Pre-Design Investigation Report for the Former Oxbow Areas A and C Removal Action

Volume I of III

General Electric Company
Pittsfield, Massachusetts

August 2003

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BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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

Transmitted via Overnight Delivery

August 15, 2003

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

Re: GE-Pittsfield/Housatonic River Site
Former Oxbow Areas A and C (GECD410)
Pre-Design Investigation Report

Dear Mr. Olson:

In accordance with the GE's approved *Pre-Design Investigation Work Plan for the Former Oxbow Areas A and C* (September 2002) and February 2003 Addendum to the Pre-Design Investigation Work Plan, enclosed is GE's *Pre-Design Investigation Report for the Former Oxbow Areas A and C*.

Please call Dick Gates or me if you have any questions about this report.

Sincerely,

Andrew T. Silfer /OAT

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

Enclosure
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Property Owner – Parcel I8-23-6/I9-5-1
Property Owner – Parcel I8-23-9
Property Owner – Parcel I8-23-10
Public Information Repositories
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**cover letter only*

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1. Introduction

1.1 General

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

This *Pre-Design Investigation Report for the Former Oxbow Areas A and C Removal Action* (Pre-Design Report) summarizes the pre-design soil investigations performed by GE within the RAA designated in the CD and SOW as Former Oxbow Areas A and C. This report also includes soil data generated by EPA during the performance of the pre-design investigations, as well as soil sampling data from certain properties located outside of but adjacent to the boundaries of this RAA as depicted in the SOW. This report further evaluates the sufficiency of the data obtained from those investigations, in combination with data available from prior soil investigations, to complete the necessary pre-design investigations and to support the development of a Conceptual RD/RA Work Plan for this RAA.

The pre-design investigation activities for Former Oxbow Areas A and C were performed in accordance with a document entitled *Pre-Design Investigation Work Plan for the Former Oxbow Areas A and C Removal Action*, (PDI Work Plan) dated September 2002, and a February 2003 Addendum to that Work Plan (jointly referred to herein as the "PDI Work Plans"). These documents were conditionally approved by EPA in letters dated December 11, 2002 and March 10, 2003, respectively. The pre-design field activities described in the PDI Work Plans were completed by GE between March 25 and May 7, 2003, and resulted in the collection of the majority of the pre-design soil data that will be used for future RD/RA evaluations for this area. In addition, on

May 8, 2003, GE collected, for analysis by EPA, soil samples from three borings at each of two properties adjacent to the RAA (Parcels I8-23-7 and I9-5-2). These samples were collected pursuant to discussions with EPA and in accordance with an access agreement between GE and the common owner of these properties, who also owns certain of the properties located within the RAA. Further, during the performance of the pre-design investigation sampling, split samples were collected by EPA at selected locations. Finally, over the last several years, various investigation and remediation activities have been performed at a former gasoline service station located adjacent to the southwestern portion of the RAA. These efforts have recently included the collection of soil samples for PCB analysis. These data are presented in an attachment to this report.

During preparation of the PDI Work Plans, an assessment of existing data was performed. From that assessment, it was determined that certain existing data could be used to satisfy pre-design investigation requirements for this area and/or to support future RD/RA evaluations. These usable historical data have been compiled and included in this Pre-Design Report.

In total, the soil data available to support RD/RA evaluations include results from approximately 1,800 analyses of soil samples collected from approximately 300 locations at this RAA, not including the samples collected at the former gas station site and at other adjacent properties. Depending on the specific sample location and depth, these sampling data include results for PCBs and/or other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents – benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3).

1.2 Format of Document

This report summarizes the pre-design investigation activities performed by GE and also includes data from certain adjacent properties. In addition, it provides an assessment regarding the sufficiency of the available soil data to complete the necessary pre-design investigations and to support the evaluation of the need for and scope of response actions to achieve the soil-related Performance Standards for this RAA. For the most part, the available information is sufficient to characterize the soils within Former Oxbow Areas A and C. However, some additional data needs have been identified – a few relating to the soils inside this RAA and others relating to soils at adjacent properties. A description of these data needs and a proposal for additional sampling to satisfy them are included in this report.

The remainder of this section provides a brief description of the Former Oxbow Areas A and C. Section 2 describes the pre-design investigation activities and other sampling efforts conducted by GE and others, provides an overview of the available soil data from this area, and presents an assessment of remaining data needs. Section 3 presents a proposal for additional sampling to satisfy the identified data needs, as well as a description of other necessary pre-design activities and a proposed schedule for the performance of the additional pre-design activities for this RAA.

Note that the pre-design activities summarized in this report pertain to soils only. Activities concerning groundwater at the Former Oxbow Areas A and C RAA are being addressed separately as part of the Groundwater Management Area 5 (GMA 5) baseline monitoring program.

1.3 Description of Former Oxbow Areas A and C

The Former Oxbow Areas A and C RAA encompasses an area of approximately seven acres generally located to the south of the Housatonic River, beginning approximately 250 feet downstream of the Lyman Street Bridge (Figures 1 and 2). Note that, as shown on Figure 2, the RAA boundary does not extend to the Housatonic River. The river and its adjacent riverbank soils have been or are being addressed by EPA as part of the 1½-Mile Reach Removal Action being conducted by EPA.

Certain portions of this area 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. These oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the current surface elevations and topography. As shown on Figure 2, there is no distinct separation between Former Oxbow Areas A and C. However, Former Oxbow Area A occupies the central and southwest portion of the RAA, while Former Oxbow Area C occupies the northeast portion of the RAA.

The boundaries of this RAA were established in the SOW based on a review of available historical information. The RAA consists of several parcels that are situated, at least in part, within the former oxbows and low-lying areas described above. All of the properties within the RAA (as defined in the SOW) are owned by parties other than GE, and two of them (Parcels I8-23-6 and I9-5-1) are under common ownership.

Specifically, the RAA as defined in the SOW includes the following parcels:

- Parcel I8-23-6 (containing commercial/industrial and recreational areas);
- Parcel I8-23-9 (commercial/industrial property);
- Parcel I8-23-10 (commercial/industrial property); and
- Parcel I9-5-1 (recreational property).

As discussed below in Section 2.6, the existing PCB soil sampling results from certain sample locations at the boundary of this RAA and from adjacent properties indicate that the boundaries of this RAA will likely need to be expanded in certain areas. As discussed below, it currently appears that the RAA boundaries will need to be extended to include, at a minimum, all or a portion of Parcel I8-23-5 (for PCBs only) and Parcel I9-5-2. However, the extent of such an expansion of the RAA boundaries at or beyond these parcels or at other adjacent parcels will depend on the results of the additional PCB sampling proposed herein for such adjacent parcels. Assuming that the proposed additional sampling adequately delineates the extent of PCBs in these areas, the Supplemental Pre-Design Investigation Report presenting the results of such sampling will also contain GE's proposal for extending the boundaries of the RAA, as more fully described in Sections 3.2 and 3.4.

Additional information regarding each oxbow area is presented below.

1.3.1 Former Oxbow Area A

As defined in the SOW, Former Oxbow Area A encompasses an area of approximately five acres. This area consists of a large open field on the south side of the river, north of Elm Street and Newell Street. The majority of this generally flat area is undeveloped and covered with grass and low brush, although the southwestern portion of this area is paved and developed.

Adjacent to the southwestern corner of the RAA (as currently defined) is a separate disposal site designated under the Massachusetts Contingency Plan (MCP). This disposal site is the former Elm Street Mobil Station Site (MDEP Site No. 1-0539, Tier 1B Permit No. 78741), which is currently being addressed by ExxonMobil Oil Corporation (ExxonMobil) pursuant to the MCP and under an Administrative Consent Order (ACO) with the MDEP. The former Elm Street Mobil Station property and an adjacent property containing constituents from the former service station are discussed below in Section 1.4.3.

1.3.2 Former Oxbow Area C

Former Oxbow Area C encompasses an undeveloped area of approximately two acres located south of the Housatonic River, east of Former Oxbow Area A, and near the northwest end of Day Street. This generally flat area is undeveloped and covered with grass and low brush. The southeastern side of the area is bordered by residential properties along Day Street and Ashley Street.

Between 1995 and 1997, GE conducted an MCP response action to address certain soils at Former Oxbow Area C. Specifically, in October 1995, GE identified a potential "imminent hazard" (as defined in the MCP) at this former oxbow area due to the presence of PCBs in surficial soils at concentrations greater than 10 parts per million (ppm) within 500 feet of a residence. As a result, an Immediate Response Action (IRA) was performed between October 1995 and October 1997. Initial IRA activities included soil sampling and installation of a temporary fence around an approximately 0.6 acre area in spring 1997. An IRA followed in fall 1997, involving the removal of the top 6 inches of soil from grassy portions within the fenced area. In total, approximately 130 cubic yards of soil were removed from an area of approximately 7,200 square feet during the IRA removal.

1.4 Additional Sampling Activities Outside of RAA

In addition to the pre-design investigations described in this report, other samples have been collected by EPA, GE, and others in proximity to this RAA. These other sampling activities include sampling associated with EPA's 1½-Mile Reach Removal Action, the recent sampling at adjacent Parcels I8-23-7 and I9-5-2, sampling performed at the former Elm Street Mobil Station Site, and sampling performed at certain residential properties along the southeastern boundary of the RAA. Additional information regarding these other sampling activities is provided below.

1.4.1 EPA's 1½ Mile Reach Removal Action

EPA has conducted response actions to address the sediments and riverbank soils adjacent to Former Oxbow Areas A and C as part of the 1½-Mile Reach Removal Action under the CD. In connection with these activities, EPA is utilizing portions of this RAA for an access road and a water treatment plant, as well as other ancillary activities (Figure 3). Further, in conjunction with the 1½-Mile Reach Removal Action, EPA collected and analyzed soil samples from a number of locations at or immediately adjacent to this RAA. These consisted of samples from the riverbank itself, samples from soil borings installed at this RAA as part of geotechnical

investigations to help in the design of 1½-Mile Reach Removal Action, samples from the location of the wastewater treatment plant, and samples from a large loam pile or mound situated at Former Oxbow Area A. The pertinent results of these soil sampling efforts have been provided by EPA to GE and have been incorporated into this Pre-Design Report.

1.4.2 Adjacent Parcels I8-23-7 and I9-5-2

Based on discussions with EPA and the requirements of a property access agreement between GE and the owner of Parcels I8-23-6 and I9-5-1, additional sampling was recently performed at Parcels I8-23-7 and I9-5-2, which are located outside of but adjacent to the southern/southeastern boundary of the RAA (Figure 3) and which are also owned by the owner of Parcels I8-23-6 and I9-5-1. GE advanced three soil borings to a depth of 15 feet below ground surface (bgs) at each of these two parcels. Soil samples were collected at these borings and were provided to EPA for analysis for PCBs and other constituents. As discussed further in Section 2.6 below, the results from Parcel I8-23-7 do not indicate the need for additional sampling or other response actions at that parcel, while the results from Parcel I9-5-2 have led GE to identify the need for additional data on adjacent Parcel I9-5-3 to determine the extent to which the RAA boundary should be extended in this area.

1.4.3 Former Elm Street Mobil Station Site

As discussed above, the former Elm Street Mobil Station Site is located adjacent to the southwest corner of this RAA (Figure 3). The former Elm Street Mobil Station was located in Parcel I8-23-5. The Elm Street Mobil Station Site (designated as a separate disposal site under the MCP) is currently being addressed by ExxonMobil pursuant to the MCP under an ACO with MDEP. Background information reported in ExxonMobil's Immediate Response Action Status Report and Revised Plan for this site, dated March 28, 2003, indicates that a release of gasoline was noted at the site during replacement of the gasoline underground storage tank (UST) system in March 1988. During the removal process, approximately 1,250 cubic yards of gasoline-impacted soil were excavated and transported off-site for disposal at a State-approval landfill. Several soil and groundwater investigations have been conducted at and adjacent to this site since 1991 to determine the presence and extent of petroleum-related compounds related to the former use of this gas station. Results of these investigations indicate that these compounds are present in certain of the soil and groundwater samples collected at the former Elm Street Mobil Station property itself, adjacent Parcel I8-23-4, and the southwest part of Former Oxbow Areas A and C. Further, petroleum-related light non-aqueous-phase liquid (LNAPL) has been observed in well

GES-206 installed at adjacent Parcel I8-23-4 as part of the Elm Street Mobil Station Site investigation. The LNAPL in GES-206 ranged from approximately 10 feet in thickness in December 2002 to 7 feet in thickness in March 2003. Recent IRA activities performed on behalf of ExxonMobil at this site included High Intensity Targeted (HIT) extraction events at GES-206 on January 28 and February 24, 2003. Using a vacuum truck, approximately 70 gallons and 56 gallons of LNAPL were removed during the January and February 2003 extraction events, respectively.

In addition, between October 2002 and May 2003, as part of its investigations of this site, ExxonMobil collected a series of soil samples for PCB analysis. Attachment A provides information summarizing these PCB results, including site maps and data tables. In addition, the PCB sampling locations at the former Elm Street Mobil Station Site have been added to Figure 3 (except as noted in the next paragraph). As discussed in Sections 2.6 and 3.2, in light of these PCB data, GE is proposing to conduct additional PCB sampling to determine the extent of the PCBs at Parcels I8-23-5 and I8-24-4, and thus the extent to which the RAA boundary should be extended in the direction of the Elm Street Mobil Station Site for PCBs only. Other constituents on Parcels I8-23-5 and I8-23-4 are being addressed by ExxonMobil under its MCP ACO and will not be addressed by GE in connection with Former Oxbow Areas A and C.

In item number 1 in the February 2003 Addendum to the PDI Work Plan, GE stated that it would verify whether the "2-foot" PCB soil samples collected by ExxonMobil were 0- to 2-foot samples or grab samples collected at 2 feet below grade. There are 8 such samples (GES-201 through GES-208), as listed in Table 1 of Attachment A. GE has now determined that these samples were in fact grab samples taken 2 feet below grade, not 0- to 2-foot soil samples. As such, these samples cannot be assigned to any of the relevant depth intervals at this RAA, and thus are not useable as supplemental data for RD/RA evaluations. Therefore, the results from these samples have been rejected for use in RD/RA evaluations, and these samples are not shown on Figure 3 in this report.

1.4.4 Adjacent Residential Parcels

GE has previously conducted soil investigations and, in some cases, soil remediation activities at a number of residential properties along the southeastern boundary of this RAA under GE's off-site residential fill property program, which is governed by an ACO executed by GE and MDEP pursuant to the MCP. These properties include Parcels I9-5-13, I8-23-16, I8-23-22, I8-23-23, and I8-23-24 (identified on Figure 3). For three of these parcels – Parcels I9-5-13, I8-23-23, and I8-23-24 – evaluation of the soil sampling data indicated that no remediation was necessary, and Class B-1 Response Action Outcome (RAO) Statements were submitted to

MDEP documenting that a level of No Significant Risk exists on these properties and that the properties can be used for residential purposes without restriction. These Class B-1 RAO Statements were submitted in April 2000 for Parcel I9-5-13 and in February 2000 for Parcels I8-23-23 and I8-23-24. At Parcels I8-23-16 and I8-23-22, based on the investigation results, soil remediation activities were conducted in 1999 and 1998, respectively, consisting of removal/replacement of the top foot of soil in portions of those parcels (as shown on Figure 3). Class A-2 RAO Statements were submitted to the MDEP in February 2003 for Parcel I8-23-16 and in February 2000 for Parcel I8-23-22.

2. Summary of Pre-Design Investigations

2.1 General

The data available to perform future RD/RA soil evaluations for Former Oxbow Areas A and C will be derived from a number of different sources and sampling activities, including historical data, recent pre-design activities performed by GE, recent sampling results from ExxonMobil, analysis by EPA of samples collected by GE on Parcels I8-23-7 and I9-5-2, and sampling results from activities performed by EPA and others. The majority of the data were obtained by GE as part of the pre-design investigations conducted between March 25 and May 7, 2003 in accordance with the PDI Work Plans. These investigations were performed on behalf of GE by Blasland, Bouck & Lee (BBL), while analytical services were provided by CT&E Environmental Services, Inc.

During the performance of these activities, Weston Solutions, Inc. (Weston) performed oversight activities on behalf of EPA, including collection and analysis of split samples and additional samples at certain locations identified by EPA. In total, the pre-design soil sampling effort (including the combined efforts of GE and EPA) involved the collection and analysis of approximately 525 soil samples from approximately 245 locations. The locations of the samples collected by GE and EPA during the pre-design investigation, as well as the locations of the usable historical and other samples, are identified on Figure 3 (for PCB samples) and Figures 4 through 8 (for samples analyzed for other Appendix IX+3 constituents).

As described above in Section 1.4, there are four additional sources of data included in this report: (1) sediment and river bank samples collected and analyzed by EPA in conjunction with the 1½ Mile Reach Removal Action, (2) soil samples collected by GE and analyzed by EPA at Parcels I8-23-7 and I9-5-2 outside of, but adjacent to this RAA, and (3) soil samples collected and analyzed for PCBs by ExxonMobil at the former Elm Street Mobil Station Site adjacent to the southwest corner of the RAA, as well as within the southwest corner of the RAA (Figure 3); and (4) those soil samples collected and analyzed by GE from the off-site residential properties adjacent to the southeastern boundary of the RAA that could affect soil within the RAA.

2.2 Summary of Pre-Design Sampling and Analysis Activities

With certain limited exceptions (discussed in Section 2.3), the pre-design sample locations, frequencies, depths, and analytes were consistent with the activities proposed in the PDI Work Plans. All field and analytical

activities conducted by GE were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). Soil boring logs are presented in Appendix A to this report.

Soil samples collected by GE for PCB analysis during the pre-design investigations were analyzed for Aroclor-specific PCBs by EPA Method 8082. The PCB results were reported on a dry-weight basis with a detection limit of approximately 0.05 ppm for all Aroclors. Select GE soil samples were also analyzed for Appendix IX+3 constituents (including pesticides and herbicides at certain locations), utilizing methods and reporting limits consistent with those presented in the FSP/QAPP and the PDI Work Plans. In addition, split samples were provided upon request to representatives from Weston.

2.3 Modifications to Pre-Design Sampling and Analysis Activities

During the performance of pre-design investigations, several modifications to the sampling and analysis program outlined in the PDI Work Plans as conditionally approved by EPA were implemented based on field conditions and observations and/or communications with EPA. The following modifications to the work scope identified in the PDI Work Plans were implemented, with concurrence of EPA field representatives:

- Eighteen surface soil and soil boring locations were relocated (i.e., distances ranging from 2 to 40 feet) from the locations shown in the PDI Work Plans due to equipment refusal (i.e., subsurface obstructions encountered during drilling) or the presence of subsurface utilities at or in the immediate vicinity of the originally proposed locations.

- At soil boring RAA11-E15, several attempts to advance beyond a subsurface obstruction (cobbles) encountered at 8 feet below ground surface (bgs) were unsuccessful, even after alternative locations and further attempts using a larger truck-mounted drilling rig were tried. As a result, the proposed PCB soil sample could not be collected from the entire 6- to 10-foot depth interval. Further, PCB and Appendix IX+3 soil samples proposed for the 10- to 15- foot depth interval at this location could not be collected.

- At soil boring RAA11-I13, after several attempts to advance beyond a subsurface obstruction, refusal was met at 5 feet bgs. This area is limited to access with manual drilling equipment. As a result, the proposed PCB soil sample could not be collected from the entire 3- to 6-foot depth interval. Further, the proposed PCB and Appendix IX +3 soil samples for the 6- to 10-foot depth interval and the PCB soil sample proposed for the 10- to 15-foot depth interval at this location could not be collected.

- An additional Appendix IX+3 soil sample was collected from the 10- to 15-foot depth interval at the RAA11-Q17 location based on field observations (e.g., slight petroleum odor) and an elevated PID screening reading.

None of the modifications identified above significantly affects the overall characterization of the soils within Former Oxbow Areas A and C. The relocation of three sampling locations, RAA11-I25, RAA11-M21, and RAA11-Q11, to avoid subsurface utilities or other infrastructure resulted in the movement of these borings to locations between approximately 5 to 15 feet outside of the utility bands. While these borings and sampling results were intended to provide PCB soil characterization for the utility bands, they are considered sufficiently close to support the intended characterization for the bands.

The number of samples that could not be collected due to drilling refusal at this RAA is minimal. Therefore, the amount of soil data available to characterize existing soil does not vary to any great extent from that proposed. Further, as proposed in the in the Addendum to the PDI Work Plan, GE collected 14 additional PCB and 3 Appendix IX+3 soil samples at the loam pile northwest of Former Oxbow A to characterize this material.

In addition to the modifications to the PDI Work Plans discussed above, GE advanced three soil borings, to a depth of 15 feet below ground surface (bgs), at each of Parcels I8-23-7 and I9-5-2, located outside of but adjacent to the southern/southeastern boundary of the RAA (Figure 3). As noted above, these samples were collected by GE based on discussions with EPA and pursuant to the requirements of a property access agreement between GE and the common owner of these parcels and Parcels I8-23-6 and I9-5-1, and were analyzed by EPA for PCBs. In addition, one sample from each boring was analyzed by EPA for certain other constituents – namely, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), herbicides, and inorganic compounds.

2.4 Summary of Available Soil Data

For Former Oxbow Areas A and C, the soil data available to support future technical evaluations and the preparation of a Conceptual RD/RA Work Plan include the results of GE's recent pre-design investigations, as well as data available from prior GE investigations and data collected by EPA and others.

