J
Benzo(a)anthracene	0.79	5.2	20	2.2	ND(0.49)	ND(0.44)
Benzo(a)pyrene	0.30 J	3.6	9.7	1.2	ND(0.49)	ND(0.44)
Benzo(b)fluoranthene	0.29 J	2.8	9.2	1.2	ND(0.49)	ND(0.44)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04	09/20/04	09/20/04
Semivolatile Organics (continued)						
Benzo(g,h,i)perylene	0.14 J	2.3	4.8	0.67	ND(0.49)	ND(0.44)
Benzo(k)fluoranthene	0.34 J	4.0	11	1.3	ND(0.49)	ND(0.44)
Benzyl Alcohol	R	ND(0.96) J	ND(0.78) J	ND(1.1) J	ND(0.98)	ND(0.89)
bis(2-Chloroethoxy)methane	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
bis(2-Chloroethyl)ether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
bis(2-Chloroisopropyl)ether	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.40)	0.28 J	ND(0.39)	ND(0.43)	ND(0.48)	ND(0.44)
Butylbenzylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Chrysene	0.83	6.0	20	2.2	ND(0.49)	ND(0.44)
Diallate	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
Dibenzo(a,h)anthracene	ND(0.60)	0.73	1.9	0.27 J	ND(0.49)	ND(0.44)
Dibenzofuran	0.28 J	0.10 J	2.5	0.19 J	ND(0.49)	ND(0.44)
Diethylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Dimethylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Di-n-Butylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Di-n-Octylphthalate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Diphenylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Ethyl Methanesulfonate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Fluoranthene	3.3	13	57	5.7	0.25 J	ND(0.44)
Fluorene	0.42 J	0.44 J	4.8	0.43 J	ND(0.49)	ND(0.44)
Hexachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Hexachlorobutadiene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Hexachlorocyclopentadiene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Hexachloroethane	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Hexachlorophene	ND(1.2)	ND(0.96)	ND(0.78)	ND(1.1)	ND(0.98)	ND(0.89)
Hexachloropropene	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.49)	ND(0.44)
Indeno(1,2,3-cd)pyrene	0.13 J	2.0	4.6	0.57	ND(0.49)	ND(0.44)
Isodrin	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Isophorone	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Isosafrole	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
Methapyrilene	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98)	ND(0.89)
Methyl Methanesulfonate	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.49) J	ND(0.44) J
Naphthalene	0.46 J	ND(0.48)	2.5	0.19 J	ND(0.49)	ND(0.44)
Nitrobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
N-Nitrosodiethylamine	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.49)	ND(0.44)
N-Nitrosodimethylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
N-Nitroso-di-n-butylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
N-Nitroso-di-n-propylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
N-Nitrosodiphenylamine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
N-Nitrosomethylethylamine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
N-Nitrosomorpholine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
N-Nitrosopiperidine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
N-Nitrosopyrrolidine	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
o,o,o-Triethylphosphorothioate	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
o-Toluidine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
p-Dimethylaminoazobenzene	ND(0.81)	ND(0.96)	ND(0.78)	ND(0.88)	ND(0.98)	ND(0.89)
Pentachlorobenzene	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Pentachloroethane	ND(0.60) J	ND(0.48) J	ND(0.39) J	ND(0.57) J	ND(0.49)	ND(0.44)
Pentachloronitrobenzene	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98)	ND(0.89)
Pentachlorophenol	R	ND(2.4)	ND(2.0)	ND(2.8)	ND(2.5)	ND(2.3)
Phenacetin	ND(0.81) J	ND(0.96) J	ND(0.78) J	ND(0.88) J	ND(0.98)	ND(0.89)
Phenanthrene	3.3	6.3	37	3.2	0.16 J	ND(0.44)
Phenol	R	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Pronamide	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49) J	ND(0.44) J
Pyrene	2.4	12	43	4.5	0.20 J	ND(0.44)
Pyridine	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Safrole	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)
Thionazin	ND(0.60)	ND(0.48)	ND(0.39)	ND(0.57)	ND(0.49)	ND(0.44)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample ID:	RAA15-E7NE	RAA15-E7NW	RAA15-E7SE	RAA15-E7SW	RAA15-E7W	RAA15-E7W
Sample Depth(Feet):	0-1	0-1	0-1	0-1	0-1	1-3
Parameter / Date Collected:	05/04/04	05/04/04	05/04/04	05/04/04	09/20/04	09/20/04
Furans						
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA
Inorganics						
Antimony	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3
Parameter / Date Collected:	02/26/03	05/04/04	09/16/04	05/04/04	09/16/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0044)	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0044)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0044)	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0044)	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.0044)	NA	NA	NA	NA
1,1-Dichloroethene	ND(0.0044)	NA	NA	NA	NA
1,2,3-Trichloropropane	ND(0.0044)	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0044)	NA	NA	NA	NA
1,2-Dibromoethane	ND(0.0044)	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0044)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0044)	NA	NA	NA	NA
1,4-Dioxane	ND(0.88) J	NA	NA	NA	NA
2-Butanone	ND(0.0044) J	NA	NA	NA	NA
2-Chloro-1,3-butadiene	ND(0.0044)	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.0088) J	NA	NA	NA	NA
2-Hexanone	ND(0.018) J	NA	NA	NA	NA
3-Chloropropene	ND(0.0044)	NA	NA	NA	NA
4-Methyl-2-pentanone	ND(0.018)	NA	NA	NA	NA
Acetone	ND(0.018) J	NA	NA	NA	NA
Acetonitrile	ND(0.088) J	NA	NA	NA	NA
Acrolein	ND(0.088) J	NA	NA	NA	NA
Acrylonitrile	ND(0.088)	NA	NA	NA	NA
Benzene	ND(0.0044)	NA	NA	NA	NA
Bromodichloromethane	ND(0.0044)	NA	NA	NA	NA
Bromoform	ND(0.0044)	NA	NA	NA	NA
Bromomethane	ND(0.0044)	NA	NA	NA	NA
Carbon Disulfide	ND(0.0044)	NA	NA	NA	NA
Carbon Tetrachloride	ND(0.0044)	NA	NA	NA	NA
Chlorobenzene	ND(0.0044)	NA	NA	NA	NA
Chloroethane	ND(0.0088)	NA	NA	NA	NA
Chloroform	ND(0.0044)	NA	NA	NA	NA
Chloromethane	ND(0.0044)	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0044)	NA	NA	NA	NA
Dibromochloromethane	ND(0.0044)	NA	NA	NA	NA
Dibromomethane	ND(0.0044)	NA	NA	NA	NA
Dichlorodifluoromethane	ND(0.0044)	NA	NA	NA	NA
Ethyl Methacrylate	ND(0.0044)	NA	NA	NA	NA
Ethylbenzene	ND(0.0044)	NA	NA	NA	NA
Iodomethane	ND(0.0044)	NA	NA	NA	NA
Isobutanol	ND(0.18) J	NA	NA	NA	NA
Methacrylonitrile	ND(0.0044)	NA	NA	NA	NA
Methyl Methacrylate	ND(0.0044)	NA	NA	NA	NA
Methylene Chloride	0.0020 J	NA	NA	NA	NA
Propionitrile	ND(0.0088)	NA	NA	NA	NA
Styrene	ND(0.0044)	NA	NA	NA	NA
Tetrachloroethene	ND(0.0044)	NA	NA	NA	NA
Toluene	0.0010 J	NA	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0044)	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0044)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0044)	NA	NA	NA	NA
Trichloroethene	ND(0.0044)	NA	NA	NA	NA
Trichlorofluoromethane	ND(0.0044)	NA	NA	NA	NA
Vinyl Acetate	ND(0.0044)	NA	NA	NA	NA
Vinyl Chloride	ND(0.0088)	NA	NA	NA	NA
Xylenes (total)	ND(0.0044)	NA	NA	NA	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3
Parameter / Date Collected:	02/26/03	05/04/04	09/16/04	05/04/04	09/16/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(18)	ND(0.37)	ND(0.35)	5.3	ND(0.35)
1,2,4-Trichlorobenzene	ND(18)	ND(0.37)	ND(0.35)	0.10 J	ND(0.35)
1,2-Dichlorobenzene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
1,2-Diphenylhydrazine	ND(18)	ND(0.37) J	ND(0.35)	ND(0.40) J	ND(0.35)
1,3,5-Trinitrobenzene	ND(87)	ND(0.37)	ND(0.35) J	ND(0.40)	ND(0.35) J
1,3-Dichlorobenzene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
1,3-Dinitrobenzene	ND(18)	ND(0.75) J	ND(0.71)	ND(0.80) J	ND(0.70)
1,4-Dichlorobenzene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
1,4-Naphthoquinone	ND(87)	ND(0.75) J	ND(0.71) J	ND(0.80) J	ND(0.70) J
1-Naphthylamine	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
2,3,4,6-Tetrachlorophenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,4,5-Trichlorophenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,4,6-Trichlorophenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,4-Dichlorophenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,4-Dimethylphenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,4-Dinitrophenol	ND(87)	ND(1.9)	ND(1.8) J	ND(2.0)	ND(1.8) J
2,4-Dinitrotoluene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,6-Dichlorophenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2,6-Dinitrotoluene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2-Acetylaminofluorene	ND(36)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
2-Chloronaphthalene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2-Chlorophenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2-Methylnaphthalene	7.3 J	ND(0.37)	ND(0.35)	2.0	ND(0.35)
2-Methylphenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
2-Naphthylamine	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
2-Nitroaniline	ND(87)	ND(1.9) J	ND(1.8)	ND(2.0) J	ND(1.8)
2-Nitrophenol	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
2-Picoline	ND(36)	ND(0.37)	ND(0.35)	ND(0.40)	0.076 J
3&4-Methylphenol	ND(36)	ND(0.75)	ND(0.71)	ND(0.80)	0.28 J
3,3'-Dichlorobenzidine	ND(87)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
3,3'-Dimethylbenzidine	ND(87)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
3-Methylcholanthrene	5.7 J	ND(0.75)	ND(0.71) J	ND(0.80)	ND(0.70) J
3-Nitroaniline	ND(87)	ND(1.9)	ND(1.8)	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(87)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
4-Aminobiphenyl	ND(87)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
4-Bromophenyl-phenylether	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
4-Chloro-3-Methylphenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
4-Chloroaniline	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
4-Chlorobenzilate	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
4-Chlorophenyl-phenylether	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
4-Nitroaniline	ND(87)	ND(1.9) J	ND(1.8)	ND(2.0) J	ND(1.8)
4-Nitrophenol	ND(87)	ND(1.9) J	ND(1.8) J	ND(2.0) J	ND(1.8) J
4-Nitroquinoline-1-oxide	ND(180)	ND(0.75) J	ND(0.71) J	ND(0.80) J	ND(0.70) J
4-Phenylenediamine	ND(360)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
5-Nitro-o-toluidine	ND(36)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
7,12-Dimethylbenz(a)anthracene	ND(36)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
a,a'-Dimethylphenethylamine	ND(87)	ND(0.75) J	ND(0.71)	ND(0.80) J	ND(0.70)
Acenaphthene	30	1.5	ND(0.35)	13	2.8
Acenaphthylene	2.2 J	0.59	ND(0.35)	0.74	4.0
Acetophenone	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	0.16 J
Aniline	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Anthracene	80	12	0.12 J	30	14
Aramite	ND(87)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
Benzidine	ND(180)	ND(0.75) J	ND(0.71) J	ND(0.80) J	ND(0.70) J
Benzo(a)anthracene	210	60	0.19 J	100	27
Benzo(a)pyrene	160	28	0.14 J	38	14
Benzo(b)fluoranthene	160	29	0.10 J	37	11

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3
Parameter / Date Collected:	02/26/03	05/04/04	09/16/04	05/04/04	09/16/04
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	36	14	0.098 J	18	4.5
Benzo(k)fluoranthene	120	28	0.16 J	38	16
Benzyl Alcohol	ND(18)	ND(0.75) J	ND(0.71)	ND(0.80) J	ND(0.70)
bis(2-Chloroethoxy)methane	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
bis(2-Chloroethyl)ether	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
bis(2-Chloroisopropyl)ether	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
bis(2-Ethylhexyl)phthalate	ND(18)	ND(0.37)	ND(0.35)	ND(0.39)	ND(0.35)
Butylbenzylphthalate	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Chrysene	200	58	0.25 J	98	29
Diallate	ND(36)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
Dibenzo(a,h)anthracene	19	4.2	ND(0.35)	6.1	1.7
Dibenzofuran	20	0.82	ND(0.35)	6.3	4.3
Diethylphthalate	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Dimethylphthalate	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Di-n-Butylphthalate	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Di-n-Octylphthalate	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Diphenylamine	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Ethyl Methanesulfonate	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Fluoranthene	520	110	0.54	270	74
Fluorene	38	2.3	ND(0.35)	14	6.3
Hexachlorobenzene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Hexachlorobutadiene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Hexachlorocyclopentadiene	ND(87)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Hexachloroethane	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Hexachlorophene	ND(360) J	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
Hexachloropropene	ND(180)	ND(0.37) J	ND(0.35)	ND(0.40) J	ND(0.35)
Indeno(1,2,3-cd)pyrene	49	12	ND(0.35)	17	4.6
Isodrin	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Isophorone	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Isosafrole	ND(36)	ND(0.75)	ND(0.71) J	ND(0.80)	ND(0.70) J
Methapyrilene	ND(87)	ND(0.75) J	ND(0.71) J	ND(0.80) J	ND(0.70) J
Methyl Methanesulfonate	ND(18)	ND(0.37) J	ND(0.35)	ND(0.40) J	ND(0.35)
Naphthalene	20	0.52	ND(0.35)	6.9	3.2
Nitrobenzene	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
N-Nitrosodiethylamine	ND(18)	ND(0.37) J	ND(0.35)	ND(0.40) J	ND(0.35)
N-Nitrosodimethylamine	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
N-Nitroso-di-n-butylamine	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
N-Nitroso-di-n-propylamine	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
N-Nitrosodiphenylamine	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
N-Nitrosomethylethylamine	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
N-Nitrosomorpholine	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
N-Nitrosopiperidine	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
N-Nitrosopyrrolidine	ND(18)	ND(0.75)	ND(0.71)	ND(0.80)	ND(0.70)
o,o,o-Triethylphosphorothioate	ND(87)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
o-Toluidine	ND(36)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
p-Dimethylaminoazobenzene	ND(36)	ND(0.75)	ND(0.71) J	ND(0.80)	ND(0.70) J
Pentachlorobenzene	ND(18)	ND(0.37)	ND(0.35)	0.37 J	ND(0.35)
Pentachloroethane	ND(87)	ND(0.37) J	ND(0.35)	ND(0.40) J	ND(0.35)
Pentachloronitrobenzene	ND(87)	ND(0.75) J	ND(0.71)	ND(0.80) J	ND(0.70)
Pentachlorophenol	ND(87)	ND(1.9)	ND(1.8)	ND(2.0)	ND(1.8)
Phenacetin	ND(36)	ND(0.75) J	ND(0.71)	ND(0.80) J	ND(0.70)
Phenanthrene	300	39	0.34 J	150	57
Phenol	ND(18)	ND(0.37)	ND(0.35)	ND(0.40)	0.24 J
Pronamide	ND(36)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Pyrene	360	97	0.42	200	59
Pyridine	ND(36)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Safrole	ND(36)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)
Thionazin	ND(87)	ND(0.37)	ND(0.35)	ND(0.40)	ND(0.35)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NW	RAA15-E8NWNW
Sample Depth(Feet):	1-3	1-3	1-3	1-3	1-3
Parameter / Date Collected:	02/26/03	05/04/04	09/16/04	05/04/04	09/16/04
Furans					
2,3,7,8-TCDF	0.000050	NA	NA	NA	NA
TCDFs (total)	ND(0.00068) X	NA	NA	NA	NA
1,2,3,7,8-PeCDF	0.000038 J	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.000045 J	NA	NA	NA	NA
PeCDFs (total)	ND(0.0013) XJ	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.00029 J	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00016) XJ	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000013) XJ	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000018) XJ	NA	NA	NA	NA
HxCDFs (total)	ND(0.0012) XJ	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00015 J	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.00013 J	NA	NA	NA	NA
HpCDFs (total)	ND(0.00044) XJ	NA	NA	NA	NA
OCDF	0.00022 J	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000079)	NA	NA	NA	NA
TCDDs (total)	ND(0.0000064) X	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.00063) XJ	NA	NA	NA	NA
PeCDDs (total)	ND(0.0023) XJ	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000057) XJ	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000086) XJ	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000076) XJ	NA	NA	NA	NA
HxCDDs (total)	ND(0.0013) XJ	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.000069 J	NA	NA	NA	NA
HpCDDs (total)	0.00019 J	NA	NA	NA	NA
OCDD	0.00061	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.00039	NA	NA	NA	NA
Inorganics					
Antimony	ND(6.50) J	NA	NA	NA	NA
Arsenic	4.40	NA	NA	NA	NA
Barium	31.2	NA	NA	NA	NA
Beryllium	ND(0.330)	NA	NA	NA	NA
Cadmium	0.390 B	NA	NA	NA	NA
Chromium	9.60	NA	NA	NA	NA
Cobalt	7.00	NA	NA	NA	NA
Copper	34.2	NA	NA	NA	NA
Cyanide	0.210 B	NA	NA	NA	NA
Lead	53.4	NA	NA	NA	NA
Mercury	0.130	NA	NA	NA	NA
Nickel	12.2 J	NA	NA	NA	NA
Selenium	6.20 J	NA	NA	NA	NA
Silver	1.20	NA	NA	NA	NA
Sulfide	ND(10.8)	NA	NA	NA	NA
Thallium	ND(1.10)	NA	NA	NA	NA
Tin	ND(10.6)	NA	NA	NA	NA
Vanadium	10.6	NA	NA	NA	NA
Zinc	105	NA	NA	NA	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample Depth(Feet):	1-3	1-3	0-1	1-3	6-8	6-10
Parameter / Date Collected:	05/04/04	05/04/04	09/16/04	09/16/04	03/05/03	03/05/03
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	ND(0.0093)	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	ND(0.0093)	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	ND(0.0093)	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	ND(0.0093)	NA
1,1-Dichloroethane	NA	NA	NA	NA	ND(0.0093)	NA
1,1-Dichloroethene	NA	NA	NA	NA	ND(0.0093)	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	ND(0.0093)	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	ND(0.0093)	NA
1,2-Dibromoethane	NA	NA	NA	NA	ND(0.0093)	NA
1,2-Dichloroethane	NA	NA	NA	NA	ND(0.0093)	NA
1,2-Dichloropropane	NA	NA	NA	NA	ND(0.0093)	NA
1,4-Dioxane	NA	NA	NA	NA	ND(1.9) J	NA
2-Butanone	NA	NA	NA	NA	0.014 J	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	ND(0.0093) J	NA
2-Chloroethylvinylether	NA	NA	NA	NA	ND(0.019) J	NA
2-Hexanone	NA	NA	NA	NA	ND(0.037)	NA
3-Chloropropene	NA	NA	NA	NA	ND(0.0093)	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	ND(0.037)	NA
Acetone	NA	NA	NA	NA	0.033 J	NA
Acetonitrile	NA	NA	NA	NA	ND(0.19)	NA
Acrolein	NA	NA	NA	NA	ND(0.19) J	NA
Acrylonitrile	NA	NA	NA	NA	ND(0.19) J	NA
Benzene	NA	NA	NA	NA	0.0021 J	NA
Bromodichloromethane	NA	NA	NA	NA	ND(0.0093)	NA
Bromoform	NA	NA	NA	NA	ND(0.0093)	NA
Bromomethane	NA	NA	NA	NA	ND(0.0093)	NA
Carbon Disulfide	NA	NA	NA	NA	ND(0.0093)	NA
Carbon Tetrachloride	NA	NA	NA	NA	ND(0.0093)	NA
Chlorobenzene	NA	NA	NA	NA	ND(0.0093)	NA
Chloroethane	NA	NA	NA	NA	ND(0.019)	NA
Chloroform	NA	NA	NA	NA	ND(0.0093)	NA
Chloromethane	NA	NA	NA	NA	ND(0.0093)	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	ND(0.0093)	NA
Dibromochloromethane	NA	NA	NA	NA	ND(0.0093)	NA
Dibromomethane	NA	NA	NA	NA	ND(0.0093)	NA
Dichlorodifluoromethane	NA	NA	NA	NA	ND(0.0093)	NA
Ethyl Methacrylate	NA	NA	NA	NA	ND(0.0093) J	NA
Ethylbenzene	NA	NA	NA	NA	ND(0.0093)	NA
Iodomethane	NA	NA	NA	NA	ND(0.0093)	NA
Isobutanol	NA	NA	NA	NA	ND(0.37) J	NA
Methacrylonitrile	NA	NA	NA	NA	ND(0.0093)	NA
Methyl Methacrylate	NA	NA	NA	NA	ND(0.0093)	NA
Methylene Chloride	NA	NA	NA	NA	0.0025 J	NA
Propionitrile	NA	NA	NA	NA	ND(0.019)	NA
Styrene	NA	NA	NA	NA	ND(0.0093)	NA
Tetrachloroethene	NA	NA	NA	NA	ND(0.0093)	NA
Toluene	NA	NA	NA	NA	ND(0.0093)	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	0.0057 J	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	ND(0.0093)	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	ND(0.0093)	NA
Trichloroethene	NA	NA	NA	NA	0.0011 J	NA
Trichlorofluoromethane	NA	NA	NA	NA	ND(0.0093)	NA
Vinyl Acetate	NA	NA	NA	NA	ND(0.0093)	NA
Vinyl Chloride	NA	NA	NA	NA	0.0028 J	NA
Xylenes (total)	NA	NA	NA	NA	ND(0.0093)	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample Depth(Feet):	1-3	1-3	0-1	1-3	6-8	6-10
Parameter / Date Collected:	05/04/04	05/04/04	09/16/04	09/16/04	03/05/03	03/05/03
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
1,2-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
1,2-Diphenylhydrazine	ND(0.38) J	ND(0.38) J	ND(0.50)	ND(0.46)	NA	ND(0.44)
1,3,5-Trinitrobenzene	ND(0.38)	ND(0.38)	ND(0.50) J	ND(0.46) J	NA	ND(2.1)
1,3-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
1,3-Dinitrobenzene	ND(0.76) J	ND(0.76) J	ND(1.0)	ND(0.92)	NA	ND(0.44)
1,4-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
1,4-Naphthoquinone	ND(0.76) J	ND(0.76) J	ND(1.0) J	ND(0.92) J	NA	ND(2.1)
1-Naphthylamine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
2,3,4,6-Tetrachlorophenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,4,5-Trichlorophenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,4,6-Trichlorophenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,4-Dichlorophenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,4-Dimethylphenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,4-Dinitrophenol	ND(1.9)	ND(1.9)	ND(2.6) J	ND(2.3) J	NA	ND(2.1)
2,4-Dinitrotoluene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,6-Dichlorophenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2,6-Dinitrotoluene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2-Acetylaminofluorene	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.88)
2-Chloronaphthalene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2-Chlorophenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2-Methylnaphthalene	ND(0.38)	1.3	ND(0.50)	ND(0.46)	NA	ND(0.44)
2-Methylphenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
2-Naphthylamine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
2-Nitroaniline	ND(1.9) J	ND(1.9) J	ND(2.6)	ND(2.3)	NA	ND(2.1)
2-Nitrophenol	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
2-Picoline	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.88)
3&4-Methylphenol	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.88)
3,3'-Dichlorobenzidine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(2.1)
3,3'-Dimethylbenzidine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(2.1)
3-Methylcholanthrene	ND(0.76)	ND(0.76)	ND(1.0) J	ND(0.92) J	NA	ND(2.1)
3-Nitroaniline	ND(1.9)	ND(1.9)	ND(2.6)	ND(2.3)	NA	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(2.1)
4-Aminobiphenyl	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(2.1)
4-Bromophenyl-phenylether	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
4-Chloro-3-Methylphenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
4-Chloroaniline	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
4-Chlorobenzilate	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
4-Chlorophenyl-phenylether	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
4-Nitroaniline	ND(1.9) J	ND(1.9) J	ND(2.6)	ND(2.3)	NA	ND(2.1)
4-Nitrophenol	ND(1.9) J	ND(1.9) J	ND(2.6) J	ND(2.3) J	NA	ND(2.1)
4-Nitroquinoline-1-oxide	ND(0.76) J	ND(0.76) J	ND(1.0) J	ND(0.92) J	NA	ND(4.4)
4-Phenylenediamine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(8.8)
5-Nitro-o-toluidine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.88)
7,12-Dimethylbenz(a)anthracene	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.88)
a,a'-Dimethylphenethylamine	ND(0.76) J	ND(0.76) J	ND(1.0)	ND(0.92)	NA	ND(2.1)
Acenaphthene	0.11 J	7.2	ND(0.50)	ND(0.46)	NA	ND(0.44)
Acenaphthylene	0.083 J	2.2	0.13 J	ND(0.46)	NA	ND(0.44)
Acetophenone	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Aniline	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Anthracene	0.55	18	0.25 J	0.11 J	NA	ND(0.44)
Aramite	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(2.1)
Benzidine	ND(0.76) J	ND(0.76) J	ND(1.0) J	ND(0.92) J	NA	ND(4.4)
Benzo(a)anthracene	2.2	33	0.57	0.18 J	NA	ND(0.44)
Benzo(a)pyrene	1.3	15	0.46 J	0.12 J	NA	ND(0.44)
Benzo(b)fluoranthene	1.1	14	0.23 J	ND(0.46)	NA	ND(0.44)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample Depth(Feet):	1-3	1-3	0-1	1-3	6-8	6-10
Parameter / Date Collected:	05/04/04	05/04/04	09/16/04	09/16/04	03/05/03	03/05/03
Semivolatile Organics (continued)						
Benzo(g,h,i)perylene	0.70	6.7	0.20 J	ND(0.46)	NA	ND(0.44)
Benzo(k)fluoranthene	1.4	22	0.65	0.13 J	NA	ND(0.44)
Benzyl Alcohol	ND(0.76) J	ND(0.76) J	ND(1.0)	ND(0.92)	NA	ND(0.44)
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
bis(2-Chloroethyl)ether	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
bis(2-Ethylhexyl)phthalate	ND(0.37)	1.2	ND(0.50)	ND(0.45)	NA	ND(0.44)
Butylbenzylphthalate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Chrysene	2.1	33	0.90	0.26 J	NA	ND(0.44)
Diallate	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.88)
Dibenzo(a,h)anthracene	0.26 J	2.6	ND(0.50)	ND(0.46)	NA	ND(0.44)
Dibenzofuran	ND(0.38)	3.9	ND(0.50)	ND(0.46)	NA	ND(0.44)
Diethylphthalate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Dimethylphthalate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Di-n-Butylphthalate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Di-n-Octylphthalate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Diphenylamine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Ethyl Methanesulfonate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Fluoranthene	4.2	150	1.8	0.52	NA	ND(0.44)
Fluorene	0.14 J	7.5	ND(0.50)	ND(0.46)	NA	ND(0.44)
Hexachlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Hexachlorobutadiene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Hexachlorocyclopentadiene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(2.1)
Hexachloroethane	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Hexachlorophene	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(9.0)
Hexachloropropene	ND(0.38) J	ND(0.38) J	ND(0.50)	ND(0.46)	NA	ND(4.4)
Indeno(1,2,3-cd)pyrene	0.63	6.6	0.20 J	ND(0.46)	NA	ND(0.44)
Isodrin	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Isophorone	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Isosafrole	ND(0.76)	ND(0.76)	ND(1.0) J	ND(0.92) J	NA	ND(0.88)
Methapyrilene	ND(0.76) J	ND(0.76) J	ND(1.0) J	ND(0.92) J	NA	ND(2.1)
Methyl Methanesulfonate	ND(0.38) J	ND(0.38) J	ND(0.50)	ND(0.46)	NA	ND(0.44)
Naphthalene	ND(0.38)	3.7	ND(0.50)	ND(0.46)	NA	ND(0.44)
Nitrobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitrosodiethylamine	ND(0.38) J	ND(0.38) J	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitrosodimethylamine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitroso-di-n-butylamine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitrosodiphenylamine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitrosomethylethylamine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
N-Nitrosomorpholine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitrosopiperidine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
N-Nitrosopyrrolidine	ND(0.76)	ND(0.76)	ND(1.0)	ND(0.92)	NA	ND(0.44)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(2.1)
o-Toluidine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.88)
p-Dimethylaminoazobenzene	ND(0.76)	ND(0.76)	ND(1.0) J	ND(0.92) J	NA	ND(0.88)
Pentachlorobenzene	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Pentachloroethane	ND(0.38) J	ND(0.38) J	ND(0.50)	ND(0.46)	NA	ND(2.1)
Pentachloronitrobenzene	ND(0.76) J	ND(0.76) J	ND(1.0)	ND(0.92)	NA	ND(2.1)
Pentachlorophenol	ND(1.9)	ND(1.9)	ND(2.6)	ND(2.3)	NA	ND(2.1)
Phenacetin	ND(0.76) J	ND(0.76) J	ND(1.0)	ND(0.92)	NA	ND(0.88)
Phenanthrene	1.9	64	0.99	0.47	NA	ND(0.44)
Phenol	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.44)
Pronamide	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.88)
Pyrene	3.5	71	1.5	0.48	NA	ND(0.44)
Pyridine	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.88)
Safrole	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(0.88)
Thionazin	ND(0.38)	ND(0.38)	ND(0.50)	ND(0.46)	NA	ND(2.1)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample ID:	RAA15-E8SE	RAA15-E8SW	RAA15-F7	RAA15-F7	RAA15-F7	RAA15-F7
Sample Depth(Feet):	1-3	1-3	0-1	1-3	6-8	6-10
Parameter / Date Collected:	05/04/04	05/04/04	09/16/04	09/16/04	03/05/03	03/05/03
Furans						
2,3,7,8-TCDF	NA	NA	NA	NA	NA	ND(0.00000025)
TCDFs (total)	NA	NA	NA	NA	NA	ND(0.00000025)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	ND(0.00000015)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	ND(0.00000014)
PeCDFs (total)	NA	NA	NA	NA	NA	ND(0.00000014)
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.000000093)
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.000000086)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	ND(0.00000011)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	ND(0.000000099)
HxCDFs (total)	NA	NA	NA	NA	NA	ND(0.000000096)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	ND(0.00000014)
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	ND(0.00000018)
HpCDFs (total)	NA	NA	NA	NA	NA	ND(0.00000016)
OCDF	NA	NA	NA	NA	NA	ND(0.00000019)
Dioxins						
2,3,7,8-TCDD	NA	NA	NA	NA	NA	ND(0.00000033)
TCDDs (total)	NA	NA	NA	NA	NA	ND(0.00000033)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	ND(0.00000016)
PeCDDs (total)	NA	NA	NA	NA	NA	ND(0.00000016)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	ND(0.00000018)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	ND(0.00000016)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	ND(0.00000017)
HxCDDs (total)	NA	NA	NA	NA	NA	ND(0.00000017)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	ND(0.00000019)
HpCDDs (total)	NA	NA	NA	NA	NA	ND(0.00000019)
OCDD	NA	NA	NA	NA	NA	ND(0.00000070) X
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	0.00000034
Inorganics						
Antimony	NA	NA	NA	NA	NA	0.660 J
Arsenic	NA	NA	NA	NA	NA	5.70
Barium	NA	NA	NA	NA	NA	110
Beryllium	NA	NA	NA	NA	NA	0.380 B
Cadmium	NA	NA	NA	NA	NA	0.0640 B
Chromium	NA	NA	NA	NA	NA	9.70
Cobalt	NA	NA	NA	NA	NA	4.60 B
Copper	NA	NA	NA	NA	NA	21.4
Cyanide	NA	NA	NA	NA	NA	ND(0.670)
Lead	NA	NA	NA	NA	NA	99.7
Mercury	NA	NA	NA	NA	NA	0.0280 J
Nickel	NA	NA	NA	NA	NA	10.4
Selenium	NA	NA	NA	NA	NA	ND(0.670)
Silver	NA	NA	NA	NA	NA	ND(1.30)
Sulfide	NA	NA	NA	NA	NA	21.5
Thallium	NA	NA	NA	NA	NA	0.770 J
Tin	NA	NA	NA	NA	NA	ND(7.20)
Vanadium	NA	NA	NA	NA	NA	15.6
Zinc	NA	NA	NA	NA	NA	80.0

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	10-15	12-14
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,1,1-Trichloroethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,1,2-Trichloroethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,1-Dichloroethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,1-Dichloroethene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,2,3-Trichloropropane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,2-Dibromo-3-chloropropane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,2-Dibromoethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,2-Dichloroethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,2-Dichloropropane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
1,4-Dioxane	ND(2.3) J	ND(0.99) J	NA	ND(1.2) J
2-Butanone	0.0046 J	ND(0.0049) J	NA	ND(0.0062) J
2-Chloro-1,3-butadiene	ND(0.012) J	ND(0.0049) J	NA	ND(0.0062) J
2-Chloroethylvinylether	ND(0.023) J	ND(0.0099) J	NA	ND(0.012) J
2-Hexanone	ND(0.046)	ND(0.020)	NA	ND(0.025)
3-Chloropropene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
4-Methyl-2-pentanone	ND(0.046)	ND(0.020)	NA	ND(0.025)
Acetone	0.035 J	ND(0.020) J	NA	ND(0.025) J
Acetonitrile	ND(0.23)	ND(0.099)	NA	ND(0.12)
Acrolein	ND(0.23) J	ND(0.099) J	NA	ND(0.12) J
Acrylonitrile	ND(0.23) J	ND(0.099) J	NA	ND(0.12) J
Benzene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Bromodichloromethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Bromoform	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Bromomethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Carbon Disulfide	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Carbon Tetrachloride	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Chlorobenzene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Chloroethane	ND(0.023)	ND(0.0099)	NA	ND(0.012)
Chloroform	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Chloromethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
cis-1,3-Dichloropropene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Dibromochloromethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Dibromomethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Dichlorodifluoromethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Ethyl Methacrylate	ND(0.012) J	ND(0.0049) J	NA	ND(0.0062) J
Ethylbenzene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Iodomethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Isobutanol	ND(0.46) J	ND(0.20) J	NA	ND(0.25) J
Methacrylonitrile	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Methyl Methacrylate	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Methylene Chloride	0.0040 J	0.0014 J	NA	ND(0.0062)
Propionitrile	ND(0.023)	ND(0.0099)	NA	ND(0.012)
Styrene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Tetrachloroethene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Toluene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
trans-1,2-Dichloroethene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
trans-1,3-Dichloropropene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
trans-1,4-Dichloro-2-butene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Trichloroethene	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Trichlorofluoromethane	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Vinyl Acetate	ND(0.012)	ND(0.0049)	NA	ND(0.0062)
Vinyl Chloride	ND(0.023)	ND(0.0099)	NA	ND(0.012)
Xylenes (total)	ND(0.012)	ND(0.0049)	NA	ND(0.0062)

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	10-15	12-14
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,2-Dichlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,2-Diphenylhydrazine	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,3,5-Trinitrobenzene	ND(2.2)	ND(1.7)	ND(2.1)	NA
1,3-Dichlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,3-Dinitrobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,4-Dichlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
1,4-Naphthoquinone	ND(2.2)	ND(1.7)	ND(2.1)	NA
1-Naphthylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,4,5-Trichlorophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,4,6-Trichlorophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,4-Dichlorophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,4-Dimethylphenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,4-Dinitrophenol	ND(2.2)	ND(1.7)	ND(2.1)	NA
2,4-Dinitrotoluene	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,6-Dichlorophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2,6-Dinitrotoluene	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Acetylaminofluorene	ND(0.89)	ND(0.72)	ND(0.88)	NA
2-Chloronaphthalene	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Chlorophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Methylnaphthalene	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Methylphenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Naphthylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Nitroaniline	ND(2.2)	ND(1.7)	ND(2.1)	NA
2-Nitrophenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
2-Picoline	ND(0.89)	ND(0.72)	ND(0.88)	NA
3&4-Methylphenol	ND(0.89)	ND(0.72)	ND(0.88)	NA
3,3'-Dichlorobenzidine	ND(2.2)	ND(1.7)	ND(2.1)	NA
3,3'-Dimethylbenzidine	ND(2.2)	ND(1.7)	ND(2.1)	NA
3-Methylcholanthrene	ND(2.2)	ND(1.7)	ND(2.1)	NA
3-Nitroaniline	ND(2.2)	ND(1.7)	ND(2.1)	NA
4,6-Dinitro-2-methylphenol	ND(2.2)	ND(1.7)	ND(2.1)	NA
4-Aminobiphenyl	ND(2.2)	ND(1.7)	ND(2.1)	NA
4-Bromophenyl-phenylether	ND(0.44)	ND(0.36)	ND(0.44)	NA
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
4-Chloroaniline	ND(0.44)	ND(0.36)	ND(0.44)	NA
4-Chlorobenzilate	ND(0.44)	ND(0.36)	ND(0.44)	NA
4-Chlorophenyl-phenylether	ND(0.44)	ND(0.36)	ND(0.44)	NA
4-Nitroaniline	ND(2.2)	ND(1.7)	ND(2.1)	NA
4-Nitrophenol	ND(2.2)	ND(1.7)	ND(2.1)	NA
4-Nitroquinoline-1-oxide	ND(4.4)	ND(3.6)	ND(4.4)	NA
4-Phenylenediamine	ND(8.9)	ND(7.2)	ND(8.8)	NA
5-Nitro-o-toluidine	ND(0.89)	ND(0.72)	ND(0.88)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.89)	ND(0.72)	ND(0.88)	NA
a,a'-Dimethylphenethylamine	ND(2.2)	ND(1.7)	ND(2.1)	NA
Acenaphthene	0.056 J	0.031 J	ND(0.44)	NA
Acenaphthylene	0.055 J	0.040 J	ND(0.44)	NA
Acetophenone	ND(0.44)	ND(0.36)	ND(0.44)	NA
Aniline	ND(0.44)	ND(0.36)	ND(0.44)	NA
Anthracene	0.12 J	0.10 J	ND(0.44)	NA
Aramite	ND(2.2)	ND(1.7)	ND(2.1)	NA
Benzidine	ND(4.4)	ND(3.6)	ND(4.4)	NA
Benzo(a)anthracene	0.38 J	0.26 J	ND(0.44)	NA
Benzo(a)pyrene	0.45	0.26 J	ND(0.44)	NA
Benzo(b)fluoranthene	0.44	0.26 J	ND(0.44)	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	10-15	12-14
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	0.12 J	0.069 J	ND(0.44)	NA
Benzo(k)fluoranthene	0.53	0.25 J	ND(0.44)	NA
Benzyl Alcohol	ND(0.44)	ND(0.36)	ND(0.44)	NA
bis(2-Chloroethoxy)methane	ND(0.44)	ND(0.36)	ND(0.44)	NA
bis(2-Chloroethyl)ether	ND(0.44)	ND(0.36)	ND(0.44)	NA
bis(2-Chloroisopropyl)ether	ND(0.44)	ND(0.36)	ND(0.44)	NA
bis(2-Ethylhexyl)phthalate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Butylbenzylphthalate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Chrysene	0.49	0.29 J	ND(0.44)	NA
Diallate	ND(0.89)	ND(0.72)	ND(0.88)	NA
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.36)	ND(0.44)	NA
Dibenzofuran	ND(0.44)	ND(0.36)	ND(0.44)	NA
Diethylphthalate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Dimethylphthalate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Di-n-Butylphthalate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Di-n-Octylphthalate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Diphenylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
Ethyl Methanesulfonate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Fluoranthene	1.2	0.69	ND(0.44)	NA
Fluorene	ND(0.44)	ND(0.36)	ND(0.44)	NA
Hexachlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
Hexachlorobutadiene	ND(0.44)	ND(0.36)	ND(0.44)	NA
Hexachlorocyclopentadiene	ND(2.2)	ND(1.7)	ND(2.1)	NA
Hexachloroethane	ND(0.44)	ND(0.36)	ND(0.44)	NA
Hexachlorophene	ND(9.0)	ND(7.3)	ND(8.9)	NA
Hexachloropropene	ND(4.4)	ND(3.6)	ND(4.4)	NA
Indeno(1,2,3-cd)pyrene	0.16 J	0.081 J	ND(0.44)	NA
Isodrin	ND(0.44)	ND(0.36)	ND(0.44)	NA
Isophorone	ND(0.44)	ND(0.36)	ND(0.44)	NA
Isosafrole	ND(0.89)	ND(0.72)	ND(0.88)	NA
Methapyrilene	ND(2.2)	ND(1.7)	ND(2.1)	NA
Methyl Methanesulfonate	ND(0.44)	ND(0.36)	ND(0.44)	NA
Naphthalene	ND(0.44)	ND(0.36)	ND(0.44)	NA
Nitrobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosodiethylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosodimethylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitroso-di-n-butylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitroso-di-n-propylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosodiphenylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosomethylethylamine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosomorpholine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosopiperidine	ND(0.44)	ND(0.36)	ND(0.44)	NA
N-Nitrosopyrrolidine	ND(0.44)	ND(0.36)	ND(0.44)	NA
o,o,o-Triethylphosphorothioate	ND(2.2)	ND(1.7)	ND(2.1)	NA
o-Toluidine	ND(0.89)	ND(0.72)	ND(0.88)	NA
p-Dimethylaminoazobenzene	ND(0.89)	ND(0.72)	ND(0.88)	NA
Pentachlorobenzene	ND(0.44)	ND(0.36)	ND(0.44)	NA
Pentachloroethane	ND(2.2)	ND(1.7)	ND(2.1)	NA
Pentachloronitrobenzene	ND(2.2)	ND(1.7)	ND(2.1)	NA
Pentachlorophenol	ND(2.2)	ND(1.7)	ND(2.1)	NA
Phenacetin	ND(0.89)	ND(0.72)	ND(0.88)	NA
Phenanthrene	0.58	0.44	ND(0.44)	NA
Phenol	ND(0.44)	ND(0.36)	ND(0.44)	NA
Pronamide	ND(0.89)	ND(0.72)	ND(0.88)	NA
Pyrene	0.67	0.42	ND(0.44)	NA
Pyridine	ND(0.89)	ND(0.72)	ND(0.88)	NA
Safrole	ND(0.89)	ND(0.72)	ND(0.88)	NA
Thionazin	ND(2.2)	ND(1.7)	ND(2.1)	NA

TABLE E-76
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample ID:	RAA15-G6	RAA15-G6	RAA15-G6	RAA15-G6
Sample Depth(Feet):	0-1	1-3	10-15	12-14
Parameter / Date Collected:	03/05/03	03/05/03	03/05/03	03/05/03
Furans				
2,3,7,8-TCDF	ND(0.0000052) X	0.0000052	ND(0.00000018)	NA
TCDFs (total)	ND(0.000024) X	ND(0.000018) X	ND(0.00000012) X	NA
1,2,3,7,8-PeCDF	ND(0.00000089) X	ND(0.0000017) X	ND(0.000000094)	NA
2,3,4,7,8-PeCDF	0.0000017 J	0.0000015 J	ND(0.000000090)	NA
PeCDFs (total)	ND(0.000023) X	ND(0.000012) X	ND(0.000000092)	NA
1,2,3,4,7,8-HxCDF	0.00000089 J	0.0000015 J	ND(0.000000056)	NA
1,2,3,6,7,8-HxCDF	ND(0.0000016) X	ND(0.00000075) X	ND(0.000000052)	NA
1,2,3,7,8,9-HxCDF	ND(0.000000099)	ND(0.000000098)	ND(0.000000066)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000035) X	ND(0.00000023) X	ND(0.000000060)	NA
HxCDFs (total)	ND(0.000013) XQJ	ND(0.0000073) X	ND(0.000000058)	NA
1,2,3,4,6,7,8-HpCDF	0.0000033 J	0.0000050 J	ND(0.000000097)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000023) X	0.00000053 J	ND(0.00000012)	NA
HpCDFs (total)	ND(0.0000070) X	0.000012	ND(0.00000011)	NA
OCDF	0.0000057 J	0.000011 J	0.00000039 J	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000025)	ND(0.00000026)	ND(0.00000023)	NA
TCDDs (total)	ND(0.00000025)	ND(0.00000026)	ND(0.00000023)	NA
1,2,3,7,8-PeCDD	ND(0.00000013)	ND(0.00000014)	ND(0.00000011)	NA
PeCDDs (total)	ND(0.00000029) X	ND(0.00000014)	ND(0.00000011)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000014)	ND(0.00000015)	ND(0.00000011)	NA
1,2,3,6,7,8-HxCDD	0.00000045 J	0.00000064 J	ND(0.000000099)	NA
1,2,3,7,8,9-HxCDD	0.00000045 JQ	ND(0.00000014)	ND(0.00000010)	NA
HxCDDs (total)	ND(0.0000034) XQJ	ND(0.0000027) X	ND(0.00000030) X	NA
1,2,3,4,6,7,8-HpCDD	0.0000074	0.000012	ND(0.00000027) X	NA
HpCDDs (total)	0.000013	0.000020	ND(0.00000045) X	NA
OCDD	0.000069	0.00013 J	0.0000021 QJ	NA
Total TEQs (WHO TEFs)	0.0000017	0.0000020	0.00000023	NA
Inorganics				
Antimony	ND(8.10) J	ND(6.50) J	ND(8.00) J	NA
Arsenic	2.30	1.80	2.00	NA
Barium	24.9 B	23.0	19.3 B	NA
Beryllium	0.340 B	0.300 B	0.320 B	NA
Cadmium	ND(0.670)	ND(0.540)	ND(0.660)	NA
Chromium	14.6	10.4	6.90	NA
Cobalt	5.40 B	5.10 B	5.80 B	NA
Copper	16.1	11.9	6.1	NA
Cyanide	ND(0.670)	ND(0.540)	ND(0.660)	NA
Lead	24.5	17.1	3.60	NA
Mercury	0.200 J	0.160 J	ND(0.0440) J	NA
Nickel	10.8	9.20	10.3	NA
Selenium	ND(0.670)	ND(0.540)	ND(0.660)	NA
Silver	ND(1.30)	ND(1.10)	ND(1.30)	NA
Sulfide	ND(13.5)	ND(10.9)	ND(13.3)	NA
Thallium	ND(1.30) J	ND(1.10) J	ND(1.30) J	NA
Tin	ND(6.30)	ND(4.60)	ND(4.30)	NA
Vanadium	10.2	7.80	8.30	NA
Zinc	56.5	42.1	41.7	NA

Notes:
1. Laboratory qualifiers are defined in Table C-2.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-77
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
2-Butanone	0.014	6,900	No
Acetone	0.035	1,400	No
Benzene	0.0021	0.62	No
Methylene Chloride	0.004	8.5	No
Toluene	0.001	520	No
trans-1,2-Dichloroethene	0.0057	62	No
Trichloroethene	0.0065	2.7	No
Vinyl Chloride	0.0028	0.021	No
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	5.3	16	No
1,2,4-Trichlorobenzene	0.1	480	No
2,4-Dinitrotoluene	0.86	110	No
2-Methylnaphthalene	7.3	55*	No
2-Picoline	0.076	55*	No
3&4-Methylphenol	0.57	270*	No
3-Methylcholanthrene	5.7	0.056*	No (See Note 6)
Acenaphthene	30	2,600	No
Acenaphthylene	4	55*	No
Acetophenone	0.16	0.49	No
Aniline	0.31	78	No
Anthracene	80	14,000	No
Benzo(a)anthracene	210	0.56	**Yes**
Benzo(a)pyrene	160	0.056	**Yes**
Benzo(b)fluoranthene	160	0.56	**Yes**
Benzo(g,h,i)perylene	36	55*	No
Benzo(k)fluoranthene	120	5.6	**Yes**
bis(2-Ethylhexyl)phthalate	1.2	32	No
Chrysene	200	56	**Yes**
Dibenzo(a,h)anthracene	19	0.056	**Yes**
Dibenzofuran	20	210	No
Di-n-Butylphthalate	0.092	5,500	No
Fluoranthene	520	2,000	No
Fluorene	38	1,800	No
Indeno(1,2,3-cd)pyrene	49	0.56	**Yes**
Isophorone	0.28	470	No
Naphthalene	20	55	No
Pentachlorobenzene	0.37	44	No
Phenanthrene	300	55*	**Yes**
Phenol	0.41	33,000	No
Pyrene	360	1,500	No
Inorganics			
Antimony	2.2	30	No
Arsenic	7.2	0.38	**Yes**
Barium	125	5,200	No
Beryllium	0.44	150	No
Cadmium	0.7	37	No
Chromium	15.5	210	No
Cobalt	7.9	3,300	No
Copper	77	2,800	No
Cyanide	0.55	11*	No
Lead	220	400	No
Mercury	3.8	22	No
Nickel	17.8	1,500	No
Selenium	6.2	370	No
Silver	1.2	370	No
Sulfide	46	350*	No
Thallium	1	6	No
Vanadium	19	520	No
Zinc	688	22,000	No

TABLE E-77
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA R2

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.
6. Constituent screened out based on very low frequency of detection, as discussed in section 3.3.3.