The following table summarizes the available data from Former Oxbow Areas A and C and adjacent Parcels I8-23-7 and I9-5-2, as well as the useable PCB data from Parcel I8-23-5 and the historical PCB data from the off-

site residential properties adjacent to the southeastern boundary of the RAA that could affect soil within the RAA:

Analytical Parameter	GE Pre-Design Soil Analyses	EPA Split Soil Analyses	EPA 1½ Mile and Other Soil Analyses	Historical Soil Analyses	Exxon Mobil Soil Analyses	Adjacent Parcel Soil Analyses	Total Soil Analyses
PCBs	471	1	191	331	34	30	1,058
VOCs	180	0	3	8	NA	6	197
SVOCs	178	0	8	6	NA	6	198
Pests/Herbs	34	0	0	4	NA	0	38
Dioxins/Furans	186	0	0	5	NA	0	191
Inorganics	182	0	5	6	NA	6	199

Notes: Table does not include QA/QC sample analyses.
Adjacent parcel soil analyses consist of data from Parcels I8-23-7 and I9-5-2.

The locations from which these soil samples were collected are shown, by relevant depth increment, on Figures 3 through 8. Specifically, Figure 3 shows the locations of the samples collected for PCB analysis, while Figures 4, 5, 6, 7, and 8 show the locations of the samples collected for Appendix IX+3 analyses from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments, respectively. Note that Figure 3 also includes the PCB sample locations from the adjacent residential properties along the southeastern border of this RAA that could affect soil within the RAA.

The analytical results for the pre-design soil samples collected by GE are provided in Tables 1 and 2. These tables provide the results of GE's recent investigations for PCBs and other Appendix IX+3 constituents, respectively. Historical soil data are summarized in Tables 3 and 4 for PCBs and other Appendix IX+3 constituents, respectively. Tables 5 and 6 provide the results for PCBs and other Appendix IX constituents, respectively, for the samples analyzed by EPA. These results include the data from samples that were split with GE, samples from other separate locations within this RAA, samples collected as part of the 1½ Mile Reach Removal Action, and samples collected by GE for analysis by EPA at Parcels I8-23-7 and I9-5-2. Note that the data tables that present Appendix IX+3 data only summarize the results for constituents that were detected in one or more samples during the respective investigations. Complete listings of the Appendix IX+3 laboratory results for GE's pre-design samples, historical samples, and EPA samples are included in Appendix B, as Tables B-1, B-2, and B-3, respectively. Finally, the PCB data collected by ExxonMobil from and near the Elm Street Mobil Station Site are provided in Attachment A.

2.5 Data Quality Assessment

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

All of the GE pre-design soil analytical data for Appendix IX+3 analyses have undergone data review validation in accordance with Section 7.5 of the FSP/QAPP. The results of this assessment for the recent pre-design samples are summarized in a data validation report presented in Appendix C. As indicated in that report, 99.8% of the pre-design Appendix IX+3 data collected by GE are considered to be usable, which is greater than the minimum required usability of 90% specified in the FSP/QAPP. Thus, the overall pre-design soil Appendix IX+3 data set meets the data quality objectives set forth in the PDI Work Plans and the FSP/QAPP. The validation of the analytical PCB data from the pre-design soil investigations is currently in progress. This validation of the PCB data is also being conducted in accordance with Section 7.5 of the FSP/QAPP. A report on this validation and the validated results for the PCB analyses will be provided in the Supplemental Pre-Design Investigation Report (Supplemental PDI Report) described below. Results of validation of analytical PCB data from previous pre-design investigations conducted at other RAAs at the GE-Pittsfield/Housatonic River Site have indicated a very low incidence of rejected PCB results. However, if any PCB data from this pre-design investigation are rejected, the need for any additional PCB sampling will be evaluated and, if necessary, proposed in the Supplemental PDI Report.

As indicated in the PDI Work Plans, the historical soil data were previously reviewed for overall quality, based on the accompanying laboratory documentation (where available). That data review resulted in the designation of some data as usable both to satisfy pre-design investigation requirements and for future RD/RA evaluations, other data as supplemental data for use in RD/RA evaluations, and other data as rejected or eliminated. The data presented in this report consist of the data in the first two of these categories. Based on the reviews in the PDI Work Plans, these data were found to be of acceptable quality for use in satisfying RD/RA requirements for the response actions for the Former Oxbow Areas A and C. In addition, the PDI Work Plans identified a limited number of Appendix IX+3 sample results as "Potential Appendix IX Supplemental," indicating that laboratory documentation was not available and that further review of the useability of these data was needed. Since that

time, it has been determined that the ExxonMobil samples in this category that were analyzed only for VOCs will not be used in the RD/RA evaluations because those samples were not analyzed for the full set of Appendix IX VOCs. Hence, these data are not included in this report. The few other historical Appendix IX+3 sample results that were placed in this category are included in this report and GE proposes to use them in the RD/RA evaluations.

It is GE's understanding that the analytical results for the soil samples collected and analyzed by EPA, as well as those samples from Parcels I8-23-7 and I9-5-2 collected by GE and provided to EPA for analysis, were validated by EPA prior to receipt by GE. Therefore, these data are considered acceptable for use in future RD/RA evaluations pertaining to RD/RA activities. Further, given that the PCB analytical results for the soil samples from the Elm Street Mobil Station Site have been provided by ExxonMobil to the MDEP, those results are assumed to be validated and useable. GE will attempt to obtain validation reports from ExxonMobil to support the use of these data for future evaluation of the PCB data for the former Elm Street Mobil Station Site and adjacent Parcel I8-23-4, and will provide an update on this issue in the Supplemental PDI Report described below.

2.6 Assessment of Potential Data Needs

In accordance with Section 3.2 of the SOW, the Pre-Design Report is required to consider the sufficiency of the available data in terms of supporting subsequent RD/RA activities, and whether any additional or remaining data are needed. If additional data needs are identified, the Pre-Design Report is to include a proposal for further studies/investigations, as well as a schedule for such activities and the submission of any supplemental pre-design reports. Based on the review of the existing and pre-design soil data, GE has identified the following data needs. These data needs pertain to select locations within the RAA and at adjacent parcels. Where data needs are identified, proposals to address those data needs are presented in Section 3.2 of this report.

2.6.1 Evaluation of Data Needs Within the RAA

Based on review of the available PCB data, GE has determined that those data are, for the most part, sufficient to characterize the extent of PCBs in soil within the Former Oxbows A and C RAA, as currently defined in the SOW. Although minor modifications to the scope of sampling specified in the PDI Work Plans were

implemented during the field activities, none of the modifications (described in Section 2.3) affects the overall characterization of soils within this RAA that was gained from the remaining sampling data.

However, review of the PCB data does indicate a few locations where additional data are needed for PCB characterization or delineation. First, further review of the sampling grid at the east end of the Mystic Street right-of-way indicates that location RAA11-I26 is outside but within 15 feet of the RAA boundary (Figure 3). Therefore, there is a need for an additional PCB surface soil sample inside the RAA boundary near this grid node. In Section 3.2, GE proposes to address this need by collecting a surface soil sample for PCB analysis just inside the RAA boundary at node RAA11-I26 to satisfy the requirements of the SOW.

Second, review of the data for the area at the west end of the Mystic Street right-of-way indicates the need for additional subsurface PCB data to cover grid node RAA11-M21. The PCB data from existing sample location RAA11-M21 (which is north of the grid node) cover only the 10- to 15-foot depth increment (see Table 1). Moreover, the survey information for this area indicates that the SB-1 boring located on Parcel I8-23-24 is greater than 50 feet from grid node RAA11-M21 (Figure 3). Therefore, existing subsurface data at SB-1 cannot be used to satisfy subsurface soil characterization requirements at RAA11-M21. Accordingly, there is a need for PCB data from the 1- to 3-foot, 3- to 6-foot, and 6- to 10-foot depth increments at grid node RAA11-M21. To satisfy this data need, GE proposes in Section 3.2 to collect such subsurface samples for PCB analysis at a new sample location designated as RAA11-M21A (Figure 3).

Third, review of the analytical results for sample location RAA11-S15 indicates that PCB concentrations above 2 ppm are present in the surface (0- to 1-foot) and some of the subsurface (3- to 6- foot and 6- to 10- foot) depth intervals. Thus, there is a need to delineate the extent of PCBs toward the southern boundary of the RAA in this area. To satisfy this data need, GE proposes in Section 3.2 to collect additional PCB soil samples at additional boring RAA11-S15S, to be located approximately 50 feet south of RAA11-S15 (Figure 3).

Fourth, review of the PCB data indicates that, due to the narrowness of Parcel I8-23-10 (Figure 3), no subsurface PCB data were collected from that property. While the subsurface soil at this parcel would be covered by PCB polygons associated with samples on other parcels, GE believes that it would be useful to collect subsurface samples for PCB analysis from at least one boring on Parcel I8-23-10 itself. Accordingly, in Section 3.2, GE proposes to advance a boring on Parcel I8-23-10, at location RAA11-V11.5 (Figure 3), and to collect samples from it for PCB analysis.

With regard to non-PCB Appendix IX+3 constituents within the RAA, review of the existing data indicates that there is only one sample location for such constituents on Parcel I8-23-10 (T12, shown on Figures 4 through 7). Hence, GE believes that it would be useful to collect additional Appendix IX+3 data from that parcel. To satisfy this data need, GE proposes in Section 3.2 to analyze certain of the additional samples collected from the proposed boring at location RAA11-V11.5 for non-PCB Appendix IX+3 constituents as well as PCBs.

GE has not at this time identified any other additional data needs relating to non-PCB constituents within the RAA. However, in the course of conducting the RD/RA evaluations for such constituents, additional data needs may be identified, such as for purposes of delineating any elevated concentrations of Appendix IX+3 constituents that may need to be removed. GE proposes to conduct preliminary RD/RA evaluations of these data within the next few months for purposes of determining whether any such data needs exist. GE will present the results of that assessment in the Supplemental PDI Report described below, along with a proposal for any additional sampling for non-PCB constituents that may be necessary to address any data needs identified.

2.6.2 Evaluation of Data Needs at Adjacent Parcels

This section presents the results of GE's assessment of whether the existing analytical results from or near Former Oxbows A and C indicate the need for additional sampling at adjacent properties,

Parcel I9-5-2 and Adjacent Properties

The PCB results for the additional samples collected at Parcel I9-5-2 (outside the RAA), as described above in Section 1.4.2, show some values above 2 ppm (see sample results for BH000991, BH000992, and BH000993 in Table 5). Parcel I9-5-2 itself appears to be adequately characterized for PCB evaluation, as the data that would be required for each grid node can be satisfied by existing samples under the applicable criteria. However, the PCB concentrations existing on this parcel need to be delineated to the southeast. Therefore, additional PCB sampling is necessary on Parcel I9-5-3 for delineation purposes and is proposed in Section 3.2. Delineation to the northeast, on Parcel I9-5-13, is not required, as that property was already investigated and a Class B RAO Statement was previously submitted to MDEP (as described in Section 1.4.4), and review of the PCB data from Parcel I9-5-2 indicates that those data would not affect that outcome for Parcel I9-5-13. Based on the results of the supplemental sampling proposed for Parcel I9-5-3, GE will evaluate the extent to which the RAA boundary needs to be expanded in this area, as well as the need for additional sampling for PCBs and other constituents on

Parcels I9-5-2 and I9-5-3. The results of this evaluation will be presented in the Supplemental PDI Report described below.

Parcel I8-23-22

The samples collected from location RAA11-Q17, which is immediately adjacent to previously remediated residential Parcel I8-23-22, show an elevated PCB concentration of 25 ppm in the 10- to 15-foot depth increment (Table 1), which is deeper than the soils previously addressed through the soil removal conducted at Parcel I8-23-22 under the MCP off-site residential fill property program. As such, that sample result could affect the previous evaluation of post-remediation conditions at Parcel I8-23-22. Since this property was previously addressed under GE's MCP/ACO residential property program, GE proposes to address the need for further response actions at this property under that program. Specifically, GE plans to conduct a revised evaluation of the subsurface soil (greater than 1 foot depth) conditions at this parcel taking into account the PCB results from location RAA11-Q17. If the average PCB concentration for that depth increment exceeds the MCP Method 1 soil standard of 2 ppm, GE will propose to conduct additional PCB sampling at Parcel I8-23-22, followed by an evaluation of the need for further remediation actions at that parcel to achieve the applicable Method 1 soil standard for PCBs at residential properties. This evaluation and proposal will be submitted to the MDEP under the ACO executed by GE and MDEP.

Parcel I8-23-16

The samples collected from location RAA11-S17, which is immediately adjacent to previously remediated residential Parcel I8-23-16, show an elevated PCB concentration of 280 ppm in the 0- to 1-foot depth increment (see Table 1). In this case, however, that finding would not affect the previous evaluation of post-remediation conditions at Parcel I8-23-16, because the portion of the polygon associated with the S-17 surface sample that extends onto Parcel I8-23-16 has already been removed as part of the prior soil removal activities at the latter parcel. Thus, there is no need for additional sampling at Parcel I8-23-16.

Parcel I8-23-11

Review of the analytical results for the RAA11-S13 location near the southern boundary of the RAA indicates that an elevated PCB concentration of 85 ppm was found in the 10- to 15- foot depth interval (see Table 1). Because this location is within 10 feet of the southern RAA boundary, additional delineation of this elevated

concentration is necessary to the south of that boundary, on Parcel I8-23-11. To address this data need, GE proposes in Section 3.2 to collect samples for PCB analysis at additional boring RAA11-S13S, to be located approximately 35 feet south of RAA11-S13 (Figure 3). Based on the results from these samples, GE will evaluate whether the RAA boundary needs to be extended onto Parcel I8-23-11 and the need for additional sampling at that property.

Parcel I8-23-7

GE has evaluated the additional data collected from adjacent Parcel I8-23-7 (as described in Section 1.4.2) to determine whether additional sampling on that parcel is necessary. All but one of the PCB results from the samples on that property (from borings BH000988, BH000989, and BH000990) were non-detect, and the only detection was very low (0.038 ppm) (see Table 5). Similarly, the few non-PCB Appendix IX+3 constituents detected in the samples from these borings were detected at very low levels (see Table 6). Therefore, Parcel I8-23-7 requires no further sampling or other response actions.

Parcels I8-23-5 and I8-23-4

Based on the review of PCB soil sample data from the investigations conduced to date at the former Elm Street Mobil Station Site, further characterization of soils for PCBs is necessary at Parcels I8-23-5 and I8-23-4, located adjacent to the southwest part of the current RAA (Figure 3). Although usable PCB data exist on Parcel I8-23-5, additional samples are necessary to provide an appropriate grid characterization of PCB concentrations on this parcel. In addition, no useable PCB data exist on Parcel I8-23-4, and sampling on this parcel is necessary to delineate the extent of the PCB concentrations found on Parcel I8-23-5. In order to further characterize these parcels, GE proposes in Section 3.2 to conduct additional surface and subsurface sampling for PCBs on Parcels I8-23-5 and I8-23-4. Based on the results of this sampling, GE will propose an appropriate extension of the RAA boundaries in this area, as well as an evaluation of the need for further response actions to address PCBs in soil at these parcels. It should be noted, however, that any additional sampling or other response actions to be undertaken by GE at these parcels will be limited to PCBs. As noted above, other constituents on Parcels I8-23-5 and I8-23-4 are being addressed by ExxonMobil under its MCP ACO and will not be addressed by GE in connection with Former Oxbow Areas A and C.

3. Proposed Supplemental Pre-Design Activities and Schedule

3.1 General

Section 2.6 above described the additional data needs that have been identified at this time to complete the pre-design investigations and to support the development of the Conceptual RD/RA Work Plan for Former Oxbow Areas A and C. The additional pre-design soil sampling activities that are proposed to satisfy those data needs are described in Section 3.2. Other remaining pre-design activities are presented in Section 3.3. Finally, Section 3.4 presents a proposed schedule for future activities.

3.2 Supplemental Pre-Design Soil Investigations

As described above in Section 2.6, based on the review of existing and pre-design investigation data, GE has identified a number of additional data needs within the RAA and at adjacent parcels. These data needs are the result of SOW sampling requirements and the need to delineate the extent of existing PCB sample concentrations and, thus, the boundaries of the RAA. To address these data needs, GE proposes the supplemental sampling described below. The locations for this proposed supplemental sampling are shown on Figure 3 and the respective sampling depth intervals are summarized in Table 7. All supplemental sampling and analysis will be conducted in accordance with the procedures in the FSP/QAPP, the data will be validated according to the procedures specified in Section 7.5 of the FSP/QAPP, and the results will be provided in the Supplemental PDI Report. In addition, as noted in Section 2.5 above, a validation report on the PCB data from the prior pre-design investigations, along with the validated PCB data, will be provided in the Supplemental PDI Report, along with an update on the validation of the ExxonMobil PCB data.

Sampling Within RAA

With regard to areas within the current RAA boundaries, based on the assessment of data needs presented in Section 2.6.1, GE proposes to collect additional samples at four locations. First, GE proposes to collect a surface (0- to 1-foot depth interval) soil sample for PCB analysis at the RAA11-I26 node at the east end of the Mystic Street right-of-way to satisfy the grid characterization requirements of the SOW (Figure 3).

Second, GE proposes to advance a soil boring and collect subsurface soil samples for PCB analysis at a new location, designated RAA11-M21A, approximately 30 feet south of existing sample location RAA11-M21 (Figure 3), to complete grid characterization in accordance with the SOW. Given the existence of usable data to cover the 0- to 1-foot and 10- to 15-foot depth intervals for grid node M21, samples from this new boring will be collected from the 1-to 3-foot, 3- to 6-foot, and 6- to 10-foot depth increments, as shown in Table 7.

Third, based on the results from sample location RAA11-S15, to provide additional PCB delineation at the southern part of Oxbow A, GE proposes to collect additional soil samples for PCB analysis at boring RAA11-S15S, to be located approximately 50 feet south of RAA11-S15 (Figure 3). GE proposes to collect samples from the surface (0- to 1-foot) and each of the subsurface (1-to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot) depth intervals at RAA11-S15S, as shown on Table 7.

Fourth, given the lack of any subsurface PCB data collected directly from Parcel I8-23-10 and the limited non-PCB Appendix IX+3 data from that parcel, GE proposes to advance a soil boring at location RAA1-V11.5 on that parcel, as shown on Figures 3 through 6 and 8. At that boring location, samples will be collected from the surface (0- to 1-foot) and each of the subsurface (1-to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot) depth intervals for PCB analysis, and the samples collected from the 0- to 1-foot, 1-to 3-foot, 3- to 6-foot, and 10- to 15-foot depth intervals will also be submitted for analysis of the non-PCB Appendix IX+3 constituents (Table 7).

Sampling at Adjacent Properties

With regard to areas outside the current RAA, GE proposes to conduct additional PCB sampling at several locations to address the data needs identified in Section 2.6.2.

First, based on review of the existing PCB data from Parcel I9-5-2, GE has not identified the need for additional PCB sampling on that parcel itself, since existing PCB data are adequate to cover the grid nodes at this parcel (as shown in Table 7). However, to further delineate the extent of PCBs over 2 ppm found on Parcel I9-5-2, GE proposes to collect soil samples for PCB analysis at three locations on adjacent Parcel I9-5-3, as depicted on Figure 3. At two of these locations (G29 and I27), soil borings will be advanced and samples will be collected for PCB analysis from the 0- to 1-foot, 1- to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot depth increments (as shown on Table 7). At the third location (H28), a surface soil sample will be collected for PCB analysis (Table 7). Based on the results from these samples, GE will evaluate the need for and scope of

additional sampling for PCBs and other constituents at both Parcels I9-5-2 and I9-5-3, as well as the extent to which the RAA boundary will be expanded in this area. The results of these evaluations and, if necessary, a proposal for any additional sampling in this area will be presented in the Supplemental PDI Report.

Second, to delineate the extent of the elevated PCB concentration found in the 10- to 15-foot depth interval at sample location RAA11-S13 near the southern boundary of the RAA, GE proposes to advance an additional soil boring at location RAA11-S13S, approximately 35 feet south of RAA11-S13 (as shown on Figure 3). This boring will be located at adjacent Parcel I8-23-3 south of the RAA. At this boring, GE proposes to collect samples for PCB analysis from the surface (0- to 1-foot) and each of the subsurface (1-to 3-foot, 3- to 6-foot, 6- to 10-foot, and 10- to 15-foot) depth intervals, as shown on Table 7. Based on the results from these samples, GE will evaluate whether additional sampling for PCBs or other constituents is necessary on Parcel I8-13-3 and will provide the results of that evaluation, along with a proposal for such sampling if warranted, in the Supplemental PDI Report. In addition, once the extent of PCBs on this property is determined, GE will make a proposal as to whether the boundary of the RAA needs to be extended onto this parcel.

Third, based on existing PCB concentrations at Parcel I8-23-5, which is the location of the former Elm Street Mobil Station, GE proposes to conduct additional sampling for PCBs at that parcel and adjacent Parcel I8-23-4. Specifically, GE proposes to perform such additional sampling for PCBs at the locations on those parcels shown on Figure 3 and at the depths shown on Table 7. In addition, Figure 3 shows the existing PCB data from these parcels, and Table 7 summarizes the existing data that can be used for PCB characterization at these parcels. Based on the results from the existing and proposed PCB samples, GE will evaluate whether additional sampling for PCBs is necessary on either parcel and will provide the results of that evaluation in the Supplemental PDI Report. In addition, once the extent of PCBs on these parcels is determined, GE will make a proposal as to the extent to which the boundaries of the RAA (for PCBs only) should be extended onto one or both of these parcels and as to the need for further response actions to address PCBs at these parcels. As noted above, any additional sampling or other response actions to be undertaken by GE at these parcels, as well as any extension of the RAA boundaries onto these parcels, will be limited to PCBs, based on the understanding that other constituents in soil or groundwater at these parcels are being addressed by ExxonMobil under its MCP ACO and will not be addressed by GE in connection with Former Oxbow Areas A and C.