TABLE E-78
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C6 0-1 03/06/03	RAA15-C6 0-1 05/05/04	RAA15-E7 0-1 02/27/03	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	See Note 1	0.96	13	0.79	5.2
Benzo(a)pyrene	See Note 1	**0.21**	12	0.30	3.6
Benzo(b)fluoranthene	See Note 1	0.55	12	0.29	2.8
Benzo(k)fluoranthene	See Note 1	0.68	9.1	0.34	4.0
Chrysene	See Note 1	1.1	15	0.83	6.0
Dibenzo(a,h)anthracene	See Note 1	0.11	2.1	**0.30**	0.73
Indeno(1,2,3-cd)pyrene	See Note 1	0.34	6.1	0.13	2.0
Phenanthrene	See Note 1	1.9	25	3.3	6.3
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00016	--	0.000017	--	--
Inorganics					
Arsenic	4.30	--	5.80	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	RAA15-E7W 0-1 09/20/04	RAA15-F7 0-1 09/16/04	COMP-E7 0-1 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	20	2.2	**0.25**	0.57	8.2
Benzo(a)pyrene	9.7	1.2	**0.25**	0.46	5.4
Benzo(b)fluoranthene	9.2	1.2	**0.25**	0.23	5.10
Benzo(k)fluoranthene	11	1.3	**0.25**	0.65	5.15
Chrysene	20	2.2	**0.25**	0.90	8.8
Dibenzo(a,h)anthracene	1.9	0.27	**0.25**	**0.25**	1.1
Indeno(1,2,3-cd)pyrene	4.6	0.57	**0.25**	0.20	2.68
Phenanthrene	37	3.2	0.16	0.99	14.96
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	
Inorganics					
Arsenic	--	--	--	--	

See notes on page 2.

TABLE E-78
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G6 0-1 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Initial Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)anthracene	0.38	N/A (See Note 7)	2.08	0.7	**Yes**
Benzo(a)pyrene	0.45	N/A (See Note 7)	1.35	0.7	**Yes**
Benzo(b)fluoranthene	0.44	N/A (See Note 7)	1.31	0.7	**Yes**
Benzo(k)fluoranthene	0.53	N/A (See Note 7)	1.45	7	No
Chrysene	0.49	N/A (See Note 7)	2.31	7	No
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 7)	0.38	0.7	No
Indeno(1,2,3-cd)pyrene	0.16	N/A (See Note 7)	0.73	0.7	**Yes**
Phenanthrene	0.58	N/A (See Note 7)	3.72	100	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000017	1.60E-04	N/A (See Note 7)	1.00E-03	No
Inorganics					
Arsenic	2.30	N/A (See Note 7)	4.13	30	No

Notes:
1. The SVOC results for this sample location are not presented because the location was resampled due to high detection limits. SVOC results for RAA15-C6 (0-1'; 5/5/04) are included.
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7 (0-1'; 2/27/03), RAA15-E7NE (0-1', 5/4/04), RAA15-E7NW (0-1'; 5/4/04), RAA15-E7SE (0-1'; 5/4/04), RAA15-E7SW (0-1'; 5/4/04).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. -- = Constituent not subject to analysis.

TABLE E-79
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C6 0-1 03/06/03	RAA15-C6 0-1 05/05/04	RAA15-E7 0-1 02/27/03	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	See Note 1	0.96	13	0.79	5.2
Benzo(a)pyrene	See Note 1	**0.21**	12	0.30	3.6
Benzo(b)fluoranthene	See Note 1	0.55	12	0.29	2.8
Benzo(k)fluoranthene	See Note 1	0.68	9.1	0.34	4.0
Chrysene	See Note 1	1.1	15	0.83	6.0
Dibenzo(a,h)anthracene	See Note 1	0.11	2.1	**0.30**	0.73
Indeno(1,2,3-cd)pyrene	See Note 1	0.34	6.1	0.13	2.0
Phenanthrene	See Note 1	1.9	25	3.3	6.3
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00016	--	0.000017	--	--
Inorganics					
Arsenic	4.30	--	5.80	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	COMP-E7 0-1 (See Note 2)	RAA15-E7W 0-1 09/20/04	RAA15-F7 0-1 09/16/04
Semivolatile Organics					
Benzo(a)anthracene	20	2.2	8.2	**0.25**	0.57
Benzo(a)pyrene	9.7	1.2	5.4	**0.25**	0.46
Benzo(b)fluoranthene	9.2	1.2	5.10	**0.25**	0.23
Benzo(k)fluoranthene	11	1.3	5.15	**0.25**	0.65
Chrysene	20	2.2	8.8	**0.25**	0.90
Dibenzo(a,h)anthracene	1.9	0.27	1.1	**0.25**	**0.25**
Indeno(1,2,3-cd)pyrene	4.6	0.57	2.68	**0.25**	0.20
Phenanthrene	37	3.2	14.96	0.16	0.99
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

See notes on page 4.

TABLE E-79
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G6 0-1 03/05/03	RAA15-C6 1-3 03/06/03	RAA15-E7W 1-3 09/20/04	RAA15-E7(B) 1-3 05/04/04	RAA15-E7BSE 1-3 09/20/04
Semivolatile Organics					
Benzo(a)anthracene	0.38	0.64	**0.22**	54	0.75
Benzo(a)pyrene	0.45	0.65	**0.22**	32	0.33
Benzo(b)fluoranthene	0.44	0.60	**0.22**	25	0.20
Benzo(k)fluoranthene	0.53	0.63	**0.22**	32	0.50
Chrysene	0.49	0.73	**0.22**	54	0.86
Dibenzo(a,h)anthracene	**0.22**	0.10	**0.22**	6.6	**0.24**
Indeno(1,2,3-cd)pyrene	0.16	0.31	**0.22**	17	**0.24**
Phenanthrene	0.58	0.87	**0.22**	130	2.6
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000017	0.000070	--	--	--
Inorganics					
Arsenic	2.30	7.00	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E8 1-3 02/26/03	RAA15-E8NE 1-3 05/04/04	RAA15-E8NEE 1-3 09/16/04	RAA15-E8NENE 1-3 09/16/04	RAA15-E8NW 1-3 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	210	60	0.19	**0.19**	100
Benzo(a)pyrene	160	28	0.14	**0.19**	38
Benzo(b)fluoranthene	160	29	0.10	**0.19**	37
Benzo(k)fluoranthene	120	28	0.16	**0.19**	38
Chrysene	200	58	0.25	0.085	98
Dibenzo(a,h)anthracene	19	4.2	**0.18**	**0.19**	6.1
Indeno(1,2,3-cd)pyrene	49	12	**0.18**	**0.19**	17
Phenanthrene	300	39	0.34	0.078	150
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00039	--	--	--	--
Inorganics					
Arsenic	4.40	--	--	--	--

See notes on page 4.

TABLE E-79
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E8NWNE 1-3 09/16/04	RAA15-E8NWNW 1-3 09/16/04	RAA15-E8SE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	Comp-E8 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.10	27	2.2	33	44.3
Benzo(a)pyrene	**0.18**	14	1.3	15	26.3
Benzo(b)fluoranthene	**0.18**	11	1.1	14	25.3
Benzo(k)fluoranthene	0.092	16	1.4	22	23.5
Chrysene	0.13	29	2.1	33	43.2
Dibenzo(a,h)anthracene	**0.18**	1.7	0.26	2.6	3.75
Indeno(1,2,3-cd)pyrene	**0.18**	4.6	0.63	6.6	9.78
Phenanthrene	0.15	57	1.9	64	67.7
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-F7 1-3 09/16/04	RAA15-G6 1-3 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Initial Comparison Criteria? (See Note 8)
Semivolatile Organics						
Benzo(a)anthracene	0.18	0.26	N/A (See Note 8)	5.60	0.7	**Yes**
Benzo(a)pyrene	0.12	0.26	N/A (See Note 8)	3.43	0.7	**Yes**
Benzo(b)fluoranthene	**0.23**	0.26	N/A (See Note 8)	3.31	0.7	**Yes**
Benzo(k)fluoranthene	0.13	0.25	N/A (See Note 8)	3.20	7	No
Chrysene	0.26	0.29	N/A (See Note 8)	5.63	7	**Yes**
Dibenzo(a,h)anthracene	**0.23**	**0.18**	N/A (See Note 8)	0.64	0.7	**Yes**
Indeno(1,2,3-cd)pyrene	**0.23**	0.081	N/A (See Note 8)	1.43	0.7	**Yes**
Phenanthrene	0.47	0.44	N/A (See Note 8)	8.83	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	0.0000020	3.90E-04	N/A (See Note 8)	1.00E-03	No
Inorganics						
Arsenic	--	1.80	N/A (See Note 8)	4.27	30	No

See notes on page 4.

TABLE E-79
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results for this sample location are not presented because the location was resampled due to high detection limits. SVOC results for RAA15-C6 (0-1'; 5/5/04) are included.
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7 (0-1'; 2/27/03), RAA15-E7NE (0-1', 5/4/04), RAA15-E7NW (0-1'; 5/4/04), RAA15-E7SE (0-1'; 5/4/04), and RAA15-E7SW (0-1'; 5/4/04).
3. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7(B) (1-3'; 5/4/04), RAA15-E8 (1-3'; 2/26/03), RAA15-E8NE (1-3'; 5/4/04), RAA15-E8NW (1-3'; 5/4/04), RAA15-E8SE (1-3'; 5/4/04), RAA15-E8SW (1-3'; 5/4/04), RAA15-E7BSE (1-3': 9/20/04), RAA15-E8NEE (1-3'; 9/16/04), RAA15-E8NENE (1-3'; 9/16/04), RAA15-E8NWNE (1-3'; 9/16/04), and RAA15-E8NWNW (1-3'; 9/16/04).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. -- =Constituent not subject to analysis.

TABLE E-80
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C6 0-1 03/06/03	RAA15-C6 0-1 05/05/04	RAA15-E7 0-1 02/27/03	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	See Note 1	0.96	13	0.79	5.2
Benzo(a)pyrene	See Note 1	**0.21**	12	0.30	3.6
Benzo(b)fluoranthene	See Note 1	0.55	12	0.29	2.8
Benzo(k)fluoranthene	See Note 1	0.68	9.1	0.34	4.0
Chrysene	See Note 1	1.1	15	0.83	6.0
Dibenzo(a,h)anthracene	See Note 1	0.11	2.1	**0.30**	0.73
Indeno(1,2,3-cd)pyrene	See Note 1	0.34	6.1	0.13	2.0
Phenanthrene	See Note 1	1.9	25	3.3	6.3
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 10	--	See Note 10	--	--
Inorganics					
Arsenic	4.30	--	5.80	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	COMP-E7 0-1 (See Note 2)	RAA15-E7W 0-1 09/20/04	RAA15-F7 0-1 09/16/04
Semivolatile Organics					
Benzo(a)anthracene	20	2.2	8.2	**0.25**	0.57
Benzo(a)pyrene	9.7	1.2	5.4	**0.25**	0.46
Benzo(b)fluoranthene	9.2	1.2	5.10	**0.25**	0.23
Benzo(k)fluoranthene	11	1.3	5.15	**0.25**	0.65
Chrysene	20	2.2	8.8	**0.25**	0.90
Dibenzo(a,h)anthracene	1.9	0.27	1.1	**0.25**	**0.25**
Indeno(1,2,3-cd)pyrene	4.6	0.57	2.68	**0.25**	0.20
Phenanthrene	37	3.2	14.96	0.16	0.99
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

See notes on page 4.

TABLE E-80
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G6 0-1 03/05/03	RAA15-C6 1-3 03/06/03	RAA15-E7W 1-3 09/20/04	RAA15-E7(B) 1-3 05/04/04	RAA15-E7BSE 1-3 09/20/04
Semivolatile Organics					
Benzo(a)anthracene	0.38	0.64	**0.22**	54	0.75
Benzo(a)pyrene	0.45	0.65	**0.22**	32	0.33
Benzo(b)fluoranthene	0.44	0.60	**0.22**	25	0.20
Benzo(k)fluoranthene	0.53	0.63	**0.22**	32	0.50
Chrysene	0.49	0.73	**0.22**	54	0.86
Dibenzo(a,h)anthracene	**0.22**	0.10	**0.22**	6.6	**0.24**
Indeno(1,2,3-cd)pyrene	0.16	0.31	**0.22**	17	**0.24**
Phenanthrene	0.58	0.87	**0.22**	130	2.6
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 10	See Note 10	--	--	--
Inorganics					
Arsenic	2.30	7.00	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E8 1-3 02/26/03	RAA15-E8NE 1-3 05/04/04	RAA15-E8NEE 1-3 09/16/04	RAA15-E8NENE 1-3 09/16/04	RAA15-E8NW 1-3 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	210	60	0.19	**0.19**	100
Benzo(a)pyrene	160	28	0.14	**0.19**	38
Benzo(b)fluoranthene	160	29	0.10	**0.19**	37
Benzo(k)fluoranthene	120	28	0.16	**0.19**	38
Chrysene	200	58	0.25	0.085	98
Dibenzo(a,h)anthracene	19	4.2	**0.18**	**0.19**	6.1
Indeno(1,2,3-cd)pyrene	49	12	**0.18**	**0.19**	17
Phenanthrene	300	39	0.34	0.078	150
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 10	--	--	--	--
Inorganics					
Arsenic	4.40	--	--	--	--

See notes on page 4.

TABLE E-80
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E8NWNE 1-3 09/16/04	RAA15-E8NWNW 1-3 09/16/04	RAA15-E8SE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	Comp-E8 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.10	27	2.2	33	44.3
Benzo(a)pyrene	**0.18**	14	1.3	15	26.3
Benzo(b)fluoranthene	**0.18**	11	1.1	14	25.3
Benzo(k)fluoranthene	0.092	16	1.4	22	23.5
Chrysene	0.13	29	2.1	33	43.2
Dibenzo(a,h)anthracene	**0.18**	1.7	0.26	2.6	3.75
Indeno(1,2,3-cd)pyrene	**0.18**	4.6	0.63	6.6	9.78
Phenanthrene	0.15	57	1.9	64	67.7
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-F7 1-3 09/16/04	RAA15-G6 1-3 03/05/03	RAA15-C6 3-6 03/06/03	RAA15-C6 6-10 05/05/04	RAA15-F7 6-10 03/05/03
Semivolatile Organics					
Benzo(a)anthracene	0.18	0.26	2.1	1.4	**0.22**
Benzo(a)pyrene	0.12	0.26	2.3	1.0	**0.22**
Benzo(b)fluoranthene	**0.23**	0.26	2.2	1.0	**0.22**
Benzo(k)fluoranthene	0.13	0.25	2.2	1.0	**0.22**
Chrysene	0.26	0.29	2.6	1.6	**0.22**
Dibenzo(a,h)anthracene	**0.23**	**0.18**	0.35	0.19	**0.22**
Indeno(1,2,3-cd)pyrene	**0.23**	0.081	1.2	0.62	**0.22**
Phenanthrene	0.47	0.44	2.3	1.7	**0.22**
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	See Note 10	0.000034	0.000070	0.00000034
Inorganics					
Arsenic	--	1.80	7.20	3.60	5.70

See notes on page 4.

TABLE E-80
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G6 10-15 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Initial Comparison Criteria? (See Note 8)
Semivolatile Organics					
Benzo(a)anthracene	**0.22**	N/A (See Note 8)	4.28	1	**Yes**
Benzo(a)pyrene	**0.22**	N/A (See Note 8)	2.71	0.7	**Yes**
Benzo(b)fluoranthene	**0.22**	N/A (See Note 8)	2.63	1	**Yes**
Benzo(k)fluoranthene	**0.22**	N/A (See Note 8)	2.54	10	No
Chrysene	**0.22**	N/A (See Note 8)	4.35	10	No
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 8)	0.53	0.7	No
Indeno(1,2,3-cd)pyrene	**0.22**	N/A (See Note 8)	1.18	1	**Yes**
Phenanthrene	**0.22**	N/A (See Note 8)	6.63	100	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000023	7.00E-05	N/A (See Note 8)	1.00E-03	No
Inorganics					
Arsenic	2.00	N/A (See Note 8)	4.41	30	No

Notes:
1. The SVOC results for this sample location are not presented because the location was resampled due to high detection limits. SVOC results for RAA15-C6 (0-1'; 5/5/04) are included.
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7 (0-1'; 2/27/03), RAA15-E7NE (0-1', 5/4/04), RAA15-E7NW (0-1'; 5/4/04), RAA15-E7SE (0-1'; 5/4/04), and RAA15-E7SW (0-1'; 5/4/04).
3. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7(B) (1-3'; 5/4/04), RAA15-E8 (1-3'; 2/26/03), RAA15-E8NE (1-3'; 5/4/04), RAA15-E8NW (1-3'; 5/4/04), RAA15-E8SE (1-3'; 5/4/04), RAA15-E8SW (1-3'; 5/4/04), RAA15-E7BSE (1-3': 9/20/04), RAA15-E8NEE (1-3'; 9/16/04), RAA15-E8NENE (1-3'; 9/16/04), RAA15-E8NWNE (1-3'; 9/16/04), and RAA15-E8NWNW (1-3'; 9/16/04).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. -- = Constituent not subject to analysis.
10. Total TEQs (WHO TEFs) were evatuated for the 3- to 15-foot depth increment only.

TABLE E-81
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C6 0-1 03/06/03	RAA15-C6 0-1 05/05/04	RAA15-E7 0-1 02/27/03	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	See Note 1	0.96	***0.198***	0.79	5.2
Benzo(a)pyrene	See Note 1	**0.21**	***0.198***	0.30	3.6
Benzo(b)fluoranthene	See Note 1	0.55	***0.198***	0.29	2.8
Benzo(k)fluoranthene	See Note 1	0.68	***0.198***	0.34	4.0
Chrysene	See Note 1	1.1	***0.198***	0.83	6.0
Dibenzo(a,h)anthracene	See Note 1	0.11	***0.256***	**0.30**	0.73
Indeno(1,2,3-cd)pyrene	See Note 1	0.34	***0.256***	0.13	2.0
Phenanthrene	See Note 1	1.9	***0.198***	3.3	6.3
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00016	--	0.000017	--	--
Inorganics					
Arsenic	4.30	--	5.80	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	COMP-E7 0-1 (See Note 2)	RAA15-E7W 0-1 09/20/04	RAA15-F7 0-1 09/16/04
Semivolatile Organics					
Benzo(a)anthracene	20	2.2	5.7	**0.25**	0.57
Benzo(a)pyrene	9.7	1.2	3.0	**0.25**	0.46
Benzo(b)fluoranthene	9.2	1.2	2.74	**0.25**	0.23
Benzo(k)fluoranthene	11	1.3	3.37	**0.25**	0.65
Chrysene	20	2.2	5.8	**0.25**	0.90
Dibenzo(a,h)anthracene	1.9	0.27	0.7	**0.25**	**0.25**
Indeno(1,2,3-cd)pyrene	4.6	0.57	1.51	**0.25**	0.20
Phenanthrene	37	3.2	10.00	0.16	0.99
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

See notes on page 2.

TABLE E-81
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G6 0-1 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 5)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 6)	Constituent Exceeds Initial Comparison Criteria? (See Note 7)
Semivolatile Organics					
Benzo(a)anthracene	0.38	N/A (See Note 7)	1.57	0.7	**Yes**
Benzo(a)pyrene	0.45	N/A (See Note 7)	0.87	0.7	**Yes**
Benzo(b)fluoranthene	0.44	N/A (See Note 7)	0.84	0.7	**Yes**
Benzo(k)fluoranthene	0.53	N/A (See Note 7)	1.10	7	No
Chrysene	0.49	N/A (See Note 7)	1.72	7	No
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 7)	0.30	0.7	No
Indeno(1,2,3-cd)pyrene	0.16	N/A (See Note 7)	0.49	0.7	No
Phenanthrene	0.58	N/A (See Note 7)	2.73	100	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000017	1.60E-04	N/A (See Note 7)	1.00E-03	No
Inorganics					
Arsenic	2.30	N/A (See Note 7)	4.13	30	No

Notes:
1. The SVOC results for this sample location are not presented because the location was resampled due to high detection limits. SVOC results for RAA15-C6 (0-1'; 5/5/04) are included.
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7 (0-1'; 2/27/03), RAA15-E7NE (0-1', 5/4/04), RAA15-E7NW (0-1'; 5/4/04), RAA15-E7SE (0-1'; 5/4/04), RAA15-E7SW (0-1'; 5/4/04).
3. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
4. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
5. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
6. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
7. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
8. -- = Constituent not subject to analysis.
9. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill constituent concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-82
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C6 0-1 03/06/03	RAA15-C6 0-1 05/05/04	RAA15-E7 0-1 02/27/03	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	See Note 1	0.96	***0.198***	0.79	5.2
Benzo(a)pyrene	See Note 1	**0.21**	***0.198***	0.30	3.6
Benzo(b)fluoranthene	See Note 1	0.55	***0.198***	0.29	2.8
Benzo(k)fluoranthene	See Note 1	0.68	***0.198***	0.34	4.0
Chrysene	See Note 1	1.1	***0.198***	0.83	6.0
Dibenzo(a,h)anthracene	See Note 1	0.11	***0.256***	**0.30**	0.73
Indeno(1,2,3-cd)pyrene	See Note 1	0.34	***0.256***	0.13	2.0
Phenanthrene	See Note 1	1.9	***0.198***	3.3	6.3
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00016	--	0.000017	--	--
Inorganics					
Arsenic	4.30	--	5.80	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	COMP-E7 0-1 (See Note 2)	RAA15-E7W 0-1 09/20/04	RAA15-F7 0-1 09/16/04
Semivolatile Organics					
Benzo(a)anthracene	20	2.2	5.7	**0.25**	0.57
Benzo(a)pyrene	9.7	1.2	3.0	**0.25**	0.46
Benzo(b)fluoranthene	9.2	1.2	2.74	**0.25**	0.23
Benzo(k)fluoranthene	11	1.3	3.37	**0.25**	0.65
Chrysene	20	2.2	5.8	**0.25**	0.90
Dibenzo(a,h)anthracene	1.9	0.27	0.7	**0.25**	**0.25**
Indeno(1,2,3-cd)pyrene	4.6	0.57	1.51	**0.25**	0.20
Phenanthrene	37	3.2	10.00	0.16	0.99
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

See notes on page 4.

TABLE E-82
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-G6 0-1 03/05/03	RAA15-C6 1-3 03/06/03	RAA15-E7W 1-3 09/20/04	RAA15-E7(B) 1-3 05/04/04	RAA15-E7BSE 1-3 09/20/04
Semivolatile Organics					
Benzo(a)anthracene	0.38	0.64	**0.22**	***0.198***	0.75
Benzo(a)pyrene	0.45	0.65	**0.22**	***0.198***	0.33
Benzo(b)fluoranthene	0.44	0.60	**0.22**	***0.198***	0.20
Benzo(k)fluoranthene	0.53	0.63	**0.22**	***0.198***	0.50
Chrysene	0.49	0.73	**0.22**	***0.198***	0.86
Dibenzo(a,h)anthracene	**0.22**	0.10	**0.22**	***0.256***	**0.24**
Indeno(1,2,3-cd)pyrene	0.16	0.31	**0.22**	***0.256***	**0.24**
Phenanthrene	0.58	0.87	**0.22**	***0.198***	2.6
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000017	0.000070	--	--	--
Inorganics					
Arsenic	2.30	7.00	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E8 1-3 02/26/03	RAA15-E8NE 1-3 05/04/04	RAA15-E8NEE 1-3 09/16/04	RAA15-E8NENE 1-3 09/16/04	RAA15-E8NW 1-3 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	***0.198***	***0.198***	0.19	**0.19**	***0.198***
Benzo(a)pyrene	***0.198***	***0.198***	0.14	**0.19**	***0.198***
Benzo(b)fluoranthene	***0.198***	***0.198***	0.10	**0.19**	***0.198***
Benzo(k)fluoranthene	***0.198***	***0.198***	0.16	**0.19**	***0.198***
Chrysene	***0.198***	***0.198***	0.25	0.085	***0.198***
Dibenzo(a,h)anthracene	***0.256***	***0.256***	**0.18**	**0.19**	***0.256***
Indeno(1,2,3-cd)pyrene	***0.256***	***0.256***	**0.18**	**0.19**	***0.256***
Phenanthrene	***0.198***	***0.198***	0.34	0.078	***0.198***
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00039	--	--	--	--
Inorganics					
Arsenic	4.40	--	--	--	--

See notes on page 4.

TABLE E-82
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E8NWNE 1-3 09/16/04	RAA15-E8NWNW 1-3 09/16/04	RAA15-E8SE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	Comp-E8 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.10	27	2.2	***0.198***	2.9
Benzo(a)pyrene	**0.18**	14	1.3	***0.198***	1.6
Benzo(b)fluoranthene	**0.18**	11	1.1	***0.198***	1.3
Benzo(k)fluoranthene	0.092	16	1.4	***0.198***	1.8
Chrysene	0.13	29	2.1	***0.198***	3.0
Dibenzo(a,h)anthracene	**0.18**	1.7	0.26	***0.256***	0.37
Indeno(1,2,3-cd)pyrene	**0.18**	4.6	0.63	***0.256***	0.66
Phenanthrene	0.15	57	1.9	***0.198***	5.7
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-F7 1-3 09/16/04	RAA15-G6 1-3 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Initial Comparison Criteria? (See Note 8)
Semivolatile Organics						
Benzo(a)anthracene	0.18	0.26	N/A (See Note 8)	1.20	0.7	**Yes**
Benzo(a)pyrene	0.12	0.26	N/A (See Note 8)	0.72	0.7	**Yes**
Benzo(b)fluoranthene	**0.23**	0.26	N/A (See Note 8)	0.68	0.7	No
Benzo(k)fluoranthene	0.13	0.25	N/A (See Note 8)	0.85	7	No
Chrysene	0.26	0.29	N/A (See Note 8)	1.31	7	No
Dibenzo(a,h)anthracene	**0.23**	**0.18**	N/A (See Note 8)	0.26	0.7	No
Indeno(1,2,3-cd)pyrene	**0.23**	0.081	N/A (See Note 8)	0.40	0.7	No
Phenanthrene	0.47	0.44	N/A (See Note 8)	2.14	100	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	--	0.0000020	3.90E-04	N/A (See Note 8)	1.00E-03	No
Inorganics						
Arsenic	--	1.80	N/A (See Note 8)	4.27	30	No

See notes on page 4.

TABLE E-82
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:

1. The SVOC results for this sample location are not presented because the location was resampled due to high detection limits. SVOC results for RAA15-C6 (0-1'; 5/5/04) are included.
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7 (0-1'; 2/27/03), RAA15-E7NE (0-1', 5/4/04), RAA15-E7NW (0-1'; 5/4/04), RAA15-E7SE (0-1'; 5/4/04), RAA15-E7SW (0-1'; 5/4/04).
3. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7(B) (1-3'; 5/4/04), RAA15-E8 (1-3'; 2/26/03), RAA15-E8NE (1-3'; 5/4/04), RAA15-E8NW (1-3'; 5/4/04), RAA15-E8SE (1-3'; 5/4/04), RAA15-E8SW (1-3'; 5/4/04), RAA15-E7BSE (1-3': 9/20/04), RAA15-E8NEE (1-3'; 9/16/04), RAA15-E8NENE (1-3'; 9/16/04), RAA15-E8NWNE (1-3'; 9/16/04), and RAA15-E8NWNW (1-3'; 9/16/04).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. -- = Constituent not subject to analysis.
10. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill constituent concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-83
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-C6 0-1 03/06/03	RAA15-C6 0-1 05/05/04	RAA15-E7 0-1 02/27/03	RAA15-E7NE 0-1 05/04/04	RAA15-E7NW 0-1 05/04/04
Semivolatile Organics					
Benzo(a)anthracene	See Note 1	0.96	***0.198***	0.79	5.2
Benzo(a)pyrene	See Note 1	**0.21**	***0.198***	0.30	3.6
Benzo(b)fluoranthene	See Note 1	0.55	***0.198***	0.29	2.8
Benzo(k)fluoranthene	See Note 1	0.68	***0.198***	0.34	4.0
Chrysene	See Note 1	1.1	***0.198***	0.83	6.0
Dibenzo(a,h)anthracene	See Note 1	0.11	***0.256***	**0.30**	0.73
Indeno(1,2,3-cd)pyrene	See Note 1	0.34	***0.256***	0.13	2.0
Phenanthrene	See Note 1	1.9	***0.198***	3.3	6.3
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 10	--	See Note 10	--	--
Inorganics					
Arsenic	4.30	--	5.80	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E7SE 0-1 05/04/04	RAA15-E7SW 0-1 05/04/04	COMP-E7 0-1 (See Note 2)	RAA15-E7W 0-1 09/20/04	RAA15-F7 0-1 09/16/04
Semivolatile Organics					
Benzo(a)anthracene	20	2.2	5.7	**0.25**	0.57
Benzo(a)pyrene	9.7	1.2	3.0	**0.25**	0.46
Benzo(b)fluoranthene	9.2	1.2	2.74	**0.25**	0.23
Benzo(k)fluoranthene	11	1.3	3.37	**0.25**	0.65
Chrysene	20	2.2	5.8	**0.25**	0.90
Dibenzo(a,h)anthracene	1.9	0.27	0.7	**0.25**	**0.25**
Indeno(1,2,3-cd)pyrene	4.6	0.57	1.51	**0.25**	0.20
Phenanthrene	37	3.2	10.00	0.16	0.99
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

See notes on page 4.

TABLE E-83
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID:	RAA15-G6	RAA15-C6	RAA15-E7W	RAA15-E7(B)	RAA15-E7BSE
Sample Depth (Feet):	0-1	1-3	1-3	1-3	1-3
Parameter Date Collected:	03/05/03	03/06/03	09/20/04	05/04/04	09/20/04
Semivolatile Organics					
Benzo(a)anthracene	0.38	0.64	**0.22**	***0.198***	0.75
Benzo(a)pyrene	0.45	0.65	**0.22**	***0.198***	0.33
Benzo(b)fluoranthene	0.44	0.60	**0.22**	***0.198***	0.20
Benzo(k)fluoranthene	0.53	0.63	**0.22**	***0.198***	0.50
Chrysene	0.49	0.73	**0.22**	***0.198***	0.86
Dibenzo(a,h)anthracene	**0.22**	0.10	**0.22**	***0.256***	**0.24**
Indeno(1,2,3-cd)pyrene	0.16	0.31	**0.22**	***0.256***	**0.24**
Phenanthrene	0.58	0.87	**0.22**	***0.198***	2.6
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 10	See Note 10	--	--	--
Inorganics					
Arsenic	2.30	7.00	--	--	--

Sample ID:	RAA15-E8	RAA15-E8NE	RAA15-E8NEE	RAA15-E8NENE	RAA15-E8NW
Sample Depth (Feet):	1-3	1-3	1-3	1-3	1-3
Parameter Date Collected:	02/26/03	05/04/04	09/16/04	09/16/04	05/04/04
Semivolatile Organics					
Benzo(a)anthracene	***0.198***	***0.198***	0.19	**0.19**	***0.198***
Benzo(a)pyrene	***0.198***	***0.198***	0.14	**0.19**	***0.198***
Benzo(b)fluoranthene	***0.198***	***0.198***	0.10	**0.19**	***0.198***
Benzo(k)fluoranthene	***0.198***	***0.198***	0.16	**0.19**	***0.198***
Chrysene	***0.198***	***0.198***	0.25	0.085	***0.198***
Dibenzo(a,h)anthracene	***0.256***	***0.256***	**0.18**	**0.19**	***0.256***
Indeno(1,2,3-cd)pyrene	***0.256***	***0.256***	**0.18**	**0.19**	***0.256***
Phenanthrene	***0.198***	***0.198***	0.34	0.078	***0.198***
Dioxins/Furans					
Total TEQs (WHO TEFs)	See Note 10	--	--	--	--
Inorganics					
Arsenic	4.40	--	--	--	--

See notes on page 4.

TABLE E-83
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E8NWNE 1-3 09/16/04	RAA15-E8NWNW 1-3 09/16/04	RAA15-E8SE 1-3 05/04/04	RAA15-E8SW 1-3 05/04/04	Comp-E8 1-3 (See Note 2)
Semivolatile Organics					
Benzo(a)anthracene	0.10	27	2.2	***0.198***	2.9
Benzo(a)pyrene	**0.18**	14	1.3	***0.198***	1.6
Benzo(b)fluoranthene	**0.18**	11	1.1	***0.198***	1.3
Benzo(k)fluoranthene	0.092	16	1.4	***0.198***	1.8
Chrysene	0.13	29	2.1	***0.198***	3.0
Dibenzo(a,h)anthracene	**0.18**	1.7	0.26	***0.256***	0.37
Indeno(1,2,3-cd)pyrene	**0.18**	4.6	0.63	***0.256***	0.66
Phenanthrene	0.15	57	1.9	***0.198***	5.7
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	--	--	--	--
Inorganics					
Arsenic	--	--	--	--	--

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-F7 1-3 09/16/04	RAA15-G6 1-3 03/05/03	RAA15-C6 3-6 03/06/03	RAA15-C6 6-10 05/05/04	RAA15-F7 6-10 03/05/03
Semivolatile Organics					
Benzo(a)anthracene	0.18	0.26	2.1	1.4	**0.22**
Benzo(a)pyrene	0.12	0.26	2.3	1.0	**0.22**
Benzo(b)fluoranthene	**0.23**	0.26	2.2	1.0	**0.22**
Benzo(k)fluoranthene	0.13	0.25	2.2	1.0	**0.22**
Chrysene	0.26	0.29	2.6	1.6	**0.22**
Dibenzo(a,h)anthracene	**0.23**	**0.18**	0.35	0.19	**0.22**
Indeno(1,2,3-cd)pyrene	**0.23**	0.081	1.2	0.62	**0.22**
Phenanthrene	0.47	0.44	2.3	1.7	**0.22**
Dioxins/Furans					
Total TEQs (WHO TEFs)	--	See Note 10	0.000034	0.000070	0.00000034
Inorganics					
Arsenic	--	1.80	7.20	3.60	5.70

See notes on page 4.

TABLE E-83
POST-REMEDIATION CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-G6 10-15 03/05/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 6)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 7)	Constituent Exceeds Initial Comparison Criteria? (See Note 8)
Semivolatile Organics					
Benzo(a)anthracene	**0.22**	N/A (See Note 8)	1.14	1	**Yes**
Benzo(a)pyrene	**0.22**	N/A (See Note 8)	0.78	0.7	**Yes**
Benzo(b)fluoranthene	**0.22**	N/A (See Note 8)	0.74	1	No
Benzo(k)fluoranthene	**0.22**	N/A (See Note 8)	0.86	10	No
Chrysene	**0.22**	N/A (See Note 8)	1.27	10	No
Dibenzo(a,h)anthracene	**0.22**	N/A (See Note 8)	0.26	0.7	No
Indeno(1,2,3-cd)pyrene	**0.22**	N/A (See Note 8)	0.44	1	No
Phenanthrene	**0.22**	N/A (See Note 8)	1.84	100	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.00000023	7.00E-05	N/A (See Note 8)	1.00E-03	No
Inorganics					
Arsenic	2.00	N/A (See Note 8)	4.41	30	No

Notes:
1. The SVOC results for this sample location are not presented because the location was resampled due to high detection limits. SVOC results for RAA15-C6 (0-1'; 5/5/04) are included.
2. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7 (0-1'; 2/27/03), RAA15-E7NE (0-1', 5/4/04), RAA15-E7NW (0-1'; 5/4/04), RAA15-E7SE (0-1'; 5/4/04), and RAA15-E7SW (0-1'; 5/4/04).
3. The SVOC results presented for this sample location represent the average results from the following samples (depth; date collected): RAA15-E7(B) (1-3'; 5/4/04), RAA15-E8 (1-3'; 2/26/03), RAA15-E8NE (1-3'; 5/4/04), RAA15-E8NW (1-3'; 5/4/04), RAA15-E8SE (1-3'; 5/4/04), RAA15-E8SW (1-3'; 5/4/04), RAA15-E7BSE (1-3': 9/20/04), RAA15-E8NEE (1-3'; 9/16/04), RAA15-E8NENE (1-3'; 9/16/04), RAA15-E8NWNE (1-3'; 9/16/04), and RAA15-E8NWNW (1-3'; 9/16/04).
4. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
5. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
6. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
7. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
8. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
9. -- = Constituent not subject to analysis.
10. Total TEQs (WHO TEFs) were evatuated for the 3- to 15-foot depth increment only.
11. Shaded numbers in bold and italics represent the placement of clean backfill material following the performance of the proposed remediation. The backfill constituent concentrations correspond to the average concentrations of such constituents as presented in the CD Sites Backfill Data Set.