Other Supplemental Sampling

Based on the results of the supplemental sampling and analysis described above, as well as a preliminary RD/RA assessment of the non-PCB constituents at the RAA (as described in Section 2.6.1), GE will evaluate the need for further sampling at this RAA or adjacent properties that may be needed to (a) complete the characterization or delineation of PCBs or other Appendix IX+3 constituents in soil, (b) determine the extent of expansion of the RAA boundaries, and/or (c) support the RD/RA evaluations to be presented in the Conceptual RD/RA Work Plan. (As noted above, these evaluations at Parcels I8-23-5 and I8-23-4 will be limited to PCBs.) The results of these evaluations will be presented in the Supplemental PDI Work Plan, along with a proposal for any additional sampling for PCBs or other constituents that is determined to be necessary, as well as a proposal regarding the expansion of the RAA boundaries (if sufficient data exist to make that determination). That Supplemental PDI Work Plan will be submitted on the schedule proposed in Section 3.4 below.

3.3 Additional Pre-Design Activities

In addition to the supplemental soil investigations described in Section 3.2, GE has determined that portions of the available site mapping for Former Oxbow Areas A and C are not sufficient to support future RD/RA evaluations. The current mapping, as depicted on Figures 2 through 8 in this report, was primarily generated from aerial photogrammetry mapping conducted in 1990. Although this mapping is useful for identifying prominent features within this RAA (e.g., buildings, roadways, river banks, etc.) and the locations of the soil sampling locations, additional detailed site mapping is required to support RD/RA activities. As a result, GE will develop a detailed site map for Former Oxbow Areas A and C that will include the following information:

- Existing buildings, structures;
- Paved, gravel and unpaved areas;
- Surface elevations and topography at certain portions of the RAA;
- 100-year floodplain demarcation;
- Property boundaries and easements (e.g., utilities and ROWs);
- Selected utilities (e.g., manholes, telephone poles, etc.);
- Other prominent site features.

3.4 Schedule for Future Activities

GE proposes to conduct the supplemental soil investigations described in Section 3.2 and present the results in a Supplemental PDI Report within four months from EPA approval of the present Pre-Design Report. This schedule assumes that GE can obtain property access in a timely manner, that no major weather-related delays are encountered, and that no significant additional data needs are identified. If these or other factors cause a delay in the schedule proposed above, GE will notify EPA and propose for EPA approval a revised schedule.

The Supplemental PDI Report will also include the results of the PCB data validation from the pre-design investigation, as well as an update regarding the validation of the ExxonMobil PCB data. Further, it will include, based on review of the supplemental PCB data collected and a preliminary RD/RA evaluation regarding non-PCB constituents at this RAA, an assessment of the need for additional data to complete the characterization or delineation of PCBs or other Appendix IX+3 constituents in soil, to determine the extent of expansion of the RAA boundaries in the vicinity of Parcels I9-5-2, I8-23-11, and I8-23-5, and/or to support the RD/RA evaluations to be presented in the Conceptual RD/RA Work Plan. If sufficient data exist, it will also propose an appropriate extension of the RAA boundaries.

If the data assessment in the Supplemental PDI Report indicates that additional data are needed, that report will include a proposal for obtaining those data and a proposed schedule for conducting those investigations and submitting a report on them, as well as thereafter submitting a Conceptual RD/RA Work Plan. If GE concludes in the Supplemental PDI Report that no additional sampling is needed, that report will include a proposed schedule for submitting the Conceptual RD/RA Work Plan for Former Oxbow Areas A and C.

In addition, in accordance with a prior agreement between GE and EPA under Paragraph 56.b of the CD (as documented in a letter from GE to EPA dated February 15, 2002), GE is required to provide a notice to EPA and MDEP following submission of the Pre-Design Report as to whether the owners of the non-GE-owned non-residential properties within this RAA would agree to execute and record EREs on their properties if the conditions for EREs (i.e., not achieving residential standards) are met. This notice is due one month after submission of the Pre-Design Report or at such other time as is proposed by GE and approved by EPA at the time of submission of that report. GE proposes to defer the required notice to EPA and MDEP on this matter until one month from the later of: (a) the date of submission of the Supplemental PDI Report; or (b) the date of submission of any subsequent additional supplemental pre-design investigation report that may be proposed in the Supplemental PDI Report.

Tables

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TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-B24	0-1	4/2/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	24	32	56
RAA11-B25	0-1	4/2/2003	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	110	ND(4.0)	110
RAA11-C17	3-6	3/31/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	3/31/2003	ND(0.81)	ND(0.81)	ND(0.81)	ND(0.81)	ND(0.81)	7.4	5.8	13.2
	10-15	3/31/2003	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	7.9	6.7	14.6
RAA11-C18	0-1	3/31/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.032 J	0.032 J
RAA11-C19	0-1	3/31/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.36	0.36
	3-6	3/31/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.052	0.052
	6-10	3/31/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.97	0.75	1.72
	10-15	3/31/2003	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	1.6	1.4	3.0
RAA11-C21	0-1	4/1/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.086	0.086
	3-6	4/1/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	4/1/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.073	0.051	0.124
	10-15	4/1/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA11-C24	0-1	4/2/2003	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	120	120
RAA11-C25	1-3	4/2/2003	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	8.7	6.1	14.8
	3-6	4/2/2003	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	1.4	0.30	1.7
	6-10	4/2/2003	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
	10-15	4/2/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-D14	0-1	3/25/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.36	0.53	0.89
RAA11-D15	0-1	3/25/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	1.2	1.2
RAA11-D16	0-1	3/25/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-D17	0-1	3/31/2003	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
RAA11-D19	0-1	3/25/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-D24	0-1	4/1/2003	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	96	96
RAA11-E13	0-1	3/28/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.25	0.25
	1-3	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.067	0.067
	3-6	3/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.4	0.16	1.56
	6-10	3/28/2003	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	1.6	0.71	2.31
	10-15	3/28/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.028 J	0.015 J	0.043 J
RAA11-E14	0-1	3/28/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.22	0.19	0.41
RAA11-E15	0-1	3/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.29	0.41	0.70
	1-3	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.14	0.094	0.234
	3-6	3/28/2003	ND(0.038) [ND(0.19)]	ND(0.038) [ND(0.19)]	ND(0.038) [ND(0.19)]	ND(0.038) [ND(0.19)]	ND(0.038) [ND(0.19)]	0.79 [2.6]	0.27 [ND(0.19)]	1.06 [2.6]
	6-8	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.93	ND(0.038)	0.93
RAA11-E16	0-1	3/31/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-E17	0-1	3/31/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)
	1-3	3/31/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.10	0.34	0.44
	3-6	3/31/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.21	0.21
	6-10	3/31/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.097	0.097
	10-15	3/31/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.44	0.65	1.09
RAA11-E18	0-1	4/1/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.042	ND(0.039)	0.042
	1-3	4/1/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	4/1/2003	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	2.6	0.98	3.58
RAA11-E19	0-1	4/1/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-3	4/1/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	4/1/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.11	0.30	0.41
	6-10	4/1/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [0.90]	0.86 [1.4]	0.86 [2.3]
	10-15	4/1/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	43	43
RAA11-E20	0-1	3/25/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-E23	1-3	4/2/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.40	0.11	0.51
	3-6	4/2/2003	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	6.7	2.3	9.0
	6-10	4/2/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.089	ND(0.044)	0.089
	10-15	4/2/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-E25	1-3	4/1/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	2.4	1.4	3.8
	3-6	4/1/2003	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.1)	49	11	60
	6-10	4/2/2003	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.077	ND(0.050)	0.077
	10-15	4/2/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA11-E27	10-15	4/2/2003	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
RAA11-F12	0-1	3/25/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-F13	0-1	3/25/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-F14	0-1	3/25/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-F15	0-1	3/25/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-F16	0-1	3/25/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-F17	0-1	3/25/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-F27	0-1	4/2/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.94	ND(0.19)	0.94
RAA11-G12	0-1	3/25/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-G13	0-1	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.045	ND(0.038)	0.045
	1-3	3/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.098	0.062	0.16
	3-6	3/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.57	0.80	1.37
	6-10	3/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.42	0.49	0.91
	10-15	3/28/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA11-G14	0-1	3/25/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA11-G15	0-1	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-3	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.078	0.11	0.188
	3-6	3/28/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.7	1.5	3.2
	6-10	3/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.2	1.1	2.3
	10-15	3/28/2003	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	4.0	4.7	8.7
RAA11-G21	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.17	0.052	0.222
	1-3	4/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.032 J	0.041	0.073
	3-6	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.020 J	0.020 J
	6-10	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.1	1.0	2.1
	10-15	4/8/2003	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	ND(0.95)	12	8.0	20
RAA11-G22	0-1	4/8/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-G23	1-3	4/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.4	0.34	1.74
	3-6	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.38	0.14	0.52
	6-10	4/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.4	0.39	1.79
	10-15	4/8/2003	ND(4.8)	ND(4.8)	ND(4.8)	ND(4.8)	ND(4.8)	ND(4.8)	26	26
RAA11-G25	1-3	4/2/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	3.6	4.2	7.8
	3-6	4/2/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	5.6	6.7	12.3
	6-10	4/2/2003	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	2.3	ND(0.22)	2.3
	10-15	4/2/2003	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	4.9	10	14.9
RAA11-G27	0-1	4/3/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.69	0.64	1.33
	1-3	4/3/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.5	0.72	2.22
	3-6	4/3/2003	ND(0.87) [ND(0.21)]	ND(0.87) [ND(0.21)]	ND(0.87) [ND(0.21)]	ND(0.87) [ND(0.21)]	ND(0.87) [ND(0.21)]	2.6 [2.3]	ND(0.87) [1.0]	2.6 [3.3]
	6-10	4/3/2003	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	1.1	1.5	2.6
	10-15	4/3/2003	ND(0.073)	ND(0.073)	ND(0.073)	ND(0.073)	ND(0.073)	1.1	0.74	1.84
RAA11-H11	0-1	3/26/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.52	0.52
RAA11-H12	0-1	3/25/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA11-H13	0-1	4/14/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.14	0.14
RAA11-H14	0-1	4/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-H15	0-1	3/25/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA11-H18	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-H19	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-H20	0-1	4/8/2003	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]
RAA11-H21	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.034 J	0.144
RAA11-H23	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-H26	0-1	4/2/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.2	0.56	1.76

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-HI25.5	0-1	5/2/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.28	0.28
	1-3	5/2/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.42	0.27	0.69
	3-6	5/2/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	5/2/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	5/2/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA11-I11	0-1	3/26/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-3	3/26/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	3/26/2003	ND(0.81) [ND(2.0)]	ND(0.81) [ND(2.0)]	ND(0.81) [ND(2.0)]	ND(0.81) [ND(2.0)]	ND(0.81) [ND(2.0)]	ND(0.81) [ND(2.0)]	7.3 [6.7]	7.3 [6.7]
	6-10	3/26/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.73	0.64	1.37
	10-15	3/26/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA11-I12	0-1	4/16/2003	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	5.5	5.1	10.6
RAA11-I13	0-1	4/16/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	22	22
	1-3	4/16/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	11	11	22
	3-5	4/16/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	14	14
RAA11-I13-LP	0-2	4/17/2003	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	35	43	78
	2-4	4/17/2003	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	34	55	89
	4-7	4/17/2003	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	25	25
RAA11-I14	0-1	4/16/2003	ND(0.81)	ND(0.81)	ND(0.81)	ND(0.81)	ND(0.81)	10	6.3	16.3
RAA11-I15	0-1	4/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.041	ND(0.039)	0.041
	1-3	4/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.47	0.21	0.68
	3-6	4/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.21	0.29	0.50
	6-10	4/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.11	0.074	0.184
	10-15	4/10/2003	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	40	40
RAA11-I16	0-1	4/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.072	0.072
RAA11-I17	0-1	4/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.075	ND(0.038)	0.075
	1-3	4/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.35	0.18	0.53
	3-6	4/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.7	1.7
	6-10	4/10/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.2	5.1	7.3
	10-15	4/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.54	0.81	1.35
RAA11-I18	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.4	0.72	2.12
RAA11-I19	0-1	4/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.59	0.59
	1-3	4/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.21	0.21
	3-6	4/10/2003	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	ND(0.78)	3.7	3.3	7.0
	6-10	4/10/2003	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	5.8	5.2	11
	10-15	4/10/2003	ND(0.90) [ND(0.044)]	ND(0.90) [ND(0.044)]	ND(0.90) [ND(0.044)]	ND(0.90) [ND(0.044)]	ND(0.90) [ND(0.044)]	5.3 [0.61]	5.8 [0.41]	11.1 [1.02]
RAA11-I20	0-1	4/14/2003	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [ND(0.037)]	ND(0.036) [0.036 J]	0.078 [0.064]	0.078 [0.10]
RAA11-I21	0-1	4/9/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.027 J	0.025 J	0.052 J
	1-3	4/9/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.058	0.051	0.109
	3-6	4/9/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	6.0	5.2	11.2
	6-10	4/9/2003	ND(0.44) [ND(4.5)]	ND(0.44) [ND(4.5)]	ND(0.44) [ND(4.5)]	ND(0.44) [ND(4.5)]	ND(0.44) [ND(4.5)]	3.8 [ND(4.5)]	2.7 [7.0]	6.5 [7.0]
	10-15	4/9/2003	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.3	3.9	7.2
RAA11-I22	0-1	4/8/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.11	0.095	0.205
RAA11-I23	1-3	4/9/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	3-6	4/9/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	5.3	3.9	9.2
	6-10	4/9/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	2.9	3.0	5.9
	10-15	4/9/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	1.7	1.2	2.9
RAA11-I25	0-1	4/3/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.17	0.49	0.66
	1-3	4/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	4/3/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	4/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	4/3/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-J11	0-1	3/25/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.4	2.3	4.7
RAA11-J12	0-1	4/16/2003	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	7.1	7.6	14.7

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-J12-LP	0-2	4/16/2003	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	5.5	5.6	11.1
	2-4	4/16/2003	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	ND(0.83)	22	22
	4-6	4/16/2003	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	4.2	3.7	7.9
	6-8	4/16/2003	ND(0.87)	ND(0.87)	ND(0.87)	ND(0.87)	ND(0.87)	5.8	4.7	10.5
	8-10	4/16/2003	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	ND(0.86)	4.4	3.8	8.2
	10-12	4/16/2003	ND(0.87)	ND(0.87)	ND(0.87)	ND(0.87)	ND(0.87)	5.5	4.2	9.7
RAA11-J13	0-1	4/16/2003	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	8.4	7.7	16.1
RAA11-J14	0-1	4/14/2003	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	5.0	5.4	10.4
RAA11-J15	0-1	4/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.048	0.048
RAA11-J16	0-1	4/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.035 J	0.028 J	0.063 J
RAA11-J17	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.38	0.22	0.60
RAA11-J18	0-1	4/14/2003	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	1.7	1.1	2.8
RAA11-J19	0-1	4/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.060	0.060
RAA11-J20	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.037 J	0.037 J
RAA11-J21	0-1	4/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.10	0.14	0.24
RAA11-J24	0-1	4/8/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.82	1.4	2.22
RAA11-J25	0-1	4/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.21	0.11	0.32
RAA11-K10	0-1	3/26/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-K11	0-1	3/26/2003	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	7.2	8.4	15.6
	1-3	3/26/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	5.4	6.0	11.4
	3-6	3/26/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.0	1.0	2.0
	6-10	3/26/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	3/26/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.99	0.99
RAA11-K12	0-1	4/17/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	8.2	10	18.2
RAA11-K12-LP	0-2	4/17/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	5.8	8.6	14.4
	2-4	4/17/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	6.3	8.4	14.7
	4-6	4/17/2003	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	7.1	9.3	16.4
	6-8	4/17/2003	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	7.0	8.8	15.8
	8-11	4/17/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	6.3	8.9	15.2
RAA11-K13	0-1	4/15/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.36	0.34	0.70
	1-3	4/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.067	0.090	0.157
	3-6	4/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.12	0.074	0.194
	6-10	4/15/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.087 [0.062]	0.087 [0.062]
	10-15	4/15/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.12	0.12
RAA11-K14	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.40	0.52	0.92
RAA11-K15	0-1	4/15/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.11	0.089	0.199
	1-3	4/15/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.2	0.63	1.83
	3-6	4/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.18	0.18
	6-10	4/15/2003	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)]	0.082 [0.089]	0.064 [0.048]	0.146 [0.137]
	10-15	4/15/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.074	0.068	0.142
RAA11-K16	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.14	ND(0.040)	0.14
RAA11-K17	0-1	4/10/2003	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	7.0	3.3	10.3
	1-3	4/10/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.8	3.0	4.8
	3-6	4/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.13	0.10	0.23
	6-10	4/10/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	4/10/2003	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	2.7	3.0	5.7
RAA11-K18	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.97	0.56	1.53
RAA11-K19	0-1	4/9/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.049	0.051	0.10
	1-3	4/9/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	12	7.8	19.8
	3-6	4/9/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	3.4	4.1	7.5
	6-10	4/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.72	0.67	1.39
	10-15	4/9/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	3.0	3.0
RAA11-K20	0-1	4/8/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.048	0.039 J	0.087

TABLE 1
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PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-K21	1-3	4/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.28	0.23	0.51
	3-6	4/9/2003	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	15	15
	6-10	4/9/2003	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	10	9.2	19.2
	10-15	4/9/2003	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA11-K23	0-1	4/3/2003	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	4.8	4.8
	1-3	4/3/2003	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	3.2	3.2
	3-6	4/3/2003	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	3.1	3.1
	6-10	4/3/2003	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.7	2.5	4.2
	10-15	4/3/2003	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
RAA11-K24	0-1	4/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.086	0.046	0.132
RAA11-L10	0-1	3/26/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA11-L11	0-1	4/16/2003	ND(0.20) [ND(0.41)]	ND(0.20) [ND(0.41)]	ND(0.20) [ND(0.41)]	ND(0.20) [ND(0.41)]	ND(0.20) [ND(0.41)]	1.4 [ND(0.41)]	1.7 [3.0]	3.1 [3.0]
RAA11-L12	0-1	4/16/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.7	1.8	3.5
RAA11-L13	0-1	4/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.37	0.37
RAA11-L14	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-L15	0-1	4/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-L16	0-1	4/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.057	ND(0.040)	0.057
RAA11-L17	0-1	4/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.12	0.11	0.23
RAA11-L18	0-1	4/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.042	ND(0.039)	0.042
RAA11-L19	0-1	4/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.18	0.22	0.40
RAA11-L22	0-1	4/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.016 J	0.023 J	0.039 J
RAA11-L23	0-1	4/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.065	0.065
RAA11-M10	0-1	3/25/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.082	0.082
RAA11-M11	0-1	3/26/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.2	ND(0.036)	1.2
	1-3	3/26/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	3/26/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	3/26/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
	10-15	3/26/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA11-M12	0-1	4/14/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.13	0.13
RAA11-M13	0-1	4/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.18	0.23	0.41
	1-3	4/15/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.047	0.047
	3-6	4/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.70	0.70
	6-10	4/15/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.47	0.75	1.22
	10-15	4/15/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	1.2	1.2
RAA11-M14	0-1	4/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.082	0.082
RAA11-M16	0-1	4/14/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.1	0.69	2.79
RAA11-M17	0-1	4/17/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	7.9	23	19	49.9
	1-3	4/17/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.17	0.26	0.43
	3-6	4/17/2003	ND(0.73)	ND(0.73)	ND(0.73)	ND(0.73)	1.5	5.5	4.3	11.3
	6-10	4/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.11
	10-15	4/17/2003	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	45	45
RAA11-M18	0-1	4/14/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.27	0.16	0.43
RAA11-M19	0-1	4/9/2003	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	13	6.4	19.4
	1-3	4/9/2003	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	6.3	4.3	10.6
	3-6	4/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.67	0.67
	6-10	4/9/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	10-15	4/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-M21	10-15	4/3/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-M22	0-1	4/8/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.031 J	0.031 J
RAA11-N9	0-1	3/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA11-N10	0-1	3/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.053	0.062	0.115
RAA11-N11	0-1	4/16/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.019 J	0.019 J
RAA11-N12	0-1	4/16/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.29	0.18	0.47
RAA11-N13	0-1	4/21/2003	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	ND(0.042) [ND(0.039)]	0.28 [0.19]	0.44 [0.33]	0.72 [0.52]