TABLE E-84
POST-REMEDIATION CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
RECREATIONAL AREA R2 (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	1.14	100	No
Benzo(a)pyrene	0.78	100	No
Benzo(b)fluoranthene	0.74	100	No
Benzo(k)fluoranthene	0.86	400	No
Chrysene	1.27	400	No
Dibenzo(a,h)anthracene	0.26	100	No
Indeno(1,2,3-cd)pyrene	0.44	100	No
Phenanthrene	1.84	10,000	No
Inorganics			
Arsenic	4.41	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Recreational Area R3A

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TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03	RAA15-E15N RAA15-E15N 0-1 05/04/04	RAA15-E15N RAA15-E15N 1-3 05/04/04	RAA15-E15N RAA15-E15N 3-6 05/04/04	RAA15-E15N RAA15-E15N 4-6 05/04/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1,1-Trichloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1,2,2-Tetrachloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1,2-Trichloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1-Dichloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,1-Dichloroethene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2,3-Trichloropropane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dibromo-3-chloropropane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dibromoethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dichloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,2-Dichloropropane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
1,4-Dioxane	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
2-Butanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)
2-Chloro-1,3-butadiene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
2-Chloroethylvinylether	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
2-Hexanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)
3-Chloropropene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
4-Methyl-2-pentanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)
Acetone	NA	ND(0.022) [ND(0.022)]	ND(0.022)	NA	ND(0.022)
Acetonitrile	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
Acrolein	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
Acrylonitrile	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Benzene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Bromodichloromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Bromoform	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Bromomethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Carbon Disulfide	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Carbon Tetrachloride	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chlorobenzene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chloroform	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Chloromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
cis-1,3-Dichloropropene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Dibromochloromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Dibromomethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Dichlorodifluoromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Ethyl Methacrylate	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Ethylbenzene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Iodomethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Isobutanol	NA	ND(0.11) J [ND(0.11) J]	ND(0.11) J	NA	ND(0.11) J
Methacrylonitrile	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Methyl Methacrylate	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Methylene Chloride	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Propionitrile	NA	ND(0.011) J [ND(0.011) J]	ND(0.011) J	NA	ND(0.011) J
Styrene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Tetrachloroethene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Toluene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
trans-1,2-Dichloroethene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
trans-1,3-Dichloropropene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
trans-1,4-Dichloro-2-butene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Trichloroethene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Trichlorofluoromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Vinyl Acetate	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Vinyl Chloride	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)
Xylenes (total)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0055)	NA	ND(0.0055)

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03	RAA15-E15N RAA15-E15N 0-1 05/04/04	RAA15-E15N RAA15-E15N 1-3 05/04/04	RAA15-E15N RAA15-E15N 3-6 05/04/04	RAA15-E15N RAA15-E15N 4-6 05/04/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(1.5) J	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,2,4-Trichlorobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,2-Dichlorobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,2-Diphenylhydrazine	NA	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
1,3,5-Trinitrobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,3-Dichlorobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,3-Dinitrobenzene	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
1,4-Dichlorobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
1,4-Naphthoquinone	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
1-Naphthylamine	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
2,3,4,6-Tetrachlorophenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4,5-Trichlorophenol	ND(3.8)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4,6-Trichlorophenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4-Dichlorophenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4-Dimethylphenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,4-Dinitrophenol	ND(3.8)	ND(1.9)	ND(1.9)	ND(1.9)	NA
2,4-Dinitrotoluene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,6-Dichlorophenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2,6-Dinitrotoluene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Acetylaminofluorene	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
2-Chloronaphthalene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Chlorophenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Methylnaphthalene	1.1 J	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Methylphenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
2-Naphthylamine	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
2-Nitroaniline	ND(3.8)	ND(1.9) J	ND(1.9) J	ND(1.9) J	NA
2-Nitrophenol	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
2-Picoline	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
3&4-Methylphenol	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
3,3'-Dichlorobenzidine	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
3,3'-Dimethylbenzidine	ND(1.5) J	ND(0.37)	ND(0.37)	ND(0.37)	NA
3-Methylcholanthrene	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
3-Nitroaniline	ND(3.8)	ND(1.9)	ND(1.9)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	ND(3.8)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Aminobiphenyl	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
4-Bromophenyl-phenylether	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Chloro-3-Methylphenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Chloroaniline	ND(1.5) J	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Chlorobenzilate	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
4-Chlorophenyl-phenylether	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
4-Nitroaniline	ND(3.8)	ND(1.9) J	ND(1.9) J	ND(1.9) J	NA
4-Nitrophenol	ND(3.8)	ND(1.9) J	ND(1.9) J	ND(1.9) J	NA
4-Nitroquinoline-1-oxide	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
4-Phenylenediamine	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
5-Nitro-o-toluidine	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
7,12-Dimethylbenz(a)anthracene	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
a,a'-Dimethylphenethylamine	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Acenaphthene	0.86 J	0.15 J	0.43	0.20 J	NA
Acenaphthylene	0.27 J	0.10 J	0.16 J	ND(0.37)	NA
Acetophenone	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Aniline	ND(3.8)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Anthracene	2.2	0.31 J	1.3	0.39	NA
Aramite	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Azobenzene	ND(1.5)	NA	NA	NA	NA
Benzidine	NA	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Benzo(a)anthracene	3.7	0.85	3.4	0.65	NA
Benzo(a)pyrene	2.4 J	0.50	1.6	0.38	NA
Benzo(b)fluoranthene	2.3 J	0.52	1.7	0.34 J	NA

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03	RAA15-E15N RAA15-E15N 0-1 05/04/04	RAA15-E15N RAA15-E15N 1-3 05/04/04	RAA15-E15N RAA15-E15N 3-6 05/04/04	RAA15-E15N RAA15-E15N 4-6 05/04/04
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	1.4 J	0.34 J	0.85	0.24 J	NA
Benzo(k)fluoranthene	4.0 J	0.50	1.6	0.36 J	NA
Benzyl Alcohol	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
bis(2-Chloroethoxy)methane	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
bis(2-Chloroethyl)ether	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
bis(2-Chloroisopropyl)ether	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	ND(1.5) J	ND(0.37)	ND(0.36)	ND(0.36)	NA
Butylbenzylphthalate	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Chrysene	3.6 J	0.88	3.1	0.65	NA
Diallate	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Dibenzo(a,h)anthracene	0.74 J	0.10 J	0.29 J	ND(0.37)	NA
Dibenzofuran	0.53 J	ND(0.37)	0.27 J	0.13 J	NA
Diethylphthalate	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Dimethylphthalate	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Di-n-Butylphthalate	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Di-n-Octylphthalate	ND(1.5) J	ND(0.37)	ND(0.37)	ND(0.37)	NA
Diphenylamine	NA	ND(0.37)	ND(0.37)	ND(0.37)	NA
Ethyl Methanesulfonate	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Fluoranthene	5.8	2.1	9.2	1.6	NA
Fluorene	1.4 J	0.12 J	0.45	0.16 J	NA
Hexachlorobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachlorobutadiene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachlorocyclopentadiene	ND(1.5) J	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachloroethane	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Hexachlorophene	NA	ND(0.75)	ND(0.74)	ND(0.74)	NA
Hexachloropropene	ND(1.5)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
Indeno(1,2,3-cd)pyrene	1.4 J	0.30 J	0.78	0.19 J	NA
Isodrin	NA	ND(0.37)	ND(0.37)	ND(0.37)	NA
Isophorone	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Isosafrole	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
Methapyrilene	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Methyl Methanesulfonate	ND(1.5)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
Naphthalene	0.38 J	ND(0.37)	0.27 J	0.12 J	NA
Nitrobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosodiethylamine	ND(1.5)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
N-Nitrosodimethylamine	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitroso-di-n-butylamine	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
N-Nitroso-di-n-propylamine	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosodiphenylamine	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosomethylethylamine	ND(1.5) J	ND(0.75)	ND(0.74)	ND(0.74)	NA
N-Nitrosomorpholine	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosopiperidine	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
N-Nitrosopyrrolidine	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
o,o,o-Triethylphosphorothioate	NA	ND(0.37)	ND(0.37)	ND(0.37)	NA
o-Toluidine	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
p-Dimethylaminoazobenzene	ND(1.5)	ND(0.75)	ND(0.74)	ND(0.74)	NA
Pentachlorobenzene	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Pentachloroethane	ND(1.5)	ND(0.37) J	ND(0.37) J	ND(0.37) J	NA
Pentachloronitrobenzene	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Pentachlorophenol	ND(3.8)	ND(1.9)	ND(1.9)	ND(1.9)	NA
Phenacetin	ND(1.5)	ND(0.75) J	ND(0.74) J	ND(0.74) J	NA
Phenanthrene	7.7 J	1.3	4.7	1.4	NA
Phenol	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Pronamide	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Pyrene	8.2	1.7	6.8	1.4	NA
Pyridine	ND(1.5) J	ND(0.37)	ND(0.37)	ND(0.37)	NA
Safrole	ND(1.5)	ND(0.37)	ND(0.37)	ND(0.37)	NA
Thionazin	NA	ND(0.37)	ND(0.37)	ND(0.37)	NA

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15 OJ-BH000928-0-0060 6-10 02/26/03	RAA15-E15N RAA15-E15N 0-1 05/04/04	RAA15-E15N RAA15-E15N 1-3 05/04/04	RAA15-E15N RAA15-E15N 3-6 05/04/04	RAA15-E15N RAA15-E15N 4-6 05/04/04
Herbicides					
Dinoseb	ND(1.5)	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.0000087 Y	0.0000071 Y	0.0000095 Y	NA
TCDFs (total)	NA	0.00016 Q	0.000081 QI	0.00011 QI	NA
1,2,3,7,8-PeCDF	NA	0.0000079 Q	0.0000036 Q	0.0000048	NA
2,3,4,7,8-PeCDF	NA	0.000030 Q	0.000017 Q	0.000013	NA
PeCDFs (total)	NA	0.00021 QI	0.00010 QI	0.00010 QI	NA
1,2,3,4,7,8-HxCDF	NA	0.000026	0.000012	0.000015	NA
1,2,3,6,7,8-HxCDF	NA	0.000015	0.0000070	0.0000068	NA
1,2,3,7,8,9-HxCDF	NA	0.0000044 Q	0.0000020 JQ	0.0000049 Q	NA
2,3,4,6,7,8-HxCDF	NA	0.000027	0.000018	0.000011	NA
HxCDFs (total)	NA	0.00047 QI	0.00024 Q	0.00019 Q	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000046	0.000027	0.000033	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000091	0.0000048	0.0000051	NA
HpCDFs (total)	NA	0.00010	0.000072	0.000084	NA
OCDF	NA	0.000042	0.000026	0.000042	NA
Dioxins					
2,3,7,8-TCDD	NA	0.00000039 J	0.00000034 JQ	0.00000039 J	NA
TCDDs (total)	NA	0.0000038 Q	0.0000014 Q	0.0000091	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000083) X	0.0000028 Q	0.0000044	NA
PeCDDs (total)	NA	0.000010 Q	0.000017 Q	0.000071 Q	NA
1,2,3,4,7,8-HxCDD	NA	0.0000015 J	0.0000018 J	0.0000050	NA
1,2,3,6,7,8-HxCDD	NA	0.0000021 J	0.0000067	0.000015	NA
1,2,3,7,8,9-HxCDD	NA	0.0000019 J	0.0000042	0.0000097	NA
HxCDDs (total)	NA	0.000021	0.000059 Q	0.00015	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000017	0.000053	0.000055	NA
HpCDDs (total)	NA	0.000034	0.00011	0.00015	NA
OCDD	NA	0.00015	0.00032	0.00030	NA
Total TEQs (WHO TEFs)	NA	0.000026	0.000019	0.000020	NA
Inorganics					
Antimony	0.400	1.90 J	1.20 J	1.60 J	NA
Arsenic	0.810 J	4.50	4.40	7.70	NA
Barium	6.20	47.0	42.0	140	NA
Beryllium	0.110	0.200 B	0.210 B	0.210 B	NA
Cadmium	ND(0.0400)	0.480 B	0.540	1.00	NA
Chromium	4.40	6.90	6.80	10.0	NA
Cobalt	3.10	4.40 B	4.70 B	6.20	NA
Copper	3.10	18.0	52.0	96.0	NA
Cyanide	NA	0.0430 B	0.0800 B	0.100 B	NA
Lead	5.50 J	23.0	27.0	200	NA
Mercury	ND(0.0180)	0.0360 B	0.260	0.260	NA
Nickel	5.10	7.70	10.0	14.0	NA
Selenium	ND(0.280) J	0.670 J	ND(1.00) J	ND(1.00) J	NA
Silver	ND(0.160) J	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	NA	970	7.00	16.0	NA
Thallium	ND(0.290) J	ND(1.10) J	ND(1.10) J	ND(1.10) J	NA
Tin	ND(0.470)	ND(10)	ND(10)	ND(10)	NA
Vanadium	4.10	7.90	9.20	11.0	NA
Zinc	21.9	35.0	49.0	180	NA

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15N RAA15-E15N 6-10 05/04/04	RAA15-E15N RAA15-E15N 8-10 05/04/04	RAA15-E15W RAA15-E15W 0-1 05/03/04	RAA15-E15W RAA15-E15W 1-3 05/03/04	RAA15-E15W RAA15-E15W 3-6 05/03/04
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,1,1-Trichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,1,2-Trichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,1-Dichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,1-Dichloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,2,3-Trichloropropane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,2-Dibromoethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,2-Dichloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,2-Dichloropropane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
1,4-Dioxane	NA	ND(0.11) J	ND(0.12) J	NA	NA
2-Butanone	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
2-Chloro-1,3-butadiene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
2-Chloroethylvinylether	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
2-Hexanone	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
3-Chloropropene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
Acetone	NA	ND(0.022)	ND(0.023)	ND(0.022)	NA
Acetonitrile	NA	ND(0.11) J	ND(0.12) J	NA	NA
Acrolein	NA	ND(0.11) J	ND(0.12) J	NA	NA
Acrylonitrile	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Benzene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Bromodichloromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Bromoform	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Bromomethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Carbon Disulfide	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Carbon Tetrachloride	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Chlorobenzene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Chloroethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Chloroform	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Chloromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
cis-1,3-Dichloropropene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Dibromochloromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Dibromomethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Dichlorodifluoromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Ethyl Methacrylate	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Ethylbenzene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Iodomethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Isobutanol	NA	ND(0.11) J	ND(0.12) J	NA	NA
Methacrylonitrile	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Methyl Methacrylate	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Methylene Chloride	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Propionitrile	NA	ND(0.011) J	ND(0.012) J	NA	NA
Styrene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Tetrachloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Toluene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
trans-1,2-Dichloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
trans-1,3-Dichloropropene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Trichloroethene	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Trichlorofluoromethane	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Vinyl Acetate	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Vinyl Chloride	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA
Xylenes (total)	NA	ND(0.0056)	ND(0.0058)	ND(0.0056)	NA

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15N RAA15-E15N 6-10 05/04/04	RAA15-E15N RAA15-E15N 8-10 05/04/04	RAA15-E15W RAA15-E15W 0-1 05/03/04	RAA15-E15W RAA15-E15W 1-3 05/03/04	RAA15-E15W RAA15-E15W 3-6 05/03/04
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
1,2,4-Trichlorobenzene	NA	NA	ND(0.39)	ND(0.37) J	ND(0.50)
1,2-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
1,2-Diphenylhydrazine	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J
1,3,5-Trinitrobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
1,3-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
1,3-Dinitrobenzene	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
1,4-Dichlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
1,4-Naphthoquinone	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
1-Naphthylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,4,5-Trichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,4,6-Trichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,4-Dichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,4-Dimethylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,4-Dinitrophenol	NA	NA	ND(2.0)	ND(1.9)	ND(2.5)
2,4-Dinitrotoluene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,6-Dichlorophenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2,6-Dinitrotoluene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2-Acetylaminofluorene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
2-Chloronaphthalene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2-Chlorophenol	NA	NA	ND(0.39)	ND(0.37) J	ND(0.50)
2-Methylnaphthalene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2-Methylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
2-Naphthylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
2-Nitroaniline	NA	NA	ND(2.0) J	ND(1.9) J	ND(0.050) J
2-Nitrophenol	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
2-Picoline	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
3&4-Methylphenol	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
3,3'-Dichlorobenzidine	NA	NA	ND(0.78)	ND(0.75)	ND(1.0)
3,3'-Dimethylbenzidine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
3-Methylcholanthrene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
3-Nitroaniline	NA	NA	ND(2.0)	ND(1.9)	ND(2.5)
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
4-Aminobiphenyl	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
4-Bromophenyl-phenylether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
4-Chloro-3-Methylphenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
4-Chloroaniline	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
4-Chlorobenzilate	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
4-Chlorophenyl-phenylether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
4-Nitroaniline	NA	NA	ND(2.0) J	ND(1.9) J	ND(0.050) J
4-Nitrophenol	NA	NA	ND(2.0) J	ND(1.9) J	ND(0.050) J
4-Nitroquinoline-1-oxide	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
4-Phenylenediamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
5-Nitro-o-toluidine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
a,a'-Dimethylphenethylamine	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
Acenaphthene	NA	NA	0.12 J	0.12 J	ND(0.50)
Acenaphthylene	NA	NA	0.085 J	ND(0.37)	ND(0.50)
Acetophenone	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Aniline	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Anthracene	NA	NA	0.39	0.40	0.28 J
Aramite	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
Azobenzene	NA	NA	NA	NA	NA
Benzidine	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.020) J
Benzo(a)anthracene	NA	NA	1.0	0.77	0.84
Benzo(a)pyrene	NA	NA	0.62	0.36 J	0.43 J
Benzo(b)fluoranthene	NA	NA	0.65	0.36 J	0.38 J

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15N RAA15-E15N 6-10 05/04/04	RAA15-E15N RAA15-E15N 8-10 05/04/04	RAA15-E15W RAA15-E15W 0-1 05/03/04	RAA15-E15W RAA15-E15W 1-3 05/03/04	RAA15-E15W RAA15-E15W 3-6 05/03/04
Semivolatile Organics (continued)					
Benzo(g,h,i)perylene	NA	NA	0.36 J	0.21 J	0.21 J
Benzo(k)fluoranthene	NA	NA	0.67	0.38	0.41 J
Benzyl Alcohol	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.020) J
bis(2-Chloroethoxy)methane	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
bis(2-Chloroethyl)ether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.38)	ND(0.37)	ND(0.38)
Butylbenzylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Chrysene	NA	NA	1.0	0.77	0.83
Diallate	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
Dibenzo(a,h)anthracene	NA	NA	0.13 J	ND(0.37)	ND(0.50)
Dibenzofuran	NA	NA	0.081 J	0.074 J	ND(0.50)
Diethylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Dimethylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Di-n-Butylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Di-n-Octylphthalate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Diphenylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Ethyl Methanesulfonate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Fluoranthene	NA	NA	2.6	2.0	2.1
Fluorene	NA	NA	0.13 J	0.16 J	ND(0.50)
Hexachlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Hexachlorobutadiene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Hexachlorocyclopentadiene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Hexachloroethane	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Hexachlorophene	NA	NA	ND(0.78)	ND(0.75)	ND(1.0)
Hexachloropropene	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J
Indeno(1,2,3-cd)pyrene	NA	NA	0.31 J	0.19 J	0.20 J
Isodrin	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Isophorone	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Isosafrole	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
Methapyrilene	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
Methyl Methanesulfonate	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J
Naphthalene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Nitrobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
N-Nitrosodiethylamine	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J
N-Nitrosodimethylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
N-Nitrosodiphenylamine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
N-Nitrosomethylethylamine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
N-Nitrosomorpholine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
N-Nitrosopiperidine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
N-Nitrosopyrrolidine	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
o-Toluidine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
p-Dimethylaminoazobenzene	NA	NA	ND(0.78)	ND(0.75)	ND(0.78)
Pentachlorobenzene	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Pentachloroethane	NA	NA	ND(0.39) J	ND(0.37) J	ND(0.010) J
Pentachloronitrobenzene	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
Pentachlorophenol	NA	NA	ND(2.0)	ND(1.9)	ND(2.5)
Phenacetin	NA	NA	ND(0.78) J	ND(0.75) J	ND(0.010) J
Phenanthrene	NA	NA	1.3	1.4	0.78
Phenol	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Pronamide	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Pyrene	NA	NA	2.2	1.6 J	1.7
Pyridine	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Safrole	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)
Thionazin	NA	NA	ND(0.39)	ND(0.37)	ND(0.50)

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15N RAA15-E15N 6-10 05/04/04	RAA15-E15N RAA15-E15N 8-10 05/04/04	RAA15-E15W RAA15-E15W 0-1 05/03/04	RAA15-E15W RAA15-E15W 1-3 05/03/04	RAA15-E15W RAA15-E15W 3-6 05/03/04
Herbicides					
Dinoseb	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	0.0000035 Y	NA	0.000012 Y	0.0000067 Y	0.0000053 Y
TCDFs (total)	0.000033 QI	NA	0.00018 Q	0.000064 Q	0.000043 Q
1,2,3,7,8-PeCDF	0.0000018 J	NA	0.0000081	0.0000028 Q	0.0000026 Q
2,3,4,7,8-PeCDF	0.0000038	NA	0.000027	0.0000063 Q	0.0000037 Q
PeCDFs (total)	0.000036 QI	NA	0.00019 Q	0.000025 Q	0.000017 Q
1,2,3,4,7,8-HxCDF	0.0000021 J	NA	0.000020	0.0000043	0.0000033
1,2,3,6,7,8-HxCDF	0.0000014 J	NA	0.0000098	0.0000027	0.0000016 J
1,2,3,7,8,9-HxCDF	0.00000068 JQ	NA	0.0000025 Q	0.00000039 JQ	0.00000041 JQ
2,3,4,6,7,8-HxCDF	0.0000020 J	NA	0.000019	0.0000049	0.0000026
HxCDFs (total)	0.000029 Q	NA	0.00036 Q	0.000075 Q	0.000042 Q
1,2,3,4,6,7,8-HpCDF	0.0000073	NA	0.000062	0.000023	0.000016
1,2,3,4,7,8,9-HpCDF	0.00000052 J	NA	0.000012	0.0000018 J	0.0000012 J
HpCDFs (total)	0.000014	NA	0.00014	0.000067	0.000054
OCDF	0.0000067	NA	0.000077	0.000030	0.000028
Dioxins					
2,3,7,8-TCDD	ND(0.000000099) X	NA	0.00000027 J	0.00000016 JQ	ND(0.00000014)
TCDDs (total)	0.00000022	NA	0.0000030 Q	0.0000017 Q	0.00000097 Q
1,2,3,7,8-PeCDD	0.00000044 J	NA	0.0000013 J	0.00000069 JQ	0.00000038 JQ
PeCDDs (total)	0.0000045 Q	NA	0.0000059 Q	0.0000025 Q	0.0000028 Q
1,2,3,4,7,8-HxCDD	0.00000030 J	NA	0.0000010 J	0.00000044 J	0.00000041 J
1,2,3,6,7,8-HxCDD	0.0000011 J	NA	0.0000022 J	0.0000045	0.0000026
1,2,3,7,8,9-HxCDD	0.00000060 J	NA	0.0000020 J	0.0000014 JQ	0.0000010 J
HxCDDs (total)	0.000011	NA	0.000017	0.000034 Q	0.000012
1,2,3,4,6,7,8-HpCDD	0.0000085	NA	0.000032	0.000049	0.000069
HpCDDs (total)	0.000017	NA	0.000062	0.00010	0.00013
OCDD	0.000079	NA	0.00030	0.00039	0.0011
Total TEQs (WHO TEFs)	0.0000038	NA	0.000023	0.0000075	0.0000051
Inorganics					
Antimony	NA	NA	ND(6.00)	ND(6.00)	2.00 B
Arsenic	NA	NA	5.10	5.20	5.60
Barium	NA	NA	47.0	76.0	77.0
Beryllium	NA	NA	0.160 B	0.250 B	0.230 B
Cadmium	NA	NA	0.680	0.510	0.590
Chromium	NA	NA	8.10	5.80	8.70
Cobalt	NA	NA	5.60	7.10	8.30
Copper	NA	NA	26.0	21.0	22.0
Cyanide	NA	NA	0.150	0.100 B	0.110 B
Lead	NA	NA	120	200	140
Mercury	NA	NA	0.270	0.350	0.150
Nickel	NA	NA	11.0	14.0	11.0
Selenium	NA	NA	0.890 J	ND(1.00) J	ND(1.00) J
Silver	NA	NA	ND(1.00)	ND(1.00)	0.210 B
Sulfide	NA	NA	410	7.20	7.40
Thallium	NA	NA	ND(1.20) J	ND(1.10) J	ND(1.20) J
Tin	NA	NA	ND(10)	ND(10)	ND(10)
Vanadium	NA	NA	7.60	8.00	7.60
Zinc	NA	NA	67.0	91.0	99.0

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15W RAA15-E15W 4-6 05/03/04	RAA15-E15W RAA15-E15W 10-12 05/03/04	RAA15-E15W RAA15-E15W 10-15 05/03/04
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0068)	NA
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0068)	NA
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0068)	NA
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0068)	NA
1,1-Dichloroethane	ND(0.0056)	ND(0.0068)	NA
1,1-Dichloroethene	ND(0.0056)	ND(0.0068)	NA
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0068)	NA
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0068)	NA
1,2-Dibromoethane	ND(0.0056)	ND(0.0068)	NA
1,2-Dichloroethane	ND(0.0056)	ND(0.0068)	NA
1,2-Dichloropropane	ND(0.0056)	ND(0.0068)	NA
1,4-Dioxane	ND(0.14) J	ND(0.11) J	NA
2-Butanone	ND(0.011)	ND(0.014)	NA
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0068)	NA
2-Chloroethylvinylether	ND(0.0056)	ND(0.0068)	NA
2-Hexanone	ND(0.011)	ND(0.014)	NA
3-Chloropropene	ND(0.0056)	ND(0.0068)	NA
4-Methyl-2-pentanone	ND(0.011)	ND(0.014)	NA
Acetone	ND(0.022)	ND(0.027)	NA
Acetonitrile	ND(0.14) J	ND(0.11) J	NA
Acrolein	ND(0.14) J	ND(0.11) J	NA
Acrylonitrile	ND(0.0056)	ND(0.0068)	NA
Benzene	ND(0.0056)	ND(0.0068)	NA
Bromodichloromethane	ND(0.0056)	ND(0.0068)	NA
Bromoform	ND(0.0056)	ND(0.0068)	NA
Bromomethane	ND(0.0056)	ND(0.0068)	NA
Carbon Disulfide	ND(0.0056)	ND(0.0068)	NA
Carbon Tetrachloride	ND(0.0056)	ND(0.0068)	NA
Chlorobenzene	ND(0.0056)	ND(0.0068)	NA
Chloroethane	ND(0.0056)	ND(0.0068)	NA
Chloroform	ND(0.0056)	ND(0.0068)	NA
Chloromethane	ND(0.0056)	ND(0.0068)	NA
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0068)	NA
Dibromochloromethane	ND(0.0056)	ND(0.0068)	NA
Dibromomethane	ND(0.0056)	ND(0.0068)	NA
Dichlorodifluoromethane	ND(0.0056)	ND(0.0068)	NA
Ethyl Methacrylate	ND(0.0056)	ND(0.0068)	NA
Ethylbenzene	ND(0.0056)	ND(0.0068)	NA
Iodomethane	ND(0.0056)	ND(0.0068)	NA
Isobutanol	ND(0.14) J	ND(0.11) J	NA
Methacrylonitrile	ND(0.0056)	ND(0.0068)	NA
Methyl Methacrylate	ND(0.0056)	ND(0.0068)	NA
Methylene Chloride	ND(0.0056)	ND(0.0068)	NA
Propionitrile	ND(0.014) J	ND(0.011) J	NA
Styrene	ND(0.0056)	ND(0.0068)	NA
Tetrachloroethene	ND(0.0056)	ND(0.0068)	NA
Toluene	ND(0.0056)	ND(0.0068)	NA
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0068)	NA
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0068)	NA
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0068)	NA
Trichloroethene	ND(0.0056)	ND(0.0068)	NA
Trichlorofluoromethane	ND(0.0056)	ND(0.0068)	NA
Vinyl Acetate	ND(0.0056)	ND(0.0068)	NA
Vinyl Chloride	ND(0.0056)	ND(0.0068)	NA
Xylenes (total)	ND(0.0056)	ND(0.0068)	NA

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample ID: / Sample Depth(Feet): / Date Collected:		
	RAA15-E15W / RAA15-E15W / 4-6 / 05/03/04	RAA15-E15W / RAA15-E15W / 10-12 / 05/03/04	RAA15-E15W / RAA15-E15W / 10-15 / 05/03/04
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.43)
1,2,4-Trichlorobenzene	NA	NA	ND(0.43)
1,2-Dichlorobenzene	NA	NA	ND(0.43)
1,2-Diphenylhydrazine	NA	NA	ND(0.43) J
1,3,5-Trinitrobenzene	NA	NA	ND(0.43)
1,3-Dichlorobenzene	NA	NA	ND(0.43)
1,3-Dinitrobenzene	NA	NA	ND(0.87) J
1,4-Dichlorobenzene	NA	NA	ND(0.43)
1,4-Naphthoquinone	NA	NA	ND(0.87) J
1-Naphthylamine	NA	NA	ND(0.87)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.43)
2,4,5-Trichlorophenol	NA	NA	ND(0.43)
2,4,6-Trichlorophenol	NA	NA	ND(0.43)
2,4-Dichlorophenol	NA	NA	ND(0.43)
2,4-Dimethylphenol	NA	NA	ND(0.43)
2,4-Dinitrophenol	NA	NA	ND(2.2)
2,4-Dinitrotoluene	NA	NA	ND(0.43)
2,6-Dichlorophenol	NA	NA	ND(0.43)
2,6-Dinitrotoluene	NA	NA	ND(0.43)
2-Acetylaminofluorene	NA	NA	ND(0.87)
2-Chloronaphthalene	NA	NA	ND(0.43)
2-Chlorophenol	NA	NA	ND(0.43)
2-Methylnaphthalene	NA	NA	ND(0.43)
2-Methylphenol	NA	NA	ND(0.43)
2-Naphthylamine	NA	NA	ND(0.87)
2-Nitroaniline	NA	NA	ND(2.2) J
2-Nitrophenol	NA	NA	ND(0.87)
2-Picoline	NA	NA	ND(0.43)
3&4-Methylphenol	NA	NA	ND(0.87)
3,3'-Dichlorobenzidine	NA	NA	ND(0.87)
3,3'-Dimethylbenzidine	NA	NA	ND(0.43)
3-Methylcholanthrene	NA	NA	ND(0.87)
3-Nitroaniline	NA	NA	ND(2.2)
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.43)
4-Aminobiphenyl	NA	NA	ND(0.87)
4-Bromophenyl-phenylether	NA	NA	ND(0.43)
4-Chloro-3-Methylphenol	NA	NA	ND(0.43)
4-Chloroaniline	NA	NA	ND(0.43)
4-Chlorobenzilate	NA	NA	ND(0.87)
4-Chlorophenyl-phenylether	NA	NA	ND(0.43)
4-Nitroaniline	NA	NA	ND(2.2) J
4-Nitrophenol	NA	NA	ND(2.2) J
4-Nitroquinoline-1-oxide	NA	NA	ND(0.87) J
4-Phenylenediamine	NA	NA	ND(0.87)
5-Nitro-o-toluidine	NA	NA	ND(0.87)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.87)
a,a'-Dimethylphenethylamine	NA	NA	ND(0.87) J
Acenaphthene	NA	NA	ND(0.43)
Acenaphthylene	NA	NA	ND(0.43)
Acetophenone	NA	NA	ND(0.43)
Aniline	NA	NA	ND(0.43)
Anthracene	NA	NA	ND(0.43)
Aramite	NA	NA	ND(0.87)
Azobenzene	NA	NA	NA
Benzidine	NA	NA	ND(0.87) J
Benzo(a)anthracene	NA	NA	ND(0.43)
Benzo(a)pyrene	NA	NA	ND(0.43)
Benzo(b)fluoranthene	NA	NA	ND(0.43)

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	RAA15-E15W RAA15-E15W 4-6 05/03/04	RAA15-E15W RAA15-E15W 10-12 05/03/04	RAA15-E15W RAA15-E15W 10-15 05/03/04
Semivolatile Organics (continued)			
Benzo(g,h,i)perylene	NA	NA	ND(0.43)
Benzo(k)fluoranthene	NA	NA	ND(0.43)
Benzyl Alcohol	NA	NA	ND(0.87) J
bis(2-Chloroethoxy)methane	NA	NA	ND(0.43)
bis(2-Chloroethyl)ether	NA	NA	ND(0.43)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.43)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.43)
Butylbenzylphthalate	NA	NA	ND(0.43)
Chrysene	NA	NA	ND(0.43)
Diallate	NA	NA	ND(0.87)
Dibenzo(a,h)anthracene	NA	NA	ND(0.43)
Dibenzofuran	NA	NA	ND(0.43)
Diethylphthalate	NA	NA	ND(0.43)
Dimethylphthalate	NA	NA	ND(0.43)
Di-n-Butylphthalate	NA	NA	ND(0.43)
Di-n-Octylphthalate	NA	NA	ND(0.43)
Diphenylamine	NA	NA	ND(0.43)
Ethyl Methanesulfonate	NA	NA	ND(0.43)
Fluoranthene	NA	NA	ND(0.43)
Fluorene	NA	NA	ND(0.43)
Hexachlorobenzene	NA	NA	ND(0.43)
Hexachlorobutadiene	NA	NA	ND(0.43)
Hexachlorocyclopentadiene	NA	NA	ND(0.43)
Hexachloroethane	NA	NA	ND(0.43)
Hexachlorophene	NA	NA	ND(0.87)
Hexachloropropene	NA	NA	ND(0.43) J
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.43)
Isodrin	NA	NA	ND(0.43)
Isophorone	NA	NA	ND(0.43)
Isosafrole	NA	NA	ND(0.87)
Methapyrilene	NA	NA	ND(0.87) J
Methyl Methanesulfonate	NA	NA	ND(0.43) J
Naphthalene	NA	NA	ND(0.43)
Nitrobenzene	NA	NA	ND(0.43)
N-Nitrosodiethylamine	NA	NA	ND(0.43) J
N-Nitrosodimethylamine	NA	NA	ND(0.43)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.87)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.43)
N-Nitrosodiphenylamine	NA	NA	ND(0.43)
N-Nitrosomethylethylamine	NA	NA	ND(0.87)
N-Nitrosomorpholine	NA	NA	ND(0.43)
N-Nitrosopiperidine	NA	NA	ND(0.43)
N-Nitrosopyrrolidine	NA	NA	ND(0.87)
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.43)
o-Toluidine	NA	NA	ND(0.43)
p-Dimethylaminoazobenzene	NA	NA	ND(0.87)
Pentachlorobenzene	NA	NA	ND(0.43)
Pentachloroethane	NA	NA	ND(0.43) J
Pentachloronitrobenzene	NA	NA	ND(0.87) J
Pentachlorophenol	NA	NA	ND(2.2)
Phenacetin	NA	NA	ND(0.87) J
Phenanthrene	NA	NA	ND(0.43)
Phenol	NA	NA	ND(0.43)
Pronamide	NA	NA	ND(0.43)
Pyrene	NA	NA	0.39 J
Pyridine	NA	NA	ND(0.43)
Safrole	NA	NA	ND(0.43)
Thionazin	NA	NA	ND(0.43)

TABLE E-85
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample ID: / Sample Depth(Feet): / Date Collected:		
	RAA15-E15W / RAA15-E15W / 4-6 / 05/03/04	RAA15-E15W / RAA15-E15W / 10-12 / 05/03/04	RAA15-E15W / RAA15-E15W / 10-15 / 05/03/04
Herbicides			
Dinoseb	NA	NA	NA
Furans			
2,3,7,8-TCDF	NA	NA	0.00000040 J
TCDFs (total)	NA	NA	0.00000040
1,2,3,7,8-PeCDF	NA	NA	ND(0.00000026)
2,3,4,7,8-PeCDF	NA	NA	ND(0.00000024)
PeCDFs (total)	NA	NA	ND(0.00000019)
1,2,3,4,7,8-HxCDF	NA	NA	0.00000038 J
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00000024)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000029)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00000024)
HxCDFs (total)	NA	NA	0.00000065
1,2,3,4,6,7,8-HpCDF	NA	NA	ND(0.00000024) X
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.00000024)
HpCDFs (total)	NA	NA	0.00000017
OCDF	NA	NA	ND(0.00000049)
Dioxins			
2,3,7,8-TCDD	NA	NA	ND(0.00000017)
TCDDs (total)	NA	NA	ND(0.00000023)
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000024)
PeCDDs (total)	NA	NA	ND(0.00000038)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000024)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.00000024)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.00000024)
HxCDDs (total)	NA	NA	ND(0.00000030)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00000039 J
HpCDDs (total)	NA	NA	0.00000070
OCDD	NA	NA	ND(0.0000017)
Total TEQs (WHO TEFs)	NA	NA	0.00000043
Inorganics			
Antimony	NA	NA	ND(6.00)
Arsenic	NA	NA	2.60
Barium	NA	NA	36.0
Beryllium	NA	NA	0.400 B
Cadmium	NA	NA	0.550
Chromium	NA	NA	15.0
Cobalt	NA	NA	7.00
Copper	NA	NA	14.0
Cyanide	NA	NA	0.0420 B
Lead	NA	NA	10.0
Mercury	NA	NA	0.250
Nickel	NA	NA	11.0
Selenium	NA	NA	0.920 J
Silver	NA	NA	ND(1.00)
Sulfide	NA	NA	8.30
Thallium	NA	NA	ND(1.30) J
Tin	NA	NA	ND(10)
Vanadium	NA	NA	8.70
Zinc	NA	NA	45.0

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-4.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-86
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA R3A

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Semivolatile Organics			
2-Methylnaphthalene	1.1	55	No
Acenaphthene	0.86	2,600	No
Acenaphthylene	0.27	55*	No
Anthracene	2.2	14,000	No
Benzo(a)anthracene	3.7	0.56	**Yes**
Benzo(a)pyrene	2.4	0.056	**Yes**
Benzo(b)fluoranthene	2.3	0.56	**Yes**
Benzo(g,h,i)perylene	1.4	55*	No
Benzo(k)fluoranthene	4	5.6	No
Chrysene	3.6	56	No
Dibenzo(a,h)anthracene	0.74	0.056	**Yes**
Dibenzofuran	0.53	210	No
Fluoranthene	9.2	2,000	No
Fluorene	1.4	1,800	No
Indeno(1,2,3-cd)pyrene	1.4	0.56	**Yes**
Naphthalene	0.38	55	No
Phenanthrene	7.7	55*	No
Pyrene	8.2	1,500	No
Inorganics			
Antimony	2	30	No
Arsenic	7.7	0.38	**Yes**
Barium	140	5,200	No
Beryllium	0.4	150	No
Cadmium	1	37	No
Chromium	15	210	No
Cobalt	8.3	3,300	No
Copper	96	2,800	No
Cyanide	0.15	11*	No
Lead	200	400	No
Mercury	0.35	22	No
Nickel	14	1,500	No
Selenium	0.92	370	No
Silver	0.21	370	No
Sulfide	970	350*	**Yes**
Vanadium	11	520	No
Zinc	180	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-87
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3A (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-E15N 0-1 05/04/04	RAA15-E15W 0-1 05/03/04	Maximum Sample Result	Arithmetic Average Concentration	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 3)	Constituent Exceeds Initial Comparison Criteria? (See Note 4)
Semivolatile Organics						
Benzo(a)anthracene	0.85	1.0	N/A (See Note 4)	0.93	0.7	**Yes**
Benzo(a)pyrene	0.50	0.62	N/A (See Note 4)	0.56	0.7	No
Benzo(b)fluoranthene	0.52	0.65	N/A (See Note 4)	0.59	0.7	No
Dibenzo(a,h)anthracene	0.10	0.13	N/A (See Note 4)	0.12	0.7	No
Indeno(1,2,3-cd)pyrene	0.30	0.31	N/A (See Note 4)	0.31	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000026	0.000023	2.60E-05	N/A (See Note 4)	1.00E-03	No
Inorganics						
Arsenic	4.50	5.10	N/A (See Note 4)	4.80	30	No
Sulfide	970	410	N/A (See Note 4)	690.00	Not Listed	**Yes**

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
4. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-88
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3A (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E15N 0-1 05/04/04	RAA15-E15W 0-1 05/03/04	RAA15-E15N 1-3 05/04/04	RAA15-E15W 1-3 05/03/04
Semivolatile Organics				
Benzo(a)anthracene	0.85	1.0	3.4	0.77
Benzo(a)pyrene	0.50	0.62	1.6	0.36
Benzo(b)fluoranthene	0.52	0.65	1.7	0.36
Dibenzo(a,h)anthracene	0.10	0.13	0.29	**0.19**
Indeno(1,2,3-cd)pyrene	0.30	0.31	0.78	0.19
Dioxins/Furans				
Total TEQs (WHO TEFs)	0.000026	0.000023	0.000019	0.0000075
Inorganics				
Arsenic	4.50	5.10	4.40	5.20
Sulfide	970	410	7.00	7.20

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	1.51	0.7	**Yes**
Benzo(a)pyrene	N/A (See Note 5)	0.77	0.7	**Yes**
Benzo(b)fluoranthene	N/A (See Note 5)	0.81	0.7	**Yes**
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.18	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.40	0.7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	4.80	30	No
Sulfide	N/A (See Note 5)	348.55	Not Listed	**Yes**

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-89
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3A (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E15N 0-1 05/04/04	RAA15-E15W 0-1 05/03/04	RAA15-E15N 1-3 05/04/04	RAA15-E15W 1-3 05/03/04	RAA15-E15N 3-6 05/04/04	RAA15-E15W 3-6 05/03/04	BH000928 6-10 02/26/03
Semivolatile Organics							
Benzo(a)anthracene	0.85	1.0	3.4	0.77	0.65	0.84	3.7
Benzo(a)pyrene	0.50	0.62	1.6	0.36	0.38	0.43	2.4
Benzo(b)fluoranthene	0.52	0.65	1.7	0.36	0.34	0.38	2.3
Dibenzo(a,h)anthracene	0.10	0.13	0.29	**0.19**	**0.19**	**0.25**	0.74
Indeno(1,2,3-cd)pyrene	0.30	0.31	0.78	0.19	0.19	0.20	1.4
Dioxins/Furans							
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	0.000020	0.0000051	--
Inorganics							
Arsenic	4.50	5.10	4.40	5.20	7.70	5.60	0.810
Sulfide	970	410	7.00	7.20	16.0	7.40	--

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-E15N 6-10 05/04/04	RAA15-E15W 10-15 05/03/04	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	--	**0.22**	N/A (See Note 5)	1.43	1	**Yes**
Benzo(a)pyrene	--	**0.22**	N/A (See Note 5)	0.81	0.7	**Yes**
Benzo(b)fluoranthene	--	**0.22**	N/A (See Note 5)	0.81	1	No
Dibenzo(a,h)anthracene	--	**0.22**	N/A (See Note 5)	0.26	0.7	No
Indeno(1,2,3-cd)pyrene	--	**0.22**	N/A (See Note 5)	0.45	1	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.0000038	0.00000043	2.00E-05	N/A (See Note 5)	2.00E-02	No
Inorganics						
Arsenic	--	2.60	N/A (See Note 5)	4.49	30	No
Sulfide	--	8.30	N/A (See Note 5)	203.70	Not Listed	**Yes**

See notes on page 2.

TABLE E-89
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3A (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs (WHO TEFs) were evaluated for the 3- to 15-foot depth increment only.
7. -- = Constituent not subject to analysis.

TABLE E-90
EXISTING CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
RECREATIONAL AREA R3A (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	1.43	100	No
Benzo(a)pyrene	0.81	100	No
Benzo(b)fluoranthene	0.81	100	No
Dibenzo(a,h)anthracene	0.26	100	No
Indeno(1,2,3-cd)pyrene	0.45	100	No
Inorganics			
Arsenic	4.49	300	No
Sulfide	203.70	1,000 (See Note 3)	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.
3. MCP default UCL (per 310 CMR 40.0996(8)(a)).

Recreational Area R3B

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TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter Date Collected:	02/25/03	05/03/04	05/03/04	05/03/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,1,1-Trichloroethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,1,2,2-Tetrachloroethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,1,2-Trichloroethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,1-Dichloroethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,1-Dichloroethene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,2,3-Trichloropropane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,2-Dibromo-3-chloropropane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,2-Dibromoethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,2-Dichloroethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,2-Dichloropropane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
1,4-Dioxane	ND(1.2) J	ND(0.13) J	ND(0.14) J	NA
2-Butanone	ND(0.0059) J	ND(0.013)	ND(0.014)	NA
2-Chloro-1,3-butadiene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
2-Chloroethylvinylether	ND(0.012) J	ND(0.0067)	ND(0.0071)	NA
2-Hexanone	ND(0.024) J	ND(0.013)	ND(0.014)	NA
3-Chloropropene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
4-Methyl-2-pentanone	ND(0.024)	ND(0.013)	ND(0.014)	NA
Acetone	ND(0.024) J	ND(0.027)	ND(0.028)	NA
Acetonitrile	ND(0.12)	ND(0.13) J	ND(0.14) J	NA
Acrolein	ND(0.12) J	ND(0.13) J	ND(0.14) J	NA
Acrylonitrile	ND(0.12)	ND(0.0067)	ND(0.0071)	NA
Benzene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Bromodichloromethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Bromoform	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Bromomethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Carbon Disulfide	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Carbon Tetrachloride	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Chlorobenzene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Chloroethane	ND(0.012)	ND(0.0067)	ND(0.0071)	NA
Chloroform	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Chloromethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
cis-1,3-Dichloropropene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Dibromochloromethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Dibromomethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Dichlorodifluoromethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Ethyl Methacrylate	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Ethylbenzene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Iodomethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Isobutanol	ND(0.24) J	ND(0.13) J	ND(0.14) J	NA
Methacrylonitrile	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Methyl Methacrylate	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Methylene Chloride	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Propionitrile	ND(0.012)	ND(0.013) J	ND(0.014) J	NA
Styrene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Tetrachloroethene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Toluene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
trans-1,2-Dichloroethene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
trans-1,3-Dichloropropene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
trans-1,4-Dichloro-2-butene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Trichloroethene	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Trichlorofluoromethane	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Vinyl Acetate	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA
Vinyl Chloride	ND(0.012)	ND(0.0067)	ND(0.0071)	NA
Xylenes (total)	ND(0.0059)	ND(0.0067)	ND(0.0071)	NA

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/25/03	05/03/04	05/03/04	05/03/04
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
1,2,4-Trichlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
1,2-Dichlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
1,2-Diphenylhydrazine	ND(1.7)	ND(0.49) J	NA	ND(0.52) J
1,3,5-Trinitrobenzene	ND(8.2)	ND(0.49)	NA	ND(0.52)
1,3-Dichlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
1,3-Dinitrobenzene	ND(1.7)	ND(0.90) J	NA	ND(0.87) J
1,4-Dichlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
1,4-Naphthoquinone	ND(8.2)	ND(0.90) J	NA	ND(0.87) J
1-Naphthylamine	ND(1.7)	ND(0.90)	NA	ND(0.87)
2,3,4,6-Tetrachlorophenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,4,5-Trichlorophenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,4,6-Trichlorophenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,4-Dichlorophenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,4-Dimethylphenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,4-Dinitrophenol	ND(8.2)	ND(2.4)	NA	ND(2.6)
2,4-Dinitrotoluene	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,6-Dichlorophenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2,6-Dinitrotoluene	ND(1.7)	ND(0.49)	NA	ND(0.52)
2-Acetylaminofluorene	ND(3.4)	ND(0.90)	NA	ND(0.87)
2-Chloronaphthalene	ND(1.7)	ND(0.49)	NA	ND(0.52)
2-Chlorophenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2-Methylnaphthalene	0.23 J	ND(0.49)	NA	ND(0.52)
2-Methylphenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
2-Naphthylamine	ND(1.7)	ND(0.90)	NA	ND(0.87)
2-Nitroaniline	ND(8.2)	ND(2.4) J	NA	ND(2.6) J
2-Nitrophenol	ND(1.7)	ND(0.90)	NA	ND(0.87)
2-Picoline	ND(3.4)	ND(0.49)	NA	ND(0.52)
3&4-Methylphenol	ND(3.4)	ND(0.90)	NA	ND(0.87)
3,3'-Dichlorobenzidine	ND(8.2)	ND(0.98)	NA	ND(1.0)
3,3'-Dimethylbenzidine	ND(8.2)	ND(0.49)	NA	ND(0.52)
3-Methylcholanthrene	ND(8.2)	ND(0.90)	NA	ND(0.87)
3-Nitroaniline	ND(8.2)	ND(2.4)	NA	ND(2.6)
4,6-Dinitro-2-methylphenol	ND(8.2)	ND(0.49)	NA	ND(0.52)
4-Aminobiphenyl	ND(8.2)	ND(0.90)	NA	ND(0.87)
4-Bromophenyl-phenylether	ND(1.7)	ND(0.49)	NA	ND(0.52)
4-Chloro-3-Methylphenol	ND(1.7)	ND(0.49)	NA	ND(0.52)
4-Chloroaniline	ND(1.7)	ND(0.49)	NA	ND(0.52)
4-Chlorobenzilate	ND(1.7)	ND(0.90)	NA	ND(0.87)
4-Chlorophenyl-phenylether	ND(1.7)	ND(0.49)	NA	ND(0.52)
4-Nitroaniline	ND(8.2)	ND(2.3) J	NA	ND(2.2) J
4-Nitrophenol	ND(8.2)	ND(2.4) J	NA	ND(2.6) J
4-Nitroquinoline-1-oxide	ND(17)	ND(0.90) J	NA	ND(0.87) J
4-Phenylenediamine	ND(34)	ND(0.90)	NA	ND(0.87)
5-Nitro-o-toluidine	ND(3.4)	ND(0.90)	NA	ND(0.87)
7,12-Dimethylbenz(a)anthracene	ND(3.4)	ND(0.90)	NA	ND(0.87)
a,a'-Dimethylphenethylamine	ND(8.2)	ND(0.90) J	NA	ND(0.87) J
Acenaphthene	0.27 J	ND(0.49)	NA	ND(0.52)
Acenaphthylene	0.94 J	ND(0.49)	NA	ND(0.52)
Acetophenone	ND(1.7)	ND(0.49)	NA	ND(0.52)
Aniline	1.4 J	ND(0.49)	NA	ND(0.52)
Anthracene	0.96 J	ND(0.49)	NA	ND(0.52)
Aramite	ND(8.2)	ND(0.90)	NA	ND(0.87)
Benzidine	ND(17)	ND(0.98) J	NA	ND(1.0) J
Benzo(a)anthracene	2.6	ND(0.49)	NA	ND(0.52)
Benzo(a)pyrene	2.9	ND(0.49)	NA	0.14 J
Benzo(b)fluoranthene	3.0	ND(0.49)	NA	ND(0.52)

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter / Date Collected:	02/25/03	05/03/04	05/03/04	05/03/04
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	1.1 J	ND(0.49)	NA	ND(0.52)
Benzo(k)fluoranthene	3.2	ND(0.49)	NA	ND(0.52)
Benzyl Alcohol	ND(1.7)	ND(0.98) J	NA	ND(1.0) J
bis(2-Chloroethoxy)methane	ND(1.7)	ND(0.49)	NA	ND(0.52)
bis(2-Chloroethyl)ether	ND(1.7)	ND(0.49)	NA	ND(0.52)
bis(2-Chloroisopropyl)ether	ND(1.7)	ND(0.49)	NA	ND(0.52)
bis(2-Ethylhexyl)phthalate	ND(1.7)	ND(0.44)	NA	ND(0.43)
Butylbenzylphthalate	ND(1.7)	ND(0.49)	NA	ND(0.52)
Chrysene	3.1	ND(0.49)	NA	ND(0.52)
Diallate	ND(3.4)	ND(0.90)	NA	ND(0.87)
Dibenzo(a,h)anthracene	0.32 J	ND(0.49)	NA	ND(0.52)
Dibenzofuran	0.20 J	ND(0.49)	NA	ND(0.52)
Diethylphthalate	ND(1.7)	ND(0.49)	NA	ND(0.52)
Dimethylphthalate	ND(1.7)	ND(0.49)	NA	ND(0.52)
Di-n-Butylphthalate	ND(1.7)	ND(0.49)	NA	ND(0.52)
Di-n-Octylphthalate	ND(1.7)	ND(0.49)	NA	ND(0.52)
Diphenylamine	ND(1.7)	ND(0.49)	NA	ND(0.52)
Ethyl Methanesulfonate	ND(1.7)	ND(0.49)	NA	ND(0.52)
Fluoranthene	6.6	0.12 J	NA	ND(0.52)
Fluorene	0.38 J	ND(0.49)	NA	ND(0.52)
Hexachlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
Hexachlorobutadiene	ND(1.7)	ND(0.49)	NA	ND(0.52)
Hexachlorocyclopentadiene	ND(8.2)	ND(0.49)	NA	ND(0.52)
Hexachloroethane	ND(1.7)	ND(0.49)	NA	ND(0.52)
Hexachlorophene	ND(34) J	ND(0.98)	NA	ND(1.0)
Hexachloropropene	ND(17)	ND(0.49) J	NA	ND(0.52) J
Indeno(1,2,3-cd)pyrene	1.2 J	ND(0.49)	NA	ND(0.52)
Isodrin	ND(1.7)	ND(0.49)	NA	ND(0.52)
Isophorone	ND(1.7)	ND(0.49)	NA	ND(0.52)
Isosafrole	ND(3.4)	ND(0.90)	NA	ND(0.87)
Methapyrilene	ND(8.2)	ND(0.90) J	NA	ND(0.87) J
Methyl Methanesulfonate	ND(1.7)	ND(0.49) J	NA	ND(0.52) J
Naphthalene	0.38 J	ND(0.49)	NA	ND(0.52)
Nitrobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
N-Nitrosodiethylamine	ND(1.7)	ND(0.49) J	NA	ND(0.52) J
N-Nitrosodimethylamine	ND(1.7)	ND(0.49)	NA	ND(0.52)
N-Nitroso-di-n-butylamine	ND(1.7)	ND(0.90)	NA	ND(0.87)
N-Nitroso-di-n-propylamine	ND(1.7)	ND(0.49)	NA	ND(0.52)
N-Nitrosodiphenylamine	ND(1.7)	ND(0.49)	NA	ND(0.52)
N-Nitrosomethylethylamine	ND(1.7)	ND(0.90)	NA	ND(0.87)
N-Nitrosomorpholine	ND(1.7)	ND(0.49)	NA	ND(0.52)
N-Nitrosopiperidine	ND(1.7)	ND(0.49)	NA	ND(0.52)
N-Nitrosopyrrolidine	ND(1.7)	ND(0.90)	NA	ND(0.87)
o,o,o-Triethylphosphorothioate	ND(8.2)	ND(0.49)	NA	ND(0.52)
o-Toluidine	ND(3.4)	ND(0.49)	NA	ND(0.52)
p-Dimethylaminoazobenzene	ND(3.4)	ND(0.90)	NA	ND(0.87)
Pentachlorobenzene	ND(1.7)	ND(0.49)	NA	ND(0.52)
Pentachloroethane	ND(8.2)	ND(0.49) J	NA	ND(0.52) J
Pentachloronitrobenzene	ND(8.2)	ND(0.90) J	NA	ND(0.87) J
Pentachlorophenol	ND(8.2)	ND(2.4)	NA	ND(2.6)
Phenacetin	ND(3.4)	ND(0.90) J	NA	ND(0.87) J
Phenanthrene	3.5	ND(0.49)	NA	ND(0.52)
Phenol	0.33 J	ND(0.49)	NA	ND(0.52)
Pronamide	ND(3.4)	ND(0.49)	NA	ND(0.52)
Pyrene	4.7	0.12 J	NA	ND(0.52)
Pyridine	ND(3.4)	ND(0.49)	NA	ND(0.52)
Safrole	ND(3.4)	ND(0.49)	NA	ND(0.52)
Thionazin	ND(8.2)	ND(0.49)	NA	ND(0.52)

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample ID:	RAA15-B18	RAA15-B19S	RAA15-B19S	RAA15-B19S
Sample Depth(Feet):	0-1	1-3	10-12	10-15
Parameter Date Collected:	02/25/03	05/03/04	05/03/04	05/03/04
Furans				
2,3,7,8-TCDF	ND(0.000027) X	0.0000097 Y	NA	ND(0.000000094) X
TCDFs (total)	ND(0.00026) X	0.000093	NA	ND(0.00000011)
1,2,3,7,8-PeCDF	0.000012 J	0.0000056	NA	ND(0.00000026)
2,3,4,7,8-PeCDF	0.000023 J	0.0000099	NA	ND(0.00000026)
PeCDFs (total)	ND(0.00060) X	0.000094	NA	ND(0.00000026)
1,2,3,4,7,8-HxCDF	0.000041 J	0.000019	NA	0.000000090 J
1,2,3,6,7,8-HxCDF	ND(0.000054) X	0.0000088	NA	0.000000071 J
1,2,3,7,8,9-HxCDF	ND(0.0000014) X	0.0000027 J	NA	ND(0.00000026)
2,3,4,6,7,8-HxCDF	0.000015 J	0.0000066	NA	ND(0.00000026)
HxCDFs (total)	ND(0.00051) X	0.000095	NA	0.00000027
1,2,3,4,6,7,8-HpCDF	0.000065	0.000036	NA	0.00000015 J
1,2,3,4,7,8,9-HpCDF	0.000018 J	0.000011	NA	ND(0.00000026)
HpCDFs (total)	ND(0.00020) X	0.000076	NA	0.00000015
OCDF	0.00012 J	0.000080	NA	ND(0.00000052)
Dioxins				
2,3,7,8-TCDD	ND(0.0000014)	0.00000026 J	NA	ND(0.00000011)
TCDDs (total)	ND(0.0000022) X	0.0000013	NA	ND(0.00000025)
1,2,3,7,8-PeCDD	ND(0.0000023) X	ND(0.00000050) X	NA	ND(0.00000026)
PeCDDs (total)	ND(0.0000083) X	0.0000038	NA	ND(0.00000026)
1,2,3,4,7,8-HxCDD	ND(0.0000024) X	0.00000067 J	NA	ND(0.00000026)
1,2,3,6,7,8-HxCDD	ND(0.0000052) X	0.00000089 J	NA	ND(0.00000026)
1,2,3,7,8,9-HxCDD	ND(0.0000044) X	0.0000013 J	NA	ND(0.00000026)
HxCDDs (total)	ND(0.000061) X	0.000011	NA	ND(0.00000046)
1,2,3,4,6,7,8-HpCDD	0.00014	0.0000081	NA	0.00000017 J
HpCDDs (total)	0.00053	0.000016	NA	0.00000017
OCDD	0.0011 J	0.000044	NA	ND(0.00000081)
Total TEQs (WHO TEFs)	0.000027	0.000011	NA	0.00000035
Inorganics				
Antimony	0.580 B	ND(6.00)	NA	ND(6.00)
Arsenic	4.50	4.40	NA	0.720 B
Barium	38.1 J	49.0	NA	13.0 B
Beryllium	0.550 B	0.500 B	NA	0.140 B
Cadmium	0.290 B	1.00	NA	0.290 B
Chromium	12.6 J	15.0	NA	4.10
Cobalt	7.70	10.0	NA	3.80 B
Copper	33.2 J	28.0	NA	4.20
Cyanide	ND(0.310)	0.0700 B	NA	ND(0.130)
Lead	181 J	73.0	NA	2.50
Mercury	0.110	0.370	NA	ND(0.130)
Nickel	14.2	16.0	NA	6.80
Selenium	ND(0.640)	0.680 J	NA	0.660 J
Silver	ND(1.30)	ND(1.00)	NA	ND(1.00)
Sulfide	ND(12.7)	6.40 B	NA	12.0
Thallium	ND(1.30)	ND(1.30) J	NA	ND(1.30) J
Tin	ND(7.00)	ND(10)	NA	ND(10)
Vanadium	20.7	18.0	NA	4.50 B
Zinc	127	100	NA	25.0

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	1-3	3-6	4-6	6-10
Parameter / Date Collected:	02/26/03	02/26/03	02/26/03	02/26/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0049)	NA	ND(0.0063)	NA
1,1,1-Trichloroethane	ND(0.0049)	NA	ND(0.0063)	NA
1,1,2,2-Tetrachloroethane	ND(0.0049)	NA	ND(0.0063)	NA
1,1,2-Trichloroethane	ND(0.0049)	NA	ND(0.0063)	NA
1,1-Dichloroethane	ND(0.0049)	NA	ND(0.0063)	NA
1,1-Dichloroethene	ND(0.0049)	NA	ND(0.0063)	NA
1,2,3-Trichloropropane	ND(0.0049)	NA	ND(0.0063)	NA
1,2-Dibromo-3-chloropropane	ND(0.0049)	NA	ND(0.0063)	NA
1,2-Dibromoethane	ND(0.0049)	NA	ND(0.0063)	NA
1,2-Dichloroethane	ND(0.0049)	NA	ND(0.0063)	NA
1,2-Dichloropropane	ND(0.0049)	NA	ND(0.0063)	NA
1,4-Dioxane	ND(0.97) J	NA	ND(1.3) J	NA
2-Butanone	ND(0.0049) J	NA	ND(0.0063) J	NA
2-Chloro-1,3-butadiene	ND(0.0049)	NA	ND(0.0063)	NA
2-Chloroethylvinylether	ND(0.0097) J	NA	ND(0.013) J	NA
2-Hexanone	ND(0.019) J	NA	ND(0.025) J	NA
3-Chloropropene	ND(0.0049)	NA	ND(0.0063)	NA
4-Methyl-2-pentanone	ND(0.019)	NA	ND(0.025)	NA
Acetone	ND(0.019) J	NA	ND(0.025) J	NA
Acetonitrile	ND(0.097) J	NA	ND(0.13) J	NA
Acrolein	ND(0.097) J	NA	ND(0.13) J	NA
Acrylonitrile	ND(0.097)	NA	ND(0.13)	NA
Benzene	ND(0.0049)	NA	ND(0.0063)	NA
Bromodichloromethane	ND(0.0049)	NA	ND(0.0063)	NA
Bromoform	ND(0.0049)	NA	ND(0.0063)	NA
Bromomethane	ND(0.0049)	NA	ND(0.0063)	NA
Carbon Disulfide	ND(0.0049)	NA	ND(0.0063)	NA
Carbon Tetrachloride	ND(0.0049)	NA	ND(0.0063)	NA
Chlorobenzene	ND(0.0049)	NA	ND(0.0063)	NA
Chloroethane	ND(0.0097)	NA	ND(0.013)	NA
Chloroform	ND(0.0049)	NA	ND(0.0063)	NA
Chloromethane	ND(0.0049)	NA	ND(0.0063)	NA
cis-1,3-Dichloropropene	ND(0.0049)	NA	ND(0.0063)	NA
Dibromochloromethane	ND(0.0049)	NA	ND(0.0063)	NA
Dibromomethane	ND(0.0049)	NA	ND(0.0063)	NA
Dichlorodifluoromethane	ND(0.0049)	NA	ND(0.0063)	NA
Ethyl Methacrylate	ND(0.0049)	NA	ND(0.0063)	NA
Ethylbenzene	ND(0.0049)	NA	ND(0.0063)	NA
Iodomethane	ND(0.0049)	NA	ND(0.0063)	NA
Isobutanol	ND(0.19) J	NA	ND(0.25) J	NA
Methacrylonitrile	ND(0.0049)	NA	ND(0.0063)	NA
Methyl Methacrylate	ND(0.0049)	NA	ND(0.0063)	NA
Methylene Chloride	0.0027 J	NA	0.0023 J	NA
Propionitrile	ND(0.0097)	NA	ND(0.013)	NA
Styrene	ND(0.0049)	NA	ND(0.0063)	NA
Tetrachloroethene	ND(0.0049)	NA	ND(0.0063)	NA
Toluene	0.0014 J	NA	0.0011 J	NA
trans-1,2-Dichloroethene	ND(0.0049)	NA	ND(0.0063)	NA
trans-1,3-Dichloropropene	ND(0.0049)	NA	ND(0.0063)	NA
trans-1,4-Dichloro-2-butene	ND(0.0049)	NA	ND(0.0063)	NA
Trichloroethene	ND(0.0049)	NA	ND(0.0063)	NA
Trichlorofluoromethane	ND(0.0049)	NA	ND(0.0063)	NA
Vinyl Acetate	ND(0.0049)	NA	ND(0.0063)	NA
Vinyl Chloride	ND(0.0097)	NA	ND(0.013)	NA
Xylenes (total)	ND(0.0049)	NA	ND(0.0063)	NA

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	1-3	3-6	4-6	6-10
Parameter / Date Collected:	02/26/03	02/26/03	02/26/03	02/26/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
1,2,4-Trichlorobenzene	0.12 J	ND(0.44)	NA	ND(0.45)
1,2-Dichlorobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.44)	NA	ND(0.45)
1,3,5-Trinitrobenzene	ND(1.9)	ND(2.1)	NA	ND(2.2)
1,3-Dichlorobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
1,3-Dinitrobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
1,4-Dichlorobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
1,4-Naphthoquinone	ND(1.9)	ND(2.1)	NA	ND(2.2)
1-Naphthylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,4,5-Trichlorophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,4-Dichlorophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,4-Dimethylphenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,4-Dinitrophenol	ND(1.9)	ND(2.1)	NA	ND(2.2)
2,4-Dinitrotoluene	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,6-Dichlorophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2,6-Dinitrotoluene	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Acetylaminofluorene	ND(0.78)	ND(0.87)	NA	ND(0.91)
2-Chloronaphthalene	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Chlorophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Methylnaphthalene	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Methylphenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Naphthylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Nitroaniline	ND(1.9)	ND(2.1)	NA	ND(2.2)
2-Nitrophenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
2-Picoline	ND(0.78)	ND(0.87)	NA	ND(0.91)
3&4-Methylphenol	ND(0.78)	ND(0.87)	NA	ND(0.91)
3,3'-Dichlorobenzidine	ND(1.9)	ND(2.1)	NA	ND(2.2)
3,3'-Dimethylbenzidine	ND(1.9)	ND(2.1)	NA	ND(2.2)
3-Methylcholanthrene	ND(1.9)	ND(2.1)	NA	ND(2.2)
3-Nitroaniline	ND(1.9)	ND(2.1)	NA	ND(2.2)
4,6-Dinitro-2-methylphenol	ND(1.9)	ND(2.1)	NA	ND(2.2)
4-Aminobiphenyl	ND(1.9)	ND(2.1)	NA	ND(2.2)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.44)	NA	ND(0.45)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
4-Chloroaniline	ND(0.39)	ND(0.44)	NA	ND(0.45)
4-Chlorobenzilate	ND(0.39)	ND(0.44)	NA	ND(0.45)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.44)	NA	ND(0.45)
4-Nitroaniline	ND(1.9)	ND(2.1)	NA	ND(2.2)
4-Nitrophenol	ND(1.9)	ND(2.1)	NA	ND(2.2)
4-Nitroquinoline-1-oxide	ND(3.9)	ND(4.4)	NA	ND(4.5)
4-Phenylenediamine	ND(7.8)	ND(8.7)	NA	ND(9.1)
5-Nitro-o-toluidine	ND(0.78)	ND(0.87)	NA	ND(0.91)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.87)	NA	ND(0.91)
a,a'-Dimethylphenethylamine	ND(1.9)	ND(2.1)	NA	ND(2.2)
Acenaphthene	ND(0.39)	ND(0.44)	NA	ND(0.45)
Acenaphthylene	0.11 J	0.099 J	NA	ND(0.45)
Acetophenone	ND(0.39)	ND(0.44)	NA	ND(0.45)
Aniline	ND(0.39)	ND(0.44)	NA	ND(0.45)
Anthracene	0.055 J	0.057 J	NA	ND(0.45)
Aramite	ND(1.9)	ND(2.1)	NA	ND(2.2)
Benzidine	ND(3.9)	ND(4.4)	NA	ND(4.5)
Benzo(a)anthracene	0.20 J	0.20 J	NA	ND(0.45)
Benzo(a)pyrene	0.27 J	0.25 J	NA	ND(0.45)
Benzo(b)fluoranthene	0.27 J	0.27 J	NA	ND(0.45)

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	1-3	3-6	4-6	6-10
Parameter / Date Collected:	02/26/03	02/26/03	02/26/03	02/26/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	0.099 J	0.088 J	NA	ND(0.45)
Benzo(k)fluoranthene	0.28 J	0.30 J	NA	ND(0.45)
Benzyl Alcohol	ND(0.39)	ND(0.44)	NA	ND(0.45)
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.44)	NA	ND(0.45)
bis(2-Chloroethyl)ether	ND(0.39)	ND(0.44)	NA	ND(0.45)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.44)	NA	ND(0.45)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Butylbenzylphthalate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Chrysene	0.26 J	0.27 J	NA	ND(0.45)
Diallate	ND(0.78)	ND(0.87)	NA	ND(0.91)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.44)	NA	ND(0.45)
Dibenzofuran	ND(0.39)	ND(0.44)	NA	ND(0.45)
Diethylphthalate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Dimethylphthalate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Di-n-Butylphthalate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Di-n-Octylphthalate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Diphenylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
Ethyl Methanesulfonate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Fluoranthene	0.46	0.52	NA	ND(0.45)
Fluorene	ND(0.39)	ND(0.44)	NA	ND(0.45)
Hexachlorobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
Hexachlorobutadiene	ND(0.39)	ND(0.44)	NA	ND(0.45)
Hexachlorocyclopentadiene	ND(1.9)	ND(2.1)	NA	ND(2.2)
Hexachloroethane	ND(0.39)	ND(0.44)	NA	ND(0.45)
Hexachlorophene	ND(7.9) J	ND(8.9) J	NA	ND(9.2) J
Hexachloropropene	ND(3.9)	ND(4.4)	NA	ND(4.5)
Indeno(1,2,3-cd)pyrene	0.11 J	0.11 J	NA	ND(0.45)
Isodrin	ND(0.39)	ND(0.44)	NA	ND(0.45)
Isophorone	ND(0.39)	ND(0.44)	NA	ND(0.45)
Isosafrole	ND(0.78)	ND(0.87)	NA	ND(0.91)
Methapyrilene	ND(1.9)	ND(2.1)	NA	ND(2.2)
Methyl Methanesulfonate	ND(0.39)	ND(0.44)	NA	ND(0.45)
Naphthalene	ND(0.39)	0.028 J	NA	ND(0.45)
Nitrobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosodiethylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosodimethylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitroso-di-n-butylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosomethylethylamine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosomorpholine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosopiperidine	ND(0.39)	ND(0.44)	NA	ND(0.45)
N-Nitrosopyrrolidine	ND(0.39)	ND(0.44)	NA	ND(0.45)
o,o,o-Triethylphosphorothioate	ND(1.9)	ND(2.1)	NA	ND(2.2)
o-Toluidine	ND(0.78)	ND(0.87)	NA	ND(0.91)
p-Dimethylaminoazobenzene	ND(0.78)	ND(0.87)	NA	ND(0.91)
Pentachlorobenzene	ND(0.39)	ND(0.44)	NA	ND(0.45)
Pentachloroethane	ND(1.9)	ND(2.1)	NA	ND(2.2)
Pentachloronitrobenzene	ND(1.9)	ND(2.1)	NA	ND(2.2)
Pentachlorophenol	ND(1.9)	ND(2.1)	NA	ND(2.2)
Phenacetin	ND(0.78)	ND(0.87)	NA	ND(0.91)
Phenanthrene	0.17 J	0.21 J	NA	ND(0.45)
Phenol	ND(0.39)	ND(0.44)	NA	ND(0.45)
Pronamide	ND(0.78)	ND(0.87)	NA	ND(0.91)
Pyrene	0.34 J	0.38 J	NA	ND(0.45)
Pyridine	ND(0.78)	ND(0.87)	NA	ND(0.91)
Safrole	ND(0.78)	ND(0.87)	NA	ND(0.91)
Thionazin	ND(1.9)	ND(2.1)	NA	ND(2.2)

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample ID:	RAA15-C18	RAA15-C18	RAA15-C18	RAA15-C18
Sample Depth(Feet):	1-3	3-6	4-6	6-10
Parameter / Date Collected:	02/26/03	02/26/03	02/26/03	02/26/03
Furans				
2,3,7,8-TCDF	ND(0.000027) X	ND(0.000014) X	NA	ND(0.00000068)
TCDFs (total)	ND(0.00020) X	ND(0.00010) X	NA	ND(0.00000068)
1,2,3,7,8-PeCDF	0.0000099 J	ND(0.0000051) X	NA	ND(0.00000034)
2,3,4,7,8-PeCDF	0.000012 J	ND(0.0000036) X	NA	ND(0.00000033)
PeCDFs (total)	ND(0.00035) X	ND(0.000086) X	NA	ND(0.00000034)
1,2,3,4,7,8-HxCDF	0.000037	0.0000057 J	NA	ND(0.00000022)
1,2,3,6,7,8-HxCDF	ND(0.000048) X	ND(0.000011) X	NA	ND(0.00000021)
1,2,3,7,8,9-HxCDF	ND(0.00000063)	ND(0.00000061)	NA	ND(0.00000026)
2,3,4,6,7,8-HxCDF	0.0000054 J	ND(0.0000015) X	NA	ND(0.00000024)
HxCDFs (total)	ND(0.00029) X	ND(0.000072) X	NA	0.00000064 J
1,2,3,4,6,7,8-HpCDF	0.000084	0.000042 J	NA	0.00000082 J
1,2,3,4,7,8,9-HpCDF	0.000031	ND(0.0000020) XJ	NA	ND(0.00000038)
HpCDFs (total)	0.00021 J	ND(0.000083) XJ	NA	ND(0.0000016) X
OCDF	0.00025 J	0.000039 J	NA	0.0000015 J
Dioxins				
2,3,7,8-TCDD	ND(0.0000012)	ND(0.0000016)	NA	ND(0.00000095)
TCDDs (total)	ND(0.0000012)	ND(0.0000016)	NA	ND(0.00000095)
1,2,3,7,8-PeCDD	ND(0.0000013) X	ND(0.0000012)	NA	ND(0.00000066)
PeCDDs (total)	ND(0.0000060) X	ND(0.0000012)	NA	ND(0.00000066)
1,2,3,4,7,8-HxCDD	ND(0.0000021) X	ND(0.0000012)	NA	ND(0.00000057)
1,2,3,6,7,8-HxCDD	ND(0.0000020) X	ND(0.0000016) X	NA	ND(0.00000054)
1,2,3,7,8,9-HxCDD	ND(0.0000022) X	ND(0.0000012)	NA	ND(0.00000056)
HxCDDs (total)	ND(0.000022) X	ND(0.0000087) X	NA	ND(0.00000056)
1,2,3,4,6,7,8-HpCDD	0.000030	0.000022 J	NA	ND(0.00000050)
HpCDDs (total)	0.000056 J	0.000037 J	NA	ND(0.00000050)
OCDD	0.00027	0.00026 J	NA	ND(0.0000058)
Total TEQs (WHO TEFs)	0.000018	0.0000052	NA	0.0000011
Inorganics				
Antimony	ND(7.10) J	ND(8.00) J	NA	ND(8.20) J
Arsenic	5.30	5.20	NA	1.80
Barium	75.0	66.4	NA	35.2
Beryllium	0.600	0.720	NA	ND(0.590)
Cadmium	ND(0.120)	ND(0.660)	NA	ND(0.690)
Chromium	21.2	31.6	NA	10.2
Cobalt	8.40	9.00	NA	6.80 B
Copper	28.3	30.5	NA	11.2
Cyanide	ND(0.590)	0.310 B	NA	0.270 B
Lead	31.8	52.0	NA	5.60
Mercury	0.220	0.270	NA	0.0260 B
Nickel	16.8 J	16.7 J	NA	12.9 J
Selenium	ND(0.590) J	0.390 B	NA	ND(0.690) J
Silver	ND(1.20)	ND(1.30)	NA	ND(1.40)
Sulfide	ND(11.8)	ND(13.3)	NA	ND(13.7)
Thallium	ND(1.20)	ND(1.30)	NA	ND(1.40)
Tin	ND(6.80)	ND(7.90)	NA	ND(5.50)
Vanadium	17.6	16.4	NA	12.0
Zinc	73.0	101	NA	53.7

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C19	RAA15-C20	RAA15-C20
Sample ID:	RAA15-C18	RAA15-C19	RAA15-C20	RAA15-C20
Sample Depth(Feet):	8-10	0-1	6-10	8-10
Parameter / Date Collected:	02/26/03	02/27/03	03/04/03	03/04/03
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,1,1-Trichloroethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,1,2,2-Tetrachloroethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,1,2-Trichloroethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,1-Dichloroethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,1-Dichloroethene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,2,3-Trichloropropane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,2-Dibromo-3-chloropropane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,2-Dibromoethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,2-Dichloroethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,2-Dichloropropane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
1,4-Dioxane	ND(1.3) J	ND(2.7) J	NA	ND(1.6) J
2-Butanone	ND(0.0063) J	ND(0.013) J	NA	ND(0.0078) J
2-Chloro-1,3-butadiene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
2-Chloroethylvinylether	ND(0.013) J	ND(0.027) J	NA	ND(0.016) J
2-Hexanone	ND(0.025) J	ND(0.053)	NA	ND(0.031) J
3-Chloropropene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
4-Methyl-2-pentanone	ND(0.025)	ND(0.053)	NA	ND(0.031) J
Acetone	ND(0.025) J	ND(0.053) J	NA	ND(0.031)
Acetonitrile	ND(0.13) J	ND(0.27) J	NA	ND(0.16) J
Acrolein	ND(0.13) J	ND(0.27) J	NA	ND(0.16) J
Acrylonitrile	ND(0.13)	ND(0.27)	NA	ND(0.16)
Benzene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Bromodichloromethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Bromoform	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Bromomethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078) J
Carbon Disulfide	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Carbon Tetrachloride	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Chlorobenzene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Chloroethane	ND(0.013)	ND(0.027) J	NA	ND(0.016) J
Chloroform	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Chloromethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
cis-1,3-Dichloropropene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Dibromochloromethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Dibromomethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Dichlorodifluoromethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Ethyl Methacrylate	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Ethylbenzene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Iodomethane	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Isobutanol	ND(0.25) J	ND(0.53) J	NA	ND(0.31) J
Methacrylonitrile	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Methyl Methacrylate	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Methylene Chloride	0.0032 J	ND(0.013)	NA	0.0025 J
Propionitrile	ND(0.013)	ND(0.027)	NA	ND(0.016)
Styrene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Tetrachloroethene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Toluene	0.0025 J	ND(0.013)	NA	ND(0.0078)
trans-1,2-Dichloroethene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
trans-1,3-Dichloropropene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
trans-1,4-Dichloro-2-butene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Trichloroethene	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Trichlorofluoromethane	ND(0.0063)	ND(0.013) J	NA	ND(0.0078) J
Vinyl Acetate	ND(0.0063)	ND(0.013)	NA	ND(0.0078)
Vinyl Chloride	ND(0.013)	ND(0.027)	NA	ND(0.016)
Xylenes (total)	ND(0.0063)	ND(0.013)	NA	ND(0.0078)

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C19	RAA15-C20	RAA15-C20
Sample ID:	RAA15-C18	RAA15-C19	RAA15-C20	RAA15-C20
Sample Depth(Feet):	8-10	0-1	6-10	8-10
Parameter / Date Collected:	02/26/03	02/27/03	03/04/03	03/04/03
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.47)	ND(0.55)	NA
1,2,4-Trichlorobenzene	NA	ND(0.47)	ND(0.55)	NA
1,2-Dichlorobenzene	NA	ND(0.47)	ND(0.55)	NA
1,2-Diphenylhydrazine	NA	ND(0.47)	ND(0.55)	NA
1,3,5-Trinitrobenzene	NA	ND(2.3)	ND(2.7)	NA
1,3-Dichlorobenzene	NA	ND(0.47)	ND(0.55)	NA
1,3-Dinitrobenzene	NA	ND(0.47)	ND(0.55)	NA
1,4-Dichlorobenzene	NA	ND(0.47)	ND(0.55)	NA
1,4-Naphthoquinone	NA	ND(2.3)	ND(2.7)	NA
1-Naphthylamine	NA	ND(0.47)	ND(0.55)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.47)	ND(0.55)	NA
2,4,5-Trichlorophenol	NA	ND(0.47)	ND(0.55)	NA
2,4,6-Trichlorophenol	NA	ND(0.47)	ND(0.55)	NA
2,4-Dichlorophenol	NA	ND(0.47)	ND(0.55)	NA
2,4-Dimethylphenol	NA	ND(0.47)	ND(0.55)	NA
2,4-Dinitrophenol	NA	ND(2.3)	ND(2.7)	NA
2,4-Dinitrotoluene	NA	ND(0.47)	ND(0.55)	NA
2,6-Dichlorophenol	NA	ND(0.47)	ND(0.55)	NA
2,6-Dinitrotoluene	NA	ND(0.47)	ND(0.55)	NA
2-Acetylaminofluorene	NA	ND(0.95)	ND(1.1)	NA
2-Chloronaphthalene	NA	ND(0.47)	ND(0.55)	NA
2-Chlorophenol	NA	ND(0.47)	ND(0.55)	NA
2-Methylnaphthalene	NA	ND(0.47)	ND(0.55)	NA
2-Methylphenol	NA	ND(0.47)	ND(0.55)	NA
2-Naphthylamine	NA	ND(0.47)	ND(0.55)	NA
2-Nitroaniline	NA	ND(2.3)	ND(2.7)	NA
2-Nitrophenol	NA	ND(0.47)	ND(0.55)	NA
2-Picoline	NA	ND(0.95)	ND(1.1)	NA
3&4-Methylphenol	NA	ND(0.95)	ND(1.1)	NA
3,3'-Dichlorobenzidine	NA	ND(2.3)	ND(2.7)	NA
3,3'-Dimethylbenzidine	NA	ND(2.3)	ND(2.7)	NA
3-Methylcholanthrene	NA	ND(2.3)	ND(2.7)	NA
3-Nitroaniline	NA	ND(2.3)	ND(2.7)	NA
4,6-Dinitro-2-methylphenol	NA	ND(2.3)	ND(2.7)	NA
4-Aminobiphenyl	NA	ND(2.3)	ND(2.7)	NA
4-Bromophenyl-phenylether	NA	ND(0.47)	ND(0.55)	NA
4-Chloro-3-Methylphenol	NA	ND(0.47)	ND(0.55)	NA
4-Chloroaniline	NA	ND(0.47)	ND(0.55)	NA
4-Chlorobenzilate	NA	ND(0.47)	ND(0.55)	NA
4-Chlorophenyl-phenylether	NA	ND(0.47)	ND(0.55)	NA
4-Nitroaniline	NA	ND(2.3)	ND(2.7)	NA
4-Nitrophenol	NA	ND(2.3)	ND(2.7)	NA
4-Nitroquinoline-1-oxide	NA	ND(4.7)	ND(5.5)	NA
4-Phenylenediamine	NA	ND(9.5)	ND(11)	NA
5-Nitro-o-toluidine	NA	ND(0.95)	ND(1.1)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.95)	ND(1.1)	NA
a,a'-Dimethylphenethylamine	NA	ND(2.3)	ND(2.7)	NA
Acenaphthene	NA	ND(0.47)	ND(0.55)	NA
Acenaphthylene	NA	0.065 J	ND(0.55)	NA
Acetophenone	NA	ND(0.47)	ND(0.55)	NA
Aniline	NA	ND(0.47)	ND(0.55)	NA
Anthracene	NA	ND(0.47)	ND(0.55)	NA
Aramite	NA	ND(2.3)	ND(2.7)	NA
Benzidine	NA	ND(4.7)	ND(5.5)	NA
Benzo(a)anthracene	NA	0.22 J	ND(0.55)	NA
Benzo(a)pyrene	NA	0.27 J	ND(0.55)	NA
Benzo(b)fluoranthene	NA	0.27 J	ND(0.55)	NA

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-C18	RAA15-C19	RAA15-C20	RAA15-C20
Sample ID:	RAA15-C18	RAA15-C19	RAA15-C20	RAA15-C20
Sample Depth(Feet):	8-10	0-1	6-10	8-10
Parameter / Date Collected:	02/26/03	02/27/03	03/04/03	03/04/03
Semivolatile Organics (continued)				
Benzo(g,h,i)perylene	NA	0.13 J	ND(0.55)	NA
Benzo(k)fluoranthene	NA	0.25 J	ND(0.55)	NA
Benzyl Alcohol	NA	ND(0.47)	ND(0.55)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.47)	ND(0.55)	NA
bis(2-Chloroethyl)ether	NA	ND(0.47)	ND(0.55)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.47)	ND(0.55)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.47)	ND(0.55)	NA
Butylbenzylphthalate	NA	ND(0.47)	ND(0.55)	NA
Chrysene	NA	0.31 J	ND(0.55)	NA
Diallate	NA	ND(0.95)	ND(1.1)	NA
Dibenzo(a,h)anthracene	NA	ND(0.47)	ND(0.55)	NA
Dibenzofuran	NA	ND(0.47)	ND(0.55)	NA
Diethylphthalate	NA	ND(0.47)	ND(0.55)	NA
Dimethylphthalate	NA	ND(0.47)	ND(0.55)	NA
Di-n-Butylphthalate	NA	ND(0.47)	ND(0.55)	NA
Di-n-Octylphthalate	NA	ND(0.47)	ND(0.55)	NA
Diphenylamine	NA	ND(0.47)	ND(0.55)	NA
Ethyl Methanesulfonate	NA	ND(0.47)	ND(0.55)	NA
Fluoranthene	NA	0.49	ND(0.55)	NA
Fluorene	NA	ND(0.47)	ND(0.55)	NA
Hexachlorobenzene	NA	ND(0.47)	ND(0.55)	NA
Hexachlorobutadiene	NA	ND(0.47)	ND(0.55)	NA
Hexachlorocyclopentadiene	NA	ND(2.3)	ND(2.7)	NA
Hexachloroethane	NA	ND(0.47)	ND(0.55)	NA
Hexachlorophene	NA	ND(9.6) J	ND(11)	NA
Hexachloropropene	NA	ND(4.7)	ND(5.5)	NA
Indeno(1,2,3-cd)pyrene	NA	0.15 J	ND(0.55)	NA
Isodrin	NA	ND(0.47)	ND(0.55)	NA
Isophorone	NA	ND(0.47)	ND(0.55)	NA
Isosafrole	NA	ND(0.95)	ND(1.1)	NA
Methapyrilene	NA	ND(2.3)	ND(2.7)	NA
Methyl Methanesulfonate	NA	ND(0.47)	ND(0.55)	NA
Naphthalene	NA	ND(0.47)	ND(0.55)	NA
Nitrobenzene	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosodiethylamine	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosodimethylamine	NA	ND(0.47)	ND(0.55)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.47)	ND(0.55)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosodiphenylamine	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosomethylethylamine	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosomorpholine	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosopiperidine	NA	ND(0.47)	ND(0.55)	NA
N-Nitrosopyrrolidine	NA	ND(0.47)	ND(0.55)	NA
o,o,o-Triethylphosphorothioate	NA	ND(2.3)	ND(2.7)	NA
o-Toluidine	NA	ND(0.95)	ND(1.1)	NA
p-Dimethylaminoazobenzene	NA	ND(0.95)	ND(1.1)	NA
Pentachlorobenzene	NA	ND(0.47)	ND(0.55)	NA
Pentachloroethane	NA	ND(2.3)	ND(2.7)	NA
Pentachloronitrobenzene	NA	ND(2.3)	ND(2.7)	NA
Pentachlorophenol	NA	ND(2.3)	ND(2.7)	NA
Phenacetin	NA	ND(0.95)	ND(1.1)	NA
Phenanthrene	NA	0.24 J	ND(0.55)	NA
Phenol	NA	ND(0.47)	ND(0.55)	NA
Pronamide	NA	ND(0.95)	ND(1.1)	NA
Pyrene	NA	0.39 J	ND(0.55)	NA
Pyridine	NA	ND(0.95)	ND(1.1)	NA
Safrole	NA	ND(0.95)	ND(1.1)	NA
Thionazin	NA	ND(2.3)	ND(2.7)	NA

TABLE E-91
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-C18 / RAA15-C18 / 8-10 / 02/26/03	RAA15-C19 / RAA15-C19 / 0-1 / 02/27/03	RAA15-C20 / RAA15-C20 / 6-10 / 03/04/03	RAA15-C20 / RAA15-C20 / 8-10 / 03/04/03
Furans					
2,3,7,8-TCDF		NA	ND(0.0000066) X	ND(0.00000017)	NA
TCDFs (total)		NA	ND(0.000049) X	ND(0.00000017)	NA
1,2,3,7,8-PeCDF		NA	0.0000021 J	ND(0.000000093)	NA
2,3,4,7,8-PeCDF		NA	0.0000021 J	ND(0.000000088)	NA
PeCDFs (total)		NA	ND(0.000043) X	ND(0.000000091)	NA
1,2,3,4,7,8-HxCDF		NA	0.0000034 J	ND(0.000000068)	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.0000057) X	ND(0.000000063)	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000041)	ND(0.000000080)	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.00000064) X	ND(0.000000073)	NA
HxCDFs (total)		NA	ND(0.000038) X	0.000000094 J	NA
1,2,3,4,6,7,8-HpCDF		NA	0.000016 J	0.00000032 J	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000059)	ND(0.00000011)	NA
HpCDFs (total)		NA	0.000030 J	ND(0.00000059) X	NA
OCDF		NA	ND(0.000019)	ND(0.00000046) X	NA
Dioxins					
2,3,7,8-TCDD		NA	ND(0.0000012)	ND(0.00000023)	NA
TCDDs (total)		NA	ND(0.0000012)	ND(0.00000023)	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000078)	ND(0.00000010)	NA
PeCDDs (total)		NA	ND(0.00000078)	ND(0.00000010)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000064)	ND(0.00000012)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.00000060)	ND(0.00000011)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.00000062)	ND(0.00000012)	NA
HxCDDs (total)		NA	ND(0.0000024) X	ND(0.00000012)	NA
1,2,3,4,6,7,8-HpCDD		NA	0.000013 J	ND(0.00000036) X	NA
HpCDDs (total)		NA	0.000022 J	ND(0.00000064) X	NA
OCDD		NA	0.00012	0.0000031 J	NA
Total TEQs (WHO TEFs)		NA	0.0000036	0.00000024	NA
Inorganics					
Antimony		NA	ND(8.60) J	ND(10.0) J	NA
Arsenic		NA	5.50	1.50 B	NA
Barium		NA	75.4	29.3 B	NA
Beryllium		NA	0.860	ND(0.570)	NA
Cadmium		NA	ND(0.720)	ND(0.830)	NA
Chromium		NA	29.4	10.8	NA
Cobalt		NA	11.4	7.10 B	NA
Copper		NA	30.4	10.0 J	NA
Cyanide		NA	0.320 B	ND(0.830)	NA
Lead		NA	50.9	5.20	NA
Mercury		NA	0.190	0.0360 B	NA
Nickel		NA	20.0	14.0	NA
Selenium		NA	1.20	ND(0.830) J	NA
Silver		NA	ND(1.40)	ND(1.70)	NA
Sulfide		NA	ND(14.3)	ND(16.6)	NA
Thallium		NA	ND(1.40) J	ND(1.70) J	NA
Tin		NA	ND(14.3)	ND(6.10)	NA
Vanadium		NA	21.5	12.0	NA
Zinc		NA	111 J	58.2	NA

Notes:
1. Laboratory qualifiers are defined in Table C-2.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-92
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
RECREATIONAL AREA R3B

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
Methylene Chloride	0.0032	8.5	No
Toluene	0.0025	520	No
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.12	480	No
2-Methylnaphthalene	0.23	55*	No
Acenaphthene	0.27	2,600	No
Acenaphthylene	0.94	55*	No
Aniline	1.4	78	No
Anthracene	0.96	14,000	No
Benzo(a)anthracene	2.6	0.56	**Yes**
Benzo(a)pyrene	2.9	0.056	**Yes**
Benzo(b)fluoranthene	3	0.56	**Yes**
Benzo(g,h,i)perylene	1.1	55*	No
Benzo(k)fluoranthene	3.2	5.6	No
Chrysene	3.1	56	No
Dibenzo(a,h)anthracene	0.32	0.056	**Yes**
Dibenzofuran	0.2	210	No
Fluoranthene	6.6	2,000	No
Fluorene	0.38	1,800	No
Indeno(1,2,3-cd)pyrene	1.2	0.56	**Yes**
Naphthalene	0.38	55	No
Phenanthrene	3.5	55*	No
Phenol	0.33	33,000	No
Pyrene	4.7	1,500	No
Inorganics			
Antimony	0.58	30	No
Arsenic	5.5	0.38	**Yes**
Barium	75.4	5,200	No
Beryllium	0.86	150	No
Cadmium	1	37	No
Chromium	31.6	210	No
Cobalt	11.4	3,300	No
Copper	33.2	2,800	No
Cyanide	0.32	11*	No
Lead	181	400	No
Mercury	0.37	22	No
Nickel	20	1,500	No
Selenium	1.2	370	No
Sulfide	12	350*	No
Vanadium	21.5	520	No
Zinc	127	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-93
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3B (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-B18 0-1 02/25/03	RAA15-C19 0-1 02/27/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	2.6	0.22	N/A (See Note 5)	1.41	0.7	**Yes**
Benzo(a)pyrene	2.9	0.27	N/A (See Note 5)	1.59	0.7	**Yes**
Benzo(b)fluoranthene	3.0	0.27	N/A (See Note 5)	1.64	0.7	**Yes**
Dibenzo(a,h)anthracene	0.32	**0.24**	N/A (See Note 5)	0.28	0.7	No
Indeno(1,2,3-cd)pyrene	1.2	0.15	N/A (See Note 5)	0.68	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000027	0.0000036	2.70E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	4.50	5.50	N/A (See Note 5)	5.00	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-94
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3B (0- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Sample ID: Sample Depth (Feet): Parameter Date Collected:	RAA15-B18 0-1 02/25/03	RAA15-C19 0-1 02/27/03	RAA15-B19S 1-3 05/03/04	RAA15-C18 1-3 02/26/03
Semivolatile Organics				
Benzo(a)anthracene	2.6	0.22	**0.25**	0.20
Benzo(a)pyrene	2.9	0.27	**0.25**	0.27
Benzo(b)fluoranthene	3.0	0.27	**0.25**	0.27
Dibenzo(a,h)anthracene	0.32	**0.24**	**0.25**	**0.20**
Indeno(1,2,3-cd)pyrene	1.2	0.15	**0.25**	0.11
Dioxins/Furans				
Total TEQs (WHO TEFs)	0.000027	0.0000036	0.000011	0.000018
Inorganics				
Arsenic	4.50	5.50	4.40	5.30

Sample ID: Sample Depth (Feet): Parameter Date Collected:	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics				
Benzo(a)anthracene	N/A (See Note 5)	0.82	0.7	**Yes**
Benzo(a)pyrene	N/A (See Note 5)	0.92	0.7	**Yes**
Benzo(b)fluoranthene	N/A (See Note 5)	0.95	0.7	**Yes**
Dibenzo(a,h)anthracene	N/A (See Note 5)	0.25	0.7	No
Indeno(1,2,3-cd)pyrene	N/A (See Note 5)	0.43	0.7	No
Dioxins/Furans				
Total TEQs (WHO TEFs)	2.70E-05	N/A (See Note 5)	1.00E-03	No
Inorganics				
Arsenic	N/A (See Note 5)	4.93	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-95
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3B (1- TO 3-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-B19S 1-3 05/03/04	RAA15-C18 1-3 02/26/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	**0.25**	0.20	N/A (See Note 5)	0.23	0.7	No
Benzo(a)pyrene	**0.25**	0.27	N/A (See Note 5)	0.26	0.7	No
Benzo(b)fluoranthene	**0.25**	0.27	N/A (See Note 5)	0.26	0.7	No
Dibenzo(a,h)anthracene	**0.25**	**0.20**	N/A (See Note 5)	0.23	0.7	No
Indeno(1,2,3-cd)pyrene	**0.25**	0.11	N/A (See Note 5)	0.18	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.000011	0.000018	1.80E-05	N/A (See Note 5)	1.00E-03	No
Inorganics						
Arsenic	4.40	5.30	N/A (See Note 5)	4.85	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compoun Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compa to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during prev evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-96
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
RECREATIONAL AREA R3B (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-B18 0-1 02/25/03	RAA15-C19 0-1 02/27/03	RAA15-B19S 1-3 05/03/04	RAA15-C18 1-3 02/26/03	RAA15-C18 3-6 02/26/03	RAA15-C18 6-10 02/26/03
Semivolatile Organics						
Benzo(a)anthracene	2.6	0.22	**0.25**	0.20	0.20	**0.23**
Benzo(a)pyrene	2.9	0.27	**0.25**	0.27	0.25	**0.23**
Benzo(b)fluoranthene	3.0	0.27	**0.25**	0.27	0.27	**0.23**
Dibenzo(a,h)anthracene	0.32	**0.24**	**0.25**	**0.20**	**0.22**	**0.23**
Indeno(1,2,3-cd)pyrene	1.2	0.15	**0.25**	0.11	0.11	**0.23**
Dioxins/Furans						
Total TEQs (WHO TEFs)	See Note 6	See Note 6	See Note 6	See Note 6	0.0000052	0.0000011
Inorganics						
Arsenic	4.50	5.50	4.40	5.30	5.20	1.80

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-C20 6-10 03/04/03	RAA15-B19S 10-15 05/03/04	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-2 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics						
Benzo(a)anthracene	**0.28**	**0.26**	N/A (See Note 5)	0.53	0.7	No
Benzo(a)pyrene	**0.28**	0.14	N/A (See Note 5)	0.57	0.7	No
Benzo(b)fluoranthene	**0.28**	**0.26**	N/A (See Note 5)	0.60	0.7	No
Dibenzo(a,h)anthracene	**0.28**	**0.26**	N/A (See Note 5)	0.25	0.7	No
Indeno(1,2,3-cd)pyrene	**0.28**	**0.26**	N/A (See Note 5)	0.32	0.7	No
Dioxins/Furans						
Total TEQs (WHO TEFs)	0.00000024	0.00000035	5.20E-06	N/A (See Note 5)	2.00E-02	No
Inorganics						
Arsenic	1.50	0.720	N/A (See Note 5)	3.62	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-2 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).
6. Total TEQs (WHO TEFs) were evatuated for the 3- to 15-foot depth increment only.