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-N14	0-1	4/21/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.23	0.60	0.83
RAA11-N15	0-1	4/21/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.31	0.70	1.01
RAA11-N16	0-1	4/21/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.21	0.11	0.32
RAA11-N17	0-1	4/21/2003	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	20	6.4	26.4
RAA11-N18	0-1	4/21/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	12	6.5	18.5
RAA11-N19	0-1	4/21/2003	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	24	24
RAA11-O8	0-1	4/21/2003	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	3.2	3.2
RAA11-O9	0-1	4/18/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.56	0.56
	1-3	4/18/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.033 J	0.033 J
	3-6	4/18/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	4/18/2003	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	6.1	4.8	10.9
RAA11-O10	0-1	4/21/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.020 J	0.020 J
RAA11-O11	0-1	4/18/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	4/18/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.032 J	0.032 J
	3-6	4/18/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.078	0.078
	6-10	4/18/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.11
	10-15	4/18/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.3	1.3
RAA11-O12	0-1	4/18/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.073	0.073
RAA11-O13	0-1	4/17/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	0.10 [0.061]	0.10 [0.061]
	1-3	4/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	4/17/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.35	0.35
	6-10	4/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.062	0.062
	10-15	4/17/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.078	0.078
RAA11-O14	0-1	4/21/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.5	1.5
RAA11-O15	0-1	4/22/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.10	0.10
	1-3	4/22/2003	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]	ND(0.037) [ND(0.036)]
	3-6	4/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.46	0.46
	6-10	4/22/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.89	0.89
	10-15	4/22/2003	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.82)	7.8	7.8
RAA11-O16	0-1	4/21/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.59	0.59
RAA11-O17	0-1	4/22/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.22	0.59	0.81
	1-3	4/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.078	0.078
	3-6	4/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.068	0.068
	6-10	4/22/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	1.0	1.0
	10-15	4/22/2003	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	25	25
RAA11-O18	0-1	4/21/2003	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	8.6	8.6
RAA11-O19	10-15	4/22/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-P8	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.91	0.91
RAA11-P9	0-1	4/4/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.62	0.62
RAA11-P10	0-1	4/4/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.44	0.44
RAA11-P11	0-1	4/4/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	12	12
RAA11-P12	0-1	4/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.098	0.098
RAA11-P13	0-1	4/24/2003	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	6.4	5.0	11.4
RAA11-P14	0-1	4/21/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.084	0.084
RAA11-P16	0-1	4/21/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.6	1.6
RAA11-P17	0-1	4/21/2003	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	ND(21)	140	140
RAA11-P18	0-1	4/21/2003	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	12	12
RAA11-Q7	0-1	4/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.58	0.58
	1-3	4/28/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.13	0.13
	3-6	4/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.22	0.22
	6-10	4/28/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.35 [0.30]	0.35 [0.30]
	10-15	4/28/2003	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	6.1	6.1
RAA11-Q8	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.026 J	0.026 J

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-Q9	0-1	4/28/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.022 J	0.022 J
	1-3	4/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	4/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.54	0.54
	6-10	4/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.14	0.12	0.26
	10-15	4/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.17	0.17
RAA11-Q10	0-1	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.066	0.066
RAA11-Q11	0-1	4/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.45	0.45
	1-3	4/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.74	0.74
	3-6	4/4/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.18	0.18
	6-10	4/4/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.032 J	0.032 J
	10-15	4/4/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	14	14
RAA11-Q12	0-1	4/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.51	0.51
RAA11-Q13	0-1	4/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.098	0.098
	1-3	4/23/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.032 J	0.032 J
	3-6	4/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.039	0.039
	6-10	4/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.74	0.74
	10-15	4/23/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.16	0.16
RAA11-Q14	0-1	4/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.16	0.16
RAA11-Q15	0-1	4/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-3	4/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.064	0.064
	3-6	4/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.051	0.051
	6-10	4/22/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.18	0.18
	10-15	4/22/2003	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	4.7	4.7
RAA11-Q16	0-1	4/24/2003	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	12	17	29
RAA11-Q17	0-1	4/22/2003	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	160	160
	6-10	4/22/2003	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)	72	72
	10-15	4/22/2003	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	ND(22)	150	150
RAA11-Q18	0-1	4/24/2003	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.28	0.28
RAA11-R2	0-1	5/5/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.8	1.8
RAA11-R4	0-1	5/6/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.1	2.1
RAA11-R5	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.53	0.53
RAA11-R6	0-1	5/7/2003	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	3.8	3.8
RAA11-R7	0-1	5/7/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA11-R8	0-1	4/29/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA11-R9	0-1	5/7/2003	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	0.028 J [ND(0.035)]	0.028 J [ND(0.035)]
RAA11-R10	0-1	5/7/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.023 J	0.023 J
RAA11-R11	0-1	5/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.039	0.039
RAA11-R12	0-1	4/24/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.038	0.069	0.107
RAA11-R13	0-1	4/24/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.8	1.3	3.1
RAA11-R14	0-1	4/24/2003	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	ND(0.038) [ND(0.040)]	0.023 J [ND(0.040)]	0.026 J [0.068]	0.049 J [0.068]
RAA11-R15	0-1	4/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.11
RAA11-R16	0-1	4/24/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	2.4	2.4
RAA11-R17	0-1	4/24/2003	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	130	130
RAA11-R18	0-1	4/24/2003	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	1.0	1.0
RAA11-S2	0-1	5/5/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	18	18
RAA11-S3	0-1	4/29/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.044	0.044
	1-3	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.036 J	0.036 J
	3-6	4/29/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.092	0.092
	6-10	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	4/29/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-S4	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	1.7	1.7
RAA11-S5	0-1	4/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.99	0.99
	3-6	4/28/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	32	32
	10-15	4/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.17	0.038	0.208

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-S6	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.15	0.15
RAA11-S7	0-1	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.20	ND(0.037)	0.20
	1-3	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.58	ND(0.037)	0.58
	3-6	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.50	ND(0.037)	0.50
	6-10	4/29/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.21	ND(0.042)	0.21
	10-15	4/29/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA11-S8	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.058	0.058
RAA11-S9	0-1	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.25	0.10	0.35
	6-10	4/29/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.059	0.189
	10-15	4/29/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-S10	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.31	0.12	0.43
RAA11-S11	0-1	5/1/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.34	0.070	0.41
	1-3	5/1/2003	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	3.1	ND(0.36)	3.1
	3-6	5/1/2003	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	1.9	1.2	3.1
	6-10	5/1/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.38	0.37	0.75
	10-15	5/1/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	15-18	5/1/2003	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)	1.3	1.3
RAA11-S12	0-1	5/5/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.14	0.10	0.24
RAA11-S13	0-1	4/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.10	0.13	0.23
	1-3	4/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.098	0.098
	3-6	4/23/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.080	0.12	0.20
	6-10	4/23/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.15	0.15
	10-15	4/23/2003	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	85	85
RAA11-S14	0-1	4/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.052	0.052
RAA11-S15	0-1	4/23/2003	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	1.6	1.6	3.2
	1-3	4/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.61	0.37	0.98
	3-6	4/23/2003	ND(0.040) [ND(0.40)]	ND(0.040) [ND(0.40)]	ND(0.040) [ND(0.40)]	ND(0.040) [ND(0.40)]	ND(0.040) [ND(0.40)]	ND(0.040) [ND(0.40)]	0.72 [5.1]	0.72 [5.1]
	6-10	4/23/2003	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	13	13
	10-15	4/23/2003	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)	ND(0.062)	0.26	0.26
RAA11-S16	0-1	4/24/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.048	0.088	0.136
RAA11-S17	0-1	4/23/2003	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	280	280
	10-15	4/23/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.16	0.16
RAA11-T2	0-1	5/6/2003	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	53	53
RAA11-T3	0-1	5/5/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.11	0.11
RAA11-T4	0-1	4/30/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.034 J	0.034 J
RAA11-T5	0-1	5/6/2003	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	0.033 J [0.036 J]	0.033 J [0.036 J]
RAA11-T6	0-1	4/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA11-T7	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.040	0.040
RAA11-T8	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.11	0.11
RAA11-T9	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.53	0.53
RAA11-T10	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	0.14	ND(0.036)	0.18	0.064	0.384
RAA11-T11	0-1	5/5/2003	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	8.4	ND(1.8)	8.4
RAA11-T12	0-1	5/1/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.16 [0.21]	0.043 [0.063]	0.203 [0.273]
RAA11-U3	0-1	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.046	0.046
	1-3	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	4/29/2003	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [0.039]	ND(0.038) [0.039]
	6-10	4/29/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	4/29/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA11-U4	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.040	0.040

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-U5	0-1	4/29/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	4/29/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	4/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	4/29/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	15-21	4/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA11-U6	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA11-U7	0-1	4/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	4/30/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.033 J	0.033 J
	3-6	4/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	4/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	4/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	15-19	4/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA11-U8	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.021 J	0.023 J	0.044 J
RAA11-U9	0-1	4/30/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	4/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-10	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	15-18	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-U10	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.078	0.084	0.162
RAA11-U11	0-1	5/1/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.79	0.41	1.2
	1-3	5/1/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.19	0.15	0.34
	3-6	5/1/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	5/1/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	5/1/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA11-U12	0-1	5/5/2003	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	0.098 [ND(0.040)]	0.11 [0.16]	0.208 [0.16]
RAA11-V5	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.35	0.35
RAA11-V6	0-1	5/6/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.4	2.4
RAA11-V7	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.098	0.059	0.157
RAA11-V8	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.037	0.037
RAA11-V10	0-1	5/5/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.066	ND(0.036)	0.066
RAA11-V11	0-1	5/5/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.067	0.187
RAA11-V12	0-1	5/5/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-W5	0-1	4/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-3	4/30/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	4/30/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-10	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-W6	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.090	0.090
RAA11-W7	0-1	4/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.13	0.13
	1-3	4/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.31	0.31
	3-6	4/30/2003	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
	6-10	4/30/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	4/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA11-W8	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA11-W10	0-1	5/5/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.054	ND(0.036)	0.054
RAA11-W11	0-1	5/2/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-3	5/2/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	5/2/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-10	5/2/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	5/2/2003	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [0.086]	ND(0.037) [ND(0.037)]	ND(0.037) [0.086]
RAA11-W12	0-1	5/5/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.023 J	ND(0.037)	0.023 J
RAA11-X5	0-1	5/6/2003	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	6.8	6.8

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-X6	0-1	5/6/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.13	0.13
RAA11-X7	0-1	5/6/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA11-X8	0-1	5/6/2003	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	21	21
RAA11-X10	0-1	5/5/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.026 J	ND(0.036)	0.026 J
RAA11-X11	0-1	5/5/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.068	ND(0.038)	0.068

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

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

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-C17 0-1 03/31/03	RAA11-C19 0-1 03/31/03	RAA11-C21 0-1 04/01/03	RAA11-C21 10-15 04/01/03	RAA11-C21 14-15 04/01/03	RAA11-C23 0-1 04/02/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	ND(0.14) J	ND(0.12) J
2-Butanone		ND(0.011) J	ND(0.011)	0.054	NA	ND(0.014)	ND(0.012)
Acetone		ND(0.021) J	ND(0.022)	0.23	NA	ND(0.028)	ND(0.024)
Benzene		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Chlorobenzene		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Ethylbenzene		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Methylene Chloride		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Tetrachloroethene		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Styrene		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Toluene		ND(0.0054) J	0.0034 J	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Xylenes (total)		ND(0.0054) J	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	ND(0.0061)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.36) J	ND(0.37) J	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,2,4-Trichlorobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,2-Dichlorobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,2-Diphenylhydrazine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,3,5-Trinitrobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,3-Dichlorobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,3-Dinitrobenzene		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
1,4-Dichlorobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
1,4-Naphthoquinone		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
1-Naphthylamine		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
2,3,4,6-Tetrachlorophenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41) J
2,4,5-Trichlorophenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2,4,6-Trichlorophenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2,4-Dichlorophenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2,4-Dimethylphenol		0.29 J	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2,4-Dinitrophenol		ND(1.8) J	ND(1.9) J	ND(1.9) J	ND(2.5) J	NA	ND(2.1) J
2,4-Dinitrotoluene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2,6-Dichlorophenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2,6-Dinitrotoluene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2-Acetylaminofluorene		ND(0.72)	0.40 J	ND(0.76)	ND(0.99)	NA	ND(0.82)
2-Chloronaphthalene		0.24 J	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2-Chlorophenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2-Methylnaphthalene		11	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2-Methylphenol		0.11 J	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
2-Naphthylamine		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
2-Nitroaniline		ND(1.8) J	ND(1.9) J	ND(1.9) J	ND(2.5) J	NA	ND(2.1)
2-Nitrophenol		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
2-Picoline		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
3&4-Methylphenol		0.42 J	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
3,3'-Dichlorobenzidine		ND(0.72)	ND(0.75)	ND(0.76) J	ND(0.99) J	NA	ND(0.82)
3,3'-Dimethylbenzidine		ND(0.36) J	0.31 J	ND(0.38)	ND(0.49)	NA	ND(0.41)
3-Methylcholanthrene		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
3-Nitroaniline		ND(1.8)	ND(1.9)	ND(1.9)	ND(2.5)	NA	ND(2.1)
4,6-Dinitro-2-methylphenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
4-Aminobiphenyl		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
4-Bromophenyl-phenylether		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
4-Chloroaniline		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
4-Chlorobenzilate		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
4-Nitroaniline		ND(1.8)	ND(1.9)	ND(1.9)	ND(2.5)	NA	ND(2.1)
4-Nitrophenol		ND(1.8)	ND(1.9)	ND(1.9)	ND(2.5)	NA	ND(2.1)
4-Nitroquinoline-1-oxide		ND(0.72) J	ND(0.75) J	ND(0.76)	ND(0.99)	NA	ND(0.82)
4-Phenylenediamine		ND(0.72)	ND(0.75)	ND(0.76) J	ND(0.99) J	NA	ND(0.82)
5-Nitro-o-toluidine		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
7,12-Dimethylbenz(a)anthracene		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
a,a'-Dimethylphenethylamine		ND(0.72) J	ND(0.75) J	ND(0.76) J	ND(0.99) J	NA	ND(0.82)
Acenaphthene		14	0.31 J	0.091 J	ND(0.49)	NA	0.61
Acenaphthylene		11	0.17 J	0.34 J	ND(0.49)	NA	ND(0.41)
Acetophenone		0.15 J	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Aniline		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Anthracene		47	0.69	0.43	ND(0.49)	NA	1.2