TABLE E-97
EXISTING CONDITIONS - COMPARISON TO MCP UPPER CONCENTRATION LIMITS (UCLs)
RECREATIONAL AREA R3B (0- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	Arithmetic Average Concentration (See Note 2)	MCP UCL for Soil	Average Exceeds UCL?
Semivolatile Organics			
Benzo(a)anthracene	0.53	100	No
Benzo(a)pyrene	0.57	100	No
Benzo(b)fluoranthene	0.60	100	No
Dibenzo(a,h)anthracene	0.25	100	No
Indeno(1,2,3-cd)pyrene	0.32	100	No
Inorganics			
Arsenic	3.62	300	No

Notes:
1. Constituents subject to evaluation have a maximum sample result that exceeds their respective screening PRGs.
2. Non-detect sample results included as 1/2 the detection limit in the calculation of arithmetic average concentrations.

Parcels K10-10-5 and K10-10-6

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TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-1	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample ID:	ROO1B1416	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample Depth(Feet):	14-16	0-1	1-3	1-3	3-5
Parameter / Date Collected:	01/31/91	02/12/03	02/12/03	02/20/03	02/20/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,1,1-trichloro-2,2,2-trifluoroethane	ND(0.012)	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,1,2,2-Tetrachloroethane	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,1,2-trichloro-1,2,2-trifluoroethane	ND(0.012)	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,1-Dichloroethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,1-Dichloroethene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,2,3-Trichloropropane	ND(0.018)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,2-Dibromo-3-chloropropane	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,2-Dibromoethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,2-Dichloroethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,2-Dichloroethene (total)	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
1,4-Dioxane	NA	ND(1.3) J	ND(1.1) J	ND(1.0) J	NA
2-Butanone	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
2-Chloro-1,3-butadiene	NA	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
2-Chloroethylvinylether	ND(0.012)	ND(0.013) J	ND(0.011) J	ND(0.010) J	NA
2-Hexanone	ND(0.018)	ND(0.026)	ND(0.022)	ND(0.020)	NA
3-Chloropropene	ND(0.018)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
4-Methyl-2-pentanone	ND(0.018)	ND(0.026)	ND(0.022)	ND(0.020)	NA
Acetone	0.022 B	ND(0.026) J	ND(0.022) J	ND(0.020)	NA
Acetonitrile	NA	ND(0.13) J	ND(0.11) J	ND(0.10) J	NA
Acrolein	ND(0.11)	ND(0.13) J	ND(0.11) J	ND(0.10) J	NA
Acrylonitrile	ND(0.14)	ND(0.13)	ND(0.11)	ND(0.10)	NA
Benzene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Bromodichloromethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Bromoform	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Bromomethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Carbon Disulfide	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Carbon Tetrachloride	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Chlorobenzene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Chloroethane	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.010)	NA
Chloroform	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Chloromethane	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
cis-1,3-Dichloropropene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
cis-1,4-Dichloro-2-butene	ND(0.018)	NA	NA	NA	NA
Crotonaldehyde	ND(0.12)	NA	NA	NA	NA
Dibromochloromethane	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Dibromomethane	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Dichlorodifluoromethane	NA	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Ethyl Methacrylate	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Ethylbenzene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Iodomethane	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Isobutanol	NA	ND(0.26) J	ND(0.22) J	ND(0.20)	NA
Methacrylonitrile	NA	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Methyl Methacrylate	NA	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Methylene Chloride	0.033 B	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Propionitrile	NA	ND(0.013) J	ND(0.011) J	ND(0.010) J	NA
Styrene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Tetrachloroethene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Toluene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
trans-1,2-Dichloroethene	NA	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
trans-1,3-Dichloropropene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
trans-1,4-Dichloro-2-butene	ND(0.018)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Trichloroethene	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Trichlorofluoromethane	ND(0.0060)	ND(0.0064) J	ND(0.0055) J	ND(0.0051)	NA
Vinyl Acetate	ND(0.012)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA
Vinyl Chloride	ND(0.012)	ND(0.013)	ND(0.011)	ND(0.010)	NA
Xylenes (total)	ND(0.0060)	ND(0.0064)	ND(0.0055)	ND(0.0051)	NA

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-1	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample ID:	ROO1B1416	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample Depth(Feet):	14-16	0-1	1-3	1-3	3-5
Parameter / Date Collected:	01/31/91	02/12/03	02/12/03	02/20/03	02/20/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	ND(0.39)	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	ND(0.39)	NA	NA	NA	NA
1,2,3-Trichlorobenzene	ND(0.39)	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,2-Dichlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,2-Diphenylhydrazine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,3,5-Trichlorobenzene	ND(0.39)	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.78)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
1,3-Dichlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,3-Dinitrobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,4-Dichlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
1,4-Dinitrobenzene	ND(0.78)	NA	NA	NA	NA
1,4-Naphthoquinone	ND(0.78)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
1-Chloronaphthalene	ND(0.39)	NA	NA	NA	NA
1-Methylnaphthalene	ND(0.39)	NA	NA	NA	NA
1-Naphthylamine	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,3,4,6-Tetrachlorophenol	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,4,6-Trichlorophenol	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,4-Dichlorophenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,4-Dimethylphenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,4-Dinitrophenol	ND(1.5)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
2,4-Dinitrotoluene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,6-Dichlorophenol	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2,6-Dinitrotoluene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Acetylaminofluorene	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
2-Chloronaphthalene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Chlorophenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Methylnaphthalene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Methylphenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Naphthylamine	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Nitroaniline	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
2-Nitrophenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
2-Phenylenediamine	ND(0.39)	NA	NA	NA	NA
2-Picoline	ND(0.78)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
3&4-Methylphenol	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
3,3'-Dichlorobenzidine	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
3,3'-Dimethoxybenzidine	ND(0.39)	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
3-Methylcholanthrene	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
3-Nitroaniline	ND(0.78)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
3-Phenylenediamine	ND(0.39)	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	ND(0.39)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(1.2)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
4-Aminobiphenyl	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
4-Bromophenyl-phenylether	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
4-Chloroaniline	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
4-Chlorobenzilate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
4-Nitroaniline	ND(0.78)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
4-Nitrophenol	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
4-Nitroquinoline-1-oxide	NA	ND(4.1)	ND(3.8)	ND(3.7)	ND(3.9)
4-Phenylenediamine	ND(0.39)	ND(8.2)	ND(7.6)	ND(7.3)	ND(7.8)
5-Nitro-o-toluidine	ND(0.78)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
7,12-Dimethylbenz(a)anthracene	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
a,a'-Dimethylphenethylamine	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Acenaphthene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-1	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample ID:	ROO1B1416	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample Depth(Feet):	14-16	0-1	1-3	1-3	3-5
Parameter / Date Collected:	01/31/91	02/12/03	02/12/03	02/20/03	02/20/03
Semivolatile Organics (continued)					
Acetophenone	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Aniline	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Anthracene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Aramite	NA	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Benzal chloride	ND(0.39)	NA	NA	NA	NA
Benzidine	ND(0.39)	ND(4.1)	ND(3.8)	ND(3.7)	ND(3.9)
Benzo(a)anthracene	ND(0.39)	0.16 J	ND(0.38)	ND(0.37)	ND(0.39)
Benzo(a)pyrene	ND(0.39)	0.19 J	ND(0.38)	ND(0.37)	ND(0.39)
Benzo(b)fluoranthene	ND(0.39)	0.17 J	ND(0.38)	ND(0.37)	ND(0.39)
Benzo(g,h,i)perylene	ND(0.39)	0.10 J	ND(0.38)	ND(0.37)	ND(0.39)
Benzo(k)fluoranthene	ND(0.39)	0.18 J	ND(0.38)	ND(0.37)	ND(0.39)
Benzoic Acid	ND(3.9)	NA	NA	NA	NA
Benzotrichloride	ND(0.78)	NA	NA	NA	NA
Benzyl Alcohol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Benzyl Chloride	ND(0.39)	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.78)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Butylbenzylphthalate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Chrysene	ND(0.39)	0.23 J	ND(0.38)	ND(0.37)	ND(0.39)
Cyclophosphamide	ND(1.9)	NA	NA	NA	NA
Diallate	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Dibenz(a,j)acridine	ND(0.39)	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Dibenzofuran	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Diethylphthalate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Dimethylphthalate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Di-n-Butylphthalate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Di-n-Octylphthalate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Diphenylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Ethyl Methacrylate	ND(0.39)	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Fluoranthene	ND(0.39)	0.34 J	ND(0.38)	ND(0.37)	ND(0.39)
Fluorene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Hexachlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Hexachlorobutadiene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Hexachlorocyclopentadiene	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Hexachloroethane	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Hexachlorophene	NA	ND(8.3)	ND(7.7)	ND(7.4) J	ND(7.9) J
Hexachloropropene	ND(0.39)	ND(4.1)	ND(3.8)	ND(3.7)	ND(3.9)
Indeno(1,2,3-cd)pyrene	ND(0.39)	0.12 J	ND(0.38)	ND(0.37)	ND(0.39)
Isodrin	NA	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Isophorone	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Isosafrole	ND(0.78)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Methapyrilene	ND(0.78)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Methyl Methanesulfonate	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Naphthalene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Nitrobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosodiethylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosodimethylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosomorpholine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosopiperidine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
o,o,o-Triethylphosphorothioate	NA	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	K-1	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample ID:	ROO1B1416	RAA15-H11	RAA15-H13	RAA15-J9	RAA15-J9
Sample Depth(Feet):	14-16	0-1	1-3	1-3	3-5
Parameter / Date Collected:	01/31/91	02/12/03	02/12/03	02/20/03	02/20/03
Semivolatile Organics (continued)					
Paraldehyde	ND(0.39)	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Pentachlorobenzene	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Pentachloroethane	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Pentachloronitrobenzene	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Pentachlorophenol	ND(0.78)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Phenacetin	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Phenanthrene	ND(0.39)	0.18 J	ND(0.38)	ND(0.37)	ND(0.39)
Phenol	ND(0.39)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.39)
Pronamide	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Pyrene	ND(0.39)	0.30 J	ND(0.38)	ND(0.37)	ND(0.39)
Pyridine	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Safrole	ND(0.39)	ND(0.82)	ND(0.76)	ND(0.73)	ND(0.78)
Thionazin	ND(0.39)	ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)
Organophosphate Pesticides					
Dimethoate	ND(0.39)	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.00024)	0.000032 Y	0.0000011 QYJ	ND(0.00000027)	ND(0.00000025)
TCDFs (total)	ND(0.000040)	0.00020	0.0000033	ND(0.00000027)	ND(0.00000026) X
1,2,3,7,8-PeCDF	NA	0.0000094	ND(0.0000011) J	ND(0.00000015)	ND(0.00000012)
2,3,4,7,8-PeCDF	NA	0.0000095	ND(0.0000011)	ND(0.00000015)	ND(0.00000012)
PeCDFs (total)	ND(0.000049)	0.00016	ND(0.0000011) J	ND(0.00000015)	ND(0.00000012)
1,2,3,4,7,8-HxCDF	NA	0.0000090	ND(0.0000011)	ND(0.000000088)	ND(0.000000078)
1,2,3,6,7,8-HxCDF	NA	0.0000064	ND(0.0000010)	ND(0.000000081)	ND(0.000000072)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000014)	ND(0.0000013)	ND(0.00000010)	ND(0.000000092)
2,3,4,6,7,8-HxCDF	NA	0.0000045 J	ND(0.0000012)	ND(0.000000093)	ND(0.000000083)
HxCDFs (total)	ND(0.000077)	0.00011	ND(0.0000013)	ND(0.000000091)	ND(0.000000080)
1,2,3,4,6,7,8-HpCDF	NA	0.000049	ND(0.0000010) X	ND(0.00000036) X	ND(0.00000012)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000024) X	ND(0.0000010)	ND(0.00000017)	ND(0.00000015)
HpCDFs (total)	ND(0.00011)	0.000095	ND(0.0000010)	ND(0.00000064) X	ND(0.00000013)
OCDF	ND(0.00018)	0.000053	ND(0.0000021)	ND(0.00000035) X	ND(0.00000027)
Dioxins					
2,3,7,8-TCDD	ND(0.000048)	ND(0.00000037)	ND(0.00000082)	ND(0.00000038)	ND(0.00000034)
TCDDs (total)	ND(0.000048)	0.0000026	ND(0.00000082)	ND(0.00000038)	ND(0.00000034)
1,2,3,7,8-PeCDD	NA	ND(0.00000078)	ND(0.0000014) J	ND(0.00000016)	ND(0.00000014)
PeCDDs (total)	ND(0.000072)	ND(0.0000025)	ND(0.0000014) J	ND(0.00000016)	ND(0.00000066) X
1,2,3,4,7,8-HxCDD	NA	ND(0.00000065) X	ND(0.0000014)	ND(0.00000017)	ND(0.00000016)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000023) X	ND(0.0000013)	ND(0.00000016)	ND(0.00000015)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000011) X	ND(0.0000012)	ND(0.00000017)	ND(0.00000016)
HxCDDs (total)	ND(0.00011)	0.000011	ND(0.0000014)	ND(0.00000017)	ND(0.00000031) X
1,2,3,4,6,7,8-HpCDD	NA	0.000043	ND(0.0000013)	0.00000036 J	ND(0.00000017)
HpCDDs (total)	ND(0.00012)	0.000076	ND(0.0000013)	0.00000036 J	ND(0.00000017)
OCDD	ND(0.00024)	0.00044	0.000014	0.0000033 J	0.0000017 J
Total TEQs (WHO TEFs)	0.000036	0.000012	0.0000020	0.00000037	0.00000033

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	K-1 / ROO1B1416 / 14-16 / 01/31/91	RAA15-H11 / RAA15-H11 / 0-1 / 02/12/03	RAA15-H13 / RAA15-H13 / 1-3 / 02/12/03	RAA15-J9 / RAA15-J9 / 1-3 / 02/20/03	RAA15-J9 / RAA15-J9 / 3-5 / 02/20/03
Inorganics						
Aluminum		4200	NA	NA	NA	NA
Antimony		ND(1.20)	ND(7.40) J	ND(6.90) J	ND(6.60)	ND(7.10)
Arsenic		2.00	4.40	2.20	2.80	4.40
Barium		ND(24.0)	57.8	21.5 B	29.3	32.9
Beryllium		ND(0.590)	0.740	0.360 B	0.190 B	0.180 B
Cadmium		ND(0.590)	0.650	0.250 B	0.190 B	0.340 B
Calcium		17000	NA	NA	NA	NA
Chromium		3.20	27.2	7.20	9.30	10.8
Cobalt		ND(5.90)	9.30	3.30 B	6.40	10.0
Copper		11.0	26.6	5.10	7.50	19.6
Cyanide		ND(0.590)	0.280 B	0.230 B	ND(0.550)	ND(0.590)
Iron		12000	NA	NA	NA	NA
Lead		ND(12.0)	52.0	5.90	4.80	8.30
Magnesium		9800	NA	NA	NA	NA
Manganese		300	NA	NA	NA	NA
Mercury		ND(0.120)	0.230	ND(0.0690)	0.0370 B	ND(0.0390)
Nickel		9.30	16.7	6.80	11.2	18.4
Potassium		ND(590)	NA	NA	NA	NA
Selenium		ND(0.590)	ND(0.620)	0.350 B	ND(0.550)	ND(0.590)
Silver		ND(590)	ND(1.20)	ND(1.20)	ND(1.10)	ND(1.20)
Sodium		ND(590)	NA	NA	NA	NA
Sulfide		NA	ND(12.4)	ND(11.5)	ND(11.1)	ND(11.8)
Thallium		ND(1.20)	1.10 B	0.680 B	ND(1.10)	ND(1.20)
Tin		NA	ND(8.10)	ND(4.80)	ND(4.60)	ND(4.70)
Vanadium		5.90	15.3	9.60	10.1	13.2
Zinc		38.0	92.2	26.7	44.9	61.7

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	4-5	3-5	0-1	0-1	1-3
Parameter / Date Collected:	02/20/03	02/11/03	02/12/03	02/12/03	02/10/03
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1,1-trichloro-2,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1,2,2-Tetrachloroethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1,2-trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1-Dichloroethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,1-Dichloroethene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2,3-Trichloropropane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dibromo-3-chloropropane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dibromoethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dichloroethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,2-Dichloroethene (total)	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
1,4-Dioxane	ND(0.93) J	ND(1.0) J	ND(1.3) J	ND(1.2) J	ND(1.1) J
2-Butanone	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
2-Chloro-1,3-butadiene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
2-Chloroethylvinylether	ND(0.0093) J	ND(0.010) J	ND(0.013) J	ND(0.012) J	ND(0.011) J
2-Hexanone	ND(0.019)	ND(0.020)	ND(0.026)	ND(0.024)	ND(0.021)
3-Chloropropene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
4-Methyl-2-pentanone	ND(0.019)	ND(0.020)	ND(0.026)	ND(0.024)	ND(0.021)
Acetone	ND(0.019)	ND(0.020) J	0.0097 J	ND(0.024) J	ND(0.021) J
Acetonitrile	ND(0.093) J	ND(0.10) J	ND(0.13) J	ND(0.12) J	ND(0.11) J
Acrolein	ND(0.093) J	ND(0.10) J	ND(0.13) J	ND(0.12) J	ND(0.11) J
Acrylonitrile	ND(0.093)	ND(0.10)	ND(0.13)	ND(0.12)	ND(0.11)
Benzene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Bromodichloromethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Bromoform	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Bromomethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Carbon Disulfide	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Carbon Tetrachloride	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Chlorobenzene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Chloroethane	ND(0.0093)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.011)
Chloroform	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Chloromethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
cis-1,3-Dichloropropene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
cis-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA
Crotonaldehyde	NA	NA	NA	NA	NA
Dibromochloromethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Dibromomethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Dichlorodifluoromethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Ethyl Methacrylate	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Ethylbenzene	ND(0.0047)	0.00050 J	ND(0.0064)	ND(0.0059)	ND(0.0053)
Iodomethane	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Isobutanol	ND(0.19)	ND(0.20) J	ND(0.26) J	ND(0.24) J	ND(0.21) J
Methacrylonitrile	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Methyl Methacrylate	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Methylene Chloride	ND(0.0047)	0.0011 J	ND(0.0064)	ND(0.0059)	0.00096 J
Propionitrile	ND(0.0093) J	ND(0.010) J	ND(0.013) J	ND(0.012) J	ND(0.011) J
Styrene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Tetrachloroethene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Toluene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
trans-1,2-Dichloroethene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
trans-1,3-Dichloropropene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Trichloroethene	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Trichlorofluoromethane	ND(0.0047)	ND(0.0050) J	ND(0.0064) J	ND(0.0059) J	ND(0.0053) J
Vinyl Acetate	ND(0.0047)	ND(0.0050)	ND(0.0064)	ND(0.0059)	ND(0.0053)
Vinyl Chloride	ND(0.0093)	ND(0.010)	ND(0.013)	ND(0.012)	ND(0.011)
Xylenes (total)	ND(0.0047)	0.0034 J	ND(0.0064)	0.0014 J	ND(0.0053)

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	4-5	3-5	0-1	0-1	1-3
Parameter / Date Collected:	02/20/03	02/11/03	02/12/03	02/12/03	02/10/03
Semivolatile Organics					
1,2,3,4-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,2,4-Trichlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,2-Dichlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,2-Diphenylhydrazine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,3,5-Trichlorobenzene	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
1,3-Dichlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,3-Dinitrobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,4-Dichlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
1,4-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
1-Chloronaphthalene	NA	NA	NA	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA
1-Naphthylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,3,4,6-Tetrachlorophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,4,5-Trichlorophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,4,6-Trichlorophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,4-Dichlorophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,4-Dimethylphenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,4-Dinitrophenol	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
2,4-Dinitrotoluene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,6-Dichlorophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2,6-Dinitrotoluene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Acetylaminofluorene	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
2-Chloronaphthalene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Chlorophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Methylnaphthalene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Methylphenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Naphthylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Nitroaniline	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
2-Nitrophenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
2-Phenylenediamine	NA	NA	NA	NA	NA
2-Picoline	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
3&4-Methylphenol	NA	0.098 J	ND(0.83)	ND(1.7)	ND(0.80)
3,3'-Dichlorobenzidine	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
3,3'-Dimethoxybenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
3-Methylcholanthrene	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
3-Nitroaniline	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
3-Phenylenediamine	NA	NA	NA	NA	NA
4,4'-Methylene-bis(2-chloroaniline)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
4-Aminobiphenyl	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
4-Bromophenyl-phenylether	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
4-Chloro-3-Methylphenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
4-Chloroaniline	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
4-Chlorobenzilate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
4-Chlorophenyl-phenylether	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
4-Nitroaniline	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
4-Nitrophenol	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
4-Nitroquinoline-1-oxide	NA	ND(3.8)	ND(4.2)	ND(8.3)	ND(4.0)
4-Phenylenediamine	NA	ND(7.6)	ND(8.3)	ND(17)	ND(8.0)
5-Nitro-o-toluidine	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
a,a'-Dimethylphenethylamine	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Acenaphthene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	4-5	3-5	0-1	0-1	1-3
Parameter / Date Collected:	02/20/03	02/11/03	02/12/03	02/12/03	02/10/03
Semivolatile Organics (continued)					
Acetophenone	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Aniline	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Anthracene	NA	0.051 J	0.12 J	ND(0.83)	ND(0.40)
Aramite	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Benzal chloride	NA	NA	NA	NA	NA
Benzidine	NA	ND(3.8)	ND(4.2)	ND(8.3)	ND(4.0)
Benzo(a)anthracene	NA	0.19 J	0.52	0.21 J	0.11 J
Benzo(a)pyrene	NA	0.22 J	0.63	0.22 J	0.13 J
Benzo(b)fluoranthene	NA	0.18 J	0.64	0.19 J	0.11 J
Benzo(g,h,i)perylene	NA	0.16 J	0.24 J	ND(0.83)	0.11 J
Benzo(k)fluoranthene	NA	0.21 J	0.57	0.23 J	0.14 J
Benzoic Acid	NA	NA	NA	NA	NA
Benzotrichloride	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Benzyl Chloride	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Chloroethyl)ether	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Chloroisopropyl)ether	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Butylbenzylphthalate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Chrysene	NA	0.23 J	0.76	0.27 J	0.17 J
Cyclophosphamide	NA	NA	NA	NA	NA
Diallate	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Dibenz(a,j)acridine	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.38)	0.10 J	ND(0.83)	ND(0.40)
Dibenzofuran	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Diethylphthalate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Dimethylphthalate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Di-n-Butylphthalate	NA	0.13 J	ND(0.42)	ND(0.83)	ND(0.40)
Di-n-Octylphthalate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Diphenylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Ethyl Methacrylate	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Fluoranthene	NA	0.36 J	1.3	0.37 J	0.23 J
Fluorene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorobutadiene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorocyclopentadiene	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Hexachloroethane	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Hexachlorophene	NA	ND(7.8)	ND(8.4)	ND(17)	ND(8.1)
Hexachloropropene	NA	ND(3.8)	ND(4.2)	ND(8.3)	ND(4.0)
Indeno(1,2,3-cd)pyrene	NA	0.17 J	0.29 J	ND(0.83)	0.11 J
Isodrin	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Isophorone	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Isosafrole	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Methapyrilene	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Methyl Methanesulfonate	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Naphthalene	NA	0.028 J	0.028 J	ND(0.83)	ND(0.40)
Nitrobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosodiethylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosodimethylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitroso-di-n-butylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitroso-di-n-propylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosodiphenylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosomethylethylamine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosomorpholine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosopiperidine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
N-Nitrosopyrrolidine	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
o,o,o-Triethylphosphorothioate	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample ID:	RAA15-J9	RAA15-L13	RAA15-L16	RAA15-M11	RAA15-P13
Sample Depth(Feet):	4-5	3-5	0-1	0-1	1-3
Parameter / Date Collected:	02/20/03	02/11/03	02/12/03	02/12/03	02/10/03
Semivolatile Organics (continued)					
Paraldehyde	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Pentachlorobenzene	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Pentachloroethane	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Pentachloronitrobenzene	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Pentachlorophenol	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Phenacetin	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Phenanthrene	NA	0.19 J	0.58	0.18 J	0.13 J
Phenol	NA	ND(0.38)	ND(0.42)	ND(0.83)	ND(0.40)
Pronamide	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Pyrene	NA	0.33 J	0.97	0.36 J	0.24 J
Pyridine	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Safrole	NA	ND(0.76)	ND(0.83)	ND(1.7)	ND(0.80)
Thionazin	NA	ND(1.9)	ND(2.0)	ND(4.0)	ND(1.9)
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.0000053 Y	0.0000089 Y	0.0000043 Y	0.0000059 Y
TCDFs (total)	NA	0.000030	0.000056	0.000029	0.000045
1,2,3,7,8-PeCDF	NA	0.0000033 J	ND(0.0000028) X	ND(0.00000086)	ND(0.0000022) X
2,3,4,7,8-PeCDF	NA	0.0000029 J	0.0000040 J	ND(0.0000018)	0.0000033 J
PeCDFs (total)	NA	0.000014	0.000048	0.0000064	0.000026
1,2,3,4,7,8-HxCDF	NA	0.0000038 J	0.0000036 J	ND(0.0000020) X	0.0000031 J
1,2,3,6,7,8-HxCDF	NA	0.0000030 J	ND(0.0000026) X	ND(0.00000066) X	ND(0.0000018) X
1,2,3,7,8,9-HxCDF	NA	ND(0.00000065)	ND(0.0000011)	ND(0.00000074)	ND(0.00000081)
2,3,4,6,7,8-HxCDF	NA	ND(0.0000014) X	0.0000032 J	ND(0.00000087) X	0.0000033 J
HxCDFs (total)	NA	0.000015	0.000058	ND(0.0000036)	0.000025
1,2,3,4,6,7,8-HpCDF	NA	0.0000076	0.000080	ND(0.0000028) X	0.000015
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000017) X	ND(0.0000021) X	ND(0.00000058) X	ND(0.0000011)
HpCDFs (total)	NA	0.0000076	0.00014	ND(0.0000028)	0.000022
OCDF	NA	ND(0.0000050)	0.000046	ND(0.0000017)	0.000011 J
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000045)	ND(0.00000053)	ND(0.00000053)	ND(0.00000042)
TCDDs (total)	NA	ND(0.00000045)	0.0000014	ND(0.00000053)	ND(0.00000042)
1,2,3,7,8-PeCDD	NA	ND(0.00000061)	ND(0.00000084)	ND(0.00000079)	ND(0.00000067)
PeCDDs (total)	NA	ND(0.00000061)	ND(0.0000017)	ND(0.00000079)	ND(0.00000067)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000054)	ND(0.00000071)	ND(0.00000081)	ND(0.00000056)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000049)	ND(0.0000024) X	ND(0.00000072)	ND(0.00000053)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000046)	ND(0.0000012) X	ND(0.00000068)	ND(0.00000047)
HxCDDs (total)	NA	ND(0.0000010)	0.000016	ND(0.00000081)	ND(0.0000016)
1,2,3,4,6,7,8-HpCDD	NA	0.0000049 J	0.000021	ND(0.0000018)	0.000010
HpCDDs (total)	NA	0.0000098	0.000038	ND(0.0000018)	0.000020
OCDD	NA	0.000050	0.00011	0.000010 J	0.00014
Total TEQs (WHO TEFs)	NA	0.0000037	0.0000058	0.0000019	0.0000040

TABLE E-98
SUMMARY OF APPENDIX IX+3 SOIL SAMPLE DATA
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR THE FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA15-J9 / RAA15-J9 / 4-5 / 02/20/03	RAA15-L13 / RAA15-L13 / 3-5 / 02/11/03	RAA15-L16 / RAA15-L16 / 0-1 / 02/12/03	RAA15-M11 / RAA15-M11 / 0-1 / 02/12/03	RAA15-P13 / RAA15-P13 / 1-3 / 02/10/03
Inorganics						
Aluminum		NA	NA	NA	NA	NA
Antimony		NA	ND(6.90) J	ND(7.60) J	ND(7.60) J	ND(7.30) J
Arsenic		NA	3.90	6.30	4.80	6.80
Barium		NA	47.5	59.0	57.0	61.3
Beryllium		NA	0.490 B	0.600 B	0.780	0.650
Cadmium		NA	0.570 B	0.740	0.550 B	0.530 B
Calcium		NA	NA	NA	NA	NA
Chromium		NA	11.6	11.8	12.9	13.2
Cobalt		NA	8.30	9.50	8.80	8.50
Copper		NA	21.4	23.5	32.3	17.2
Cyanide		NA	0.230 B	0.300 B	0.250 B	0.260 B
Iron		NA	NA	NA	NA	NA
Lead		NA	262	45.3	45.1	43.9
Magnesium		NA	NA	NA	NA	NA
Manganese		NA	NA	NA	NA	NA
Mercury		NA	0.170	0.150	ND(0.0940)	ND(0.110)
Nickel		NA	15.7	19.1	14.7	15.6
Potassium		NA	NA	NA	NA	NA
Selenium		NA	ND(0.580)	ND(0.630)	0.490 B	0.480 B
Silver		NA	ND(1.20)	ND(1.30)	ND(1.30)	ND(1.20)
Sodium		NA	NA	NA	NA	NA
Sulfide		NA	ND(11.6)	ND(12.6)	ND(12.6)	ND(12.1)
Thallium		NA	0.950 B	1.00 B	1.20 B	1.50
Tin		NA	34.7	ND(6.70)	ND(6.40)	ND(6.90)
Vanadium		NA	11.5	14.9	17.0	18.0
Zinc		NA	88.6	95.4	79.9	81.1

Notes:
1. Laboratory qualifiers are defined in Tables C-2 and C-6.
2. NA = Constituent was not analyzed.
3. ND = Constituent was not detected.

TABLE E-99
COMPARISON OF DETECTED APPENDIX IX+3 CONSTITUENTS TO RESIDENTIAL SCREENING PRGs
PARCELS K10-10-5 AND K10-10-6

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Analytical Parameter	Maximum Detect	USEPA Region 9 Residential PRGs (See Note 3)	Constituent Retained for Further Evaluation? (See Note 4)
Volatile Organics			
Acetone	0.022	1,400	No
Ethylbenzene	0.0005	230	No
Methylene Chloride	0.033	9	No
Xylenes (total)	0.0034	210*	No
Semivolatile Organics			
3&4-Methylphenol	0.098	270*	No
Acenaphthylene	0.2	55*	No
Anthracene	0.12	14,000	No
Benzo(a)anthracene	0.52	0.56	No
Benzo(a)pyrene	0.63	0.056	**Yes**
Benzo(b)fluoranthene	0.64	0.56	**Yes**
Benzo(g,h,i)perylene	0.24	55*	No
Benzo(k)fluoranthene	0.57	5.6	No
Chrysene	0.76	56	No
Dibenzo(a,h)anthracene	0.1	0.056	**Yes**
Di-n-Butylphthalate	0.13	5,500	No
Fluoranthene	1.3	2,000	No
Indeno(1,2,3-cd)pyrene	0.29	0.56	No
Naphthalene	0.028	55	No
Phenanthrene	0.58	55*	No
Pyrene	0.97	1,500	No
Inorganics			
Aluminum	4,200	75,000	No
Arsenic	6.8	0.38	**Yes**
Barium	61.3	5,200	No
Beryllium	0.78	150	No
Cadmium	0.74	37	No
Chromium	27.2	210	No
Cobalt	10	3,300	No
Copper	32.3	2,800	No
Cyanide	0.3	11*	No
Iron	12,000	22,000	No
Lead	262	400	No
Manganese	300	3,100	No
Mercury	0.23	22	No
Nickel	19.1	1,500	No
Selenium	0.49	370	No
Thallium	1.5	6	No
Tin	34.7	45,000	No
Vanadium	18	520	No
Zinc	95.4	22,000	No

Notes:
1. PRG = Preliminary Remediation Goal.
2. Per Attachment F to *Statement of Work for Removal Actions Outside the River* (SOW), comparison to PRGs is required for all detected Appendix IX+3 constituents except PCBs, dioxins and furans.
3. The PRGs listed in this column consist of EPA Region 9 Residential soil PRGs for the constituents listed (as set forth in Exhibit F-1 to Attachment F to the SOW) or, for certain constituents, surrogate PRGs as identified in Section 3.3.3 of this Work Plan.
4. Constituent is retained for further evaluation if its maximum detected concentration exceeds its corresponding PRG.
5. * = Indicates a surrogate PRG as identified in Section 3.3.3 of this Work Plan.

TABLE E-100
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS K10-10-5 AND K10-10-6 (0- TO 1-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-H11 0-1 02/12/03	RAA15-L16 0-1 02/12/03	RAA15-M11 0-1 02/12/03	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics							
Benzo(a)pyrene	0.19	0.63	0.22	N/A (See Note 5)	0.35	0.70	No
Benzo(b)fluoranthene	0.17	0.64	0.19	N/A (See Note 5)	0.33	0.70	No
Dibenzo(a,h)anthracene	**0.21**	0.10	**0.42**	N/A (See Note 5)	0.24	0.7	No
Dioxins/Furans							
Total TEQs (WHO TEFs)	0.000012	0.0000058	0.0000019	1.20E-05	N/A (See Note 5)	1.00E-03	No
Inorganics							
Arsenic	4.40	6.30	4.80	N/A (See Note 5)	5.17	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

TABLE E-101
EXISTING CONDITIONS - COMPARISON TO METHOD 1 SOIL STANDARDS
PARCELS K10-10-5 AND K10-10-6 (1- TO 15-FOOT DEPTH INCREMENT)

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS
(Results in ppm, dry weight)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA15-H13 / 1-3 / 02/12/03	RAA15-J9 / 1-3 / 02/20/03	RAA15-P13 / 1-3 / 02/10/03	RAA15-J9 / 3-5 / 02/20/03	RAA15-L13 / 3-5 / 02/11/03
Semivolatile Organics					
Benzo(a)pyrene	**0.19**	**0.19**	0.13	**0.20**	0.22
Benzo(b)fluoranthene	**0.19**	**0.19**	0.11	**0.20**	0.18
Dibenzo(a,h)anthracene	**0.19**	**0.19**	**0.20**	**0.20**	**0.19**
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.0000020	0.00000037	0.0000040	0.00000033	0.0000037
Inorganics					
Arsenic	2.20	2.80	6.80	4.40	3.90

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	K-1 / 14-16 / 01/31/91	Maximum Sample Result	Arithmetic Average Concentration (See Note 3)	MCP Method 1 S-1 GW-2/GW-3 Soil Standard (See Note 4)	Constituent Exceeds Initial Comparison Criteria? (See Note 5)
Semivolatile Organics					
Benzo(a)pyrene	**0.20**	N/A (See Note 5)	0.19	0.70	No
Benzo(b)fluoranthene	**0.20**	N/A (See Note 5)	0.18	0.70	No
Dibenzo(a,h)anthracene	**0.20**	N/A (See Note 5)	0.20	0.7	No
Dioxins/Furans					
Total TEQs (WHO TEFs)	0.000036	3.60E-05	N/A (See Note 5)	1.00E-03	No
Inorganics					
Arsenic	2.00	N/A (See Note 5)	3.68	30	No

Notes:
1. Total 2,3,7,8-TCDD toxicity equivalency quotients (TEQs) were calculated using World Health Organization (WHO) Toxicity Equivalency Factors (TEFs) for all PCDD/PCDF compounds. Where individual compounds were not detected, a value of one-half the analytical detection limit was used to calculate the TEQ concentrations.
2. With the exception of Total TEQs, constituents evaluated above have a maximum sample result that exceeds their respective EPA Region 9 Residential PRGs or surrogate PRGs.
3. Non-detect sample results included as one-half the detection limit in the calculation of arithmetic average concentrations and presented in bold.
4. The Method 1 S-1 soil standards listed are those associated with GW-2/GW-3 groundwater (whichever is more stringent), except for Dioxin/Furan Total TEQs. Total TEQs are compared to the EPA PRGs for such TEQs set out in Attachment F of the *Statement of Work for Removal Actions Outside the River* (SOW) or other TEQ comparison criteria utilized during previous evaluations.
5. Arithmetic average concentrations of all constituents, except Total TEQs, are compared to Method 1 Soil Standards. For TEQs, the maximum concentration is compared to the appropriate EPA PRG (or other comparison criterion).

Figures

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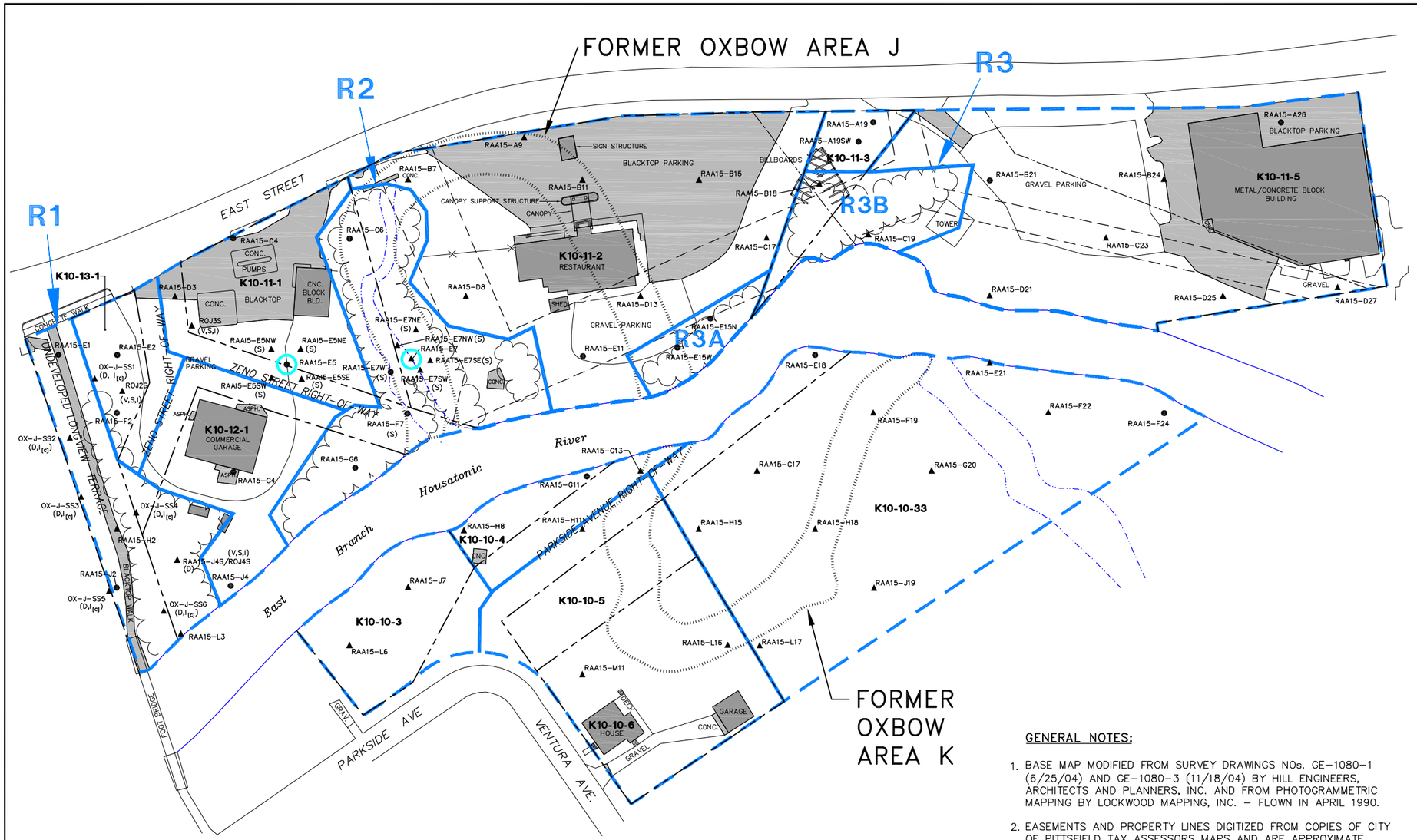

LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- ▲ RAA15–B15 SURFACE SOIL SAMPLE LOCATION
- ● RAA15–E11 SOIL BORING LOCATION
- ○ APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- APPROXIMATE FORMER OXBOW/LOW–LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE–1080–1 (6/25/04) AND GE–1080–3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. – FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW–LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI–VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO–P–DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS
   I_{CN} = SAMPLE WAS ANALYZED FOR CYANIDE ONLY

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (0- TO 1-FOOT INTERVAL)

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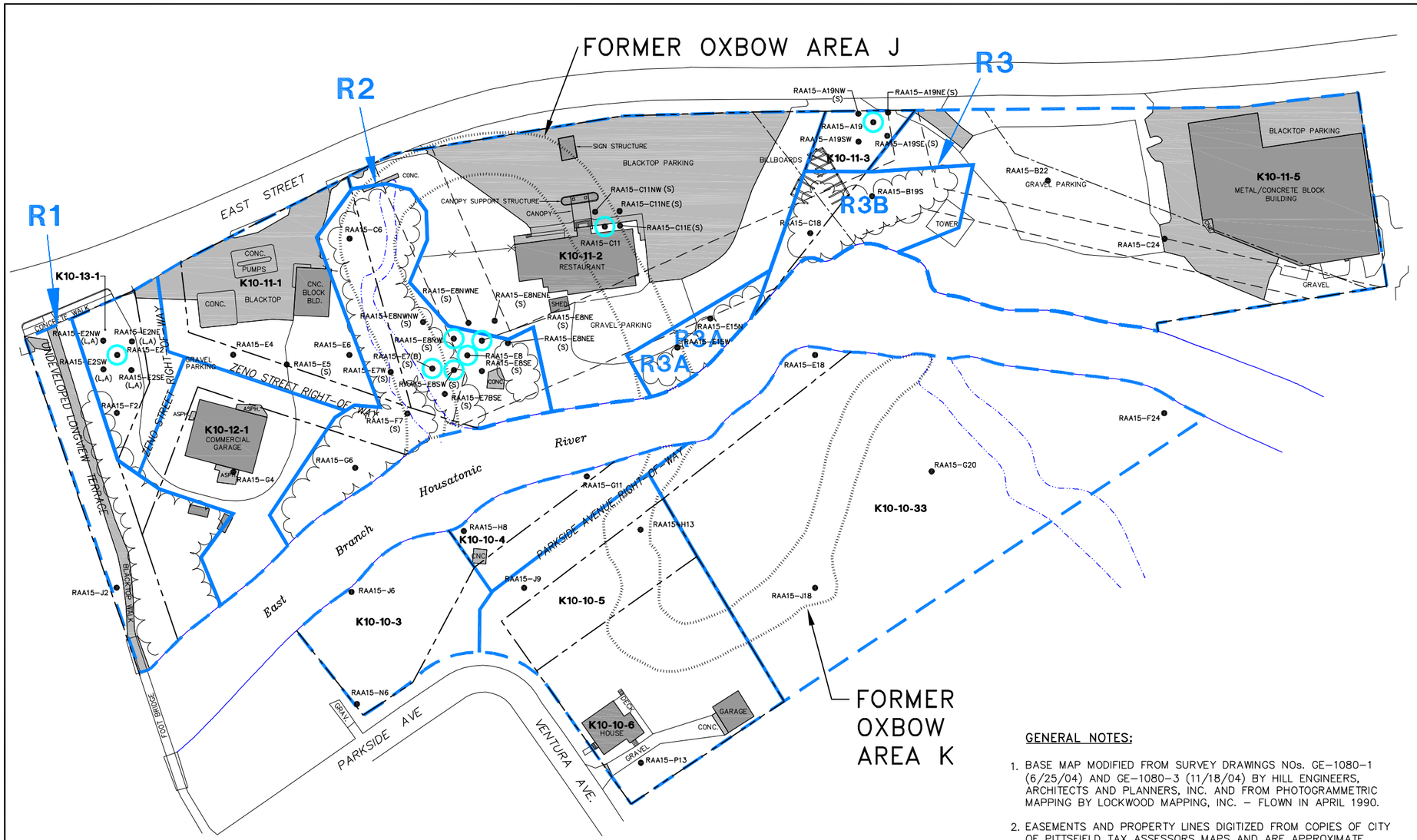
FIGURE E-1

X: 20633X01.DWG
L: ON=*, OFF=*REF, |EASE-25, |PAVED-SH, |SHD-ESMT, |UNPAVED-SH, *|U-*
P: PAGESET/SYR-DL
3/8/05 SYR-85-DMW LAF DMW
N/20639003/20639G03.DWG



LEGEND

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- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-G20 SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
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GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. EASEMENTS AND PROPERTY LINES DIGITIZED FROM COPIES OF CITY OF PITTSFIELD TAX ASSESSORS MAPS AND ARE APPROXIMATE.
3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   L,A = LEAD AND ANTIMONY ONLY
7. (B) REFERS TO ADDITIONAL SUPPLEMENTAL DRILLING LOCATION NEEDED FOR VERTICAL DELINEATION.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

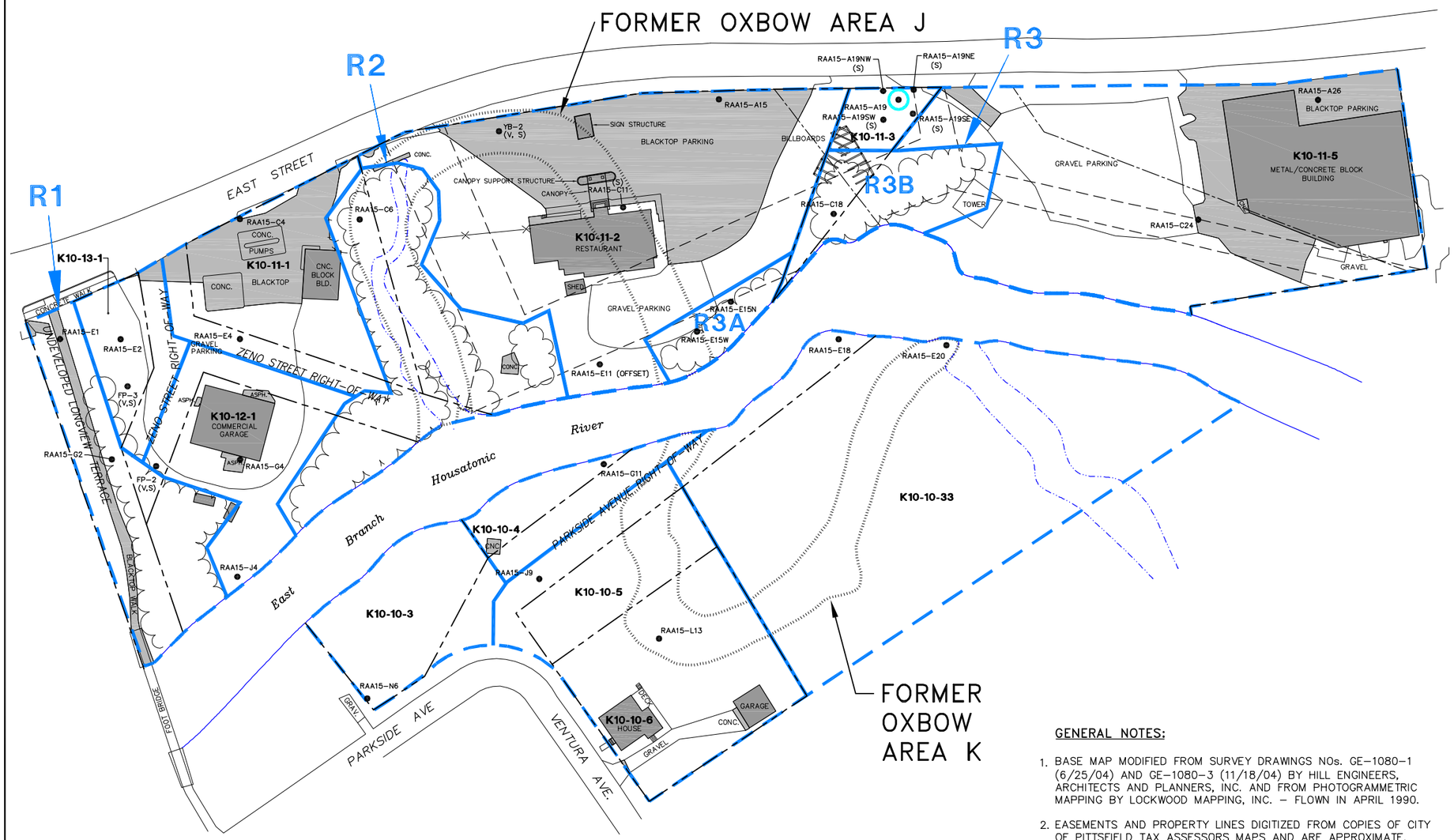
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (1- TO 3-FOOT INTERVAL)

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

FIGURE E-2

X: 20633X01.DWG
L: ON=*, OFF=*REF, *|CONT-, |EASE-25, |SHD-ESMT, |UNPAVED-SHD, |REC-BOUNDARY
P: PAGESET/SYR-DL
3/9/05 SYR-85-DMW GMS DMW
N/20639003/20639G04.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-E4 SOIL BORING LOCATION
- APPENDIX IX+3 SAMPLE LOCATION SUBJECT TO REMOVAL
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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3. FORMER RIVER CHANNEL AND OXBOW/LOW-LYING AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
4. UTILITY LOCATIONS ARE APPROXIMATE, AND ALL UTILITIES MAY NOT BE SHOWN.
5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
7. (OFFSET) REFERS TO ADDITIONAL DRILLING LOCATION NEEDED BECAUSE OF EQUIPMENT REFUSAL AT INITIAL BORING.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (3- TO 6-FOOT INTERVAL)

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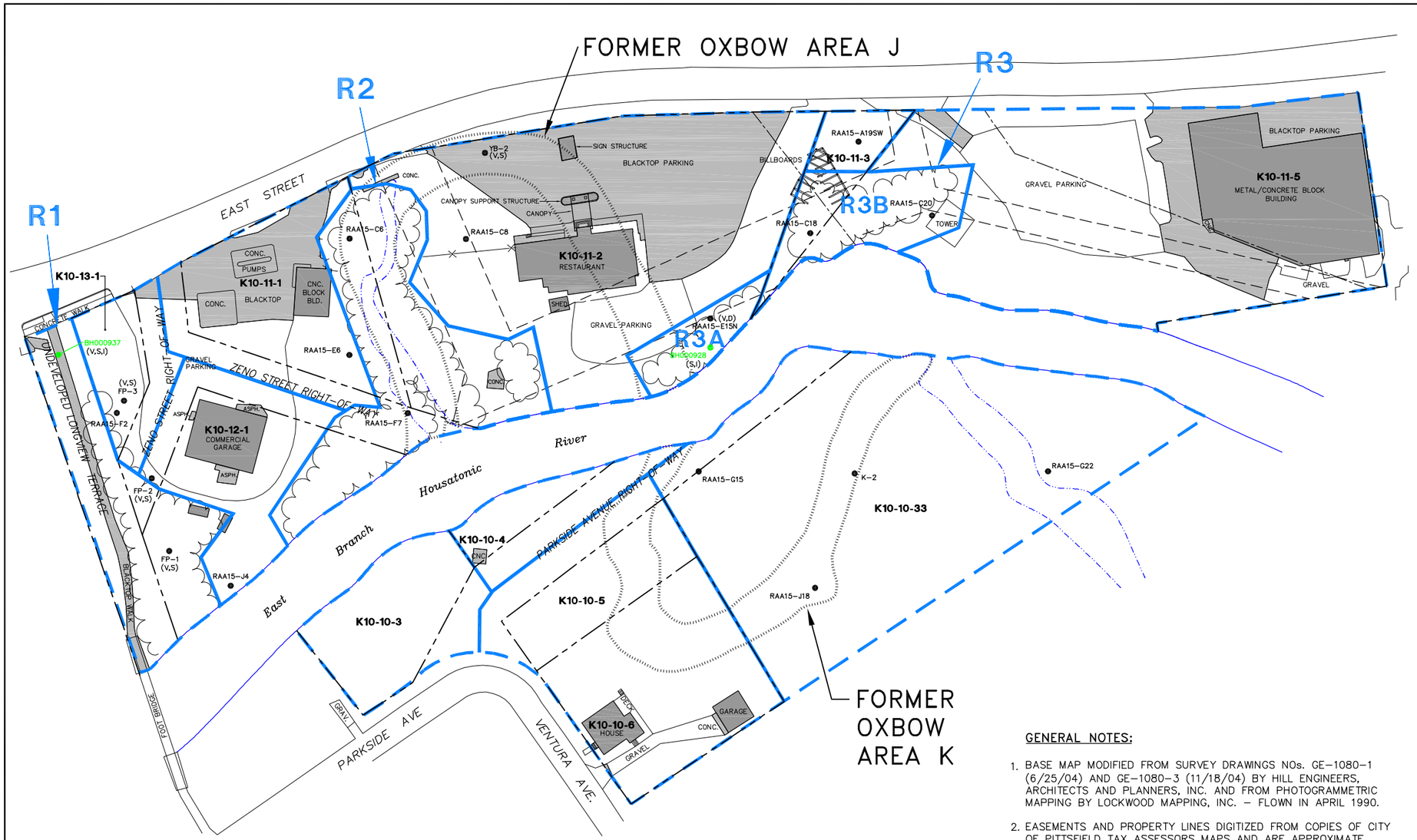
engineers, scientists, economists

FIGURE
E-3

X: 20639X01.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
3/8/05 SYR-54-DMW LJP DMW
N/20639003/20639G05.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-E6 SOIL BORING LOCATION
- BH000937 EPA SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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5. SAMPLE LOCATIONS WERE SURVEYED BY BLASLAND, BOUCK & LEE, INC. OR HILL ENGINEERS, ARCHITECTS AND PLANNERS. HISTORICAL LOCATIONS ARE APPROXIMATE.
6. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

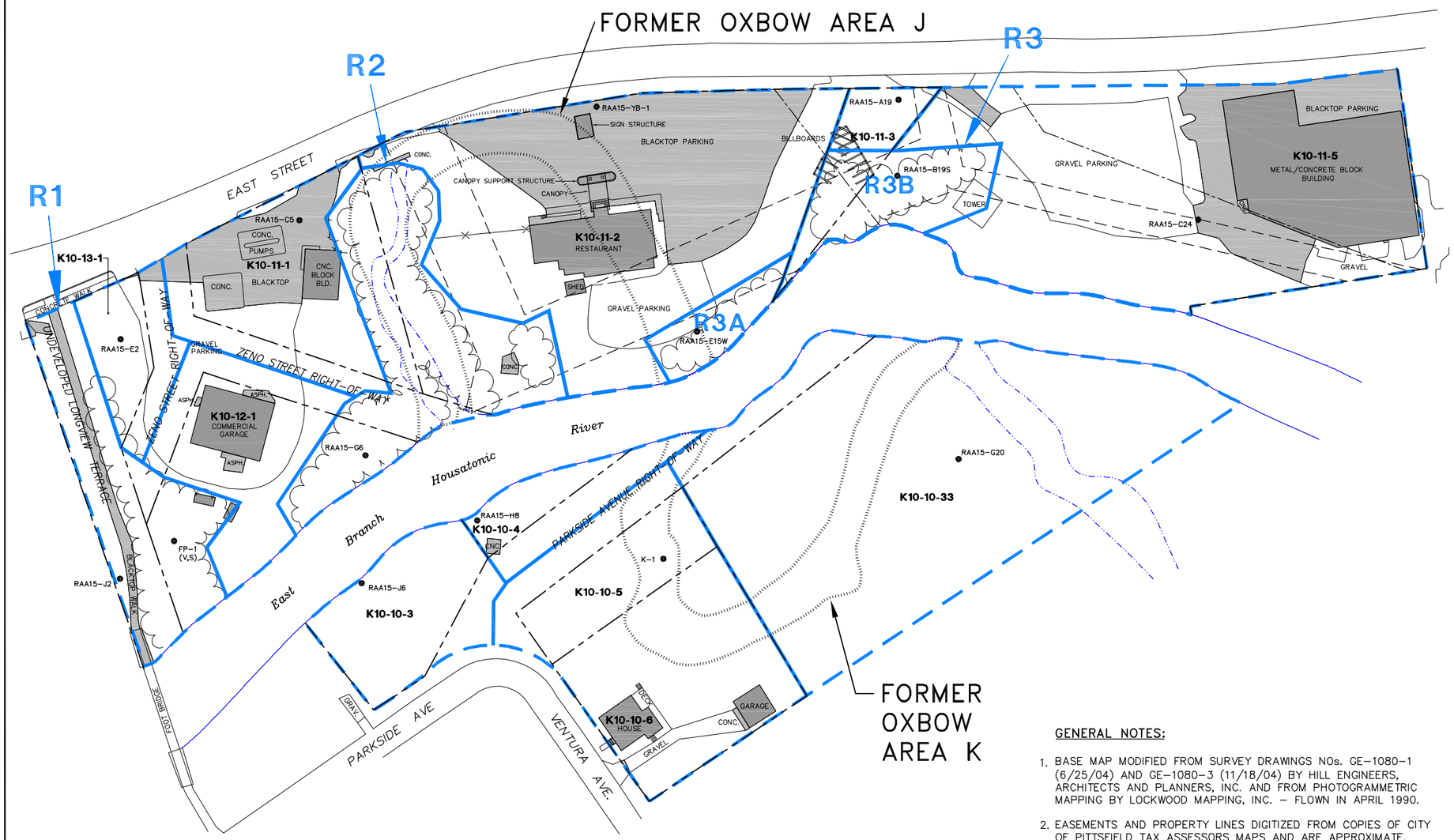
CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (6- TO 10-FOOT INTERVAL)

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

FIGURE E-4

X: 20639X01.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
3/8/05 SYR-54-DMW LJP DMW
N/20639003/20639G06.DWG



LEGEND

- APPROXIMATE REMOVAL ACTION AREA BOUNDARY
- RD/RA AVERAGING AREA BOUNDARY
- PROPERTY LINE
- K10-10-6 PROPERTY ID
- R1 RECREATIONAL AREA ID
- WESTERN MASS. ELECTRIC CO. EASEMENT
- SEWER EASEMENT
- STREAMS WITH INTERMITTENT FLOW
- RAA15-E2 SOIL BORING LOCATION
- APPROXIMATE FORMER OXBOW/LOW-LYING AREA
- BUILDING OR PERMANENT STRUCTURE
- PAVED AREA

GENERAL NOTES:

1. BASE MAP MODIFIED FROM SURVEY DRAWINGS NOs. GE-1080-1 (6/25/04) AND GE-1080-3 (11/18/04) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, INC. AND FROM PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
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6. SOIL SAMPLES HAVE BEEN ANALYZED FOR ALL APPENDIX IX+3 CONSTITUENTS (EXCLUDING PESTICIDES AND HERBICIDES) UNLESS INDICATED IN PARENTHESES THAT THEY WERE ANALYZED ONLY FOR ONE OR MORE OF THE FOLLOWING CONSTITUENT GROUPS:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

CONCEPTUAL RD/RA WORK PLAN FOR FORMER OXBOW AREAS J AND K

EXISTING APPENDIX IX+3 SOIL SAMPLE LOCATIONS (10- TO 15-FOOT INTERVAL)

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

FIGURE E-5

X: 20633X01.DWG
L: ON=*, OFF=*REF, *|CONT-, |EASE-25, |SHD-ESMT, |UNPAVED-SHD, |U-*
P: PAGESET/SYR-DL
3/8/05 SYR-85-DMW GMS DMW
N/20639003/20639G07.DWG

Conceptual Removal Design/ Removal Action Work Plan for Former Oxbow Areas J and K

Volume IV of IV

General Electric Company
Pittsfield, Massachusetts

March 2005

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Appendix

F Risk Evaluation of Non-PCB Appendix IX+3 Constituents in Soils at Properties within Former Oxbow Areas J and K

Appendix F

Risk Evaluation of Non-PCB Appendix IX+3 Constituents in Soils at Properties within Former Oxbow Areas J and K

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Risk Evaluation of Non-PCB Appendix IX+3 Constituents in Soils at Former Oxbow Areas J and K

Appendix F

to

Conceptual Removal Design/Removal Action
Work Plan for Former Oxbow Areas J and K

APPENDIX F

Risk Evaluation of Non-PCB Appendix IX+3 Constituents in Soils at Former Oxbow Areas J and K

1.0 Introduction

A number of non-PCB constituents have been detected in the existing soils of properties located in the Former Oxbow Areas J and K within the GE-Pittsfield/Housatonic River Site. These constituents have been evaluated in accordance with the multi-step process established for non-PCB Appendix IX+3 constituents in the *Statement of Work for Removal Actions Outside the River* (SOW) (BBL, 1999). The steps in this process are described in the text of this Conceptual RD/RA Work Plan. These steps included screening by comparison of the maximum concentrations of the detected constituents at each "averaging area" to the applicable EPA Region 9 Preliminary Remediation Goals (PRGs) for soil listed in an attachment to the SOW (or, for some constituents, surrogate PRGs for similar compounds). Following the screening process, the average concentrations of the remaining constituents in each relevant depth increment at each averaging area were compared to the applicable Method 1 soil standards set out in the Massachusetts Contingency Plan (MCP). These steps were applied first to existing conditions at each area, using the non-PCB data from all samples collected at that area. At several areas, where applicable Method 1 soil standards were significantly exceeded, soil remediation was proposed that would address such constituents. The comparison to Method 1 standards was then repeated after taking into account the proposed remediation.

As described in the text of this Work Plan, for ten separate averaging areas at the Former Oxbow Areas J and K – Parcel K10-13-1, Parcel K10-12-1, Parcel K10-11-1, Parcel K10-11-2, Parcel K10-11-3, Parcel K10-11-5, Recreational Area R1, Recreational Area R2, Recreational Area R3A and Recreational Area R3B – one or more non-PCB constituents had existing average concentrations exceeding the applicable Method 1 soil standards in at least one of the relevant depth increments. For five of these areas (Parcel K10-12-1, Parcel K10-11-5, Recreational Area R1, Recreational Area R3A and Recreational Area R3B), GE requested that AMEC Earth & Environmental (AMEC) conduct area-specific risk evaluations of the non-PCB constituents under existing conditions. For the remaining five averaging areas, GE has proposed soil remediation that would address the non-PCB constituents. For these areas, GE has requested that AMEC conduct an area-specific risk evaluation of the

non-PCB constituents under post-remediation conditions. In all cases, the risk evaluations were performed for all non-PCB constituents that were retained prior to the comparison to the Method 1 soil standards, using the protocols for area-specific risk evaluations set forth in the SOW. Risk evaluations for dioxins/furans were evaluated separately in accordance with the SOW, as described in the text of this Work Plan.

This Appendix describes and presents the results of the area-specific risk evaluations for the above-listed ten averaging areas at the Former Oxbow Areas J and K. Recreational Areas R1, R2, R3A and R3B are considered recreational properties, while the other six averaging areas are under commercial use. In accordance with the SOW, these risk evaluations were based on: (a) the arithmetic average concentrations of the retained non-PCB constituents for each area (under either existing or post-remediation conditions, as applicable); (b) the same exposure scenarios, soil depth increments, and exposure assumptions used by EPA in developing the PCB Performance Standards for such areas (as described in EPA, 1999a); and (c) standard toxicity values published by EPA or (where EPA values are not available) the Massachusetts DEP. As discussed below, for the averaging areas and constituents evaluated, estimated cancer risks and non-cancer hazards fall below the acceptable benchmarks prescribed in the SOW.

2.0 Constituents and Depth Increments Evaluated

In accordance with the protocols set forth in the SOW, the risk evaluations presented herein have considered all chemicals of potential concern (COPCs) that were retained for evaluation after the initial screening steps described in this Work Plan but before the comparison to MCP Method 1 standards. The risk evaluations have used the average concentrations of those constituents at each of the averaging areas in question (under either existing or post-remediation conditions, as applicable). The constituents evaluated, which vary from area to area, are shown in Table 1 and discussed in detail in the area-specific risk evaluations presented in Section 5.

For each relevant area and COPC, average concentrations have been calculated for the same depth increments evaluated by EPA (1999a) in developing the PCB Performance Standards. For the commercial areas (including those that will be subject to Conditional Solutions and the commercial portion of Parcel K10-11-5, which is being evaluated to ensure that it satisfies the requirements under either an ERE or Conditional Solution

scenario), these increments are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. For the recreational areas that are subject to Conditional Solutions, the depth increments evaluated by EPA (1999a) are the 0-1 foot and 0-3 foot depth increments. For recreational area R3B, which is being evaluated to ensure that it satisfies the requirements under either an ERE or Conditional Solution scenario, the 1-3 foot depth increment (which applies to recreational areas with EREs) is also evaluated, although EPA (1999a) did not present any specific risk calculations to support the PCB Performance Standard for the latter depth increment.

With the exception of lead, area-specific COPCs have been included in risk calculations for each area to determine whether cancer risks and non-cancer hazards fall within acceptable limits. (In accordance with the SOW, PCBs and dioxins/furans have not been included in these evaluations.) Since EPA has not developed standard toxicity values for lead, that constituent has been evaluated through the application of EPA lead models and/or default lead values, as discussed below.

3.0 Risk Evaluation Assumptions and Procedures (for All COPCs Except Lead)

In accordance with the SOW, the exposure scenarios that have been evaluated are the same exposure scenarios utilized by EPA (1999a) in supporting the PCB Performance Standards. For the commercial areas, these are the Commercial Groundskeeper scenario for surface soil (0-1 foot depth) and the Utility Worker scenario for subsurface soil (1-6 foot depth). In addition, since some or all of these commercial areas will be subject to Conditional Solutions, the Commercial Groundskeeper scenario has also been applied to the 0-3 foot depth increment. For the recreational areas, the exposure scenario evaluated by EPA (1999a) for surface soil (0-1 foot depth) is the Child Recreational User scenario. In the present evaluations, that scenario has also been applied to the 0-3 foot and 1-3 foot depth increments at the recreational areas.

The Commercial Groundskeeper scenario assumes that an adult is exposed to constituents in surficial soils 84 days per year for a period of 25 years. With the exception of chemical-specific absorption criteria, all exposure assumptions used to evaluate this scenario were the same as those used by EPA (1999a). Exposure assumptions used in the evaluation of this scenario are provided in Table 2.

The Utility Worker scenario assumes that an adult is in contact with subsurface soils 5 days per year for 25 years. As with the Groundskeeper scenario, all exposure assumptions used in this scenario were the same as the assumptions used by EPA (1999a). These assumptions are presented in Table 2.

The Child Recreational User scenario assumes, for the assessment of carcinogenic risks, that a 1- to 13-year-old child is exposed to constituents in surface soil 84 days per year for a period of 12 years. For the assessment of non-cancer hazards, it is assumed that a 1- to 6-year-old child is exposed 84 days per year for a period of 6 years. Again, all exposure assumptions used in this scenario were the same as those used by EPA (1999a). The specific exposure assumptions used for the Child Recreational User scenario are also listed in Table 2.

With respect to absorption factors, EPA's dermal guidance document (EPA, 2001b) specifies oral absorption factors less than 100 percent for certain of the constituents evaluated (e.g., 89 percent for the carcinogenic polycyclic aromatic hydrocarbons [PAHs]). The guidance document notes that, where such factors are greater than 50 percent, the toxicity factors do not need to be modified to represent the absorbed dose. Nevertheless, for purposes of the evaluations at Former Oxbow Areas J and K, we have conservatively assumed that the oral absorption of all chemicals evaluated is 100 percent. The dermal absorption factors used were taken from EPA's dermal guidance (EPA, 2001b), where available, or otherwise from Massachusetts DEP sources (MDEP, 1994, 1995). The specific absorption factors used in these evaluations are shown in Table 3.

The carcinogenic COPCs have been evaluated for potential carcinogenic risks, while the non-carcinogenic COPCs have been evaluated for potential non-cancer hazards. The toxicity values – i.e., Cancer Slope Factors (CSFs) and/or Reference Doses (RfDs) – used in the evaluations were those set forth on EPA's (2003) Integrated Risk Information System (IRIS), when available. For the carcinogenic PAHs, relative potency factors (RPFs) recommended by EPA (1993) have been used to adjust the CSF values for these PAHs based on their assumed potency relative to benzo(a)pyrene. For one of the potential carcinogenic constituents (3-methylcholanthrene), no toxicity value was available in IRIS. For this compound, the CSF for dibenzo(a,h)anthracene was used as a surrogate value. There were also no toxicity values available in IRIS for two of the non-carcinogenic constituents evaluated. For phenanthrene, the RfD value used by the Massachusetts DEP

in developing its Method 1 standards (MDEP, 1994) was used. For sulfide, the RfD provided in IRIS for carbon disulfide was used as a surrogate value. The specific toxicity values used in these evaluations are included in Table 3.

Based on these input values, predicted cancer risks and non-cancer hazards have been calculated for the COPCs at each averaging area using standard risk assessment procedures. The results have been compared to the benchmarks, set forth in the SOW (for constituents other than PCBs and dioxins/furans), of an Excess Lifetime Cancer Risk (ELCR) of 1×10^{-5} (after rounding) and a Hazard Index (HI) of 1 for non-cancer effects.

4.0 Evaluation of Lead Exposures and Risks

Lead has been retained as a COPC at one of the specific areas evaluated. However, EPA has not developed toxicity criteria for lead (EPA, 2003). Consequently, it is not possible to evaluate potential hazards associated with lead exposure in the same way that other COPCs are evaluated. Instead, EPA has established a “safe” fetal blood lead level of 10 µg/dL and has developed models to evaluate both adult and childhood exposures to lead, considering fetal or childhood blood levels as the critical endpoint. For an adult who may be exposed to lead in a non-residential setting, EPA has developed the Adult Lead Methodology (ALM) (EPA, 1996, 1999b, 2001a). This methodology predicts the blood levels of lead that would likely occur in a pregnant woman and in her fetus after non-residential exposure to lead-contaminated soil and dust. For lead exposures in children, EPA has developed the Integrated Exposure Uptake Biokinetic Model (IEUBK) (EPA, 2002). This model is a biokinetic model that allows one to calculate blood levels in children who have been exposed to lead in a variety of media.

Using the ALM model, AMEC has previously back-calculated a soil lead concentration that could result in a 95th percentile fetal blood level of 10 µg/dL. That concentration is 2,008 ppm. Similarly, using the IEUBK model, AMEC has previously back-calculated a soil lead concentration that is protective of 95 percent of 0- to 7-year-old children at a benchmark blood lead concentration of 10 µg/dL. That concentration is 1,313 ppm. These soil lead concentrations and the underlying calculations were presented in detail in Appendix F to GE’s *Conceptual Removal Design/Removal Action Work Plan Addendum for Newell Street Area I* (BBL, 2003), which was submitted to EPA on April 17, 2003 and approved by EPA by letter of May 13, 2003. These concentrations were approved for use as Risk-Based

Concentrations (RBCs) to evaluate lead exposures in the area-specific risk evaluations at Newell Street Area I.

Consistent with that approval, the soil lead concentration of 2,008 ppm (based on the ALM model) has been used at the Former Oxbow Areas J and K as an RBC to evaluate lead exposures at the commercial areas and depth increments where lead is a COPC and the Commercial Groundskeeper scenario applies – i.e. the 0-1 foot and 0-3 foot depth increments. In areas where the average area-specific lead concentrations at the relevant depth intervals are below the applicable RBC, it is concluded that lead exposures will not result in adverse effects.

Because the ALM assumes that a steady-state blood lead concentration is reached, short-term or intermittent exposures (such as those assumed to be experienced by the Utility Worker) are not well represented by the model (EPA, 2001a). Accordingly, for the Utility Worker scenario at commercial areas, which is based on exposure only 5 days per year at a given area (see EPA, 1999a), the ALM has not been used. Instead, based on the agreement between GE and EPA described in the Conceptual RD/RA Work Plan for Newell Street Area I (BBL, 2003), lead concentrations in the depth interval where the Utility Worker scenario would apply – i.e., the 1-6 foot depth interval at commercial areas – have been evaluated by comparing the average lead concentration for that depth interval to a default level equivalent to the Upper Concentration Limit (UCL) for lead set forth in the MCP, which is 6,000 mg/kg.

5.0 Area-Specific Risk Evaluations

Area-specific risk evaluations were conducted for the ten averaging areas at which the applicable Method 1 soil standards were exceeded after the screening process. As noted previously, the risk evaluations for five of these areas (Parcel K10-12-1, Parcel K10-11-5, Recreational Area R1, Recreational Area R3A and Recreational Area R3B) were based on existing conditions, while the risk evaluations for the remaining five averaging areas were based on post-remediation conditions. Specific COPCs and depth increments evaluated for each area are described below along with the results of each risk evaluation. Spreadsheets showing pathway-specific and COPC-specific calculations are provided in Attachment A of this Appendix.

5.1 Parcel K10-13-1 – Commercial Area

A portion of Parcel K10-13-1 is used for commercial purposes. An area-specific risk evaluation has been performed for this commercial area based on the average post-remediation concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The soil depths subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. The COPCs evaluated and their post-remediation average concentrations are as follows:

	Ave. Conc. Per Depth Increment (mg/kg)		
COPCs	**0-1 foot**	**0-3 foot**	**1-6 foot**
Benzo(a)anthracene	0.48	0.66	2.72
Benzo(a)pyrene	0.43	0.68	2.16
Benzo(b)fluoranthene	0.47	0.68	2.02
Dibenzo(a,h)anthracene	0.31	0.31	0.37
Antimony	6.00	82.8	170
Arsenic	9.67	10.18	9.47
Cyanide	30.22	20.25	0.3
Lead	188.53	1085	4806

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 and 0-3 foot depth increments, while the Utility Worker scenario has been used to evaluate risks for the 1-6 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at the commercial part of Parcel K10-13-1 are as follows:

Scenario	ECLR	HI
Groundskeeper (0-1 foot)	1.7E-06	0.011
Groundskeeper (0-3 foot)	2.0E-06	0.064
Utility Worker (1-6 foot)	9.5E-07	0.035

All these estimated risks and hazards are well below the levels of concern specified in the SOW.

The average post-remediation lead concentrations in the 0-1 and 0-3 foot soil increments, 188.53 and 1085 mg/kg, respectively, are well below the calculated RBC of 2,008 mg/kg for lead in soil in such depths at commercial properties. The average post-remediation concentration in the 1-6 foot depth increment, 4806 mg/kg, is below the UCL of 6,000 mg/kg. Thus, post-remediation lead concentrations in the surface and subsurface soils of this area are below the benchmark levels of concern.

5.2 Parcel K10-12-1 – Commercial Area

A portion of Parcel K10-12-1 is used for commercial purposes. An area-specific risk evaluation has been performed for this commercial area based on the average existing concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The soil depths subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. The COPCs evaluated and their existing average concentrations are as follows:

	Ave. Conc. Per Depth Increment (mg/kg)		
COPCs	**0-1 foot**	**0-3 foot**	**1-6 foot**
Benzo(a)anthracene	0.46	1.64	2.87
Benzo(a)pyrene	0.51	1.70	2.88
Benzo(b)fluoranthene	0.51	1.67	3.04
Dibenzo(a,h)anthracene	0.33	0.35	2.14
Arsenic	6.05	5.40	2.57

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 and 0-3 foot depth increments, while the Utility Worker scenario has been used to evaluate risks for the 1-6 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel K10-12-1 are as follows:

Scenario	ECLR	HI
Groundskeeper (0-1 foot)	1.4E-06	0.0040
Groundskeeper (0-3 foot)	2.5E-06	0.0035
Utility Worker (1-6 foot)	1.4E-06	0.00036

All these estimated risks and hazards are well below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.3 Parcel K10-11-1 – Commercial Area

A portion of Parcel K10-11-1 is used for commercial purposes. An area-specific risk evaluation has been performed for this commercial area based on the average post-remediation concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The soil depths subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. The COPCs evaluated and their post-remediation average concentrations are as follows:

COPCs	Ave. Conc. Per Depth Increment (mg/kg) 0-1 foot	0-3 foot	1-6 foot
Benzo(a)anthracene	1.16	1.21	0.86
Benzo(a)pyrene	1.01	1.07	0.80
Benzo(b)fluoranthene	0.96	0.99	0.70
Dibenzo(a,h)anthracene	0.40	0.36	0.24
Indeno(1,2,3-cd)pyrene	0.60	0.66	0.53
Arsenic	5.58	4.60	4.90

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 and 0-3 foot depth increments, while the Utility Worker scenario has been used to evaluate risks for the 1-6 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel K10-11-1 are as follows:

Scenario	ECLR	HI
Groundskeeper (0-1 foot)	1.9E-06	0.0037
Groundskeeper (0-3 foot)	1.9E-06	0.0030
Utility Worker (1-6 foot)	4.2E-07	0.00069

All these estimated risks and hazards are well below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.4 Parcel K10-11-2 – Commercial Area

A portion of Parcel K10-11-2 is used for commercial purposes. An area-specific risk evaluation has been performed for this commercial area based on the average post-remediation concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The soil depths subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. The COPCs evaluated and their post-remediation average concentrations are as follows:

COPCs	Ave. Conc. Per Depth Increment (mg/kg) 0-1 foot	0-3 foot	1-6 foot
Benzo(a)anthracene	3.11	4.49	4.71
Benzo(a)pyrene	3.00	3.60	3.40
Benzo(b)fluoranthene	3.36	3.88	3.01
Benzo(k)fluoranthene	2.18	3.00	3.20
Dibenzo(a,h)anthracene	0.91	0.99	0.88
Indeno(1,2,3-cd)pyrene	1.50	1.77	2.07
3-Methylcholanthrene	2.63	2.38	1.96
Arsenic	4.20	4.21	5.70

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 and 0-3 foot depth increments, while the Utility Worker scenario has been used to evaluate risks

for the 1-6 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel K10-11-2 are as follows:

Scenario	ECLR	HI
Groundskeeper (0-1 foot)	6.3E-06	0.0028
Groundskeeper (0-3 foot)	6.8E-06	0.0028
Utility Worker (1-6 foot)	1.9E-06	0.00080

All these estimated risks and hazards are well below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.5 Parcel K10-11-3 – Commercial Area

A portion of Parcel K10-11-3 is used for commercial purposes. An area-specific risk evaluation has been performed for this commercial area based on the average post-remediation concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The soil depths subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. The COPCs evaluated and their post-remediation average concentrations are as follows:

	Ave. Conc. Per Depth Increment (mg/kg)		
COPCs	0-1 foot	0-3 foot	1-6 foot
Benzo(a)anthracene	3.90	4.43	5.11
Benzo(a)pyrene	4.71	4.67	4.01
Benzo(b)fluoranthene	4.44	4.08	2.87
Benzo(k)fluoranthene	4.80	4.59	3.54
Dibenzo(a,h)anthracene	0.49	0.65	0.73
Indeno(1,2,3-cd)pyrene	2.00	2.26	2.41
Arsenic	5.00	5.04	4.88

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 and 0-3 foot depth increments, while the Utility Worker scenario has been used to evaluate risks for the 1-6 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel K10-11-3 are as follows:

Scenario	ECLR	HI
Groundskeeper (0-1 foot)	5.5E-06	0.0033
Groundskeeper (0-3 foot)	5.7E-06	0.0033
Utility Worker (1-6 foot)	1.5E-06	0.00069

All these estimated risks and hazards are well below the levels of concern specified in the SOW. Lead is not a COPC for this parcel and thus has not been evaluated.

5.6 Parcel K10-11-5 – Commercial Area

A portion of Parcel K10-11-5 is used for commercial purposes. An area-specific risk evaluation has been performed for this commercial area based on the average existing concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. As discussed above, this area is being evaluated to make sure it satisfies the Performance Standards under either an ERE or Conditional Solution scenario. Therefore, the soil depths subject to risk evaluation for this area are the 0-1 foot, 0-3 foot, and 1-6 foot depth increments. The COPCs evaluated and their existing average concentrations are as follows:

	Ave. Conc. Per Depth Increment (mg/kg)		
COPCs	**0-1 foot**	**0-3 foot**	**1-6 foot**
Benzo(a)anthracene	1.63	1.30	0.21
Benzo(a)pyrene	1.65	1.31	0.20
Benzo(b)fluoranthene	1.55	1.23	0.20
Dibenzo(a,h)anthracene	0.71	0.60	0.15
Arsenic	5.28	4.71	3.18

The Commercial Groundskeeper scenario has been used to evaluate risks for the 0-1 and 0-3 foot depth increments, while the Utility Worker scenario has been used to evaluate risks for the 1-6 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at Parcel K10-11-5 are as follows:

Scenario	**ECLR**	**HI**
Groundskeeper (0-1 foot)	2.7E-06	0.0035
Groundskeeper (0-3 foot)	2.2E-06	0.0031
Utility Worker (1-6 foot)	1.7E-07	0.00045

All these estimated risks and hazards are well below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.7 Recreational Area R1 – Recreational Area

Recreational Area R1 is considered to be a recreational use area. An area-specific risk evaluation has been performed for this area based on the average existing concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The depth increments evaluated for this area are the 0-1 foot and 0-3 foot

depth increments. The COPCs evaluated and their average existing concentrations are as follows:

COPCs	Ave. Conc. Per Depth Increment (mg/kg) 0-1 foot	0-3 foot
Benzo(a)anthracene	0.70	0.61
Benzo(a)pyrene	0.84	0.74
Benzo(b)fluoranthene	1.16	1.01
Dibenzo(a,h)anthracene	0.29	0.28
Indeno(1,2,3-cd)pyrene	0.38	0.33
Arsenic	4.58	4.18

Consistent with the approach used by EPA in supporting the Performance Standards for PCBs, the Child Recreational User scenario has been used to evaluate risks for the 0-1 foot depth increment. That same scenario has also been applied to evaluate risks for the 0-3 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at this area are as follows:

Scenario	ECLR	HI
Child Recreational User (0-1 foot)	4.5E-06	0.028
Child Recreational User (0-3 foot)	4.1E-06	0.025

All these estimated risks and hazards are below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.8 Recreational Area R2 – Recreational Area

Recreational Area R2 is considered to be a recreational use area. An area-specific risk evaluation has been performed for this area based on the average post-remediation concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The depth increments evaluated for this area are the 0-1 foot and 0-3 foot depth increments. The COPCs evaluated and their average post-remediation concentrations are as follows:

COPCs	Ave. Conc. Per Depth Increment (mg/kg) 0-1 foot	0-3 foot
Benzo(a)anthracene	1.57	1.20
Benzo(a)pyrene	0.87	0.72
Benzo(b)fluoranthene	0.84	0.68
Benzo(k)fluoranthene	1.10	0.85
Chrysene	1.72	1.31
Dibenzo(a,h)anthracene	0.30	0.26

Indeno(1,2,3-cd)pyrene	0.49	0.40
Phenanthrene	2.73	2.14
Arsenic	4.13	4.27

Consistent with the approach used by EPA in supporting the Performance Standards for PCBs, the Child Recreational User scenario has been used to evaluate risks for the 0-1 foot depth increment. That same scenario has also been applied to evaluate risks for the 0-3 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at this area are as follows:

Scenario	ECLR	HI
Child Recreational User (0-1 foot)	4.7E-06	0.025
Child Recreational User (0-3 foot)	4.1E-06	0.026

All these estimated risks and hazards are below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.9 Recreational Area R3A – Recreational Area

Recreational Area R3A is considered to be a recreational use area. An area-specific risk evaluation has been performed for this area based on the average existing concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. The depth increments evaluated for this area are the 0-1 foot and 0-3 foot depth increments. The COPCs evaluated and their average existing concentrations are as follows:

	Ave. Conc. Per Depth Increment (mg/kg)	
COPCs	**0-1 foot**	**0-3 foot**
Benzo(a)anthracene	0.93	1.51
Benzo(a)pyrene	0.56	0.77
Benzo(b)fluoranthene	0.59	0.81
Dibenzo(a,h)anthracene	0.12	0.18
Indeno(1,2,3-cd)pyrene	0.31	0.40
Arsenic	4.80	4.80
Sulfide	690.00	348.55

Consistent with the approach used by EPA in supporting the Performance Standards for PCBs, the Child Recreational User scenario has been used to evaluate risks for the 0-1 foot depth increment. That same scenario has also been applied to evaluate risks for the 0-3 foot depth increment. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at this area are as follows:

Scenario	ECLR	HI
Child Recreational User (0-1 foot)	3.4E-06	0.041
Child Recreational User (0-3 foot)	4.3E-06	0.035

All these estimated risks and hazards are below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

5.10 Recreational Area R3B – Recreational Area

Recreational Area R3B is considered to be a recreational use area. An area-specific risk evaluation has been performed for this area based on the average existing concentrations of all constituents that were retained for evaluation prior to the comparison to the MCP Method 1 soil standards. As discussed above, this area is being evaluated to make sure it satisfies the Performance Standards under either an ERE or Conditional Solution scenario. Therefore, the depth increments evaluated for this area are the 0-1 foot, 0-3 foot, and 1-3 foot depth increments. The COPCs evaluated and their average existing concentrations are as follows:

	Ave. Conc. Per Depth Increment (mg/kg)		
COPCs	0-1 foot	0-3 foot	1-3 foot
Benzo(a)anthracene	1.41	0.82	0.23
Benzo(a)pyrene	1.59	0.92	0.26
Benzo(b)fluoranthene	1.64	0.95	0.26
Dibenzo(a,h)anthracene	0.28	0.25	0.23
Indeno(1,2,3-cd)pyrene	0.68	0.43	0.18
Arsenic	5.00	4.93	4.85

Consistent with the approach used by EPA in supporting the Performance Standards for PCBs, the Child Recreational User scenario has been used to evaluate risks for the 0-1 foot depth increment. That same scenario has also been applied to evaluate risks for the 0-3 foot and 1-3 foot depth increments. The calculated total cancer risks and non-cancer hazards for all COPCs evaluated at this area are as follows:

Scenario	ECLR	HI
Child Recreational User (0-1 foot)	6.7E-06	0.030
Child Recreational User (0-3 foot)	4.7E-06	0.030
Child Recreational User (1-3 foot)	2.7E-06	0.029

All these estimated risks and hazards are below the levels of concern specified in the SOW. Lead is not a COPC for this averaging area and thus has not been evaluated.

6.0 Summary of Parcel-Specific Risk Evaluation Results

The predicted cancer risks and non-cancer hazards for the non-PCB COPCs at each of the Former Oxbow Area J and K averaging areas evaluated are summarized in Table 4. That table shows the cancer risk and non-cancer hazard results for each exposure pathway and depth increment evaluated at these areas. Backup COPC-specific calculations are provided in Attachment A. As shown in Table 4, total estimated cancer risks do not exceed the identified cancer risk benchmark of 1×10^{-5} for any depth increment at any of the areas evaluated. Similarly, non-cancer hazards resulting from exposures to surficial and subsurface soils do not exceed the target Hazard Index of 1 at any of the areas. Finally, as discussed above, the average lead concentrations at Parcel K10-13-1 do not exceed the relevant RBC (for the Groundskeeper scenario) or the UCL (for the Utility Worker scenario). Thus, it can be concluded that, following the soil remediation proposed by GE, the soil concentrations for all such COPCs at the Former Oxbow Area J and K properties evaluated would not present a risk of harm under the exposure scenarios evaluated.

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Table 1. Averaging Area-Specific Arithmetic Mean Exposure Point Concentrations

Constituent	K10-13-1			K10-12-1			K10-11-1			K10-11-2			K10-11-3		
	0 to 1	0 to 3	1 to 6	0 to 1	0 to 3	1 to 6	0 to 1	0 to 3	1 to 6	0 to 1	0 to 3	1 to 6	0 to 1	0 to 3	1 to 6
Benzo(a)anthracene	0.48	0.66	2.72	0.46	1.64	2.87	1.16	1.21	0.86	3.11	4.49	4.71	3.90	4.43	5.11
Benzo(a)pyrene	0.43	0.68	2.16	0.51	1.70	2.88	1.01	1.07	0.80	3.00	3.60	3.40	4.71	4.67	4.01
Benzo(b)fluoranthene	0.47	0.68	2.02	0.51	1.67	3.04	0.96	0.99	0.70	3.36	3.88	3.01	4.44	4.08	2.87
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	2.18	3.00	3.20	4.80	4.59	3.54
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	0.31	0.31	0.37	0.33	0.35	2.14	0.40	0.36	0.24	0.91	0.99	0.88	0.49	0.65	0.73
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	0.60	0.66	0.53	1.50	1.77	2.07	2.00	2.26	2.41
3-Methylcholanthrene	-	-	-	-	-	-	-	-	-	2.63	2.38	1.96	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	6.00	82.8	170	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	9.67	10.18	9.47	6.05	5.40	2.57	5.58	4.60	4.90	4.20	4.21	5.70	5.00	5.04	4.88
Cyanide	30.22	20.25	0.3	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	188.53	1085	4806	-	-	-	-	-	-	-	-	-	-	-	-

Constituent	K10-11-5			Recreational Area R1		Recreational Area R2		Recreational Area R3A		Recreational Area R3B		
	0 to 1	0 to 3	1 to 6	0 to 1	0 to 3	0 to 1	0 to 3	0 to 1	0 to 3	0 to 1	1 to 3	0 to 3
Benzo(a)anthracene	1.63	1.30	0.21	0.70	0.61	1.57	1.20	0.93	1.51	1.41	0.23	0.82
Benzo(a)pyrene	1.65	1.31	0.20	0.84	0.74	0.87	0.72	0.56	0.77	1.59	0.26	0.92
Benzo(b)fluoranthene	1.55	1.23	0.20	1.16	1.01	0.84	0.68	0.59	0.81	1.64	0.26	0.95
Benzo(k)fluoranthene	-	-	-	-	-	1.10	0.85	-	-	-	-	-
Chrysene	-	-	-	-		1.72	1.31	-	-	-	-	-
Dibenzo(a,h)anthracene	0.71	0.60	0.15	0.29	0.28	0.30	0.26	0.12	0.18	0.28	0.23	0.25
Indeno(1,2,3-cd)pyrene	-	-	-	0.38	0.33	0.49	0.40	0.31	0.40	0.68	0.18	0.43
3-Methylcholanthrene	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	2.73	2.14	-	-	-	-	-
Antimony	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	5.28	4.71	3.18	4.58	4.18	4.13	4.27	4.80	4.80	5.00	4.85	4.93
Cyanide	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide	-	-	-	-	-	-	-	690.00	348.55	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-

Table 2. Summary of Exposure Parameters for the Groundskeeper, Utility Worker and Child Recreational Use Scenarios

Parameter	Values				Basis
			Child Recreational Use		
	Groundskeeper	Utility Worker	1-6 years	7-13 years[a]	
Soil Ingestion Rate	50 mg/day	137 mg/day	200 mg/day	100 mg/day	EPA, 1999a
Fraction from the Site[b]	1.0	1.0	0.5	0.5	EPA, 1999a
Dermal Adherence Factor	0.1 mg/cm^2	0.8 mg/cm^2			
May through September	-	-	0.24 mg/cm^2	0.26 mg/cm^2	EPA, 1999a
October and November	-	-	0.23 mg/cm^2	0.26 mg/cm^2	EPA, 1999a
Seasonal Time-weighted Ave.[c]	-	-	0.237 mg/cm^2	0.26 mg/cm^2	Calculated
Skin Surface Area Exposed	3,300 cm^2	3,300 cm^2			
May through September	-	-	2900 cm^2	4276 cm^2	EPA, 1999a
October and November	-	-	1340 cm^2	1733 cm^2	EPA, 1999a
Seasonal Time-weighted Ave.[c]	-	-	2454 cm^2	3549 cm^2	Calculated
Exposure Frequency	84 days/year	5 days/year	84 days/year	84 days/year	EPA, 1999a
Exposure Duration	25 years	25 years	6 years	6 years	EPA, 1999a
Body Weight	70 kg	70 kg	15 kg	36.8 kg	EPA, 1999a
Carcinogenic Averaging Time	25,550 days	25,550 days	25,550 days	25,550 days	EPA, 1999a
Non-Carcinogenic Averaging Time	9,125 days	9,125 days	2,190 days	2,190 days	EPA, 1999a

Notes:

[a.] Only used for the evaluation of carcinogenic risks. The non-cancer hazards are evaluated for the 1 to 6 year age group only.