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-C17 0-1 03/31/03	RAA11-C19 0-1 03/31/03	RAA11-C21 0-1 04/01/03	RAA11-C21 10-15 04/01/03	RAA11-C21 14-15 04/01/03	RAA11-C23 0-1 04/02/03
Semivolatile Organics (continued)							
Aramite		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
Benzidine		ND(0.72) J	ND(0.75) J	ND(0.76) J	ND(0.99) J	NA	ND(0.82)
Benzo(a)anthracene		140	1.1	1.1	ND(0.49)	NA	2.5
Benzo(a)pyrene		100	0.82	1.2	0.11 J	NA	1.9
Benzo(b)fluoranthene		100	0.71	0.92	ND(0.49)	NA	1.4
Benzo(g,h,i)perylene		49	0.40	0.62	ND(0.49)	NA	0.80
Benzo(k)fluoranthene		77	0.72	0.82	ND(0.49)	NA	1.8
Benzyl Alcohol		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
bis(2-Chloroethoxy)methane		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
bis(2-Chloroethyl)ether		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
bis(2-Chloroisopropyl)ether		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
bis(2-Ethylhexyl)phthalate		ND(0.35)	0.23 J	0.20 J	ND(0.49)	NA	ND(0.40)
Butylbenzylphthalate		ND(0.36)	0.24 J	0.23 J	ND(0.49)	NA	ND(0.41)
Chrysene		110	0.96	0.97	ND(0.49)	NA	2.4
Diallate		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
Dibenzo(a,h)anthracene		18	0.22 J	0.22 J	ND(0.49)	NA	0.34 J
Dibenzofuran		15	0.26 J	0.076 J	ND(0.49)	NA	0.46
Diethylphthalate		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Dimethylphthalate		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Di-n-Butylphthalate		ND(0.36)	ND(0.37)	0.27 J	ND(0.49)	NA	ND(0.41)
Di-n-Octylphthalate		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Diphenylamine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41) J
Ethyl Methanesulfonate		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Fluoranthene		290	2.6	2.1	ND(0.49)	NA	4.8
Fluorene		35	0.46	0.14 J	ND(0.49)	NA	0.65
Hexachlorobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Hexachlorobutadiene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Hexachlorocyclopentadiene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Hexachloroethane		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Hexachlorophene		ND(0.72) J	ND(0.75) J	ND(0.76)	ND(0.99)	NA	ND(0.82)
Hexachloropropene		ND(0.36) J	ND(0.37) J	ND(0.38) J	ND(0.49) J	NA	ND(0.41) J
Indeno(1,2,3-cd)pyrene		48	0.40	0.59	ND(0.49)	NA	0.71
Isodrin		ND(0.36) J	ND(0.37) J	ND(0.38)	ND(0.49)	NA	ND(0.41)
Isophorone		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Isosafrole		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
Methapyrilene		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
Methyl Methanesulfonate		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Naphthalene		13	0.23 J	0.097 J	ND(0.49)	NA	0.73
Nitrobenzene		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitrosodiethylamine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitrosodimethylamine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitroso-di-n-butylamine		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
N-Nitroso-di-n-propylamine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitrosodiphenylamine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitrosomethylethylamine		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
N-Nitrosomorpholine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitrosopiperidine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
N-Nitrosopyrrolidine		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
o,o,o-Triethylphosphorothioate		ND(0.36) J	ND(0.37) J	ND(0.38)	ND(0.49)	NA	ND(0.41)
o-Toluidine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
p-Dimethylaminoazobenzene		ND(0.72)	ND(0.75)	ND(0.76) J	ND(0.99) J	NA	ND(0.82) J
Pentachlorobenzene		ND(0.36) J	ND(0.37) J	ND(0.38)	ND(0.49)	NA	ND(0.41)
Pentachloroethane		ND(0.36) J	ND(0.37) J	ND(0.38)	ND(0.49)	NA	ND(0.41)
Pentachloronitrobenzene		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82) J
Pentachlorophenol		ND(1.8)	ND(1.9)	ND(1.9)	ND(2.5)	NA	ND(2.1)
Phenacetin		ND(0.72)	ND(0.75)	ND(0.76)	ND(0.99)	NA	ND(0.82)
Phenanthrene		240	2.6	1.2	ND(0.49)	NA	4.9
Phenol		0.29 J	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Pronamide		ND(0.36) J	ND(0.37) J	ND(0.38) J	ND(0.49) J	NA	ND(0.41)
Pyrene		340	1.9	1.8	ND(0.49)	NA	6.4
Pyridine		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Safrole		ND(0.36)	ND(0.37)	ND(0.38)	ND(0.49)	NA	ND(0.41)
Thionazin		ND(0.36) J	ND(0.37) J	ND(0.38) J	ND(0.49) J	NA	ND(0.41)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-C17 0-1 03/31/03	RAA11-C19 0-1 03/31/03	RAA11-C21 0-1 04/01/03	RAA11-C21 10-15 04/01/03	RAA11-C21 14-15 04/01/03	RAA11-C23 0-1 04/02/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		ND(0.000045)	ND(0.0000050)	ND(0.0000025) X	ND(0.0000016)	NA	0.000016 Y
TCDFs (total)		ND(0.000045)	ND(0.0000050) Q	0.000011	ND(0.0000015)	NA	0.00014
1,2,3,7,8-PeCDF		ND(0.000054)	0.0000016 J	ND(0.0000015) X	ND(0.0000038)	NA	0.000016 J
2,3,4,7,8-PeCDF		ND(0.000054)	0.0000096 J	0.0000050 J	ND(0.0000038)	NA	0.000032
PeCDFs (total)		ND(0.000054)	0.00010 Q	0.000061 QJ	ND(0.0000038)	NA	0.00034 QJ
1,2,3,4,7,8-HxCDF		ND(0.000055)	0.000016 J	ND(0.0000042) X	ND(0.0000038)	NA	0.000056
1,2,3,6,7,8-HxCDF		ND(0.000054)	0.0000057 J	0.0000032 J	ND(0.0000038)	NA	0.000020 J
1,2,3,7,8,9-HxCDF		ND(0.000061)	0.0000019 J	ND(0.0000026)	ND(0.0000038)	NA	0.000010 J
2,3,4,6,7,8-HxCDF		ND(0.000054)	0.000016 J	0.0000074 J	ND(0.0000038)	NA	0.000031
HxCDFs (total)		ND(0.000054)	0.00025	0.00010	ND(0.0000038)	NA	0.00046
1,2,3,4,6,7,8-HpCDF		ND(0.000054)	0.000019 J	0.000011 J	ND(0.0000018) X	NA	0.000066
1,2,3,4,7,8,9-HpCDF		ND(0.000062)	0.0000051 J	0.0000018 J	ND(0.0000038)	NA	0.000021 J
HpCDFs (total)		ND(0.000056)	0.000053	0.000032	ND(0.0000038)	NA	0.00019
OCDF		ND(0.00017)	0.000019 J	0.000012 J	ND(0.0000076)	NA	0.00018
Dioxins							
2,3,7,8-TCDD		ND(0.000046)	ND(0.0000019)	ND(0.0000013)	ND(0.0000017)	NA	ND(0.0000016) X
TCDDs (total)		ND(0.000054)	ND(0.0000041) Q	ND(0.0000013)	ND(0.0000049)	NA	ND(0.0000031)
1,2,3,7,8-PeCDD		ND(0.000054)	ND(0.0000024)	ND(0.0000026)	ND(0.0000038)	NA	ND(0.0000056) X
PeCDDs (total)		ND(0.000062)	0.0000067	0.0000020	ND(0.0000055)	NA	ND(0.0000027)
1,2,3,4,7,8-HxCDD		ND(0.000091)	ND(0.0000027)	ND(0.0000022) X	ND(0.0000038)	NA	ND(0.0000020) X
1,2,3,6,7,8-HxCDD		ND(0.000083)	0.0000038 J	ND(0.0000026)	ND(0.0000038)	NA	ND(0.0000043) X
1,2,3,7,8,9-HxCDD		ND(0.000088)	ND(0.0000026)	ND(0.0000026)	ND(0.0000038)	NA	0.0000027 J
HxCDDs (total)		ND(0.000087)	0.0000038	0.0000030	ND(0.0000065)	NA	0.000016
1,2,3,4,6,7,8-HpCDD		ND(0.000089)	0.000032	0.000016 J	ND(0.0000038)	NA	0.000054
HpCDDs (total)		ND(0.000089)	0.000062	0.000031	ND(0.0000038)	NA	0.000097
OCDD		0.00017 J	0.00022	0.00014	0.000011 J	NA	0.00038
Total TEQs (WHO TEFs)		0.000092	0.000012	0.0000067	0.0000053	NA	0.000036
Inorganics							
Antimony		ND(6.00)	ND(6.00)	1.00 B	1.20 B	NA	1.10 J
Arsenic		4.30	4.50	6.80	2.10 J	NA	6.50
Barium		24.0	30.0	41.0	38.0	NA	45.0
Beryllium		0.140 B	0.170 B	0.310 B	0.320 B	NA	0.260 B
Cadmium		0.220 B	0.230 B	0.910	0.560	NA	0.990
Chromium		4.40	5.20	9.80	9.00	NA	8.60
Cobalt		5.30	5.60	9.00	7.60	NA	8.10
Copper		16.0	15.0	24.0	12.0	NA	28.0
Cyanide		0.0960 B	ND(0.110)	ND(0.230)	0.0740 B	NA	0.130
Lead		33.0	38.0	60.0	8.50	NA	53.0
Mercury		ND(0.110) J	ND(0.110) J	0.0580 B	0.0770 B	NA	0.430
Nickel		9.00	10.0	16.0	12.0	NA	17.0
Selenium		ND(1.00) J	0.600 J	ND(1.00) J	ND(1.10) J	NA	ND(1.00)
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.10)	NA	ND(1.00)
Sulfide		14.0	7.20	7.20	550	NA	7.80
Thallium		ND(1.10) J	ND(1.10) J	1.40 J	ND(1.50) J	NA	1.80 J
Tin		ND(10.0)	ND(10.0)	ND(10.0)	ND(11.0)	NA	ND(10.0)
Vanadium		8.70	9.10	11.0	9.00	NA	28.0
Zinc		29.0	45.0	78.0	50.0	NA	82.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-C25 0-1 04/02/03	RAA11-C25 1-3 04/02/03	RAA11-C25 3-6 04/02/03	RAA11-C25 4-6 04/02/03	RAA11-C25 10-12 04/02/03	RAA11-C25 10-15 04/02/03
Volatile Organics							
1,4-Dioxane		ND(0.13) J	ND(0.13) J	NA	ND(0.14) J	ND(0.13) J	NA
2-Butanone		ND(0.013)	ND(0.013)	NA	ND(0.014)	0.039	NA
Acetone		ND(0.026)	ND(0.026)	NA	ND(0.027)	0.040	NA
Benzene		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Chlorobenzene		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Ethylbenzene		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Methylene Chloride		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Tetrachloroethene		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Styrene		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Toluene		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Xylenes (total)		ND(0.0064)	ND(0.0064)	NA	ND(0.0068)	ND(0.0063)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,2,4-Trichlorobenzene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,2-Dichlorobenzene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,2-Diphenylhydrazine		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,3,5-Trinitrobenzene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,3-Dichlorobenzene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,3-Dinitrobenzene		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
1,4-Dichlorobenzene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
1,4-Naphthoquinone		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
1-Naphthylamine		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
2,3,4,6-Tetrachlorophenol		ND(0.43) J	ND(0.43) J	ND(0.48) J	NA	NA	ND(0.69) J
2,4,5-Trichlorophenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2,4,6-Trichlorophenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2,4-Dichlorophenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2,4-Dimethylphenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2,4-Dinitrophenol		ND(2.2) J	ND(2.2) J	ND(2.4) J	NA	NA	ND(3.4) J
2,4-Dinitrotoluene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2,6-Dichlorophenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2,6-Dinitrotoluene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2-Acetylaminofluorene		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
2-Chloronaphthalene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2-Chlorophenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2-Methylnaphthalene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2-Methylphenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
2-Naphthylamine		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
2-Nitroaniline		ND(2.2)	ND(2.2)	ND(2.4)	NA	NA	ND(3.4)
2-Nitrophenol		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
2-Picoline		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
3&4-Methylphenol		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
3,3'-Dichlorobenzidine		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(1.4)
3,3'-Dimethylbenzidine		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
3-Methylcholanthrene		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
3-Nitroaniline		ND(2.2)	ND(2.2)	ND(2.4)	NA	NA	ND(3.4)
4,6-Dinitro-2-methylphenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
4-Aminobiphenyl		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
4-Bromophenyl-phenylether		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
4-Chloro-3-Methylphenol		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
4-Chloroaniline		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
4-Chlorobenzilate		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
4-Chlorophenyl-phenylether		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
4-Nitroaniline		ND(2.2)	ND(2.2)	ND(2.4)	NA	NA	ND(2.0)
4-Nitrophenol		ND(2.2)	ND(2.2)	ND(2.4)	NA	NA	ND(3.4)
4-Nitroquinoline-1-oxide		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
4-Phenylenediamine		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
5-Nitro-o-toluidine		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
7,12-Dimethylbenz(a)anthracene		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
a,a'-Dimethylphenethylamine		ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
Acenaphthene		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Acenaphthylene		0.14 J	ND(0.43)	0.19 J	NA	NA	ND(0.69)
Acetophenone		ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Aniline		ND(0.43)	0.36 J	ND(0.48)	NA	NA	ND(0.69)
Anthracene		0.086 J	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-C25 0-1 04/02/03	RAA11-C25 1-3 04/02/03	RAA11-C25 3-6 04/02/03	RAA11-C25 4-6 04/02/03	RAA11-C25 10-12 04/02/03	RAA11-C25 10-15 04/02/03
Semivolatile Organics (continued)						
Aramite	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
Benzidine	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(1.4)
Benzo(a)anthracene	0.35 J	0.32 J	0.70	NA	NA	ND(0.69)
Benzo(a)pyrene	0.38 J	0.44	1.1	NA	NA	ND(0.69)
Benzo(b)fluoranthene	0.28 J	0.24 J	0.47 J	NA	NA	ND(0.69)
Benzo(g,h,i)perylene	0.14 J	0.32 J	0.50	NA	NA	ND(0.69)
Benzo(k)fluoranthene	0.32 J	0.31 J	0.64	NA	NA	ND(0.69)
Benzyl Alcohol	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(1.4)
bis(2-Chloroethoxy)methane	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
bis(2-Chloroethyl)ether	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
bis(2-Chloroisopropyl)ether	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.42)	ND(0.47)	NA	NA	ND(0.40)
Butylbenzylphthalate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Chrysene	0.38 J	0.38 J	0.65	NA	NA	ND(0.69)
Diallate	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
Dibenzo(a,h)anthracene	0.088 J	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Dibenzofuran	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Diethylphthalate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Dimethylphthalate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Di-n-Butylphthalate	ND(0.43)	0.13 J	ND(0.48)	NA	NA	ND(0.69)
Di-n-Octylphthalate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Diphenylamine	ND(0.43) J	ND(0.43) J	ND(0.48) J	NA	NA	ND(0.69) J
Ethyl Methanesulfonate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Fluoranthene	0.56	0.25 J	0.42 J	NA	NA	ND(0.69)
Fluorene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Hexachlorobenzene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Hexachlorobutadiene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Hexachlorocyclopentadiene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Hexachloroethane	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Hexachlorophene	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(1.4)
Hexachloropropene	ND(0.43) J	ND(0.43) J	ND(0.48) J	NA	NA	ND(0.69) J
Indeno(1,2,3-cd)pyrene	0.18 J	0.27 J	0.39 J	NA	NA	ND(0.69)
Isodrin	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Isophorone	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Isosafrole	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
Methapyrilene	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
Methyl Methanesulfonate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Naphthalene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Nitrobenzene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitrosodiethylamine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitrosodimethylamine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitroso-di-n-butylamine	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
N-Nitroso-di-n-propylamine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitrosodiphenylamine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitrosomethylethylamine	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
N-Nitrosomorpholine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitrosopiperidine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
N-Nitrosopyrrolidine	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
o-Toluidine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
p-Dimethylaminoazobenzene	ND(0.86) J	ND(0.86) J	ND(0.96) J	NA	NA	ND(0.81) J
Pentachlorobenzene	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Pentachloroethane	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Pentachloronitrobenzene	ND(0.86) J	ND(0.86) J	ND(0.96) J	NA	NA	ND(0.81) J
Pentachlorophenol	ND(2.2)	ND(2.2)	ND(2.4)	NA	NA	ND(3.4)
Phenacetin	ND(0.86)	ND(0.86)	ND(0.96)	NA	NA	ND(0.81)
Phenanthrene	0.34 J	0.17 J	0.11 J	NA	NA	ND(0.69)
Phenol	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Pronamide	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Pyrene	0.68	0.46	0.99	NA	NA	ND(0.69)
Pyridine	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Safrole	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)
Thionazin	ND(0.43)	ND(0.43)	ND(0.48)	NA	NA	ND(0.69)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-C25 0-1 04/02/03	RAA11-C25 1-3 04/02/03	RAA11-C25 3-6 04/02/03	RAA11-C25 4-6 04/02/03	RAA11-C25 10-12 04/02/03	RAA11-C25 10-15 04/02/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
None Detected	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000068 Y	0.00018 Y	0.000020 Y	NA	NA	ND(0.0000012) X
TCDFs (total)	0.00050	0.0015	0.000090	NA	NA	ND(0.0000012)
1,2,3,7,8-PeCDF	0.000030 J	0.00017	0.0000085 J	NA	NA	ND(0.0000030)
2,3,4,7,8-PeCDF	0.000051	0.00016	0.0000082 J	NA	NA	ND(0.00000065) X
PeCDFs (total)	0.00063	0.0015 QIJ	0.000054	NA	NA	ND(0.0000030)
1,2,3,4,7,8-HxCDF	0.00015	0.00037	0.000014 J	NA	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDF	0.000054	0.00020	0.0000075 J	NA	NA	ND(0.0000030)
1,2,3,7,8,9-HxCDF	0.000025 J	0.000056	ND(0.0000032) X	NA	NA	ND(0.0000030)
2,3,4,6,7,8-HxCDF	0.000071	0.000092	0.0000046 J	NA	NA	ND(0.0000030)
HxCDFs (total)	0.0011	0.0015	0.000056	NA	NA	ND(0.0000030)
1,2,3,4,6,7,8-HpCDF	0.00038	0.00032	0.000018 J	NA	NA	0.00000094 J
1,2,3,4,7,8,9-HpCDF	0.000062	0.000075	0.0000029 J	NA	NA	ND(0.0000030)
HpCDFs (total)	0.00079	0.00050	0.000024	NA	NA	ND(0.0000030)
OCDF	ND(0.00036) X	ND(0.00027) X	0.000012 J	NA	NA	ND(0.0000060)
Dioxins						
2,3,7,8-TCDD	ND(0.0000043) X	ND(0.0000031) X	ND(0.0000017)	NA	NA	ND(0.0000013)
TCDDs (total)	0.000039	0.000023 QJ	ND(0.0000044)	NA	NA	ND(0.0000046)
1,2,3,7,8-PeCDD	ND(0.000026) X	0.0000068 J	ND(0.0000037)	NA	NA	ND(0.0000030)
PeCDDs (total)	0.00015	0.00010	0.0000029	NA	NA	ND(0.0000056)
1,2,3,4,7,8-HxCDD	0.000018 J	0.0000062 J	ND(0.0000037)	NA	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDD	0.000024 J	0.000011 J	ND(0.0000037)	NA	NA	ND(0.0000030)
1,2,3,7,8,9-HxCDD	0.000022 J	0.0000096 J	ND(0.0000037)	NA	NA	ND(0.0000030)
HxCDDs (total)	0.00035	0.000062	ND(0.0000037)	NA	NA	ND(0.0000050)
1,2,3,4,6,7,8-HpCDD	0.00016	0.000068	0.0000073 J	NA	NA	0.0000023 J
HpCDDs (total)	0.00033	0.00014	0.000014	NA	NA	0.0000023
OCDD	0.00094	0.00032	0.000023 J	NA	NA	0.0000085 J
Total TEQs (WHO TEFs)	0.000091	0.00019	0.000013	NA	NA	0.0000035
Inorganics						
Antimony	ND(6.0)	ND(6.0)	ND(6.0)	NA	NA	ND(6.00)
Arsenic	2.90	3.00	4.20	NA	NA	1.10 B
Barium	25.0	23.0	59.0	NA	NA	12.0 B
Beryllium	0.230 B	0.180 B	0.400 B	NA	NA	0.130 B
Cadmium	0.840	0.740	1.30	NA	NA	0.300 B
Chromium	12.0	11.0	77.0	NA	NA	4.60
Cobalt	5.40	5.40 B	8.90	NA	NA	3.90 B
Copper	58.0	71.0	100	NA	NA	5.70
Cyanide	0.230	0.190	0.140	NA	NA	ND(0.120)
Lead	58.0	120	140	NA	NA	2.70 J
Mercury	0.190	0.180	1.10	NA	NA	ND(0.120)
Nickel	8.70	9.50	15.0	NA	NA	5.80
Selenium	ND(1.00)	0.600 B	1.10 B	NA	NA	ND(1.00)
Silver	ND(1.00)	ND(1.00)	0.430 B	NA	NA	ND(1.00)
Sulfide	18.0	26.0	71.0	NA	NA	110
Thallium	4.60 J	1.30 J	1.40 J	NA	NA	ND(1.20) J
Tin	ND(10.0)	26.0	19.0	NA	NA	ND(10.0)
Vanadium	8.10	8.10	11.0	NA	NA	3.50 B
Zinc	84.0	110	140	NA	NA	27.0

TABLE 2
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PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-D17 0-1 03/31/03	RAA11-D17 10-15 03/31/03	RAA11-D17 12-14 03/31/03	RAA11-D18 3-6 03/31/03	RAA11-D19 0-1 03/25/03
Volatile Organics						
1,4-Dioxane		ND(0.11) J [ND(0.11) J]	NA	ND(0.14) J	NA	ND(0.12) J
2-Butanone		ND(0.011) [ND(0.011)]	NA	ND(0.014)	NA	0.027
Acetone		ND(0.022) [ND(0.022)]	NA	ND(0.029)	NA	0.029
Benzene		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059)
Chlorobenzene		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059) J
Ethylbenzene		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059) J
Methylene Chloride		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059)
Tetrachloroethene		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059) J
Styrene		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059) J
Toluene		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059) J
Xylenes (total)		ND(0.0055) [ND(0.0055)]	NA	ND(0.0072)	NA	ND(0.0059) J
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
1,2,4-Trichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
1,2-Dichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
1,2-Diphenylhydrazine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
1,3,5-Trinitrobenzene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
1,3-Dichlorobenzene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
1,3-Dinitrobenzene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
1,4-Dichlorobenzene		ND(0.36) [ND(0.36)]	0.12 J	NA	NA	ND(0.40)
1,4-Naphthoquinone		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
1-Naphthylamine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
2,3,4,6-Tetrachlorophenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,4,5-Trichlorophenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,4,6-Trichlorophenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,4-Dichlorophenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,4-Dimethylphenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,4-Dinitrophenol		ND(1.8) J [ND(1.9) J]	ND(2.3) J	NA	NA	ND(2.0) J
2,4-Dinitrotoluene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,6-Dichlorophenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2,6-Dinitrotoluene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2-Acetylaminofluorene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
2-Chloronaphthalene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2-Chlorophenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2-Methylnaphthalene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2-Methylphenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
2-Naphthylamine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
2-Nitroaniline		ND(1.8) J [ND(1.9) J]	ND(2.3) J	NA	NA	ND(2.0) J
2-Nitrophenol		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
2-Picoline		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
3&4-Methylphenol		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
3,3'-Dichlorobenzidine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
3,3'-Dimethylbenzidine		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
3-Methylcholanthrene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
3-Nitroaniline		ND(1.8) [ND(1.9)]	ND(2.3)	NA	NA	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
4-Aminobiphenyl		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
4-Bromophenyl-phenylether		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
4-Chloro-3-Methylphenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
4-Chloroaniline		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
4-Chlorobenzilate		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
4-Chlorophenyl-phenylether		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
4-Nitroaniline		ND(1.8) [ND(1.9)]	ND(2.3)	NA	NA	ND(2.0)
4-Nitrophenol		ND(1.8) [ND(1.9)]	ND(2.3)	NA	NA	ND(2.0)
4-Nitroquinoline-1-oxide		ND(0.73) J [ND(0.74) J]	ND(0.90) J	NA	NA	ND(0.80) J
4-Phenylenediamine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
5-Nitro-o-toluidine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
7,12-Dimethylbenz(a)anthracene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
a,a'-Dimethylphenethylamine		ND(0.73) J [ND(0.74) J]	ND(0.90) J	NA	NA	ND(0.80) J
Acenaphthene		0.27 J [0.25 J]	ND(0.45)	NA	NA	ND(0.40)
Acenaphthylene		0.60 [0.73]	0.41 J	NA	NA	ND(0.40)
Acetophenone		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Aniline		ND(0.36) [ND(0.36)]	0.099 J	NA	NA	ND(0.40) J
Anthracene		1.2 [1.4]	0.29 J	NA	NA	ND(0.40)

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Semivolatile Organics (continued)						
Aramite		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
Benzidine		ND(0.73) J [ND(0.74) J]	ND(0.90) J	NA	NA	ND(0.80) J
Benzo(a)anthracene		3.2 [3.7]	0.56	NA	NA	0.19 J
Benzo(a)pyrene		3.2 [3.6]	0.93	NA	NA	0.23 J
Benzo(b)fluoranthene		2.8 [2.8]	0.64	NA	NA	0.18 J
Benzo(g,h,i)perylene		1.8 [2.0]	0.58	NA	NA	0.16 J
Benzo(k)fluoranthene		2.5 [2.9]	0.64	NA	NA	0.19 J
Benzyl Alcohol		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
bis(2-Chloroethoxy)methane		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
bis(2-Chloroethyl)ether		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
bis(2-Chloroisopropyl)ether		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40) J
bis(2-Ethylhexyl)phthalate		ND(0.36) [0.19 J]	ND(0.44)	NA	NA	ND(0.39)
Butylbenzylphthalate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Chrysene		2.9 [3.3]	0.76	NA	NA	0.19 J
Diallate		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
Dibenzo(a,h)anthracene		0.88 [0.87]	0.16 J	NA	NA	ND(0.40)
Dibenzofuran		0.15 J [0.18 J]	ND(0.45)	NA	NA	ND(0.40)
Diethylphthalate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Dimethylphthalate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Di-n-Butylphthalate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Di-n-Octylphthalate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40) J
Diphenylamine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Ethyl Methanesulfonate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Fluoranthene		6.5 [7.0]	1.3	NA	NA	0.39 J
Fluorene		0.38 [0.40]	0.10 J	NA	NA	ND(0.40)
Hexachlorobenzene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Hexachlorobutadiene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Hexachlorocyclopentadiene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40) J
Hexachloroethane		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Hexachlorophene		ND(0.73) J [ND(0.74) J]	ND(0.90) J	NA	NA	ND(0.80) J
Hexachloropropene		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
Indeno(1,2,3-cd)pyrene		1.7 [1.7]	0.51	NA	NA	0.14 J
Isodrin		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
Isophorone		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Isosafrole		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
Methapyrilene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80) J
Methyl Methanesulfonate		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Naphthalene		0.10 J [0.14 J]	ND(0.45)	NA	NA	ND(0.40)
Nitrobenzene		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitrosodiethylamine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitrosodimethylamine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitroso-di-n-butylamine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
N-Nitroso-di-n-propylamine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitrosodiphenylamine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitrosomethylethylamine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
N-Nitrosomorpholine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitrosopiperidine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
N-Nitrosopyrrolidine		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
o,o,o-Triethylphosphorothioate		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
o-Toluidine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
p-Dimethylaminoazobenzene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
Pentachlorobenzene		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
Pentachloroethane		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
Pentachloronitrobenzene		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
Pentachlorophenol		ND(1.8) [ND(1.9)]	ND(2.3)	NA	NA	ND(2.0)
Phenacetin		ND(0.73) [ND(0.74)]	ND(0.90)	NA	NA	ND(0.80)
Phenanthrene		2.8 [3.2]	0.66	NA	NA	0.14 J
Phenol		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Pronamide		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)
Pyrene		5.7 [6.5]	1.3	NA	NA	0.25 J
Pyridine		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Safrole		ND(0.36) [ND(0.36)]	ND(0.45)	NA	NA	ND(0.40)
Thionazin		ND(0.36) J [ND(0.36) J]	ND(0.45) J	NA	NA	ND(0.40)