[b.] Fraction from site only used for the soil ingestion pathway.

[c.] Seasonal time-weighted average calculated using the following method: ((May-September*5)+(October-November*2))/7

Table 3. Summary of Chemical-Specific Absorption Factors and Toxicity Values

Constituent	Oral Absorption Factor[1]	Dermal Absorption Factor [2]	Cancer Slope Factor $(mg/kg\text{-}day)^{-1}$	Reference Dose (mg/kg-day)
Benzo(a)anthracene	1	0.13	0.73 [4]	NA
Benzo(a)pyrene	1	0.13	7.3 [3]	NA
Benzo(b)fluoranthene	1	0.13	0.73 [4]	NA
Benzo(k)fluoranthene	1	0.13	0.073 [4]	NA
Chrysene	1	0.13	0.0073 [4]	NA
Dibenzo(a,h)anthracene	1	0.13	7.3 [4]	NA
Indeno(1,2,3-cd)pyrene	1	0.13	0.73 [4]	NA
3-Methylcholanthrene	1	0.13	7.3 [5]	NA
Phenanthrene	1	0.13	NA	0.04 [6]
Antimony	1	0.1 [6]	NA	0.0004 [3]
Arsenic	1	0.03 [6]	1.5 [3]	0.0003 [3]
Cyanide	1	0.3 [6]	NA	0.02 [3]
Sulfide	1	0.03 [7]	NA	0.1 [8]
Lead[9]	NA	NA	NA	NA

Notes:
"NA" Indicates 'Not Applicable'.
1. Conservative default.
2. From EPA Dermal Guidance Document (EPA, 2001b), except where noted.
3. From IRIS (EPA, 2003).
4. Derived through application of RPFs (EPA, 1993) to CSF for benzo(a)pyrene.
5. Evaluated using surrogate toxicity values based on dibenzo(a,h)anthracene
6. From MDEP (1994).
7. From MDEP (1995).
8. Evaluated using IRIS value for carbon disulfide as a surrogate compound.
9. Lead evaluated using EPA's Adult Lead Methodology for adults and the IEUBK model for children (see text).

Table 4. Summary of Risks and Hazards at the Former Oxbow Areas J and K

Area Number	Exposure Pathway	Cancer Risk				Hazard Index			
		0- to 1-foot	0- to 3-foot	1- to 3-foot	1- to 6-foot	0- to 1-foot	0- to 3-foot	1- to 3-foot	1- to 6-foot
K10-13-1	Soil Ingestion	1.2E-06	1.4E-06	**NR**	3.5E-07	0.0080	0.040	**NR**	0.012
Commercial	Dermal Exposure	4.8E-07	5.9E-07	**NR**	6.0E-07	0.0032	0.024	**NR**	0.022
	Total	**1.7E-06**	**2.0E-06**	**NR**	**9.5E-07**	**0.011**	**0.064**	**NR**	**0.035**
K10-12-1	Soil Ingestion	9.3E-07	1.5E-06	**NR**	4.3E-07	0.0033	0.0030	**NR**	0.00023
Commercial	Dermal Exposure	4.5E-07	9.7E-07	**NR**	1.0E-06	0.00066	0.00059	**NR**	0.00013
	Total	**1.4E-06**	**2.5E-06**	**NR**	**1.4E-06**	**0.0040**	**0.0035**	**NR**	**0.00036**
K10-11-1	Soil Ingestion	1.2E-06	1.1E-06	**NR**	1.6E-07	0.0031	0.0025	**NR**	0.00044
Commercial	Dermal Exposure	7.2E-07	7.1E-07	**NR**	2.6E-07	0.00061	0.00050	**NR**	0.00025
	Total	**1.9E-06**	**1.9E-06**	**NR**	**4.2E-07**	**0.0037**	**0.0030**	**NR**	**0.00069**
K10-11-2	Soil Ingestion	3.5E-06	3.8E-06	**NR**	5.9E-07	0.0023	0.0023	**NR**	0.00051
Commercial	Dermal Exposure	2.8E-06	3.0E-06	**NR**	1.3E-06	0.00046	0.00046	**NR**	0.00029
	Total	**6.3E-06**	**6.8E-06**	**NR**	**1.9E-06**	**0.0028**	**0.0028**	**NR**	**0.00080**
K10-11-3	Soil Ingestion	3.1E-06	3.2E-06	**NR**	4.8E-07	0.0027	0.0028	**NR**	0.00044
Commerial	Dermal Exposure	2.4E-06	2.5E-06	**NR**	1.1E-06	0.00054	0.00055	**NR**	0.00025
	Total	**5.5E-06**	**5.7E-06**	**NR**	**1.5E-06**	**0.0033**	**0.0033**	**NR**	**0.00069**
K10-11-5	Soil Ingestion	1.6E-06	1.3E-06	**NR**	7.3E-08	0.0029	2.6E-03	**NR**	0.00028
Commercial	Dermal Exposure	1.1E-06	8.8E-07	**NR**	9.5E-08	0.00057	5.1E-04	**NR**	0.00016
	Total	**2.7E-06**	**2.2E-06**	**NR**	**1.7E-07**	**0.0035**	**0.0031**	**NR**	**0.00045**
Averaging Area R1	Soil Ingestion	2.7E-06	2.4E-06	**NR**	**NR**	0.023	0.021	**NR**	**NR**
Recreational	Dermal Exposure	1.9E-06	1.7E-06	**NR**	**NR**	0.004	0.0037	**NR**	**NR**
	Total	**4.5E-06**	**4.1E-06**	**NR**	**NR**	**0.028**	**0.025**	**NR**	**NR**
Averaging Area R2	Soil Ingestion	2.7E-06	2.4E-06	**NR**	**NR**	0.021	0.022	**NR**	**NR**
Recreational	Dermal Exposure	2.0E-06	1.7E-06	**NR**	**NR**	0.004	0.0040	**NR**	**NR**
	Total	**4.7E-06**	**4.1E-06**	**NR**	**NR**	**0.025**	**0.026**	**NR**	**NR**
Averaging Area R3A	Soil Ingestion	2.1E-06	2.6E-06	**NR**	**NR**	0.035	0.030	**NR**	**NR**
Recreational	Dermal Exposure	1.3E-06	1.7E-06	**NR**	**NR**	0.0061	0.0052	**NR**	**NR**
	Total	**3.4E-06**	**4.3E-06**	**NR**	**NR**	**0.041**	**0.035**	**NR**	**NR**
Averaging Area R3B	Soil Ingestion	3.8E-06	2.8E-06	1.8E-06	**NR**	0.026	0.025	0.025	**NR**
Recreational	Dermal Exposure	3.0E-06	1.9E-06	9.4E-07	**NR**	0.004	0.0044	0.0043	**NR**
	Total	**6.7E-06**	**4.7E-06**	**2.7E-06**	**NR**	**0.030**	**0.030**	**0.029**	**NR**

Notes:
"NR" Indicates not relevant for this averaging area.

Attachment A

Risk Calculations for the Averaging Areas at the Former Oxbow Areas J and K

Table A1a - Parcel K10-13-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.48	50	1.0	84	25	1E-06	70	25,550	2.8E-08	0.73	2.1E-08
Benzo(a)pyrene	0.43	50	1.0	84	25	1E-06	70	25,550	2.5E-08	7.3	1.8E-07
Benzo(b)fluoranthene	0.47	50	1.0	84	25	1E-06	70	25,550	2.8E-08	0.73	2.0E-08
Dibenzo(a,h)anthracene	0.31	50	1.0	84	25	1E-06	70	25,550	1.8E-08	7.3	1.3E-07
Arsenic	9.67	50	1.0	84	25	1E-06	70	25,550	5.7E-07	1.5	8.5E-07
										Total	**1.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Antimony	6.00	50	1.0	84	25	1E-06	70	9,125	9.9E-07	0.0004	2.5E-03
Arsenic	9.67	50	1.0	84	25	1E-06	70	9,125	1.6E-06	0.0003	5.3E-03
Cyanide	30.22	50	1.0	84	25	1E-06	70	9,125	5.0E-06	0.02	2.5E-04
										Total	**8.0E-03**

Table A1b - Parcel K10-13-1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.48	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.4E-08	0.73	1.8E-08
Benzo(a)pyrene	0.43	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.2E-08	7.3	1.6E-07
Benzo(b)fluoranthene	0.47	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.4E-08	0.73	1.7E-08
Dibenzo(a,h)anthracene	0.31	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.6E-08	7.3	1.1E-07
Arsenic	9.67	0.1	3,300	0.03	84	25	1E-06	70	25,550	1.1E-07	1.5	1.7E-07
											Total	**4.8E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Antimony	6.00	0.1	3,300	0.1	84	25	1E-06	70	9,125	6.5E-07	0.0004	1.6E-03
Arsenic	9.67	0.1	3,300	0.03	84	25	1E-06	70	9,125	3.1E-07	0.0003	1.0E-03
Cyanide	30.22	0.1	3,300	0.3	84	25	1E-06	70	9,125	9.8E-06	0.02	4.9E-04
											Total	**3.2E-03**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	2.1E-08	1.8E-08	3.8E-08
	Benzo(a)pyrene	1.8E-07	1.6E-07	3.4E-07
	Benzo(b)fluoranthene	2.0E-08	1.7E-08	3.7E-08
	Dibenzo(a,h)anthracene	1.3E-07	1.1E-07	2.5E-07
	Arsenic	8.5E-07	1.7E-07	1.0E-06
	Total	**1.2E-06**	**4.8E-07**	**1.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Antimony	2.5E-03	1.6E-03	4.1E-03
	Arsenic	5.3E-03	1.0E-03	6.3E-03
	Cyanide	2.5E-04	4.9E-04	7.4E-04
	Total	**0.0080**	**0.0032**	**0.011**

Table A2a - Parcel K10-13-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.66	50	1.0	84	25	1E-06	70	25,550	3.9E-08	0.73	2.8E-08
Benzo(a)pyrene	0.68	50	1.0	84	25	1E-06	70	25,550	4.0E-08	7.3	2.9E-07
Benzo(b)fluoranthene	0.68	50	1.0	84	25	1E-06	70	25,550	4.0E-08	0.73	2.9E-08
Dibenzo(a,h)anthracene	0.31	50	1.0	84	25	1E-06	70	25,550	1.8E-08	7.3	1.3E-07
Arsenic	10.18	50	1.0	84	25	1E-06	70	25,550	6.0E-07	1.5	9.0E-07
										Total	**1.4E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Antimony	82.80	50	1.0	84	25	1E-06	70	9,125	1.4E-05	0.0004	3.4E-02
Arsenic	10.18	50	1.0	84	25	1E-06	70	9,125	1.7E-06	0.0003	5.6E-03
Cyanide	20.25	50	1.0	84	25	1E-06	70	9,125	3.3E-06	0.02	1.7E-04
										Total	**4.0E-02**

Table A2b - Parcel K10-13-1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.66	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.3E-08	0.73	2.4E-08
Benzo(a)pyrene	0.68	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.4E-08	7.3	2.5E-07
Benzo(b)fluoranthene	0.68	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.4E-08	0.73	2.5E-08
Dibenzo(a,h)anthracene	0.31	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.6E-08	7.3	1.1E-07
Arsenic	10.18	0.1	3,300	0.03	84	25	1E-06	70	25,550	1.2E-07	1.5	1.8E-07
											Total	**5.9E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Antimony	82.80	0.1	3,300	0.1	84	25	1E-06	70	9,125	9.0E-06	0.0004	2.2E-02
Arsenic	10.18	0.1	3,300	0.03	84	25	1E-06	70	9,125	3.3E-07	0.0003	1.1E-03
Cyanide	20.25	0.1	3,300	0.3	84	25	1E-06	70	9,125	6.6E-06	0.02	3.3E-04
											Total	**2.4E-02**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	2.8E-08	2.4E-08	5.3E-08
	Benzo(a)pyrene	2.9E-07	2.5E-07	5.4E-07
	Benzo(b)fluoranthene	2.9E-08	2.5E-08	5.4E-08
	Dibenzo(a,h)anthracene	1.3E-07	1.1E-07	2.5E-07
	Arsenic	9.0E-07	1.8E-07	1.1E-06
	Total	**1.4E-06**	**5.9E-07**	**2.0E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Antimony	3.4E-02	2.2E-02	5.6E-02
	Arsenic	5.6E-03	1.1E-03	6.7E-03
	Cyanide	1.7E-04	3.3E-04	5.0E-04
	Total	**0.040**	**0.024**	**0.064**

Table A3a - Parcel K10-13-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 6-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	2.72	137	1.0	5	25	1E-06	70	25,550	2.6E-08	0.73	1.9E-08
Benzo(a)pyrene	2.16	137	1.0	5	25	1E-06	70	25,550	2.1E-08	7.3	1.5E-07
Benzo(b)fluoranthene	2.02	137	1.0	5	25	1E-06	70	25,550	1.9E-08	0.73	1.4E-08
Dibenzo(a,h)anthracene	0.37	137	1.0	5	25	1E-06	70	25,550	3.5E-09	7.3	2.6E-08
Arsenic	9.47	137	1.0	5	25	1E-06	70	25,550	9.1E-08	1.5	1.4E-07
										Total	**3.5E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Antimony	170	137	1.0	5	25	1E-06	70	9,125	4.6E-06	0.0004	1.1E-02
Arsenic	9.47	137	1.0	5	25	1E-06	70	9,125	2.5E-07	0.0003	8.5E-04
Cyanide	0.3	137	1.0	5	25	1E-06	70	9,125	8.0E-09	0.02	4.0E-07
										Total	**1.2E-02**

Table A3b - Parcel K10-13-1: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Soil
Pathway: Dermal Contact
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	2.72	0.8	3,300	0.13	5	25	1E-06	70	25,550	6.5E-08	0.73	4.8E-08
Benzo(a)pyrene	2.16	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.2E-08	7.3	3.8E-07
Benzo(b)fluoranthene	2.02	0.8	3,300	0.13	5	25	1E-06	70	25,550	4.8E-08	0.73	3.5E-08
Dibenzo(a,h)anthracene	0.37	0.8	3,300	0.13	5	25	1E-06	70	25,550	8.9E-09	7.3	6.5E-08
Arsenic	9.47	0.8	3,300	0.03	5	25	1E-06	70	25,550	5.2E-08	1.5	7.9E-08
											Total	**6.0E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Antimony	170	0.8	3,300	0.1	5	25	1E-06	70	9,125	8.8E-06	0.0004	2.2E-02
Arsenic	9.47	0.8	3,300	0.03	5	25	1E-06	70	9,125	1.5E-07	0.0003	4.9E-04
Cyanide	0.3	0.8	3,300	0.3	5	25	1E-06	70	9,125	4.6E-08	0.02	2.3E-06
											Total	**2.2E-02**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	1.9E-08	4.8E-08	6.7E-08
	Benzo(a)pyrene	1.5E-07	3.8E-07	5.3E-07
	Benzo(b)fluoranthene	1.4E-08	3.5E-08	4.9E-08
	Dibenzo(a,h)anthracene	2.6E-08	6.5E-08	9.1E-08
	Arsenic	1.4E-07	7.9E-08	2.1E-07
	Total	**3.5E-07**	**6.0E-07**	**9.5E-07**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Antimony	1.1E-02	2.2E-02	3.3E-02
	Arsenic	8.5E-04	4.9E-04	1.3E-03
	Cyanide	4.0E-07	2.3E-06	2.7E-06
	Total	**0.012**	**0.022**	**0.035**

Table A4a - Parcel K10-12-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.46	50	1.0	84	25	1E-06	70	25,550	2.7E-08	0.73	2.0E-08
Benzo(a)pyrene	0.51	50	1.0	84	25	1E-06	70	25,550	3.0E-08	7.3	2.2E-07
Benzo(b)fluoranthene	0.51	50	1.0	84	25	1E-06	70	25,550	3.0E-08	0.73	2.2E-08
Dibenzo(a,h)anthracene	0.33	50	1.0	84	25	1E-06	70	25,550	1.9E-08	7.3	1.4E-07
Arsenic	6.05	50	1.0	84	25	1E-06	70	25,550	3.6E-07	1.5	5.3E-07
										Total	**9.3E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	6.05	50	1.0	84	25	1E-06	70	9,125	9.9E-07	0.0003	3.3E-03
										Total	**3.3E-03**

Table A4b - Parcel K10-12-1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.46	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.3E-08	0.73	1.7E-08
Benzo(a)pyrene	0.51	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.6E-08	7.3	1.9E-07
Benzo(b)fluoranthene	0.51	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.6E-08	0.73	1.9E-08
Dibenzo(a,h)anthracene	0.33	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.7E-08	7.3	1.2E-07
Arsenic	6.05	0.1	3,300	0.03	84	25	1E-06	70	25,550	7.0E-08	1.5	1.1E-07
											Total	**4.5E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	6.05	0.1	3,300	0.03	84	25	1E-06	70	9,125	2.0E-07	0.0003	6.6E-04
											Total	**6.6E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	2.0E-08	1.7E-08	3.7E-08
	Benzo(a)pyrene	2.2E-07	1.9E-07	4.1E-07
	Benzo(b)fluoranthene	2.2E-08	1.9E-08	4.1E-08
	Dibenzo(a,h)anthracene	1.4E-07	1.2E-07	2.6E-07
	Arsenic	5.3E-07	1.1E-07	6.4E-07
	Total	**9.3E-07**	**4.5E-07**	**1.4E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	3.3E-03	6.6E-04	4.0E-03
	Total	**0.0033**	**0.00066**	**0.0040**

Table A5a - Parcel K10-12-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.64	50	1.0	84	25	1E-06	70	25,550	9.6E-08	0.73	7.0E-08
Benzo(a)pyrene	1.70	50	1.0	84	25	1E-06	70	25,550	1.0E-07	7.3	7.3E-07
Benzo(b)fluoranthene	1.67	50	1.0	84	25	1E-06	70	25,550	9.8E-08	0.73	7.2E-08
Dibenzo(a,h)anthracene	0.35	50	1.0	84	25	1E-06	70	25,550	2.1E-08	7.3	1.5E-07
Arsenic	5.40	50	1.0	84	25	1E-06	70	25,550	3.2E-07	1.5	4.8E-07
										Total	**1.5E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.40	50	1.0	84	25	1E-06	70	9,125	8.9E-07	0.0003	3.0E-03
										Total	**3.0E-03**

Table A5b - Parcel K10-12-1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.64	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.3E-08	0.73	6.0E-08
Benzo(a)pyrene	1.70	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.6E-08	7.3	6.3E-07
Benzo(b)fluoranthene	1.67	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.4E-08	0.73	6.1E-08
Dibenzo(a,h)anthracene	0.35	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.8E-08	7.3	1.3E-07
Arsenic	5.40	0.1	3,300	0.03	84	25	1E-06	70	25,550	6.3E-08	1.5	9.4E-08
											Total	**9.7E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.40	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.8E-07	0.0003	5.9E-04
											Total	**5.9E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	7.0E-08	6.0E-08	1.3E-07
	Benzo(a)pyrene	7.3E-07	6.3E-07	1.4E-06
	Benzo(b)fluoranthene	7.2E-08	6.1E-08	1.3E-07
	Dibenzo(a,h)anthracene	1.5E-07	1.3E-07	2.8E-07
	Arsenic	4.8E-07	9.4E-08	5.7E-07
	Total	**1.5E-06**	**9.7E-07**	**2.5E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	3.0E-03	5.9E-04	3.5E-03
	Total	**0.0030**	**0.00059**	**0.0035**

Table A6a - Parcel K10-12-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 6-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	2.87	137	1.0	5	25	1E-06	70	25,550	2.7E-08	0.73	2.0E-08
Benzo(a)pyrene	2.88	137	1.0	5	25	1E-06	70	25,550	2.8E-08	7.3	2.0E-07
Benzo(b)fluoranthene	3.04	137	1.0	5	25	1E-06	70	25,550	2.9E-08	0.73	2.1E-08
Dibenzo(a,h)anthracene	2.14	137	1.0	5	25	1E-06	70	25,550	2.0E-08	7.3	1.5E-07
Arsenic	2.57	137	1.0	5	25	1E-06	70	25,550	2.5E-08	1.5	3.7E-08
										Total	**4.3E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	2.57	137	1.0	5	25	1E-06	70	9,125	6.9E-08	0.0003	2.3E-04
										Total	**2.3E-04**

Table A6b - Parcel K10-12-1: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Soil
Pathway: Dermal Contact
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	2.87	0.8	3,300	0.13	5	25	1E-06	70	25,550	6.9E-08	0.73	5.0E-08
Benzo(a)pyrene	2.88	0.8	3,300	0.13	5	25	1E-06	70	25,550	6.9E-08	7.3	5.0E-07
Benzo(b)fluoranthene	3.04	0.8	3,300	0.13	5	25	1E-06	70	25,550	7.3E-08	0.73	5.3E-08
Dibenzo(a,h)anthracene	2.14	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.1E-08	7.3	3.7E-07
Arsenic	2.57	0.8	3,300	0.03	5	25	1E-06	70	25,550	1.4E-08	1.5	2.1E-08
											Total	**1.0E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	2.57	0.8	3,300	0.03	5	25	1E-06	70	9,125	4.0E-08	0.0003	1.3E-04
											Total	**1.3E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	2.0E-08	5.0E-08	7.0E-08
	Benzo(a)pyrene	2.0E-07	5.0E-07	7.1E-07
	Benzo(b)fluoranthene	2.1E-08	5.3E-08	7.4E-08
	Dibenzo(a,h)anthracene	1.5E-07	3.7E-07	5.2E-07
	Arsenic	3.7E-08	2.1E-08	5.8E-08
	Total	**4.3E-07**	**1.0E-06**	**1.4E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.3E-04	1.3E-04	3.6E-04
	Total	**0.00023**	**0.00013**	**0.00036**

Table A7a - Parcel K10-11-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.16	50	1.0	84	25	1E-06	70	25,550	6.8E-08	0.73	5.0E-08
Benzo(a)pyrene	1.01	50	1.0	84	25	1E-06	70	25,550	5.9E-08	7.3	4.3E-07
Benzo(b)fluoranthene	0.96	50	1.0	84	25	1E-06	70	25,550	5.6E-08	0.73	4.1E-08
Dibenzo(a,h)anthracene	0.40	50	1.0	84	25	1E-06	70	25,550	2.3E-08	7.3	1.7E-07
Indeno(1,2,3-cd)pyrene	0.60	50	1.0	84	25	1E-06	70	25,550	3.5E-08	0.73	2.6E-08
Arsenic	5.58	50	1.0	84	25	1E-06	70	25,550	3.3E-07	1.5	4.9E-07
										Total	**1.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.58	50	1.0	84	25	1E-06	70	9,125	9.2E-07	0.0003	3.1E-03
										Total	**3.1E-03**

Table A7b - Parcel K10-11-1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.16	0.1	3,300	0.13	84	25	1E-06	70	25,550	5.8E-08	0.73	4.3E-08
Benzo(a)pyrene	1.01	0.1	3,300	0.13	84	25	1E-06	70	25,550	5.1E-08	7.3	3.7E-07
Benzo(b)fluoranthene	0.96	0.1	3,300	0.13	84	25	1E-06	70	25,550	4.8E-08	0.73	3.5E-08
Dibenzo(a,h)anthracene	0.40	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.0E-08	7.3	1.5E-07
Indeno(1,2,3-cd)pyrene	0.60	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.0E-08	0.73	2.2E-08
Arsenic	5.58	0.1	3,300	0.03	84	25	1E-06	70	25,550	6.5E-08	1.5	9.7E-08
											Total	**7.2E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.58	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.8E-07	0.0003	6.1E-04
											Total	**6.1E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	5.0E-08	4.3E-08	9.2E-08
	Benzo(a)pyrene	4.3E-07	3.7E-07	8.0E-07
	Benzo(b)fluoranthene	4.1E-08	3.5E-08	7.6E-08
	Dibenzo(a,h)anthracene	1.7E-07	1.5E-07	3.2E-07
	Indeno(1,2,3-cd)pyrene	2.6E-08	2.2E-08	4.8E-08
	Arsenic	4.9E-07	9.7E-08	5.9E-07
	Total	**1.2E-06**	**7.2E-07**	**1.9E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	3.1E-03	6.1E-04	3.7E-03
	Total	**0.0031**	**0.00061**	**0.0037**

Table A8a - Parcel K10-11-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.21	50	1.0	84	25	1E-06	70	25,550	7.1E-08	0.73	5.2E-08
Benzo(a)pyrene	1.07	50	1.0	84	25	1E-06	70	25,550	6.3E-08	7.3	4.6E-07
Benzo(b)fluoranthene	0.99	50	1.0	84	25	1E-06	70	25,550	5.8E-08	0.73	4.2E-08
Dibenzo(a,h)anthracene	0.36	50	1.0	84	25	1E-06	70	25,550	2.1E-08	7.3	1.5E-07
Indeno(1,2,3-cd)pyrene	0.66	50	1.0	84	25	1E-06	70	25,550	3.9E-08	0.73	2.8E-08
Arsenic	4.60	50	1.0	84	25	1E-06	70	25,550	2.7E-07	1.5	4.1E-07
										Total	**1.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.60	50	1.0	84	25	1E-06	70	9,125	7.6E-07	0.0003	2.5E-03
										Total	**2.5E-03**

Table A8b - Parcel K10-11-1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.21	0.1	3,300	0.13	84	25	1E-06	70	25,550	6.1E-08	0.73	4.4E-08
Benzo(a)pyrene	1.07	0.1	3,300	0.13	84	25	1E-06	70	25,550	5.4E-08	7.3	3.9E-07
Benzo(b)fluoranthene	0.99	0.1	3,300	0.13	84	25	1E-06	70	25,550	5.0E-08	0.73	3.6E-08
Dibenzo(a,h)anthracene	0.36	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.8E-08	7.3	1.3E-07
Indeno(1,2,3-cd)pyrene	0.66	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.3E-08	0.73	2.4E-08
Arsenic	4.60	0.1	3,300	0.03	84	25	1E-06	70	25,550	5.3E-08	1.5	8.0E-08
											Total	**7.1E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.60	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.5E-07	0.0003	5.0E-04
											Total	**5.0E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	5.2E-08	4.4E-08	9.6E-08
	Benzo(a)pyrene	4.6E-07	3.9E-07	8.5E-07
	Benzo(b)fluoranthene	4.2E-08	3.6E-08	7.9E-08
	Dibenzo(a,h)anthracene	1.5E-07	1.3E-07	2.9E-07
	Indeno(1,2,3-cd)pyrene	2.8E-08	2.4E-08	5.3E-08
	Arsenic	4.1E-07	8.0E-08	4.9E-07
	Total	**1.1E-06**	**7.1E-07**	**1.9E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.5E-03	5.0E-04	3.0E-03
	Total	**0.0025**	**0.00050**	**0.0030**

Table A9a - Parcel K10-11-1: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 6-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.86	137	1.0	5	25	1E-06	70	25,550	8.2E-09	0.73	6.0E-09
Benzo(a)pyrene	0.80	137	1.0	5	25	1E-06	70	25,550	7.7E-09	7.3	5.6E-08
Benzo(b)fluoranthene	0.70	137	1.0	5	25	1E-06	70	25,550	6.7E-09	0.73	4.9E-09
Dibenzo(a,h)anthracene	0.24	137	1.0	5	25	1E-06	70	25,550	2.3E-09	7.3	1.7E-08
Indeno(1,2,3-cd)pyrene	0.53	137	1.0	5	25	1E-06	70	25,550	5.1E-09	0.73	3.7E-09
Arsenic	4.90	137	1.0	5	25	1E-06	70	25,550	4.7E-08	1.5	7.0E-08
										Total	**1.6E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.90	137	1.0	5	25	1E-06	70	9,125	1.3E-07	0.0003	4.4E-04
										Total	**4.4E-04**

Table A9b - Parcel K10-11-1: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Soil
Pathway: Dermal Contact
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.86	0.8	3,300	0.13	5	25	1E-06	70	25,550	2.1E-08	0.73	1.5E-08
Benzo(a)pyrene	0.80	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.9E-08	7.3	1.4E-07
Benzo(b)fluoranthene	0.70	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.7E-08	0.73	1.2E-08
Dibenzo(a,h)anthracene	0.24	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.8E-09	7.3	4.2E-08
Indeno(1,2,3-cd)pyrene	0.53	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.3E-08	0.73	9.3E-09
Arsenic	4.90	0.8	3,300	0.03	5	25	1E-06	70	25,550	2.7E-08	1.5	4.1E-08
											Total	**2.6E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.90	0.8	3,300	0.03	5	25	1E-06	70	9,125	7.6E-08	0.0003	2.5E-04
											Total	**2.5E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	6.0E-09	1.5E-08	2.1E-08
	Benzo(a)pyrene	5.6E-08	1.4E-07	2.0E-07
	Benzo(b)fluoranthene	4.9E-09	1.2E-08	1.7E-08
	Dibenzo(a,h)anthracene	1.7E-08	4.2E-08	5.9E-08
	Indeno(1,2,3-cd)pyrene	3.7E-09	9.3E-09	1.3E-08
	Arsenic	7.0E-08	4.1E-08	1.1E-07
	Total	**1.6E-07**	**2.6E-07**	**4.2E-07**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	4.4E-04	2.5E-04	6.9E-04
	Total	**0.00044**	**0.00025**	**0.00069**

Table A10a - Parcel K10-11-2: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	3.11	50	1.0	84	25	1E-06	70	25,550	1.8E-07	0.73	1.3E-07
Benzo(a)pyrene	3.00	50	1.0	84	25	1E-06	70	25,550	1.8E-07	7.3	1.3E-06
Benzo(b)fluoranthene	3.36	50	1.0	84	25	1E-06	70	25,550	2.0E-07	0.73	1.4E-07
Benzo(k)fluoranthene	2.18	50	1.0	84	25	1E-06	70	25,550	1.3E-07	0.073	9.3E-09
Dibenzo(a,h)anthracene	0.91	50	1.0	84	25	1E-06	70	25,550	5.3E-08	7.3	3.9E-07
Indeno(1,2,3-cd)pyrene	1.50	50	1.0	84	25	1E-06	70	25,550	8.8E-08	0.73	6.4E-08
3-Methylcholanthrene	2.63	50	1.0	84	25	1E-06	70	25,550	1.5E-07	7.3	1.1E-06
Arsenic	4.20	50	1.0	84	25	1E-06	70	25,550	2.5E-07	1.5	3.7E-07
										Total	**3.5E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.20	50	1.0	84	25	1E-06	70	9,125	6.9E-07	0.0003	2.3E-03
										Total	**2.3E-03**

Table A10b - Parcel K10-11-2: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	3.11	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.6E-07	0.73	1.1E-07
Benzo(a)pyrene	3.00	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.5E-07	7.3	1.1E-06
Benzo(b)fluoranthene	3.36	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.7E-07	0.73	1.2E-07
Benzo(k)fluoranthene	2.18	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.1E-07	0.073	8.0E-09
Dibenzo(a,h)anthracene	0.91	0.1	3,300	0.13	84	25	1E-06	70	25,550	4.6E-08	7.3	3.3E-07
Indeno(1,2,3-cd)pyrene	1.50	0.1	3,300	0.13	84	25	1E-06	70	25,550	7.6E-08	0.73	5.5E-08
3-Methylcholanthrene	2.63	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.3E-07	7.3	9.7E-07
Arsenic	4.20	0.1	3,300	0.03	84	25	1E-06	70	25,550	4.9E-08	1.5	7.3E-08
											Total	**2.8E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.20	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.4E-07	0.0003	4.6E-04
											Total	**4.6E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	1.3E-07	1.1E-07	2.5E-07
	Benzo(a)pyrene	1.3E-06	1.1E-06	2.4E-06
	Benzo(b)fluoranthene	1.4E-07	1.2E-07	2.7E-07
	Benzo(k)fluoranthene	9.3E-09	8.0E-09	1.7E-08
	Dibenzo(a,h)anthracene	3.9E-07	3.3E-07	7.2E-07
	Indeno(1,2,3-cd)pyrene	6.4E-08	5.5E-08	1.2E-07
	3-Methylcholanthrene	1.1E-06	9.7E-07	2.1E-06
	Arsenic	3.7E-07	7.3E-08	4.4E-07
	Total	**3.5E-06**	**2.8E-06**	**6.3E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.3E-03	4.6E-04	2.8E-03
	Total	**0.0023**	**0.00046**	**0.0028**

Table A11a - Parcel K10-11-2: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	4.49	50	1.0	84	25	1E-06	70	25,550	2.6E-07	0.73	1.9E-07
Benzo(a)pyrene	3.60	50	1.0	84	25	1E-06	70	25,550	2.1E-07	7.3	1.5E-06
Benzo(b)fluoranthene	3.88	50	1.0	84	25	1E-06	70	25,550	2.3E-07	0.73	1.7E-07
Benzo(k)fluoranthene	3.00	50	1.0	84	25	1E-06	70	25,550	1.8E-07	0.073	1.3E-08
Dibenzo(a,h)anthracene	0.99	50	1.0	84	25	1E-06	70	25,550	5.8E-08	7.3	4.2E-07
Indeno(1,2,3-cd)pyrene	1.77	50	1.0	84	25	1E-06	70	25,550	1.0E-07	0.73	7.6E-08
3-Methylcholanthrene	2.38	50	1.0	84	25	1E-06	70	25,550	1.4E-07	7.3	1.0E-06
Arsenic	4.21	50	1.0	84	25	1E-06	70	25,550	2.5E-07	1.5	3.7E-07
										Total	**3.8E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.21	50	1.0	84	25	1E-06	70	9,125	6.9E-07	0.0003	2.3E-03
										Total	**2.3E-03**

Table A11b - Parcel K10-11-2: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	4.49	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.3E-07	0.73	1.7E-07
Benzo(a)pyrene	3.60	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.8E-07	7.3	1.3E-06
Benzo(b)fluoranthene	3.88	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.0E-07	0.73	1.4E-07
Benzo(k)fluoranthene	3.00	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.5E-07	0.073	1.1E-08
Dibenzo(a,h)anthracene	0.99	0.1	3,300	0.13	84	25	1E-06	70	25,550	5.0E-08	7.3	3.6E-07
Indeno(1,2,3-cd)pyrene	1.77	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.9E-08	0.73	6.5E-08
3-Methylcholanthrene	2.38	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.2E-07	7.3	8.8E-07
Arsenic	4.21	0.1	3,300	0.03	84	25	1E-06	70	25,550	4.9E-08	1.5	7.3E-08
											Total	**3.0E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.21	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.4E-07	0.0003	4.6E-04
											Total	**4.6E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	1.9E-07	1.7E-07	3.6E-07
	Benzo(a)pyrene	1.5E-06	1.3E-06	2.9E-06
	Benzo(b)fluoranthene	1.7E-07	1.4E-07	3.1E-07
	Benzo(k)fluoranthene	1.3E-08	1.1E-08	2.4E-08
	Dibenzo(a,h)anthracene	4.2E-07	3.6E-07	7.9E-07
	Indeno(1,2,3-cd)pyrene	7.6E-08	6.5E-08	1.4E-07
	3-Methylcholanthrene	1.0E-06	8.8E-07	1.9E-06
	Arsenic	3.7E-07	7.3E-08	4.4E-07
	Total	**3.8E-06**	**3.0E-06**	**6.8E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.3E-03	4.6E-04	2.8E-03
	Total	**0.0023**	**0.00046**	**0.0028**

Table A12a - Parcel K10-11-2: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 6-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	4.71	137	1.0	5	25	1E-06	70	25,550	4.5E-08	0.73	3.3E-08
Benzo(a)pyrene	3.40	137	1.0	5	25	1E-06	70	25,550	3.3E-08	7.3	2.4E-07
Benzo(b)fluoranthene	3.01	137	1.0	5	25	1E-06	70	25,550	2.9E-08	0.73	2.1E-08
Benzo(k)fluoranthene	3.20	137	1.0	5	25	1E-06	70	25,550	3.1E-08	0.073	2.2E-09
Dibenzo(a,h)anthracene	0.88	137	1.0	5	25	1E-06	70	25,550	8.4E-09	7.3	6.2E-08
Indeno(1,2,3-cd)pyrene	2.07	137	1.0	5	25	1E-06	70	25,550	2.0E-08	0.73	1.4E-08
3-Methylcholanthrene	1.96	137	1.0	5	25	1E-06	70	25,550	1.9E-08	7.3	1.4E-07
Arsenic	5.70	137	1.0	5	25	1E-06	70	25,550	5.5E-08	1.5	8.2E-08
										Total	**5.9E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.70	137	1.0	5	25	1E-06	70	9,125	1.5E-07	0.0003	5.1E-04
										Total	**5.1E-04**

Table A12b - Parcel 10-11-2: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Soil
Pathway: Dermal Contact
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	4.71	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.1E-07	0.73	8.2E-08
Benzo(a)pyrene	3.40	0.8	3,300	0.13	5	25	1E-06	70	25,550	8.2E-08	7.3	6.0E-07
Benzo(b)fluoranthene	3.01	0.8	3,300	0.13	5	25	1E-06	70	25,550	7.2E-08	0.73	5.3E-08
Benzo(k)fluoranthene	3.20	0.8	3,300	0.13	5	25	1E-06	70	25,550	7.7E-08	0.073	5.6E-09
Dibenzo(a,h)anthracene	0.88	0.8	3,300	0.13	5	25	1E-06	70	25,550	2.1E-08	7.3	1.5E-07
Indeno(1,2,3-cd)pyrene	2.07	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.0E-08	0.73	3.6E-08
3-Methylcholanthrene	1.96	0.8	3,300	0.13	5	25	1E-06	70	25,550	4.7E-08	7.3	3.4E-07
Arsenic	5.70	0.8	3,300	0.03	5	25	1E-06	70	25,550	3.2E-08	1.5	4.7E-08
											Total	**1.3E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.70	0.8	3,300	0.03	5	25	1E-06	70	9,125	8.8E-08	0.0003	2.9E-04
											Total	**2.9E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	3.3E-08	8.2E-08	1.2E-07
	Benzo(a)pyrene	2.4E-07	6.0E-07	8.3E-07
	Benzo(b)fluoranthene	2.1E-08	5.3E-08	7.4E-08
	Benzo(k)fluoranthene	2.2E-09	5.6E-09	7.8E-09
	Dibenzo(a,h)anthracene	6.2E-08	1.5E-07	2.2E-07
	Indeno(1,2,3-cd)pyrene	1.4E-08	3.6E-08	5.1E-08
	3-Methylcholanthrene	1.4E-07	3.4E-07	4.8E-07
	Arsenic	8.2E-08	4.7E-08	1.3E-07
	Total	**5.9E-07**	**1.3E-06**	**1.9E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	5.1E-04	2.9E-04	8.0E-04
	Total	**0.00051**	**0.00029**	**0.00080**

Table A13a - Parcel K10-11-3: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	3.90	50	1.0	84	25	1E-06	70	25,550	2.3E-07	0.73	1.7E-07
Benzo(a)pyrene	4.71	50	1.0	84	25	1E-06	70	25,550	2.8E-07	7.3	2.0E-06
Benzo(b)fluoranthene	4.44	50	1.0	84	25	1E-06	70	25,550	2.6E-07	0.73	1.9E-07
Benzo(k)fluoranthene	4.80	50	1.0	84	25	1E-06	70	25,550	2.8E-07	0.073	2.1E-08
Dibenzo(a,h)anthracene	0.49	50	1.0	84	25	1E-06	70	25,550	2.9E-08	7.3	2.1E-07
Indeno(1,2,3-cd)pyrene	2.00	50	1.0	84	25	1E-06	70	25,550	1.2E-07	0.73	8.6E-08
Arsenic	5.00	50	1.0	84	25	1E-06	70	25,550	2.9E-07	1.5	4.4E-07
										Total	**3.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.00	50	1.0	84	25	1E-06	70	9,125	8.2E-07	0.0003	2.7E-03
										Total	**2.7E-03**

Table A13b - Parcel K10-11-3: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	3.90	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.0E-07	0.73	1.4E-07
Benzo(a)pyrene	4.71	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.4E-07	7.3	1.7E-06
Benzo(b)fluoranthene	4.44	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.2E-07	0.73	1.6E-07
Benzo(k)fluoranthene	4.80	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.4E-07	0.073	1.8E-08
Dibenzo(a,h)anthracene	0.49	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.5E-08	7.3	1.8E-07
Indeno(1,2,3-cd)pyrene	2.00	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.0E-07	0.73	7.4E-08
Arsenic	5.00	0.1	3,300	0.03	84	25	1E-06	70	25,550	5.8E-08	1.5	8.7E-08
											Total	**2.4E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.00	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.6E-07	0.0003	5.4E-04
											Total	**5.4E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	1.7E-07	1.4E-07	3.1E-07
	Benzo(a)pyrene	2.0E-06	1.7E-06	3.8E-06
	Benzo(b)fluoranthene	1.9E-07	1.6E-07	3.5E-07
	Benzo(k)fluoranthene	2.1E-08	1.8E-08	3.8E-08
	Dibenzo(a,h)anthracene	2.1E-07	1.8E-07	3.9E-07
	Indeno(1,2,3-cd)pyrene	8.6E-08	7.4E-08	1.6E-07
	Arsenic	4.4E-07	8.7E-08	5.3E-07
	Total	**3.1E-06**	**2.4E-06**	**5.5E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.7E-03	5.4E-04	3.3E-03
	Total	**0.0027**	**0.00054**	**0.0033**

Table A14a - Parcel K10-11-3: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	4.43	50	1.0	84	25	1E-06	70	25,550	2.6E-07	0.73	1.9E-07
Benzo(a)pyrene	4.67	50	1.0	84	25	1E-06	70	25,550	2.7E-07	7.3	2.0E-06
Benzo(b)fluoranthene	4.08	50	1.0	84	25	1E-06	70	25,550	2.4E-07	0.73	1.7E-07
Benzo(k)fluoranthene	4.59	50	1.0	84	25	1E-06	70	25,550	2.7E-07	0.073	2.0E-08
Dibenzo(a,h)anthracene	0.65	50	1.0	84	25	1E-06	70	25,550	3.8E-08	7.3	2.8E-07
Indeno(1,2,3-cd)pyrene	2.26	50	1.0	84	25	1E-06	70	25,550	1.3E-07	0.73	9.7E-08
Arsenic	5.04	50	1.0	84	25	1E-06	70	25,550	3.0E-07	1.5	4.4E-07
										Total	**3.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.04	50	1.0	84	25	1E-06	70	9,125	8.3E-07	0.0003	2.8E-03
										Total	**2.8E-03**

Table A14b - Parcel K10-11-3: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	4.43	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.2E-07	0.73	1.6E-07
Benzo(a)pyrene	4.67	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.4E-07	7.3	1.7E-06
Benzo(b)fluoranthene	4.08	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.1E-07	0.73	1.5E-07
Benzo(k)fluoranthene	4.59	0.1	3,300	0.13	84	25	1E-06	70	25,550	2.3E-07	0.073	1.7E-08
Dibenzo(a,h)anthracene	0.65	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.3E-08	7.3	2.4E-07
Indeno(1,2,3-cd)pyrene	2.26	0.1	3,300	0.13	84	25	1E-06	70	25,550	1.1E-07	0.73	8.3E-08
Arsenic	5.04	0.1	3,300	0.03	84	25	1E-06	70	25,550	5.9E-08	1.5	8.8E-08
											Total	**2.5E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.04	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.6E-07	0.0003	5.5E-04
											Total	**5.5E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	1.9E-07	1.6E-07	3.5E-07
	Benzo(a)pyrene	2.0E-06	1.7E-06	3.7E-06
	Benzo(b)fluoranthene	1.7E-07	1.5E-07	3.2E-07
	Benzo(k)fluoranthene	2.0E-08	1.7E-08	3.7E-08
	Dibenzo(a,h)anthracene	2.8E-07	2.4E-07	5.2E-07
	Indeno(1,2,3-cd)pyrene	9.7E-08	8.3E-08	1.8E-07
	Arsenic	4.4E-07	8.8E-08	5.3E-07
	Total	**3.2E-06**	**2.5E-06**	**5.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.8E-03	5.5E-04	3.3E-03
	Total	**0.0028**	**0.00055**	**0.0033**

Table A15a - Parcel K10-11-3: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 6-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	5.11	137	1.0	5	25	1E-06	70	25,550	4.9E-08	0.73	3.6E-08
Benzo(a)pyrene	4.01	137	1.0	5	25	1E-06	70	25,550	3.8E-08	7.3	2.8E-07
Benzo(b)fluoranthene	2.87	137	1.0	5	25	1E-06	70	25,550	2.7E-08	0.73	2.0E-08
Benzo(k)fluoranthene	3.54	137	1.0	5	25	1E-06	70	25,550	3.4E-08	0.073	2.5E-09
Dibenzo(a,h)anthracene	0.73	137	1.0	5	25	1E-06	70	25,550	7.0E-09	7.3	5.1E-08
Indeno(1,2,3-cd)pyrene	2.41	137	1.0	5	25	1E-06	70	25,550	2.3E-08	0.73	1.7E-08
Arsenic	4.88	137	1.0	5	25	1E-06	70	25,550	4.7E-08	1.5	7.0E-08
										Total	**4.8E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.88	137	1.0	5	25	1E-06	70	9,125	1.3E-07	0.0003	4.4E-04
										Total	**4.4E-04**