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Organochlorine Pesticides					
Aldrin	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	0.0000019 J [ND(0.000012) X]	0.000022 Y	NA	NA	ND(0.0000024) X
TCDFs (total)	0.000044 Q [0.000039 Q]	0.00027 Q	NA	NA	0.000011
1,2,3,7,8-PeCDF	0.0000014 J [0.0000016 J]	0.0000070 J	NA	NA	ND(0.0000030)
2,3,4,7,8-PeCDF	ND(0.0000024) [0.000048]	0.0000040 J	NA	NA	0.0000021 J
PeCDFs (total)	0.00028 Q [0.00030 Q]	0.00045 Q	NA	NA	0.000016
1,2,3,4,7,8-HxCDF	ND(0.0000066) X [0.0000061 J]	0.000031 J	NA	NA	0.0000012 J
1,2,3,6,7,8-HxCDF	ND(0.0000064) X [0.0000075 J]	0.000016 J	NA	NA	0.0000011 J
1,2,3,7,8,9-HxCDF	0.0000042 J [0.0000039 J]	0.0000071 J	NA	NA	ND(0.0000028)
2,3,4,6,7,8-HxCDF	0.000025 [0.000023 J]	0.000042	NA	NA	0.0000017 J
HxCDFs (total)	0.00028 [0.00027]	0.00070	NA	NA	0.000022
1,2,3,4,6,7,8-HpCDF	0.000018 J [0.0000067 J]	0.00014	NA	NA	0.000014 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000023) X [0.0000018 J]	0.000016 J	NA	NA	ND(0.0000028)
HpCDFs (total)	0.000081 J [0.0000085 J]	0.00029	NA	NA	0.000029
OCDF	0.000086 [0.0000061 J]	0.00010	NA	NA	0.000016 J
Dioxins					
2,3,7,8-TCDD	ND(0.0000012) [ND(0.0000014)]	ND(0.0000024) X	NA	NA	ND(0.0000019)
TCDDs (total)	ND(0.0000030) [ND(0.0000030)]	0.0000068	NA	NA	ND(0.0000043)
1,2,3,7,8-PeCDD	0.0000018 J [0.0000019 J]	0.0000028 J	NA	NA	ND(0.0000028)
PeCDDs (total)	0.0000097 [0.000015]	0.000020	NA	NA	ND(0.0000028)
1,2,3,4,7,8-HxCDD	0.0000052 J [ND(0.0000027)]	ND(0.0000028) X	NA	NA	ND(0.0000028)
1,2,3,6,7,8-HxCDD	0.0000048 J [ND(0.0000032) X]	ND(0.0000055) X	NA	NA	ND(0.0000028)
1,2,3,7,8,9-HxCDD	ND(0.0000024) X [ND(0.0000026) X]	ND(0.0000044)	NA	NA	ND(0.0000016) X
HxCDDs (total)	0.000015 J [0.000027 J]	0.000042	NA	NA	0.0000025
1,2,3,4,6,7,8-HpCDD	0.000073 [0.000010 J]	0.000052	NA	NA	ND(0.000011)
HpCDDs (total)	0.00012 J [0.00002 J]	0.00011	NA	NA	0.000021
OCDD	0.00054 J [0.000057 J]	0.00034	NA	NA	0.000088
Total TEQs (WHO TEFs)	0.0000089 [0.000032]	0.000021	NA	NA	0.0000047
Inorganics					
Antimony	ND(6.00) [1.30 B]	ND(6.00)	NA	ND(6.00)	ND(6.00)
Arsenic	7.00 [8.40]	3.70	NA	5.70	4.60
Barium	30.0 [46.0]	29.0	NA	36.0	28.0
Beryllium	0.190 B [0.200 B]	0.300 B	NA	0.200 B	ND(0.500)
Cadmium	0.250 B [0.200 B]	0.430 B	NA	0.260 B	0.280 B
Chromium	9.50 [8.90]	12.0	NA	7.20	6.00
Cobalt	8.60 [9.90]	7.10	NA	7.20	6.10
Copper	36.0 [36.0]	27.0	NA	33.0	17.0
Cyanide	ND(0.110) [ND(0.110)]	0.130 B	NA	ND(0.110)	ND(0.120)
Lead	58.0 [61.0]	52.0	NA	40.0	46.0
Mercury	0.170 J [0.530 J]	0.200 J	NA	0.0820 J	ND(0.120)
Nickel	13.0 [16.0]	12.0	NA	12.0	11.0
Selenium	0.510 J [1.20 J]	1.20 J	NA	0.720 J	ND(1.00)
Silver	ND(1.00) [ND(1.00)]	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	17.0 [ND(5.50)]	86.0	NA	11.0	120
Thallium	ND(1.10) J [ND(1.10) J]	ND(1.30) J	NA	ND(1.10) J	ND(1.80) J
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	NA	ND(10.0)	3.90 B
Vanadium	8.80 [8.70]	9.30	NA	8.10	5.20
Zinc	58.0 [69.0]	77.0	NA	56.0	50.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-D24 0-1 04/01/03	RAA11-D24 10-15 04/01/03	RAA11-D26 0-1 04/02/03	RAA11-E13 0-1 03/28/03	RAA11-E13 6-8 03/28/03	RAA11-E13 6-10 03/28/03
Volatile Organics						
1,4-Dioxane	ND(0.12) J	NA	0.066 J	ND(0.12) J	ND(0.11) J	NA
2-Butanone	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.011)	NA
Acetone	ND(0.023)	NA	ND(0.025)	ND(0.024)	ND(0.022)	NA
Benzene	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Chlorobenzene	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Ethylbenzene	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Methylene Chloride	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Tetrachloroethene	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Styrene	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Toluene	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Xylenes (total)	ND(0.0058)	NA	ND(0.0063)	ND(0.0059)	ND(0.0055)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J
1,2,4-Trichlorobenzene	ND(0.39)	NA	0.38 J	ND(0.40)	NA	ND(0.62)
1,2-Dichlorobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
1,2-Diphenylhydrazine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
1,3,5-Trinitrobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
1,3-Dichlorobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
1,3-Dinitrobenzene	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
1,4-Dichlorobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
1,4-Naphthoquinone	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
1-Naphthylamine	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
2,3,4,6-Tetrachlorophenol	ND(0.39)	NA	ND(0.42) J	ND(0.40)	NA	ND(0.62)
2,4,5-Trichlorophenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2,4,6-Trichlorophenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2,4-Dichlorophenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2,4-Dimethylphenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2,4-Dinitrophenol	ND(2.0) J	NA	ND(2.1) J	ND(2.0) J	NA	ND(3.1) J
2,4-Dinitrotoluene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2,6-Dichlorophenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2,6-Dinitrotoluene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2-Acetylaminofluorene	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
2-Chloronaphthalene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2-Chlorophenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2-Methylnaphthalene	ND(0.39)	NA	0.53	ND(0.40)	NA	ND(0.62)
2-Methylphenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
2-Naphthylamine	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
2-Nitroaniline	ND(2.0) J	NA	ND(2.1)	ND(2.0)	NA	ND(3.1)
2-Nitrophenol	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
2-Picoline	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
3&4-Methylphenol	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
3,3'-Dichlorobenzidine	ND(0.78) J	NA	ND(0.84) J	ND(0.80)	NA	ND(1.2)
3,3'-Dimethylbenzidine	ND(0.39)	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J
3-Methylcholanthrene	ND(0.78)	NA	ND(0.84) J	ND(0.80)	NA	ND(0.77)
3-Nitroaniline	ND(2.0)	NA	ND(2.1)	ND(2.0)	NA	ND(3.1)
4,6-Dinitro-2-methylphenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
4-Aminobiphenyl	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
4-Bromophenyl-phenylether	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
4-Chloro-3-Methylphenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
4-Chloroaniline	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
4-Chlorobenzilate	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
4-Chlorophenyl-phenylether	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
4-Nitroaniline	ND(2.0)	NA	ND(2.1)	ND(2.0)	NA	ND(2.0)
4-Nitrophenol	ND(2.0)	NA	ND(2.1)	ND(2.0)	NA	ND(3.1)
4-Nitroquinoline-1-oxide	ND(0.78)	NA	ND(0.84)	ND(0.80) J	NA	ND(0.77) J
4-Phenylenediamine	ND(0.78) J	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
5-Nitro-o-toluidine	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
7,12-Dimethylbenz(a)anthracene	ND(0.78)	NA	ND(0.84) J	ND(0.80)	NA	ND(0.77)
a,a'-Dimethylphenethylamine	ND(0.78) J	NA	ND(0.84)	ND(0.80) J	NA	ND(0.77) J
Acenaphthene	ND(0.39)	NA	0.96	0.50	NA	ND(0.62)
Acenaphthylene	ND(0.39)	NA	0.13 J	0.16 J	NA	1.1
Acetophenone	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Aniline	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	0.35 J
Anthracene	ND(0.39)	NA	2.4	0.85	NA	0.56 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-D24 0-1 04/01/03	RAA11-D24 10-15 04/01/03	RAA11-D26 0-1 04/02/03	RAA11-E13 0-1 03/28/03	RAA11-E13 6-8 03/28/03	RAA11-E13 6-10 03/28/03
Semivolatile Organics (continued)						
Aramite	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
Benzidine	ND(0.78) J	NA	ND(0.84) J	ND(0.80) J	NA	ND(1.2) J
Benzo(a)anthracene	ND(0.39)	NA	7.5 J	2.3	NA	2.0
Benzo(a)pyrene	ND(0.39)	NA	7.3 J	2.0	NA	3.1
Benzo(b)fluoranthene	ND(0.39)	NA	5.9 J	1.7	NA	1.9
Benzo(g,h,i)perylene	ND(0.39)	NA	4.9 J	0.98	NA	2.0
Benzo(k)fluoranthene	ND(0.39)	NA	6.5 J	1.5	NA	1.8
Benzyl Alcohol	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(1.2)
bis(2-Chloroethoxy)methane	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
bis(2-Chloroethyl)ether	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
bis(2-Chloroisopropyl)ether	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.41) J	0.15 J	NA	0.27 J
Butylbenzylphthalate	ND(0.39)	NA	ND(0.42) J	ND(0.40)	NA	ND(0.62)
Chrysene	ND(0.39)	NA	8.0 J	2.1	NA	2.0
Diallate	ND(0.78)	NA	ND(0.84)	ND(0.80) J	NA	ND(0.77) J
Dibenzo(a,h)anthracene	ND(0.39)	NA	ND(0.42) J	0.39 J	NA	0.65
Dibenzofuran	ND(0.39)	NA	0.85	0.28 J	NA	ND(0.62)
Diethylphthalate	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Dimethylphthalate	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Di-n-Butylphthalate	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Di-n-Octylphthalate	ND(0.39)	NA	2.1 J	ND(0.40)	NA	ND(0.62)
Diphenylamine	ND(0.39)	NA	ND(0.42) J	ND(0.40)	NA	ND(0.62)
Ethyl Methanesulfonate	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Fluoranthene	ND(0.39)	NA	8.3	5.9	NA	2.7
Fluorene	ND(0.39)	NA	1.4	0.47	NA	ND(0.62)
Hexachlorobenzene	0.098 J	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Hexachlorobutadiene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Hexachlorocyclopentadiene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Hexachloroethane	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Hexachlorophene	ND(0.78)	NA	ND(0.84)	ND(0.80) J	NA	ND(1.2) J
Hexachloropropene	ND(0.39) J	NA	ND(0.42) J	ND(0.40) J	NA	ND(0.62) J
Indeno(1,2,3-cd)pyrene	ND(0.39)	NA	4.1 J	0.93	NA	1.6
Isodrin	ND(0.39)	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J
Isophorone	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Isosafrole	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
Methapyrilene	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
Methyl Methanesulfonate	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Naphthalene	ND(0.39)	NA	1.3	0.44	NA	0.16 J
Nitrobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitrosodiethylamine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitrosodimethylamine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitroso-di-n-butylamine	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
N-Nitroso-di-n-propylamine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitrosodiphenylamine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitrosomethylethylamine	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
N-Nitrosomorpholine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitrosopiperidine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
N-Nitrosopyrrolidine	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
o,o,o-Triethylphosphorothioate	ND(0.39)	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J
o-Toluidine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
p-Dimethylaminoazobenzene	ND(0.78) J	NA	ND(0.84) J	ND(0.80)	NA	ND(0.77)
Pentachlorobenzene	ND(0.39)	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J
Pentachloroethane	ND(0.39)	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J
Pentachloronitrobenzene	ND(0.78)	NA	ND(0.84) J	ND(0.80)	NA	ND(0.77)
Pentachlorophenol	ND(2.0)	NA	ND(2.1)	ND(2.0)	NA	ND(3.1)
Phenacetin	ND(0.78)	NA	ND(0.84)	ND(0.80)	NA	ND(0.77)
Phenanthrene	ND(0.39)	NA	14	4.7	NA	1.1
Phenol	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Pronamide	ND(0.39) J	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Pyrene	ND(0.39)	NA	16 J	5.1	NA	2.9
Pyridine	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Safrole	ND(0.39)	NA	ND(0.42)	ND(0.40)	NA	ND(0.62)
Thionazin	0.78 J	NA	ND(0.42)	ND(0.40) J	NA	ND(0.62) J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-D24 0-1 04/01/03	RAA11-D24 10-15 04/01/03	RAA11-D26 0-1 04/02/03	RAA11-E13 0-1 03/28/03	RAA11-E13 6-8 03/28/03	RAA11-E13 6-10 03/28/03
Organochlorine Pesticides						
Aldrin	ND(0.58)	NA	NA	NA	NA	NA
Alpha-Chlordane	ND(0.58)	NA	NA	NA	NA	NA
Technical Chlordane	ND(9.6)	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
None Detected	--	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000016 Y	NA	0.00027 Y	0.0000068 J	NA	0.000022 Y
TCDFs (total)	0.000060	NA	0.0031 QJ	0.000059	NA	0.00016
1,2,3,7,8-PeCDF	0.000017 J	NA	0.00012 QJ	0.0000032 J	NA	0.000011 J
2,3,4,7,8-PeCDF	0.000054	NA	0.00067 QJ	0.0000087 J	NA	0.000015 J
PeCDFs (total)	0.00022	NA	0.0047 QJ	0.00010	NA	0.00014
1,2,3,4,7,8-HxCDF	0.00015	NA	0.00093	ND(0.0000050) X	NA	0.000016 J
1,2,3,6,7,8-HxCDF	0.000026	NA	0.00041	0.0000040 J	NA	0.0000092 J
1,2,3,7,8,9-HxCDF	0.000035	NA	0.00019	ND(0.0000030)	NA	0.0000054 J
2,3,4,6,7,8-HxCDF	0.000029	NA	0.00070	0.0000064 J	NA	0.0000079 J
HxCDFs (total)	0.00039	NA	0.010	0.000076	NA	0.00011
1,2,3,4,6,7,8-HpCDF	0.000089	NA	0.0012	0.000018 J	NA	0.000038
1,2,3,4,7,8,9-HpCDF	0.000068	NA	0.00030	ND(0.0000037)	NA	ND(0.000015) QJ
HpCDFs (total)	0.00031	NA	0.0029	0.000018	NA	0.000057
OCDF	0.00040	NA	0.00094	0.000029 J	NA	0.000030 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000010)	NA	ND(0.0000038) X	ND(0.0000026)	NA	ND(0.0000022)
TCDDs (total)	ND(0.0000030)	NA	0.00016 QJ	ND(0.0000042)	NA	ND(0.0000031)
1,2,3,7,8-PeCDD	ND(0.0000025) X	NA	0.000024 QJ	ND(0.0000026)	NA	ND(0.0000012) X
PeCDDs (total)	ND(0.0000026)	NA	0.00043 QJ	ND(0.0000026)	NA	ND(0.0000025)
1,2,3,4,7,8-HxCDD	0.0000018 J	NA	0.000026 J	ND(0.0000031)	NA	ND(0.0000025)
1,2,3,6,7,8-HxCDD	0.0000030 J	NA	0.000050	ND(0.0000034) X	NA	ND(0.0000039) X
1,2,3,7,8,9-HxCDD	ND(0.0000025) X	NA	0.000032	0.0000021 J	NA	ND(0.0000025)
HxCDDs (total)	0.000013	NA	0.00056	0.0000083	NA	0.000011 Q
1,2,3,4,6,7,8-HpCDD	0.000012 J	NA	0.00022	0.000044	NA	0.000039
HpCDDs (total)	0.000023	NA	0.00046	0.00010	NA	0.000039 QJ
OCDD	ND(0.000069)	NA	0.00096	0.00031	NA	0.00030
Total TEQs (WHO TEFs)	0.000058	NA	0.00065	0.000010	NA	0.000017
Inorganics						
Antimony	ND(6.00)	NA	ND(6.0)	1.00 B	NA	ND(6.00)
Arsenic	5.20	NA	9.00	6.50	NA	5.90
Barium	23.0	NA	62.0	61.0	NA	57.0
Beryllium	0.240 B	NA	0.240 B	0.220 B	NA	0.260 B
Cadmium	0.770	NA	2.10	0.470 B	NA	0.410 B
Chromium	7.50	NA	14.0	7.20	NA	18.0
Cobalt	7.50	NA	7.80	8.90	NA	6.90
Copper	16.0	NA	400	32.0	NA	53.0
Cyanide	0.0280 B	NA	0.290	0.120 B	NA	ND(0.230)
Lead	11.0	NA	160	63.0	NA	150
Mercury	0.120	NA	1.30	0.110 B	NA	0.230
Nickel	13.0	NA	17.0	14.0	NA	12.0
Selenium	ND(1.00) J	NA	0.740 B	1.10 J	NA	1.20 J
Silver	ND(1.00)	NA	6.80	0.450 B	NA	ND(1.00)
Sulfide	30.0	37.0	20.0	9.50	NA	280
Thallium	ND(1.20) J	NA	1.10 J	ND(1.20) J	NA	ND(1.20) J
Tin	ND(10.0)	NA	ND(16.0)	ND(10.0)	NA	10.0
Vanadium	7.00	NA	12.0	7.90	NA	7.50
Zinc	49.0	NA	480	68.0	NA	120

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-E15 0-1 03/28/03	RAA11-E15 1-3 03/28/03	RAA11-E17 0-1 03/31/03	RAA11-E18 1-3 04/01/03	RAA11-E18 6-10 04/01/03	RAA11-E18 8-10 04/01/03
Volatile Organics						
1,4-Dioxane	ND(0.12) J	ND(0.12) J	ND(0.12) J	ND(0.11) J	NA	ND(0.11) J
2-Butanone	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.022)	NA	ND(0.022)
Benzene	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Chlorobenzene	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Ethylbenzene	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Methylene Chloride	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Tetrachloroethene	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Styrene	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Toluene	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Xylenes (total)	ND(0.0058)	ND(0.0058)	ND(0.0058)	ND(0.0056)	NA	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63)	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
1,2-Diphenylhydrazine	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
1,3,5-Trinitrobenzene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
1,3-Dichlorobenzene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
1,3-Dinitrobenzene	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
1,4-Dichlorobenzene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
1,4-Naphthoquinone	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
1-Naphthylamine	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
2,3,4,6-Tetrachlorophenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,4,5-Trichlorophenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,4,6-Trichlorophenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,4-Dinitrophenol	ND(2.0) J	ND(2.0) J	ND(2.0) J	ND(3.1) J	ND(1.9) J	NA
2,4-Dinitrotoluene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2,6-Dinitrotoluene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2-Acetylaminofluorene	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
2-Chloronaphthalene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2-Chlorophenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2-Methylphenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
2-Naphthylamine	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
2-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0) J	ND(3.1) J	ND(1.9) J	NA
2-Nitrophenol	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
2-Picoline	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
3&4-Methylphenol	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
3,3'-Dichlorobenzidine	ND(0.78)	ND(0.77)	ND(0.78)	ND(1.2) J	ND(0.77) J	NA
3,3'-Dimethylbenzidine	ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63)	ND(0.38)	NA
3-Methylcholanthrene	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
3-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0)	ND(3.1)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
4-Aminobiphenyl	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
4-Bromophenyl-phenylether	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
4-Chloro-3-Methylphenol	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
4-Chloroaniline	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
4-Chlorobenzilate	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
4-Chlorophenyl-phenylether	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
4-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	NA
4-Nitrophenol	ND(2.0)	ND(2.0)	ND(2.0)	ND(3.1)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	ND(0.78) J	ND(0.77) J	ND(0.78) J	ND(0.74)	ND(0.77)	NA
4-Phenylenediamine	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74) J	ND(0.77) J	NA
5-Nitro-o-toluidine	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
a,a'-Dimethylphenethylamine	ND(0.78) J	ND(0.77) J	ND(0.78) J	ND(0.74) J	ND(0.77) J	NA
Acenaphthene	0.16 J	ND(0.38)	ND(0.38)	ND(0.63)	0.24 J	NA
Acenaphthylene	0.90	0.090 J	ND(0.38)	ND(0.63)	0.23 J	NA
Acetophenone	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Aniline	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Anthracene	0.90	0.14 J	ND(0.38)	ND(0.63)	0.66	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E15 0-1 03/28/03	RAA11-E15 1-3 03/28/03	RAA11-E17 0-1 03/31/03	RAA11-E18 1-3 04/01/03	RAA11-E18 6-10 04/01/03	RAA11-E18 8-10 04/01/03
Semivolatile Organics (continued)							
Aramite		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
Benzidine		ND(0.78) J	ND(0.77) J	ND(0.78) J	ND(1.2) J	ND(0.77) J	NA
Benzo(a)anthracene		3.1	0.37 J	0.12 J	ND(0.63)	1.7	NA
Benzo(a)pyrene		3.0	0.34 J	0.10 J	ND(0.63)	1.4	NA
Benzo(b)fluoranthene		2.4	0.32 J	0.10 J	ND(0.63)	1.4	NA
Benzo(g,h,i)perylene		1.8	0.21 J	ND(0.38)	ND(0.63)	0.80	NA
Benzo(k)fluoranthene		2.4	0.25 J	0.078 J	ND(0.63)	1.2	NA
Benzyl Alcohol		ND(0.78)	ND(0.77)	ND(0.78)	ND(1.2)	ND(0.77)	NA
bis(2-Chloroethoxy)methane		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
bis(2-Chloroethyl)ether		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
bis(2-Chloroisopropyl)ether		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		0.29 J	ND(0.38)	ND(0.38)	ND(0.37)	0.14 J	NA
Butylbenzylphthalate		0.25 J	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Chrysene		2.7	0.35 J	0.12 J	ND(0.63)	1.4	NA
Diallate		ND(0.78) J	ND(0.77) J	ND(0.78)	ND(0.74)	ND(0.77)	NA
Dibenzo(a,h)anthracene		0.75	0.079 J	ND(0.38)	ND(0.63)	0.31 J	NA
Dibenzofuran		0.13 J	ND(0.38)	ND(0.38)	ND(0.63)	0.20 J	NA
Diethylphthalate		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Dimethylphthalate		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Di-n-Butylphthalate		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	0.27 J	NA
Di-n-Octylphthalate		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Diphenylamine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Ethyl Methanesulfonate		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Fluoranthene		6.9	0.72	0.31 J	0.19 J	3.8	NA
Fluorene		0.20 J	ND(0.38)	ND(0.38)	ND(0.63)	0.27 J	NA
Hexachlorobenzene		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Hexachlorobutadiene		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Hexachlorocyclopentadiene		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Hexachloroethane		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Hexachlorophene		ND(0.78) J	ND(0.77) J	ND(0.78) J	ND(1.2)	ND(0.77)	NA
Hexachloropropene		ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63) J	ND(0.38) J	NA
Indeno(1,2,3-cd)pyrene		1.6	0.19 J	ND(0.38)	ND(0.63)	0.76	NA
Isodrin		ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63)	ND(0.38)	NA
Isophorone		ND(0.39)	ND(0.38)	ND(0.38)	0.85	ND(0.38)	NA
Isosafrole		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
Methapyrilene		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
Methyl Methanesulfonate		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Naphthalene		0.18 J	ND(0.38)	ND(0.38)	ND(0.63)	0.26 J	NA
Nitrobenzene		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitrosodiethylamine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitrosodimethylamine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitroso-di-n-butylamine		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
N-Nitroso-di-n-propylamine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitrosodiphenylamine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitrosomethylethylamine		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
N-Nitrosomorpholine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitrosopiperidine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
N-Nitrosopyrrolidine		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
o,o,o-Triethylphosphorothioate		ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63)	ND(0.38)	NA
o-Toluidine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
p-Dimethylaminoazobenzene		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74) J	ND(0.77) J	NA
Pentachlorobenzene		ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63)	ND(0.38)	NA
Pentachloroethane		ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63)	ND(0.38)	NA
Pentachloronitrobenzene		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
Pentachlorophenol		ND(2.0)	ND(2.0)	ND(2.0) J	ND(3.1)	ND(1.9)	NA
Phenacetin		ND(0.78)	ND(0.77)	ND(0.78)	ND(0.74)	ND(0.77)	NA
Phenanthrene		2.1	0.34 J	0.15 J	ND(0.63)	2.3	NA
Phenol		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Pronamide		ND(0.39)	ND(0.38)	ND(0.38) J	ND(0.63) J	ND(0.38) J	NA
Pyrene		6.2	0.68	0.25 J	0.18 J	3.1	NA
Pyridine		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Safrole		ND(0.39)	ND(0.38)	ND(0.38)	ND(0.63)	ND(0.38)	NA
Thionazin		ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.63) J	ND(0.38) J	NA