Table A15b - Parcel 10-11-3: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Soil
Pathway: Dermal Contact
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	5.11	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.2E-07	0.73	8.9E-08
Benzo(a)pyrene	4.01	0.8	3,300	0.13	5	25	1E-06	70	25,550	9.6E-08	7.3	7.0E-07
Benzo(b)fluoranthene	2.87	0.8	3,300	0.13	5	25	1E-06	70	25,550	6.9E-08	0.73	5.0E-08
Benzo(k)fluoranthene	3.54	0.8	3,300	0.13	5	25	1E-06	70	25,550	8.5E-08	0.073	6.2E-09
Dibenzo(a,h)anthracene	0.73	0.8	3,300	0.13	5	25	1E-06	70	25,550	1.8E-08	7.3	1.3E-07
Indeno(1,2,3-cd)pyrene	2.41	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.8E-08	0.73	4.2E-08
Arsenic	4.88	0.8	3,300	0.03	5	25	1E-06	70	25,550	2.7E-08	1.5	4.1E-08
											Total	**1.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.88	0.8	3,300	0.03	5	25	1E-06	70	9,125	7.6E-08	0.0003	2.5E-04
											Total	**2.5E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	3.6E-08	8.9E-08	1.3E-07
	Benzo(a)pyrene	2.8E-07	7.0E-07	9.8E-07
	Benzo(b)fluoranthene	2.0E-08	5.0E-08	7.0E-08
	Benzo(k)fluoranthene	2.5E-09	6.2E-09	8.7E-09
	Dibenzo(a,h)anthracene	5.1E-08	1.3E-07	1.8E-07
	Indeno(1,2,3-cd)pyrene	1.7E-08	4.2E-08	5.9E-08
	Arsenic	7.0E-08	4.1E-08	1.1E-07
	Total	**4.8E-07**	**1.1E-06**	**1.5E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	4.4E-04	2.5E-04	6.9E-04
	Total	**0.00044**	**0.00025**	**0.00069**

Table A16a - Parcel K10-11-5: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.63	50	1.0	84	25	1E-06	70	25,550	9.6E-08	0.73	7.0E-08
Benzo(a)pyrene	1.65	50	1.0	84	25	1E-06	70	25,550	9.7E-08	7.3	7.1E-07
Benzo(b)fluoranthene	1.55	50	1.0	84	25	1E-06	70	25,550	9.1E-08	0.73	6.6E-08
Dibenzo(a,h)anthracene	0.71	50	1.0	84	25	1E-06	70	25,550	4.2E-08	7.3	3.0E-07
Arsenic	5.28	50	1.0	84	25	1E-06	70	25,550	3.1E-07	1.5	4.6E-07
										Total	**1.6E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.28	50	1.0	84	25	1E-06	70	9,125	8.7E-07	0.0003	2.9E-03
										Total	**2.9E-03**

Table A16b - Parcel K10-11-5: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.63	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.2E-08	0.73	6.0E-08
Benzo(a)pyrene	1.65	0.1	3,300	0.13	84	25	1E-06	70	25,550	8.3E-08	7.3	6.1E-07
Benzo(b)fluoranthene	1.55	0.1	3,300	0.13	84	25	1E-06	70	25,550	7.8E-08	0.73	5.7E-08
Dibenzo(a,h)anthracene	0.71	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.6E-08	7.3	2.6E-07
Arsenic	5.28	0.1	3,300	0.03	84	25	1E-06	70	25,550	6.1E-08	1.5	9.2E-08
											Total	**1.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.28	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.7E-07	0.0003	5.7E-04
											Total	**5.7E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	7.0E-08	6.0E-08	1.3E-07
	Benzo(a)pyrene	7.1E-07	6.1E-07	1.3E-06
	Benzo(b)fluoranthene	6.6E-08	5.7E-08	1.2E-07
	Dibenzo(a,h)anthracene	3.0E-07	2.6E-07	5.7E-07
	Arsenic	4.6E-07	9.2E-08	5.6E-07
	Total	**1.6E-06**	**1.1E-06**	**2.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.9E-03	5.7E-04	3.5E-03
	Total	**0.0029**	**0.00057**	**0.0035**

Table A17a - Parcel K10-11-5: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.30	50	1.0	84	25	1E-06	70	25,550	7.6E-08	0.73	5.6E-08
Benzo(a)pyrene	1.31	50	1.0	84	25	1E-06	70	25,550	7.7E-08	7.3	5.6E-07
Benzo(b)fluoranthene	1.23	50	1.0	84	25	1E-06	70	25,550	7.2E-08	0.73	5.3E-08
Dibenzo(a,h)anthracene	0.60	50	1.0	84	25	1E-06	70	25,550	3.5E-08	7.3	2.6E-07
Arsenic	4.71	50	1.0	84	25	1E-06	70	25,550	2.8E-07	1.5	4.1E-07
										Total	**1.3E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.71	50	1.0	84	25	1E-06	70	9,125	7.7E-07	0.0003	2.6E-03
										Total	**2.6E-03**

Table A17b - Parcel K10-11-5: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Groundskeeper

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.30	0.1	3,300	0.13	84	25	1E-06	70	25,550	6.5E-08	0.73	4.8E-08
Benzo(a)pyrene	1.31	0.1	3,300	0.13	84	25	1E-06	70	25,550	6.6E-08	7.3	4.8E-07
Benzo(b)fluoranthene	1.23	0.1	3,300	0.13	84	25	1E-06	70	25,550	6.2E-08	0.73	4.5E-08
Dibenzo(a,h)anthracene	0.60	0.1	3,300	0.13	84	25	1E-06	70	25,550	3.0E-08	7.3	2.2E-07
Arsenic	4.71	0.1	3,300	0.03	84	25	1E-06	70	25,550	5.5E-08	1.5	8.2E-08
											Total	**8.8E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.71	0.1	3,300	0.03	84	25	1E-06	70	9,125	1.5E-07	0.0003	5.1E-04
											Total	**5.1E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	5.6E-08	4.8E-08	1.0E-07
	Benzo(a)pyrene	5.6E-07	4.8E-07	1.0E-06
	Benzo(b)fluoranthene	5.3E-08	4.5E-08	9.8E-08
	Dibenzo(a,h)anthracene	2.6E-07	2.2E-07	4.8E-07
	Arsenic	4.1E-07	8.2E-08	5.0E-07
	Total	**1.3E-06**	**8.8E-07**	**2.2E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.6E-03	5.1E-04	3.1E-03
	Total	**0.0026**	**0.00051**	**0.0031**

Table A18a - Parcel K10-11-5: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 6-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.21	137	1.0	5	25	1E-06	70	25,550	2.0E-09	0.73	1.5E-09
Benzo(a)pyrene	0.20	137	1.0	5	25	1E-06	70	25,550	1.9E-09	7.3	1.4E-08
Benzo(b)fluoranthene	0.20	137	1.0	5	25	1E-06	70	25,550	1.9E-09	0.73	1.4E-09
Dibenzo(a,h)anthracene	0.15	137	1.0	5	25	1E-06	70	25,550	1.4E-09	7.3	1.0E-08
Arsenic	3.18	137	1.0	5	25	1E-06	70	25,550	3.0E-08	1.5	4.6E-08
										Total	**7.3E-08**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	3.18	137	1.0	5	25	1E-06	70	9,125	8.5E-08	0.0003	2.8E-04
										Total	**2.8E-04**

Table A18b - Parcel K10-11-5: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 6-Foot Soil
Pathway: Dermal Contact
Receptor: Utility Worker

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.21	0.8	3,300	0.13	5	25	1E-06	70	25,550	5.0E-09	0.73	3.7E-09
Benzo(a)pyrene	0.20	0.8	3,300	0.13	5	25	1E-06	70	25,550	4.8E-09	7.3	3.5E-08
Benzo(b)fluoranthene	0.20	0.8	3,300	0.13	5	25	1E-06	70	25,550	4.8E-09	0.73	3.5E-09
Dibenzo(a,h)anthracene	0.15	0.8	3,300	0.13	5	25	1E-06	70	25,550	3.6E-09	7.3	2.6E-08
Arsenic	3.18	0.8	3,300	0.03	5	25	1E-06	70	25,550	1.8E-08	1.5	2.6E-08
											Total	**9.5E-08**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	3.18	0.8	3,300	0.03	5	25	1E-06	70	9,125	4.9E-08	0.0003	1.6E-04
											Total	**1.6E-04**

Total Carcinogenic Risk		Ingestion	Dermal	Total
	Benzo(a)anthracene	1.5E-09	3.7E-09	5.1E-09
	Benzo(a)pyrene	1.4E-08	3.5E-08	4.9E-08
	Benzo(b)fluoranthene	1.4E-09	3.5E-09	4.9E-09
	Dibenzo(a,h)anthracene	1.0E-08	2.6E-08	3.7E-08
	Arsenic	4.6E-08	2.6E-08	7.2E-08
	Total	**7.3E-08**	**9.5E-08**	**1.7E-07**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
	Arsenic	2.8E-04	1.6E-04	4.5E-04
	Total	**0.00028**	**0.00016**	**0.00045**

Table 19a - Recreational Area R1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.70	200	1.0	0.5	84	6	1E-06	15	25,550	9.2E-08	0.73	6.7E-08
Benzo(a)pyrene	0.84	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	7.3	8.1E-07
Benzo(b)fluoranthene	1.16	200	1.0	0.5	84	6	1E-06	15	25,550	1.5E-07	0.73	1.1E-07
Dibenzo(a,h)anthracene	0.29	200	1.0	0.5	84	6	1E-06	15	25,550	3.8E-08	7.3	2.8E-07
Indeno(1,2,3-cd)pyrene	0.38	200	1.0	0.5	84	6	1E-06	15	25,550	5.0E-08	0.73	3.6E-08
Arsenic	4.58	200	1.0	0.5	84	6	1E-06	15	25,550	6.0E-07	1.5	9.0E-07
											Total	**2.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)		EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.58	200	1.0	0.5	84	6	1E-06	15	2,190	7.0E-06	0.0003	2.3E-02
											Total	**2.3E-02**

Table 19b - Recreational Area R1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.70	0.237	2,454	0.13	84	6	1E-06	15	25,550	7.0E-08	0.73	5.1E-08
Benzo(a)pyrene	0.84	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.4E-08	7.3	6.1E-07
Benzo(b)fluoranthene	1.16	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.2E-07	0.73	8.4E-08
Dibenzo(a,h)anthracene	0.29	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.9E-08	7.3	2.1E-07
Indeno(1,2,3-cd)pyrene	0.38	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.8E-08	0.73	2.8E-08
Arsenic	4.58	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.6E-07
											Total	**1.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.58	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.2E-06	0.0003	4.1E-03
											Total	**4.1E-03**

Table 19c - Recreational Area R1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.70	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.9E-08	0.73	1.4E-08
Benzo(a)pyrene	0.84	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.3E-08	7.3	1.6E-07
Benzo(b)fluoranthene	1.16	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.1E-08	0.73	2.3E-08
Dibenzo(a,h)anthracene	0.29	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.8E-09	7.3	5.7E-08
Indeno(1,2,3-cd)pyrene	0.38	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.0E-08	0.73	7.4E-09
Arsenic	4.58	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.2E-07	1.5	1.8E-07
											Total	**4.5E-07**

Table 19d - Recreational Area R1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.70	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.5E-08	0.73	3.3E-08
Benzo(a)pyrene	0.84	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.4E-08	7.3	3.9E-07
Benzo(b)fluoranthene	1.16	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.5E-08	0.73	5.4E-08
Dibenzo(a,h)anthracene	0.29	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.9E-08	7.3	1.4E-07
Indeno(1,2,3-cd)pyrene	0.38	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.4E-08	0.73	1.8E-08
Arsenic	4.58	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	6.8E-08	1.5	1.0E-07
											Total	**7.4E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		8.1E-08	8.4E-08	1.6E-07
Benzo(a)pyrene		9.7E-07	1.0E-06	2.0E-06
Benzo(b)fluoranthene		1.3E-07	1.4E-07	2.7E-07
Dibenzo(a,h)anthracene		3.4E-07	3.5E-07	6.8E-07
Indeno(1,2,3-cd)pyrene		4.4E-08	4.5E-08	8.9E-08
Arsenic		1.1E-06	2.6E-07	1.3E-06
	Total	**2.7E-06**	**1.9E-06**	**4.5E-06**

Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.3E-02	4.1E-03	2.8E-02
	Total	**0.023**	**0.0041**	**0.028**

Table 20a - Recreational Area R1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.61	200	1.0	0.5	84	6	1E-06	15	25,550	8.0E-08	0.73	5.9E-08
Benzo(a)pyrene	0.74	200	1.0	0.5	84	6	1E-06	15	25,550	9.7E-08	7.3	7.1E-07
Benzo(b)fluoranthene	1.01	200	1.0	0.5	84	6	1E-06	15	25,550	1.3E-07	0.73	9.7E-08
Dibenzo(a,h)anthracene	0.28	200	1.0	0.5	84	6	1E-06	15	25,550	3.7E-08	7.3	2.7E-07
Indeno(1,2,3-cd)pyrene	0.33	200	1.0	0.5	84	6	1E-06	15	25,550	4.3E-08	0.73	3.2E-08
Arsenic	4.18	200	1.0	0.5	84	6	1E-06	15	25,550	5.5E-07	1.5	8.2E-07
											Total	**2.0E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.18	200	1.0	0.5	84	6	1E-06	15	2,190	6.4E-06	0.0003	2.1E-02
											Total	**2.1E-02**

Table 20b - Recreational Area R1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.61	0.237	2,454	0.13	84	6	1E-06	15	25,550	6.1E-08	0.73	4.4E-08
Benzo(a)pyrene	0.74	0.237	2,454	0.13	84	6	1E-06	15	25,550	7.4E-08	7.3	5.4E-07
Benzo(b)fluoranthene	1.01	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.0E-07	0.73	7.3E-08
Dibenzo(a,h)anthracene	0.28	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.8E-08	7.3	2.0E-07
Indeno(1,2,3-cd)pyrene	0.33	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.3E-08	0.73	2.4E-08
Arsenic	4.18	0.237	2,454	0.03	84	6	1E-06	15	25,550	9.6E-08	1.5	1.4E-07
											Total	**1.0E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.18	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.1E-06	0.0003	3.7E-03
											Total	**3.7E-03**

Table 20c - Recreational Area R1: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.61	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.6E-08	0.73	1.2E-08
Benzo(a)pyrene	0.74	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.0E-08	7.3	1.4E-07
Benzo(b)fluoranthene	1.01	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.7E-08	0.73	2.0E-08
Dibenzo(a,h)anthracene	0.28	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.5E-09	7.3	5.5E-08
Indeno(1,2,3-cd)pyrene	0.33	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.8E-09	0.73	6.5E-09
Arsenic	4.18	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-07	1.5	1.7E-07
											Total	**4.1E-07**

Table 20d - Recreational Area R1: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.61	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.9E-08	0.73	2.9E-08
Benzo(a)pyrene	0.74	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.8E-08	7.3	3.5E-07
Benzo(b)fluoranthene	1.01	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.5E-08	0.73	4.7E-08
Dibenzo(a,h)anthracene	0.28	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.8E-08	7.3	1.3E-07
Indeno(1,2,3-cd)pyrene	0.33	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.1E-08	0.73	1.5E-08
Arsenic	4.18	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	6.2E-08	1.5	9.3E-08
											Total	**6.6E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		7.0E-08	7.3E-08	1.4E-07
Benzo(a)pyrene		8.6E-07	8.8E-07	1.7E-06
Benzo(b)fluoranthene		1.2E-07	1.2E-07	2.4E-07
Dibenzo(a,h)anthracene		3.2E-07	3.3E-07	6.6E-07
Indeno(1,2,3-cd)pyrene		3.8E-08	3.9E-08	7.8E-08
Arsenic		9.9E-07	2.4E-07	1.2E-06
	Total	**2.4E-06**	**1.7E-06**	**4.1E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.1E-02	3.7E-03	2.5E-02
	Total	**0.021**	**0.0037**	**0.025**

Table A21a - Recreational Area R2: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.57	200	1.0	0.5	84	6	1E-06	15	25,550	2.1E-07	0.73	1.5E-07
Benzo(a)pyrene	0.87	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	7.3	8.4E-07
Benzo(b)fluoranthene	0.84	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	0.73	8.1E-08
Benzo(k)fluoranthene	1.10	200	1.0	0.5	84	6	1E-06	15	25,550	1.4E-07	0.073	1.1E-08
Chrysene	1.72	200	1.0	0.5	84	6	1E-06	15	25,550	2.3E-07	0.0073	1.7E-09
Dibenzo(a,h)anthracene	0.30	200	1.0	0.5	84	6	1E-06	15	25,550	3.9E-08	7.3	2.9E-07
Indeno(1,2,3-cd)pyrene	0.49	200	1.0	0.5	84	6	1E-06	15	25,550	6.4E-08	0.73	4.7E-08
Arsenic	4.13	200	1.0	0.5	84	6	1E-06	15	25,550	5.4E-07	1.5	8.1E-07
											Total	**2.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.13	200	1.0	0.5	84	6	1E-06	15	2,190	6.3E-06	0.0003	2.1E-02
Phenanthrene	2.73	200	1.0	0.5	84	6	1E-06	15	2,190	4.2E-06	0.04	1.0E-04
											Total	**2.1E-02**

Table A21b - Recreational Area R2: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.57	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.6E-07	0.73	1.1E-07
Benzo(a)pyrene	0.87	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.7E-08	7.3	6.3E-07
Benzo(b)fluoranthene	0.84	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.4E-08	0.73	6.1E-08
Benzo(k)fluoranthene	1.10	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.1E-07	0.073	8.0E-09
Chrysene	1.72	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.7E-07	0.0073	1.2E-09
Dibenzo(a,h)anthracene	0.30	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.0E-08	7.3	2.2E-07
Indeno(1,2,3-cd)pyrene	0.49	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.9E-08	0.73	3.6E-08
Arsenic	4.13	0.237	2,454	0.03	84	6	1E-06	15	25,550	9.5E-08	1.5	1.4E-07
											Total	**1.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.13	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.1E-06	0.0003	3.7E-03
Phenanthrene	2.73	0.237	2,454	0.3	84	6	1E-06	15	2,190	7.3E-06	0.04	1.8E-04
											Total	**3.9E-03**

Table A21c - Recreational Area R2: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.57	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.2E-08	0.73	3.1E-08
Benzo(a)pyrene	0.87	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.3E-08	7.3	1.7E-07
Benzo(b)fluoranthene	0.84	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.3E-08	0.73	1.6E-08
Benzo(k)fluoranthene	1.10	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.9E-08	0.073	2.2E-09
Chrysene	1.72	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.6E-08	0.0073	3.4E-10
Dibenzo(a,h)anthracene	0.30	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.0E-09	7.3	5.9E-08
Indeno(1,2,3-cd)pyrene	0.49	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-08	0.73	9.6E-09
Arsenic	4.13	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-07	1.5	1.7E-07
											Total	**4.5E-07**

Table A21d - Recreational Area R2: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.57	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.0E-07	0.73	7.4E-08
Benzo(a)pyrene	0.87	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.6E-08	7.3	4.1E-07
Benzo(b)fluoranthene	0.84	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.4E-08	0.73	3.9E-08
Benzo(k)fluoranthene	1.10	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.1E-08	0.073	5.2E-09
Chrysene	1.72	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.1E-07	0.0073	8.1E-10
Dibenzo(a,h)anthracene	0.30	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.9E-08	7.3	1.4E-07
Indeno(1,2,3-cd)pyrene	0.49	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.2E-08	0.73	2.3E-08
Arsenic	4.13	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	6.1E-08	1.5	9.2E-08
											Total	**7.8E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		1.8E-07	1.9E-07	3.7E-07
Benzo(a)pyrene		1.0E-06	1.0E-06	2.0E-06
Benzo(b)fluoranthene		9.7E-08	1.0E-07	2.0E-07
Benzo(k)fluoranthene		1.3E-08	1.3E-08	2.6E-08
Chrysene		2.0E-09	2.1E-09	4.0E-09
Dibenzo(a,h)anthracene		3.5E-07	3.6E-07	7.1E-07
Indeno(1,2,3-cd)pyrene		5.7E-08	5.9E-08	1.2E-07
Arsenic		9.8E-07	2.3E-07	1.2E-06
	Total	**2.7E-06**	**2.0E-06**	**4.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.1E-02	3.7E-03	2.5E-02
Phenanthrene		1.0E-04	1.8E-04	2.9E-04
	Total	**0.021**	**0.0039**	**0.025**

Table A22a - Recreational Area R2: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.20	200	1.0	0.5	84	6	1E-06	15	25,550	1.6E-07	0.73	1.2E-07
Benzo(a)pyrene	0.72	200	1.0	0.5	84	6	1E-06	15	25,550	9.5E-08	7.3	6.9E-07
Benzo(b)fluoranthene	0.68	200	1.0	0.5	84	6	1E-06	15	25,550	8.9E-08	0.73	6.5E-08
Benzo(k)fluoranthene	0.85	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	0.073	8.2E-09
Chrysene	1.31	200	1.0	0.5	84	6	1E-06	15	25,550	1.7E-07	0.0073	1.3E-09
Dibenzo(a,h)anthracene	0.26	200	1.0	0.5	84	6	1E-06	15	25,550	3.4E-08	7.3	2.5E-07
Indeno(1,2,3-cd)pyrene	0.40	200	1.0	0.5	84	6	1E-06	15	25,550	5.3E-08	0.73	3.8E-08
Arsenic	4.27	200	1.0	0.5	84	6	1E-06	15	25,550	5.6E-07	1.5	8.4E-07
											Total	**2.0E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.27	200	1.0	0.5	84	6	1E-06	15	2,190	6.6E-06	0.0003	2.2E-02
Phenanthrene	2.14	200	1.0	0.5	84	6	1E-06	15	2,190	3.3E-06	0.04	8.2E-05
											Total	**2.2E-02**

Table A22b - Recreational Area R2: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.20	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.2E-07	0.73	8.7E-08
Benzo(a)pyrene	0.72	0.237	2,454	0.13	84	6	1E-06	15	25,550	7.2E-08	7.3	5.2E-07
Benzo(b)fluoranthene	0.68	0.237	2,454	0.13	84	6	1E-06	15	25,550	6.8E-08	0.73	4.9E-08
Benzo(k)fluoranthene	0.85	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.5E-08	0.073	6.2E-09
Chrysene	1.31	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.3E-07	0.0073	9.5E-10
Dibenzo(a,h)anthracene	0.26	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.6E-08	7.3	1.9E-07
Indeno(1,2,3-cd)pyrene	0.40	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.0E-08	0.73	2.9E-08
Arsenic	4.27	0.237	2,454	0.03	84	6	1E-06	15	25,550	9.8E-08	1.5	1.5E-07
											Total	**1.0E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.27	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.1E-06	0.0003	3.8E-03
Phenanthrene	2.14	0.237	2,454	0.3	84	6	1E-06	15	2,190	5.7E-06	0.04	1.4E-04
											Total	**4.0E-03**

Table A22c - Recreational Area R2: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.20	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.2E-08	0.73	2.3E-08
Benzo(a)pyrene	0.72	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.9E-08	7.3	1.4E-07
Benzo(b)fluoranthene	0.68	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.8E-08	0.73	1.3E-08
Benzo(k)fluoranthene	0.85	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.3E-08	0.073	1.7E-09
Chrysene	1.31	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.5E-08	0.0073	2.6E-10
Dibenzo(a,h)anthracene	0.26	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.0E-09	7.3	5.1E-08
Indeno(1,2,3-cd)pyrene	0.40	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-08	0.73	7.8E-09
Arsenic	4.27	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-07	1.5	1.7E-07
											Total	**4.1E-07**

Table A22d - Recreational Area R2: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.20	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.7E-08	0.73	5.6E-08
Benzo(a)pyrene	0.72	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.6E-08	7.3	3.4E-07
Benzo(b)fluoranthene	0.68	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.4E-08	0.73	3.2E-08
Benzo(k)fluoranthene	0.85	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.5E-08	0.073	4.0E-09
Chrysene	1.31	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	8.4E-08	0.0073	6.1E-10
Dibenzo(a,h)anthracene	0.26	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.7E-08	7.3	1.2E-07
Indeno(1,2,3-cd)pyrene	0.40	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.6E-08	0.73	1.9E-08
Arsenic	4.27	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	6.3E-08	1.5	9.5E-08
											Total	**6.7E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		1.4E-07	1.4E-07	2.8E-07
Benzo(a)pyrene		8.3E-07	8.6E-07	1.7E-06
Benzo(b)fluoranthene		7.9E-08	8.1E-08	1.6E-07
Benzo(k)fluoranthene		9.8E-09	1.0E-08	2.0E-08
Chrysene		1.5E-09	1.6E-09	3.1E-09
Dibenzo(a,h)anthracene		3.0E-07	3.1E-07	6.1E-07
Indeno(1,2,3-cd)pyrene		4.6E-08	4.8E-08	9.4E-08
Arsenic		1.0E-06	2.4E-07	1.3E-06
	Total	**2.4E-06**	**1.7E-06**	**4.1E-06**

Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.2E-02	3.8E-03	2.6E-02
Phenanthrene		8.2E-05	1.4E-04	2.3E-04
	Total	**0.022**	**0.0040**	**0.026**

Table A23a - Recreational Area R3A: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.93	200	1.0	0.5	84	6	1E-06	15	25,550	1.2E-07	0.73	8.9E-08
Benzo(a)pyrene	0.56	200	1.0	0.5	84	6	1E-06	15	25,550	7.4E-08	7.3	5.4E-07
Benzo(b)fluoranthene	0.59	200	1.0	0.5	84	6	1E-06	15	25,550	7.8E-08	0.73	5.7E-08
Dibenzo(a,h)anthracene	0.12	200	1.0	0.5	84	6	1E-06	15	25,550	1.6E-08	7.3	1.2E-07
Indeno(1,2,3-cd)pyrene	0.31	200	1.0	0.5	84	6	1E-06	15	25,550	4.1E-08	0.73	3.0E-08
Arsenic	4.80	200	1.0	0.5	84	6	1E-06	15	25,550	6.3E-07	1.5	9.5E-07
											Total	**1.8E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.80	200	1.0	0.5	84	6	1E-06	15	2,190	7.4E-06	0.0003	2.5E-02
Sulfide	690	200	1.0	0.5	84	6	1E-06	15	2,190	1.1E-03	0.1	1.1E-02
											Total	**3.5E-02**

Table A23b - Recreational Area R3A: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.93	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.2E-08	0.73	6.8E-08
Benzo(a)pyrene	0.56	0.237	2,454	0.13	84	6	1E-06	15	25,550	5.6E-08	7.3	4.1E-07
Benzo(b)fluoranthene	0.59	0.237	2,454	0.13	84	6	1E-06	15	25,550	5.9E-08	0.73	4.3E-08
Dibenzo(a,h)anthracene	0.12	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.2E-08	7.3	8.7E-08
Indeno(1,2,3-cd)pyrene	0.31	0.237	2,454	0.13	84	6	1E-06	15	25,550	3.1E-08	0.73	2.3E-08
Arsenic	4.80	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.7E-07
											Total	**7.9E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.80	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.3E-03
Sulfide	690	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.8E-04	0.1	1.8E-03
											Total	**6.1E-03**

Table A23c - Recreational Area R3A: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years
CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.93	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.5E-08	0.73	1.8E-08
Benzo(a)pyrene	0.56	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.5E-08	7.3	1.1E-07
Benzo(b)fluoranthene	0.59	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.6E-08	0.73	1.2E-08
Dibenzo(a,h)anthracene	0.12	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.2E-09	7.3	2.3E-08
Indeno(1,2,3-cd)pyrene	0.31	100	1.0	0.5	84	6	1E-06	36.8	25,550	8.3E-09	0.73	6.1E-09
Arsenic	4.80	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-07	1.5	1.9E-07
											Total	**3.6E-07**

Table A23d - Recreational Area R3A: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.93	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.0E-08	0.73	4.4E-08
Benzo(a)pyrene	0.56	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.6E-08	7.3	2.6E-07
Benzo(b)fluoranthene	0.59	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	3.8E-08	0.73	2.8E-08
Dibenzo(a,h)anthracene	0.12	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	7.7E-09	7.3	5.6E-08
Indeno(1,2,3-cd)pyrene	0.31	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.0E-08	0.73	1.5E-08
Arsenic	4.80	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	7.1E-08	1.5	1.1E-07
											Total	**5.1E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		1.1E-07	1.1E-07	2.2E-07
Benzo(a)pyrene		6.5E-07	6.7E-07	1.3E-06
Benzo(b)fluoranthene		6.8E-08	7.1E-08	1.4E-07
Dibenzo(a,h)anthracene		1.4E-07	1.4E-07	2.8E-07
Indeno(1,2,3-cd)pyrene		3.6E-08	3.7E-08	7.3E-08
Arsenic		1.1E-06	2.7E-07	1.4E-06
	Total	**2.1E-06**	**1.3E-06**	**3.4E-06**

Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.5E-02	4.3E-03	2.9E-02
Sulfide		1.1E-02	1.8E-03	1.2E-02
	Total	**0.035**	**0.0061**	**0.041**

Table A24a - Recreational Area R3A: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.51	200	1.0	0.5	84	6	1E-06	15	25,550	2.0E-07	0.73	1.4E-07
Benzo(a)pyrene	0.77	200	1.0	0.5	84	6	1E-06	15	25,550	1.0E-07	7.3	7.4E-07
Benzo(b)fluoranthene	0.81	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	0.73	7.8E-08
Dibenzo(a,h)anthracene	0.18	200	1.0	0.5	84	6	1E-06	15	25,550	2.4E-08	7.3	1.7E-07
Indeno(1,2,3-cd)pyrene	0.40	200	1.0	0.5	84	6	1E-06	15	25,550	5.3E-08	0.73	3.8E-08
Arsenic	4.80	200	1.0	0.5	84	6	1E-06	15	25,550	6.3E-07	1.5	9.5E-07
											Total	**2.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.80	200	1.0	0.5	84	6	1E-06	15	2,190	7.4E-06	0.0003	2.5E-02
Sulfide	348.55	200	1.0	0.5	84	6	1E-06	15	2,190	5.3E-04	0.1	5.3E-03
											Total	**3.0E-02**

Table A24b - Recreational Area R3A: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.51	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.5E-07	0.73	1.1E-07
Benzo(a)pyrene	0.77	0.237	2,454	0.13	84	6	1E-06	15	25,550	7.7E-08	7.3	5.6E-07
Benzo(b)fluoranthene	0.81	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.1E-08	0.73	5.9E-08
Dibenzo(a,h)anthracene	0.18	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.8E-08	7.3	1.3E-07
Indeno(1,2,3-cd)pyrene	0.40	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.0E-08	0.73	2.9E-08
Arsenic	4.80	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.7E-07
											Total	**1.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.80	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.3E-03
Sulfide	348.55	0.237	2,454	0.03	84	6	1E-06	15	2,190	9.3E-05	0.1	9.3E-04
											Total	**5.2E-03**

Table A24c - Recreational Area R3A: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years
CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.51	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.0E-08	0.73	3.0E-08
Benzo(a)pyrene	0.77	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.1E-08	7.3	1.5E-07
Benzo(b)fluoranthene	0.81	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.2E-08	0.73	1.6E-08
Dibenzo(a,h)anthracene	0.18	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.8E-09	7.3	3.5E-08
Indeno(1,2,3-cd)pyrene	0.40	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.1E-08	0.73	7.8E-09
Arsenic	4.80	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-07	1.5	1.9E-07
											Total	**4.3E-07**

Table A24d - Recreational Area R3A: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years
CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.51	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	9.7E-08	0.73	7.1E-08
Benzo(a)pyrene	0.77	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.0E-08	7.3	3.6E-07
Benzo(b)fluoranthene	0.81	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.2E-08	0.73	3.8E-08
Dibenzo(a,h)anthracene	0.18	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.2E-08	7.3	8.4E-08
Indeno(1,2,3-cd)pyrene	0.40	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.6E-08	0.73	1.9E-08
Arsenic	4.80	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	7.1E-08	1.5	1.1E-07
											Total	**6.8E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		1.7E-07	1.8E-07	3.5E-07
Benzo(a)pyrene		8.9E-07	9.2E-07	1.8E-06
Benzo(b)fluoranthene		9.4E-08	9.7E-08	1.9E-07
Dibenzo(a,h)anthracene		2.1E-07	2.2E-07	4.2E-07
Indeno(1,2,3-cd)pyrene		4.6E-08	4.8E-08	9.4E-08
Arsenic		1.1E-06	2.7E-07	1.4E-06
	Total	**2.6E-06**	**1.7E-06**	**4.3E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.5E-02	4.3E-03	2.9E-02
Sulfide		5.3E-03	9.3E-04	6.3E-03
	Total	**0.030**	**0.0052**	**0.035**

Table A25a - Recreational Area R3B: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.41	200	1.0	0.5	84	6	1E-06	15	25,550	1.9E-07	0.73	1.4E-07
Benzo(a)pyrene	1.59	200	1.0	0.5	84	6	1E-06	15	25,550	2.1E-07	7.3	1.5E-06
Benzo(b)fluoranthene	1.64	200	1.0	0.5	84	6	1E-06	15	25,550	2.2E-07	0.73	1.6E-07
Dibenzo(a,h)anthracene	0.28	200	1.0	0.5	84	6	1E-06	15	25,550	3.7E-08	7.3	2.7E-07
Indeno(1,2,3-cd)pyrene	0.68	200	1.0	0.5	84	6	1E-06	15	25,550	8.9E-08	0.73	6.5E-08
Arsenic	5.00	200	1.0	0.5	84	6	1E-06	15	25,550	6.6E-07	1.5	9.9E-07
											Total	**3.1E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.00	200	1.0	0.5	84	6	1E-06	15	2,190	7.7E-06	0.0003	2.6E-02
											Total	**2.6E-02**

Table A25b - Recreational Area R3B: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.41	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.4E-07	0.73	1.0E-07
Benzo(a)pyrene	1.59	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.6E-07	7.3	1.2E-06
Benzo(b)fluoranthene	1.64	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.6E-07	0.73	1.2E-07
Dibenzo(a,h)anthracene	0.28	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.8E-08	7.3	2.0E-07
Indeno(1,2,3-cd)pyrene	0.68	0.237	2,454	0.13	84	6	1E-06	15	25,550	6.8E-08	0.73	4.9E-08
Arsenic	5.00	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.7E-07
											Total	**1.8E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	5.00	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.5E-03
											Total	**4.5E-03**

Table A25c - Recreational Area R3B: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 1-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.41	100	1.0	0.5	84	6	1E-06	36.8	25,550	3.8E-08	0.73	2.8E-08
Benzo(a)pyrene	1.59	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.3E-08	7.3	3.1E-07
Benzo(b)fluoranthene	1.64	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.4E-08	0.73	3.2E-08
Dibenzo(a,h)anthracene	0.28	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.5E-09	7.3	5.5E-08
Indeno(1,2,3-cd)pyrene	0.68	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.8E-08	0.73	1.3E-08
Arsenic	5.00	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-07	1.5	2.0E-07
											Total	**6.4E-07**

Table A25d - Recreational Area R3B: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 1-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	1.41	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	9.1E-08	0.73	6.6E-08
Benzo(a)pyrene	1.59	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.0E-07	7.3	7.5E-07
Benzo(b)fluoranthene	1.64	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.1E-07	0.73	7.7E-08
Dibenzo(a,h)anthracene	0.28	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.8E-08	7.3	1.3E-07
Indeno(1,2,3-cd)pyrene	0.68	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	4.4E-08	0.73	3.2E-08
Arsenic	5.00	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	7.4E-08	1.5	1.1E-07
											Total	**1.2E-06**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		1.6E-07	1.7E-07	3.3E-07
Benzo(a)pyrene		1.8E-06	1.9E-06	3.7E-06
Benzo(b)fluoranthene		1.9E-07	2.0E-07	3.9E-07
Dibenzo(a,h)anthracene		3.2E-07	3.3E-07	6.6E-07
Indeno(1,2,3-cd)pyrene		7.9E-08	8.1E-08	1.6E-07
Arsenic		1.2E-06	2.8E-07	1.5E-06
	Total	**3.8E-06**	**3.0E-06**	**6.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.6E-02	4.5E-03	3.0E-02
	Total	**0.026**	**0.0045**	**0.030**

Table A26a - Recreational Area R3B: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.82	200	1.0	0.5	84	6	1E-06	15	25,550	1.1E-07	0.73	7.9E-08
Benzo(a)pyrene	0.92	200	1.0	0.5	84	6	1E-06	15	25,550	1.2E-07	7.3	8.8E-07
Benzo(b)fluoranthene	0.95	200	1.0	0.5	84	6	1E-06	15	25,550	1.2E-07	0.73	9.1E-08
Dibenzo(a,h)anthracene	0.25	200	1.0	0.5	84	6	1E-06	15	25,550	3.3E-08	7.3	2.4E-07
Indeno(1,2,3-cd)pyrene	0.43	200	1.0	0.5	84	6	1E-06	15	25,550	5.7E-08	0.73	4.1E-08
Arsenic	4.93	200	1.0	0.5	84	6	1E-06	15	25,550	6.5E-07	1.5	9.7E-07
											Total	**2.3E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.93	200	1.0	0.5	84	6	1E-06	15	2,190	7.6E-06	0.0003	2.5E-02
											Total	**2.5E-02**

Table A26b - Recreational Area R3B: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.82	0.237	2,454	0.13	84	6	1E-06	15	25,550	8.2E-08	0.73	6.0E-08
Benzo(a)pyrene	0.92	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.1E-08	7.3	6.7E-07
Benzo(b)fluoranthene	0.95	0.237	2,454	0.13	84	6	1E-06	15	25,550	9.4E-08	0.73	6.9E-08
Dibenzo(a,h)anthracene	0.25	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.5E-08	7.3	1.8E-07
Indeno(1,2,3-cd)pyrene	0.43	0.237	2,454	0.13	84	6	1E-06	15	25,550	4.3E-08	0.73	3.1E-08
Arsenic	4.93	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.7E-07
											Total	**1.2E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.93	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.4E-03
											Total	**4.4E-03**

Table A26c - Recreational Area R3B: Cancer and Non-Cancer Risks from Ingestion Exposure to 0- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.82	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.2E-08	0.73	1.6E-08
Benzo(a)pyrene	0.92	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.5E-08	7.3	1.8E-07
Benzo(b)fluoranthene	0.95	100	1.0	0.5	84	6	1E-06	36.8	25,550	2.5E-08	0.73	1.9E-08
Dibenzo(a,h)anthracene	0.25	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.7E-09	7.3	4.9E-08
Indeno(1,2,3-cd)pyrene	0.43	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.2E-08	0.73	8.4E-09
Arsenic	4.93	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-07	1.5	2.0E-07
											Total	**4.7E-07**

Table A26d - Recreational Area R3B: Cancer and Non-Cancer Risks from Dermal Exposure to 0- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.82	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.3E-08	0.73	3.8E-08
Benzo(a)pyrene	0.92	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	5.9E-08	7.3	4.3E-07
Benzo(b)fluoranthene	0.95	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	6.1E-08	0.73	4.5E-08
Dibenzo(a,h)anthracene	0.25	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.6E-08	7.3	1.2E-07
Indeno(1,2,3-cd)pyrene	0.43	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	2.8E-08	0.73	2.0E-08
Arsenic	4.93	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	7.3E-08	1.5	1.1E-07
											Total	**7.6E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		9.5E-08	9.8E-08	1.9E-07
Benzo(a)pyrene		1.1E-06	1.1E-06	2.2E-06
Benzo(b)fluoranthene		1.1E-07	1.1E-07	2.2E-07
Dibenzo(a,h)anthracene		2.9E-07	3.0E-07	5.9E-07
Indeno(1,2,3-cd)pyrene		5.0E-08	5.1E-08	1.0E-07
Arsenic		1.2E-06	2.8E-07	1.5E-06
	Total	**2.8E-06**	**1.9E-06**	**4.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.5E-02	4.4E-03	3.0E-02
	Total	**0.025**	**0.0044**	**0.030**

Table A27a - Recreational Area R3: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.23	200	1.0	0.5	84	6	1E-06	15	25,550	3.0E-08	0.73	2.2E-08
Benzo(a)pyrene	0.26	200	1.0	0.5	84	6	1E-06	15	25,550	3.4E-08	7.3	2.5E-07
Benzo(b)fluoranthene	0.26	200	1.0	0.5	84	6	1E-06	15	25,550	3.4E-08	0.73	2.5E-08
Dibenzo(a,h)anthracene	0.23	200	1.0	0.5	84	6	1E-06	15	25,550	3.0E-08	7.3	2.2E-07
Indeno(1,2,3-cd)pyrene	0.18	200	1.0	0.5	84	6	1E-06	15	25,550	2.4E-08	0.73	1.7E-08
Arsenic	4.85	200	1.0	0.5	84	6	1E-06	15	25,550	6.4E-07	1.5	9.6E-07
											Total	**1.5E-06**

NONCARCINOGENIC
HQ = CDI/RfD
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.85	200	1.0	0.5	84	6	1E-06	15	2,190	7.4E-06	0.0003	2.5E-02
											Total	**2.5E-02**

Table A27b - Recreational Area R3B: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 1-6 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.23	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.3E-08	0.73	1.7E-08
Benzo(a)pyrene	0.26	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.6E-08	7.3	1.9E-07
Benzo(b)fluoranthene	0.26	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.6E-08	0.73	1.9E-08
Dibenzo(a,h)anthracene	0.23	0.237	2,454	0.13	84	6	1E-06	15	25,550	2.3E-08	7.3	1.7E-07
Indeno(1,2,3-cd)pyrene	0.18	0.237	2,454	0.13	84	6	1E-06	15	25,550	1.8E-08	0.73	1.3E-08
Arsenic	4.85	0.237	2,454	0.03	84	6	1E-06	15	25,550	1.1E-07	1.5	1.7E-07
											Total	**5.7E-07**

NONCARCINOGENIC
HQ = CDI/RfD
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/ATnc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATnc Averaging Time Noncarcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	RfD Reference Dose[b] (mg/kg-d)	HQ Hazard Quotient
Arsenic	4.85	0.237	2,454	0.03	84	6	1E-06	15	2,190	1.3E-06	0.0003	4.3E-03
											Total	**4.3E-03**

Table A27c - Recreational Area R3: Cancer and Non-Cancer Risks from Ingestion Exposure to 1- to 3-Foot Soil
Pathway: Incidental Soil Ingestion
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI = Cs x IgR x OA x FR x EF x ED x CF x 1/BW x 1/ATc

Chemical	Cs Soil Concentration (mg/kg)	IgR Ingestion Rate (mg/d)	OA Oral Absorption (unitless)	FR Fraction from Site (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.23	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.2E-09	0.73	4.5E-09
Benzo(a)pyrene	0.26	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.0E-09	7.3	5.1E-08
Benzo(b)fluoranthene	0.26	100	1.0	0.5	84	6	1E-06	36.8	25,550	7.0E-09	0.73	5.1E-09
Dibenzo(a,h)anthracene	0.23	100	1.0	0.5	84	6	1E-06	36.8	25,550	6.2E-09	7.3	4.5E-08
Indeno(1,2,3-cd)pyrene	0.18	100	1.0	0.5	84	6	1E-06	36.8	25,550	4.8E-09	0.73	3.5E-09
Arsenic	4.85	100	1.0	0.5	84	6	1E-06	36.8	25,550	1.3E-07	1.5	1.9E-07
											Total	**3.0E-07**

Table A27d - Recreational Area R3B: Cancer and Non-Cancer Risks from Dermal Exposure to 1- to 3-Foot Soil
Pathway: Dermal Contact
Receptor: Child Recreational User - 7-13 Years

CARCINOGENIC
Risk = CDI x CSF
CDI =Cs x DAF x SA x DA x EF x ED x CF x 1/BW x 1/Atc

Chemical	Cs Soil Concentration (mg/kg)	DAF Dermal Adherence Factor (mg/cm^2)	SA Surface Area Exposed (cm^2/day)	DA Dermal Absorption (unitless)	EF Exposure Frequency (d/yr)	ED Exposure Duration (yrs)	CF Conversion Factor (kg/mg)	BW Body Weight (kg)	ATc Averaging Time Carcinogenic (days)	CDI Chronic Daily Intake (mg/kg-d)	CSF Cancer Slope Factor[a] $(mg/kg\text{-}d)^{-1}$	Risk
Benzo(a)anthracene	0.23	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.5E-08	0.73	1.1E-08
Benzo(a)pyrene	0.26	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.7E-08	7.3	1.2E-07
Benzo(b)fluoranthene	0.26	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.7E-08	0.73	1.2E-08
Dibenzo(a,h)anthracene	0.23	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.5E-08	7.3	1.1E-07
Indeno(1,2,3-cd)pyrene	0.18	0.26	3,549	0.13	84	6	1E-06	36.8	25,550	1.2E-08	0.73	8.4E-09
Arsenic	4.85	0.26	3,549	0.03	84	6	1E-06	36.8	25,550	7.2E-08	1.5	1.1E-07
											Total	**3.7E-07**

Total Carcinogenic Risk		Ingestion	Dermal	Total
Benzo(a)anthracene		2.7E-08	2.7E-08	5.4E-08
Benzo(a)pyrene		3.0E-07	3.1E-07	6.1E-07
Benzo(b)fluoranthene		3.0E-08	3.1E-08	6.1E-08
Dibenzo(a,h)anthracene		2.7E-07	2.7E-07	5.4E-07
Indeno(1,2,3-cd)pyrene		2.1E-08	2.2E-08	4.2E-08
Arsenic		1.2E-06	2.7E-07	1.4E-06
	Total	**1.8E-06**	**9.4E-07**	**2.7E-06**
Total Noncarcinogenic Hazard		Ingestion	Dermal	Total
Arsenic		2.5E-02	4.3E-03	2.9E-02
	Total	**0.025**	**0.0043**	**0.029**