TABLE 2
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PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:					
	RAA11-E15 / 0-1 / 03/28/03	RAA11-E15 / 1-3 / 03/28/03	RAA11-E17 / 0-1 / 03/31/03	RAA11-E18 / 1-3 / 04/01/03	RAA11-E18 / 6-10 / 04/01/03	RAA11-E18 / 8-10 / 04/01/03
Organochlorine Pesticides						
Aldrin	ND(0.0080)	NA	NA	NA	NA	NA
Alpha-Chlordane	ND(0.0080)	NA	NA	NA	NA	NA
Technical Chlordane	ND(0.096)	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
None Detected	--	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000010 Y	0.0000062 J	0.000011 J	ND(0.0000016) X	0.000071 Y	NA
TCDFs (total)	0.000093	0.000052	0.00014	0.0000044	0.00053	NA
1,2,3,7,8-PeCDF	ND(0.0000039) X	0.0000016 J	0.0000045 J	ND(0.0000010) X	0.000053	NA
2,3,4,7,8-PeCDF	0.000011 J	0.0000054 J	0.000024 J	ND(0.0000016) X	0.000066	NA
PeCDFs (total)	0.00010 QJ	0.000061	0.00027 Q	0.000011	0.00056 QJ	NA
1,2,3,4,7,8-HxCDF	0.0000091 J	ND(0.0000050) X	0.0000065 J	ND(0.0000011) X	0.00013	NA
1,2,3,6,7,8-HxCDF	0.0000046 J	0.0000037 J	0.0000071 J	0.0000012 J	0.000060	NA
1,2,3,7,8,9-HxCDF	0.0000021 J	ND(0.0000026)	0.0000026 J	ND(0.0000027)	0.000018 J	NA
2,3,4,6,7,8-HxCDF	0.0000061 J	ND(0.0000040) X	0.000012 J	0.0000013 J	0.000031	NA
HxCDFs (total)	0.00010	0.000041	0.00015	0.000012	0.00049	NA
1,2,3,4,6,7,8-HpCDF	0.000017 J	0.000011 J	0.000017 J	0.0000052 J	0.00011	NA
1,2,3,4,7,8,9-HpCDF	0.0000040 J	ND(0.0000023) X	0.0000026 J	ND(0.0000027)	0.000029	NA
HpCDFs (total)	0.000043	0.000026	0.000037	0.000010	0.00020	NA
OCDF	0.000038 J	0.000018 J	0.000030 J	0.0000051 J	0.00014	NA
Dioxins						
2,3,7,8-TCDD	ND(0.0000022)	ND(0.0000015)	ND(0.0000012)	ND(0.0000014)	ND(0.0000019)	NA
TCDDs (total)	ND(0.0000040)	ND(0.0000035)	0.0000011	ND(0.0000030)	0.0000036	NA
1,2,3,7,8-PeCDD	ND(0.0000024)	ND(0.0000026)	ND(0.0000030) X	ND(0.0000027)	0.0000030 J	NA
PeCDDs (total)	ND(0.0000024)	ND(0.0000026)	0.0000050 Q	ND(0.0000048)	0.000022	NA
1,2,3,4,7,8-HxCDD	0.0000029 J	0.0000035 J	0.0000011 J	ND(0.0000027)	ND(0.0000019) X	NA
1,2,3,6,7,8-HxCDD	0.0000026 J	0.0000031 J	ND(0.0000028) X	ND(0.0000027)	ND(0.0000038) X	NA
1,2,3,7,8,9-HxCDD	0.0000022 J	ND(0.0000020) X	ND(0.0000028) X	ND(0.0000027)	0.0000040 J	NA
HxCDDs (total)	0.0000088	0.000013	0.0000011	ND(0.0000026)	0.000027	NA
1,2,3,4,6,7,8-HpCDD	0.000045	0.000059	0.000021 J	0.0000079 J	0.000030	NA
HpCDDs (total)	0.000080	0.00011	0.000037	0.000015	0.000058	NA
OCDD	0.00033	0.00061	0.00014	ND(0.000057)	0.00019	NA
Total TEQs (WHO TEFs)	0.000013	0.0000079	0.000019	0.0000035	0.000073	NA
Inorganics						
Antimony	ND(6.00)	ND(6.00)	0.920 B	2.20 B	2.10 B	NA
Arsenic	6.40	5.50	5.10	5.90	6.40	NA
Barium	48.0	51.0	63.0	44.0	51.0	NA
Beryllium	0.240 B	0.190 B	0.280 B	0.260 B	0.220 B	NA
Cadmium	0.280 B	0.310 B	0.400 B	0.650	1.00	NA
Chromium	6.10	7.10	6.00	7.40	8.80	NA
Cobalt	6.70	6.00	49.0	6.70	5.10 B	NA
Copper	35.0	24.0	120	16.0	250	NA
Cyanide	ND(0.230)	ND(0.120)	0.0800 B	0.0280 B	0.0980 B	NA
Lead	71.0	140	31.0	20.0	99.0	NA
Mercury	0.0860 B	0.120	0.230 J	ND(0.110)	0.320	NA
Nickel	11.0	11.0	26.0	12.0	14.0	NA
Selenium	0.660 J	ND(1.00) J	0.730 J	ND(1.00) J	ND(1.00) J	NA
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	9.30	17.0	14.0	ND(5.60)	44.0	NA
Thallium	ND(1.20) J	ND(1.20) J	ND(1.20) J	0.880 J	ND(1.10) J	NA
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	30.0	NA
Vanadium	7.50	8.20	12.0	7.70	8.10	NA
Zinc	65.0	160	42.0	55.0	190	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E19 0-1 04/01/03	RAA11-E19 3-6 04/01/03	RAA11-E19 4-6 04/01/03	RAA11-E21 0-1 04/01/03	RAA11-E21 1-3 04/01/03	RAA11-E21 3-6 04/01/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	NA	ND(0.11) J	ND(0.12) J	ND(0.11) J	NA
2-Butanone		ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	NA
Acetone		ND(0.022)	NA	0.031	ND(0.023)	0.014 J	NA
Benzene		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Chlorobenzene		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Ethylbenzene		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Methylene Chloride		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Tetrachloroethene		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Styrene		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Toluene		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Xylenes (total)		ND(0.0056)	NA	ND(0.0057)	ND(0.0059)	ND(0.0057)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,2,4-Trichlorobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,2-Dichlorobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,2-Diphenylhydrazine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,3,5-Trinitrobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,3-Dichlorobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,3-Dinitrobenzene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
1,4-Dichlorobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
1,4-Naphthoquinone		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
1-Naphthylamine		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
2,3,4,6-Tetrachlorophenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,4,5-Trichlorophenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,4,6-Trichlorophenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,4-Dichlorophenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,4-Dimethylphenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,4-Dinitrophenol		ND(1.9) J	ND(1.8) J	NA	ND(2.0) J	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,6-Dichlorophenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2,6-Dinitrotoluene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2-Acetylaminofluorene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
2-Chloronaphthalene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2-Chlorophenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2-Methylnaphthalene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2-Methylphenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
2-Naphthylamine		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
2-Nitroaniline		ND(1.9) J	ND(1.8) J	NA	ND(2.0) J	ND(1.9) J	ND(1.9) J
2-Nitrophenol		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
2-Picoline		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
3&4-Methylphenol		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
3,3'-Dichlorobenzidine		ND(0.75) J	ND(0.73) J	NA	ND(0.79) J	ND(0.77) J	ND(0.76) J
3,3'-Dimethylbenzidine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
3-Methylcholanthrene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
3-Nitroaniline		ND(1.9)	ND(1.8)	NA	ND(2.0)	ND(1.9)	ND(1.9)
4,6-Dinitro-2-methylphenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
4-Aminobiphenyl		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
4-Bromophenyl-phenylether		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
4-Chloro-3-Methylphenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
4-Chloroaniline		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
4-Chlorobenzilate		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
4-Chlorophenyl-phenylether		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
4-Nitroaniline		ND(1.9)	ND(1.8)	NA	ND(2.0)	ND(1.9)	ND(1.9)
4-Nitrophenol		ND(1.9)	ND(1.8)	NA	ND(2.0)	ND(1.9)	ND(1.9)
4-Nitroquinoline-1-oxide		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
4-Phenylenediamine		ND(0.75) J	ND(0.73) J	NA	ND(0.79) J	ND(0.77) J	ND(0.76) J
5-Nitro-o-toluidine		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
7,12-Dimethylbenz(a)anthracene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
a,a'-Dimethylphenethylamine		ND(0.75) J	ND(0.73) J	NA	ND(0.79) J	ND(0.77) J	ND(0.76) J
Acenaphthene		0.12 J	0.081 J	NA	ND(0.39)	ND(0.38)	0.083 J
Acenaphthylene		ND(0.37)	0.46	NA	ND(0.39)	ND(0.38)	ND(0.38)
Acetophenone		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Aniline		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Anthracene		0.30 J	1.0	NA	ND(0.39)	ND(0.38)	0.19 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E19 0-1 04/01/03	RAA11-E19 3-6 04/01/03	RAA11-E19 4-6 04/01/03	RAA11-E21 0-1 04/01/03	RAA11-E21 1-3 04/01/03	RAA11-E21 3-6 04/01/03
Semivolatile Organics (continued)							
Aramite		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Benzidine		ND(0.75) J	ND(0.73) J	NA	ND(0.79) J	ND(0.77) J	ND(0.76) J
Benzo(a)anthracene		0.70	2.0	NA	0.086 J	0.14 J	0.44
Benzo(a)pyrene		0.54	1.8	NA	0.092 J	0.19 J	0.45
Benzo(b)fluoranthene		0.47	1.6	NA	0.084 J	0.12 J	0.40
Benzo(g,h,i)perylene		0.26 J	1.0	NA	ND(0.39)	ND(0.38)	0.25 J
Benzo(k)fluoranthene		0.39	1.2	NA	ND(0.39)	0.16 J	0.33 J
Benzyl Alcohol		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
bis(2-Chloroethoxy)methane		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
bis(2-Chloroethyl)ether		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
bis(2-Chloroisopropyl)ether		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
bis(2-Ethylhexyl)phthalate		0.16 J	0.17 J	NA	0.14 J	ND(0.38)	ND(0.38)
Butylbenzylphthalate		ND(0.37)	0.22 J	NA	ND(0.39)	ND(0.38)	ND(0.38)
Chrysene		0.60	1.5	NA	0.080 J	0.17 J	0.40
Diallate		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Dibenzo(a,h)anthracene		0.099 J	0.32 J	NA	ND(0.39)	ND(0.38)	ND(0.38)
Dibenzofuran		0.099 J	0.16 J	NA	ND(0.39)	ND(0.38)	ND(0.38)
Diethylphthalate		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Dimethylphthalate		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Di-n-Butylphthalate		ND(0.37)	0.26 J	NA	ND(0.39)	ND(0.38)	ND(0.38)
Di-n-Octylphthalate		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Diphenylamine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Ethyl Methanesulfonate		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Fluoranthene		1.6	5.8	NA	0.15 J	0.31 J	0.90
Fluorene		0.14 J	0.40	NA	ND(0.39)	ND(0.38)	0.11 J
Hexachlorobenzene		ND(0.37)	ND(0.36)	NA	0.13 J	1.9	ND(0.38)
Hexachlorobutadiene		ND(0.37)	ND(0.36)	NA	ND(0.39)	0.16 J	ND(0.38)
Hexachlorocyclopentadiene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Hexachloroethane		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Hexachlorophene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Hexachloropropene		ND(0.37) J	ND(0.36) J	NA	ND(0.39) J	ND(0.38) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene		0.25 J	0.95	NA	ND(0.39)	0.078 J	0.20 J
Isodrin		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Isophorone		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Isosafrole		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Methapyrilene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Methyl Methanesulfonate		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Naphthalene		ND(0.37)	0.18 J	NA	ND(0.39)	ND(0.38)	0.10 J
Nitrobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
N-Nitrosodiethylamine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
N-Nitrosodimethylamine		ND(0.37)	ND(0.36)	NA	ND(0.39)	0.11 J	ND(0.38)
N-Nitroso-di-n-butylamine		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
N-Nitroso-di-n-propylamine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
N-Nitrosodiphenylamine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
N-Nitrosomethylethylamine		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
N-Nitrosomorpholine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
N-Nitrosopiperidine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
N-Nitrosopyrrolidine		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
o,o,o-Triethylphosphorothioate		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
o-Toluidine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
p-Dimethylaminoazobenzene		ND(0.75) J	ND(0.73) J	NA	ND(0.79) J	ND(0.77) J	ND(0.76) J
Pentachlorobenzene		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Pentachloroethane		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Pentachloronitrobenzene		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Pentachlorophenol		ND(1.9)	ND(1.8)	NA	ND(2.0)	ND(1.9)	ND(1.9)
Phenacetin		ND(0.75)	ND(0.73)	NA	ND(0.79)	ND(0.77)	ND(0.76)
Phenanthrene		1.4	4.0	NA	ND(0.39)	0.12 J	0.71
Phenol		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Pronamide		ND(0.37) J	ND(0.36) J	NA	ND(0.39) J	ND(0.38) J	ND(0.38) J
Pyrene		1.3	4.5	NA	0.14 J	0.34 J	1.1
Pyridine		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Safrole		ND(0.37)	ND(0.36)	NA	ND(0.39)	ND(0.38)	ND(0.38)
Thionazin		ND(0.37) J	ND(0.36) J	NA	ND(0.39) J	ND(0.38) J	ND(0.38) J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-E19 0-1 04/01/03	RAA11-E19 3-6 04/01/03	RAA11-E19 4-6 04/01/03	RAA11-E21 0-1 04/01/03	RAA11-E21 1-3 04/01/03	RAA11-E21 3-6 04/01/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	ND(0.0080)	ND(0.0080)	NA
Alpha-Chlordane	NA	NA	NA	ND(0.0080)	ND(0.0080)	NA
Technical Chlordane	NA	NA	NA	ND(0.098)	ND(0.095)	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	--	--	NA
Herbicides						
None Detected	NA	NA	NA	--	--	NA
Furans						
2,3,7,8-TCDF	ND(0.0000024) X	0.0000058 J	NA	0.0000030 J	0.0000044 J	ND(0.0000046) X
TCDFs (total)	0.0000081	0.000031	NA	0.0000081	0.000025	0.000029
1,2,3,7,8-PeCDF	ND(0.0000012) X	ND(0.0000025) X	NA	ND(0.0000012) X	0.0000020 J	ND(0.0000017)
2,3,4,7,8-PeCDF	ND(0.0000016) X	0.0000042 J	NA	ND(0.0000018) X	0.0000028 J	ND(0.0000030)
PeCDFs (total)	0.000010 QJ	0.000032 QJ	NA	0.000014	0.000029	0.000031 QJ
1,2,3,4,7,8-HxCDF	0.0000011 J	0.0000038 J	NA	0.0000012 J	ND(0.0000021) X	0.0000023 J
1,2,3,6,7,8-HxCDF	ND(0.0000024)	ND(0.0000024) X	NA	0.0000015 J	ND(0.0000021) X	0.0000022 J
1,2,3,7,8,9-HxCDF	ND(0.0000024)	ND(0.0000026)	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
2,3,4,6,7,8-HxCDF	ND(0.0000024)	0.0000032 J	NA	ND(0.0000016) X	0.0000019 J	0.0000020 J
HxCDFs (total)	0.000010	0.000041	NA	0.000018	0.000020	0.000024
1,2,3,4,6,7,8-HpCDF	0.0000028 J	0.0000066 J	NA	0.0000044 J	0.0000051 J	0.0000053 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000024)	ND(0.0000026)	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
HpCDFs (total)	0.0000069	0.000019	NA	0.0000093	0.000012	0.000011
OCDF	0.0000053 J	0.000015 J	NA	0.0000066 J	0.000011 J	0.0000079 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000014)	ND(0.0000011)	NA	ND(0.0000012)	ND(0.0000013)	ND(0.0000011)
TCDDs (total)	ND(0.0000035)	ND(0.0000036)	NA	ND(0.0000039)	ND(0.0000038)	ND(0.0000032)
1,2,3,7,8-PeCDD	ND(0.0000024)	ND(0.0000026)	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
PeCDDs (total)	ND(0.0000042)	ND(0.0000040)	NA	ND(0.0000038)	ND(0.0000048)	ND(0.0000039)
1,2,3,4,7,8-HxCDD	ND(0.0000024) J	ND(0.0000028)	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
1,2,3,6,7,8-HxCDD	0.0000011 J	ND(0.0000026)	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
1,2,3,7,8,9-HxCDD	ND(0.0000014) XJ	ND(0.0000028)	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
HxCDDs (total)	0.0000042 J	0.0000024	NA	ND(0.0000028)	ND(0.0000029)	ND(0.0000026)
1,2,3,4,6,7,8-HpCDD	0.0000069 J	0.000025 J	NA	0.0000082 J	0.000015 J	0.0000077 J
HpCDDs (total)	0.000011	0.000041	NA	0.000016	0.000025	0.000014
OCDD	ND(0.000046)	0.00015	NA	0.000074	0.00013	ND(0.000059)
Total TEQs (WHO TEFs)	0.0000033	0.0000063	NA	0.0000038	0.0000052	0.0000042
Inorganics						
Antimony	1.40 B	2.30 B	NA	ND(6.00)	1.40 B	1.40 B
Arsenic	5.60	6.00	NA	3.70	5.10	5.80
Barium	37.0	37.0	NA	28.0	27.0	29.0
Beryllium	0.230 B	0.240 B	NA	0.360 B	0.240 B	0.250 B
Cadmium	1.00	0.750	NA	0.710	0.760	0.830
Chromium	8.30	7.60	NA	8.30	7.60	9.30
Cobalt	6.60	8.70	NA	7.40	7.50	8.70
Copper	27.0	29.0	NA	14.0	15.0	21.0
Cyanide	0.280	0.120	NA	0.0630 B	0.0460 B	ND(0.230)
Lead	24.0	27.0	NA	15.0	21.0	46.0
Mercury	ND(0.110)	0.0750 B	NA	0.0390 B	0.0450 B	0.0670 B
Nickel	12.0	12.0	NA	12.0	13.0	14.0
Selenium	0.720 J	ND(1.00) J	NA	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	ND(5.60)	180	NA	19.0	16.0	28.0
Thallium	ND(1.10) J	ND(1.10) J	NA	1.40 J	ND(1.10) J	1.30 J
Tin	ND(10.0)	ND(10.0)	NA	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	5.60	14.0	NA	7.80	7.00	10.0
Zinc	230	56.0	NA	52.0	57.0	73.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E21 4-6 04/01/03	RAA11-E23 0-1 04/02/03	RAA11-E25 0-1 04/01/03	RAA11-E25 1-3 04/01/03	RAA11-E25 6-10 04/02/03	RAA11-E25 8-10 04/02/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.12) J	NA	ND(0.13) J
2-Butanone		ND(0.011)	ND(0.011)	0.026	ND(0.012)	NA	ND(0.013)
Acetone		ND(0.023)	ND(0.023)	0.013 J	ND(0.024)	NA	0.013 J
Benzene		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Chlorobenzene		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Ethylbenzene		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Methylene Chloride		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Tetrachloroethene		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Styrene		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Toluene		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Xylenes (total)		ND(0.0057)	ND(0.0057)	ND(0.0060)	ND(0.0059)	NA	ND(0.0065)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,2,4-Trichlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,2-Dichlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,2-Diphenylhydrazine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,3,5-Trinitrobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,3-Dichlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,3-Dinitrobenzene		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
1,4-Dichlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
1,4-Naphthoquinone		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
1-Naphthylamine		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
2,3,4,6-Tetrachlorophenol		NA	ND(0.38) J	ND(0.40)	ND(0.40)	ND(0.50) J	NA
2,4,5-Trichlorophenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2,4,6-Trichlorophenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2,4-Dichlorophenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2,4-Dimethylphenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2,4-Dinitrophenol		NA	ND(1.9) J	ND(2.0) J	ND(2.0) J	ND(2.6) J	NA
2,4-Dinitrotoluene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2,6-Dichlorophenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2,6-Dinitrotoluene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2-Acetylaminofluorene		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
2-Chloronaphthalene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2-Chlorophenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2-Methylnaphthalene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2-Methylphenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
2-Naphthylamine		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
2-Nitroaniline		NA	ND(1.9)	ND(2.0) J	ND(2.0) J	ND(2.6)	NA
2-Nitrophenol		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
2-Picoline		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
3&4-Methylphenol		NA	ND(0.76)	0.099 J	ND(0.79)	ND(1.0)	NA
3,3'-Dichlorobenzidine		NA	ND(0.76)	ND(0.81) J	ND(0.79) J	ND(1.0)	NA
3,3'-Dimethylbenzidine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
3-Methylcholanthrene		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
3-Nitroaniline		NA	ND(1.9)	ND(2.0)	ND(2.0)	ND(2.6)	NA
4,6-Dinitro-2-methylphenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
4-Aminobiphenyl		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
4-Bromophenyl-phenylether		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
4-Chloro-3-Methylphenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
4-Chloroaniline		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
4-Chlorobenzilate		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
4-Chlorophenyl-phenylether		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
4-Nitroaniline		NA	ND(1.9)	ND(2.0)	ND(2.0)	ND(2.6)	NA
4-Nitrophenol		NA	ND(1.9)	ND(2.0)	ND(2.0)	ND(2.6)	NA
4-Nitroquinoline-1-oxide		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
4-Phenylenediamine		NA	ND(0.76)	ND(0.81) J	ND(0.79) J	ND(1.0)	NA
5-Nitro-o-toluidine		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
7,12-Dimethylbenz(a)anthracene		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
a,a'-Dimethylphenethylamine		NA	ND(0.76)	ND(0.81) J	ND(0.79) J	ND(1.0)	NA
Acenaphthene		NA	ND(0.38)	0.37 J	0.15 J	ND(0.50)	NA
Acenaphthylene		NA	ND(0.38)	0.17 J	0.28 J	ND(0.50)	NA
Acetophenone		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Aniline		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Anthracene		NA	ND(0.38)	1.0	0.56	ND(0.50)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E21 4-6 04/01/03	RAA11-E23 0-1 04/02/03	RAA11-E25 0-1 04/01/03	RAA11-E25 1-3 04/01/03	RAA11-E25 6-10 04/02/03	RAA11-E25 8-10 04/02/03
Semivolatile Organics (continued)							
Aramite		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
Benzidine		NA	ND(0.76)	ND(0.81) J	ND(0.79) J	ND(1.0)	NA
Benzo(a)anthracene		NA	ND(0.38)	3.0	2.0	0.18 J	NA
Benzo(a)pyrene		NA	ND(0.38)	3.0	2.0	0.15 J	NA
Benzo(b)fluoranthene		NA	ND(0.38)	2.4	1.7	ND(0.50)	NA
Benzo(g,h,i)perylene		NA	ND(0.38)	1.6	1.2	ND(0.50)	NA
Benzo(k)fluoranthene		NA	ND(0.38)	2.6	1.5	ND(0.50)	NA
Benzyl Alcohol		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
bis(2-Chloroethoxy)methane		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
bis(2-Chloroethyl)ether		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
bis(2-Chloroisopropyl)ether		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.38)	ND(0.40)	ND(0.39)	ND(0.50)	NA
Butylbenzylphthalate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Chrysene		NA	ND(0.38)	2.8	1.8	0.18 J	NA
Diallate		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
Dibenzo(a,h)anthracene		NA	ND(0.38)	0.43	0.47	ND(0.50)	NA
Dibenzofuran		NA	ND(0.38)	0.22 J	0.081 J	ND(0.50)	NA
Diethylphthalate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Dimethylphthalate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Di-n-Butylphthalate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Di-n-Octylphthalate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Diphenylamine		NA	ND(0.38) J	ND(0.40)	ND(0.40)	ND(0.50) J	NA
Ethyl Methanesulfonate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Fluoranthene		NA	0.11 J	5.0	3.7	0.42 J	NA
Fluorene		NA	ND(0.38)	0.47	0.17 J	ND(0.50)	NA
Hexachlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Hexachlorobutadiene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Hexachlorocyclopentadiene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Hexachloroethane		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Hexachlorophene		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
Hexachloropropene		NA	ND(0.38) J	ND(0.40) J	ND(0.40) J	ND(0.50) J	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.38)	1.4	0.99	ND(0.50)	NA
Isodrin		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Isophorone		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Isosafrole		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
Methapyrilene		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
Methyl Methanesulfonate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Naphthalene		NA	ND(0.38)	0.17 J	0.11 J	ND(0.50)	NA
Nitrobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitrosodiethylamine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitrosodimethylamine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitroso-di-n-butylamine		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
N-Nitroso-di-n-propylamine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitrosodiphenylamine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitrosomethylethylamine		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
N-Nitrosomorpholine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitrosopiperidine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
N-Nitrosopyrrolidine		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
o,o,o-Triethylphosphorothioate		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
o-Toluidine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
p-Dimethylaminoazobenzene		NA	ND(0.76) J	ND(0.81) J	ND(0.79) J	ND(1.0) J	NA
Pentachlorobenzene		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Pentachloroethane		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Pentachloronitrobenzene		NA	ND(0.76) J	ND(0.81)	ND(0.79)	ND(1.0) J	NA
Pentachlorophenol		NA	ND(1.9)	ND(2.0)	ND(2.0)	ND(2.6)	NA
Phenacetin		NA	ND(0.76)	ND(0.81)	ND(0.79)	ND(1.0)	NA
Phenanthrene		NA	ND(0.38)	4.2	1.7	0.31 J	NA
Phenol		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Pronamide		NA	ND(0.38)	ND(0.40) J	ND(0.40) J	ND(0.50)	NA
Pyrene		NA	ND(0.38)	8.2	3.6	0.36 J	NA
Pyridine		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Safrole		NA	ND(0.38)	ND(0.40)	ND(0.40)	ND(0.50)	NA
Thionazin		NA	ND(0.38)	ND(0.40) J	ND(0.40) J	ND(0.50)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E21 4-6 04/01/03	RAA11-E23 0-1 04/02/03	RAA11-E25 0-1 04/01/03	RAA11-E25 1-3 04/01/03	RAA11-E25 6-10 04/02/03	RAA11-E25 8-10 04/02/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		NA	0.00000082 J	0.000018 Y	0.000020 Y	0.0000034 J	NA
TCDFs (total)		NA	0.00000082	0.00013	0.00011	0.0000034	NA
1,2,3,7,8-PeCDF		NA	ND(0.0000027)	ND(0.0000088) X	0.000013 J	0.0000022 J	NA
2,3,4,7,8-PeCDF		NA	ND(0.00000084) X	0.000017 J	0.000016 J	ND(0.0000014) X	NA
PeCDFs (total)		NA	0.0000041	0.00016 QJ	0.00016 QJ	ND(0.0000033)	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.0000027)	0.000043	0.000041	0.0000020 J	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.0000027)	0.000025 J	0.000020 J	0.0000013 J	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.0000027)	0.0000080 J	ND(0.0000086) X	ND(0.0000040)	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.0000027)	0.000020 J	0.000017 J	ND(0.0000040)	NA
HxCDFs (total)		NA	0.0000030	0.00025	0.00024	0.0000033	NA
1,2,3,4,6,7,8-HpCDF		NA	0.0000011 J	0.000050	0.00013	0.0000020 J	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000027)	0.000020 J	0.000012 J	ND(0.0000040)	NA
HpCDFs (total)		NA	0.0000011	0.00012	0.00022	0.0000020	NA
OCDF		NA	ND(0.0000056)	0.000049 J	0.000084	ND(0.0000080)	NA
Dioxins							
2,3,7,8-TCDD		NA	ND(0.0000016)	ND(0.0000013)	ND(0.0000016)	ND(0.0000016)	NA
TCDDs (total)		NA	ND(0.0000035)	ND(0.0000032)	ND(0.0000029)	ND(0.0000053)	NA
1,2,3,7,8-PeCDD		NA	ND(0.0000027)	ND(0.00000095) X	ND(0.0000028) X	ND(0.0000042)	NA
PeCDDs (total)		NA	ND(0.0000053)	0.0000032	0.000013 QJ	ND(0.0000060)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.0000027)	ND(0.0000032)	ND(0.0000029)	ND(0.0000040)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.0000027)	0.0000024 J	0.0000034 J	ND(0.0000040)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.0000027)	0.0000020 J	0.0000030 J	ND(0.0000040)	NA
HxCDDs (total)		NA	ND(0.0000048)	0.000010	0.000032	ND(0.0000078)	NA
1,2,3,4,6,7,8-HpCDD		NA	0.0000025 J	0.000034	0.000028	0.0000062 J	NA
HpCDDs (total)		NA	0.0000025	0.000062	0.000053	0.0000062	NA
OCDD		NA	0.000011 J	0.00026	0.00019	ND(0.000019) X	NA
Total TEQs (WHO TEFs)		NA	0.0000035	0.000023	0.000024	0.0000051	NA
Inorganics							
Antimony		NA	ND(6.0)	1.40 B	2.40 B	ND(6.00)	NA
Arsenic		NA	3.40	5.60	5.00	2.50	NA
Barium		NA	12.0 B	71.0	160	26.0	NA
Beryllium		NA	0.140 B	0.300 B	0.290 B	0.250 B	NA
Cadmium		NA	0.460 B	2.50	0.780	0.550	NA
Chromium		NA	3.50	11.0	20.0	8.30	NA
Cobalt		NA	4.50 B	7.80	8.30	8.20	NA
Copper		NA	9.10	27.0	35.0	13.0	NA
Cyanide		NA	ND(0.230)	0.220 B	0.230	0.0600 B	NA
Lead		NA	5.40 J	66.0	94.0	17.0	NA
Mercury		NA	ND(0.110)	0.630	0.720	0.400	NA
Nickel		NA	7.60	14.0	13.0	9.50	NA
Selenium		NA	ND(1.00)	ND(1.00) J	ND(1.00) J	ND(1.10)	NA
Silver		NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.10)	NA
Sulfide		NA	18.0	4200	14.0	130	NA
Thallium		NA	1.20 J	ND(1.20) J	ND(1.20) J	ND(1.50) J	NA
Tin		NA	ND(10.0)	ND(10.0)	ND(10.0)	ND(11.0)	NA
Vanadium		NA	3.50 B	10.0	11.0	6.20	NA
Zinc		NA	30.0	1600	90.0	38.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-E27 0-1 04/02/03	RAA11-F12 0-1 03/25/03	RAA11-F21 0-1 04/01/03	RAA11-F21 10-15 04/01/03	RAA11-F26 0-1 04/02/03	RAA11-G13 0-1 03/28/03
Volatile Organics						
1,4-Dioxane	ND(0.12) J	ND(0.12) J	ND(0.11) J	NA	ND(0.11) J	ND(0.11) J
2-Butanone	ND(0.012)	0.18	ND(0.011)	NA	ND(0.011)	ND(0.011)
Acetone	ND(0.025)	ND(0.023)	0.013 J	NA	ND(0.023)	ND(0.023)
Benzene	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Chlorobenzene	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Ethylbenzene	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Methylene Chloride	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Tetrachloroethene	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Styrene	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Toluene	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Xylenes (total)	ND(0.0062)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J
1,2,4-Trichlorobenzene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
1,2-Dichlorobenzene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
1,3-Dichlorobenzene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
1,3-Dinitrobenzene	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
1,4-Dichlorobenzene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
1,4-Naphthoquinone	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
1-Naphthylamine	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
2,3,4,6-Tetrachlorophenol	ND(0.53) J	ND(1.2)	NA	NA	ND(0.38) J	ND(0.38)
2,4,5-Trichlorophenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2,4-Dichlorophenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2,4-Dimethylphenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2,4-Dinitrophenol	ND(2.7) J	ND(5.8) J	NA	NA	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2,6-Dichlorophenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2,6-Dinitrotoluene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2-Acetylaminofluorene	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
2-Chloronaphthalene	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2-Chlorophenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2-Methylnaphthalene	ND(0.53)	0.45 J	NA	NA	0.28 J	0.093 J
2-Methylphenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
2-Naphthylamine	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
2-Nitroaniline	ND(2.7)	ND(5.8) J	NA	NA	ND(1.9)	ND(1.9)
2-Nitrophenol	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
2-Picoline	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
3&4-Methylphenol	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
3,3'-Dichlorobenzidine	ND(1.1)	ND(2.3)	NA	NA	ND(0.76) J	ND(0.77)
3,3'-Dimethylbenzidine	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J
3-Methylcholanthrene	ND(0.82)	ND(1.2)	NA	NA	ND(0.76) J	ND(0.77)
3-Nitroaniline	ND(2.7)	ND(5.8)	NA	NA	ND(1.9)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
4-Aminobiphenyl	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
4-Bromophenyl-phenylether	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
4-Chloroaniline	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
4-Chlorobenzilate	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
4-Chlorophenyl-phenylether	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
4-Nitroaniline	ND(2.1)	ND(2.0)	NA	NA	ND(1.9)	ND(1.9)
4-Nitrophenol	ND(2.7)	ND(5.8)	NA	NA	ND(1.9)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(0.82)	ND(1.2) J	NA	NA	ND(0.76)	ND(0.77) J
4-Phenylenediamine	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
5-Nitro-o-toluidine	ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
7,12-Dimethylbenz(a)anthracene	ND(0.82)	ND(1.2)	NA	NA	ND(0.76) J	ND(0.77)
a,a'-Dimethylphenethylamine	ND(0.82)	ND(1.2) J	NA	NA	ND(0.76)	ND(0.77) J
Acenaphthene	ND(0.53)	ND(1.2)	NA	NA	0.27 J	ND(0.38)
Acenaphthylene	0.16 J	3.0	NA	NA	0.44	0.99
Acetophenone	ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Aniline	ND(0.53)	ND(1.2) J	NA	NA	ND(0.38)	ND(0.38)
Anthracene	0.30 J	1.3	NA	NA	1.8	0.59

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-E27 0-1 04/02/03	RAA11-F12 0-1 03/25/03	RAA11-F21 0-1 04/01/03	RAA11-F21 10-15 04/01/03	RAA11-F26 0-1 04/02/03	RAA11-G13 0-1 03/28/03
Semivolatile Organics (continued)							
Aramite		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
Benzidine		ND(1.1)	ND(2.3) J	NA	NA	ND(0.76) J	ND(0.77) J
Benzo(a)anthracene		1.3	5.0	NA	NA	7.0 J	1.8
Benzo(a)pyrene		1.6	9.3	NA	NA	7.0 J	2.3
Benzo(b)fluoranthene		1.1	6.1	NA	NA	4.9 J	2.3
Benzo(g,h,i)perylene		0.96	10	NA	NA	4.1 J	1.6
Benzo(k)fluoranthene		1.0	5.4	NA	NA	5.8 J	1.6
Benzyl Alcohol		ND(1.1)	ND(2.3)	NA	NA	ND(0.76)	ND(0.77)
bis(2-Chloroethoxy)methane		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
bis(2-Chloroethyl)ether		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
bis(2-Chloroisopropyl)ether		ND(0.53)	ND(1.2) J	NA	NA	ND(0.38)	ND(0.38)
bis(2-Ethylhexyl)phthalate		ND(0.41)	ND(0.58)	NA	NA	ND(0.38) J	ND(0.38)
Butylbenzylphthalate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38) J	ND(0.38)
Chrysene		1.5	5.0	NA	NA	11 J	1.7
Diallate		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77) J
Dibenzo(a,h)anthracene		0.30 J	ND(1.2)	NA	NA	ND(0.38) J	0.68
Dibenzofuran		ND(0.53)	ND(1.2)	NA	NA	0.27 J	ND(0.38)
Diethylphthalate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Dimethylphthalate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Di-n-Butylphthalate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Di-n-Octylphthalate		ND(0.53)	ND(1.2) J	NA	NA	1.4 J	ND(0.38)
Diphenylamine		ND(0.53) J	ND(1.2)	NA	NA	ND(0.38) J	ND(0.38)
Ethyl Methanesulfonate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Fluoranthene		2.3	8.2	NA	NA	16	3.2
Fluorene		0.11 J	ND(1.2)	NA	NA	1.0	ND(0.38)
Hexachlorobenzene		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Hexachlorobutadiene		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Hexachlorocyclopentadiene		ND(0.53)	ND(1.2) J	NA	NA	ND(0.38)	ND(0.38)
Hexachloroethane		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Hexachlorophene		ND(1.1)	ND(2.3) J	NA	NA	ND(0.76)	ND(0.77) J
Hexachloropropene		ND(0.53) J	ND(1.2)	NA	NA	ND(0.38) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene		0.69	6.7	NA	NA	3.4 J	1.5
Isodrin		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J
Isophorone		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Isosafrole		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
Methapyrilene		ND(0.82)	ND(1.2) J	NA	NA	ND(0.76)	ND(0.77)
Methyl Methanesulfonate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Naphthalene		0.16 J	1.0 J	NA	NA	0.32 J	0.12 J
Nitrobenzene		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitrosodiethylamine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitrosodimethylamine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitroso-di-n-butylamine		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
N-Nitroso-di-n-propylamine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitrosodiphenylamine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitrosomethylethylamine		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
N-Nitrosomorpholine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitrosopiperidine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
N-Nitrosopyrrolidine		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
o,o,o-Triethylphosphorothioate		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J
o-Toluidine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
p-Dimethylaminoazobenzene		ND(0.82) J	ND(1.2)	NA	NA	ND(0.76) J	ND(0.77)
Pentachlorobenzene		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J
Pentachloroethane		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J
Pentachloronitrobenzene		ND(0.82) J	ND(1.2)	NA	NA	ND(0.76) J	ND(0.77)
Pentachlorophenol		ND(2.7)	ND(5.8)	NA	NA	ND(1.9)	ND(1.9)
Phenacetin		ND(0.82)	ND(1.2)	NA	NA	ND(0.76)	ND(0.77)
Phenanthrene		1.2	3.5	NA	NA	16	0.90
Phenol		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Pronamide		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Pyrene		3.0	9.4	NA	NA	33 J	3.1
Pyridine		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Safrole		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38)
Thionazin		ND(0.53)	ND(1.2)	NA	NA	ND(0.38)	ND(0.38) J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:					
	RAA11-E27 0-1 04/02/03	RAA11-F12 0-1 03/25/03	RAA11-F21 0-1 04/01/03	RAA11-F21 10-15 04/01/03	RAA11-F26 0-1 04/02/03	RAA11-G13 0-1 03/28/03
Organochlorine Pesticides						
Aldrin	NA	ND(0.0080)	NA	NA	NA	NA
Alpha-Chlordane	NA	ND(0.0080)	NA	NA	NA	NA
Technical Chlordane	NA	ND(0.097)	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	--	NA	NA	NA	NA
Herbicides						
None Detected	NA	--	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000041 Y	0.0000024 J	0.0000042 J	0.000093 Y	0.000038 Y	0.0000039 J
TCDFs (total)	0.00026 QJ	0.000018	0.000024	0.00086	0.00038 QJ	0.000017
1,2,3,7,8-PeCDF	0.000024 J	ND(0.0000011) X	0.0000020 J	0.000064	0.000013 J	0.0000012 J
2,3,4,7,8-PeCDF	0.000033 J	ND(0.0000015)	ND(0.0000033) X	0.000030	0.000056	0.0000029 J
PeCDFs (total)	0.00029 QJ	0.000036 QJ	0.000019	0.00088 Q	0.00059 QJ	0.000019 QJ
1,2,3,4,7,8-HxCDF	0.000052	ND(0.0000047)	0.0000026 J	0.00020	0.000035	ND(0.0000015) X
1,2,3,6,7,8-HxCDF	0.000025 J	ND(0.0000018) X	ND(0.0000023) X	0.000089	0.000026	0.0000017 J
1,2,3,7,8,9-HxCDF	0.000010 J	ND(0.0000028)	ND(0.0000027)	0.000038	0.0000072 J	ND(0.0000026)
2,3,4,6,7,8-HxCDF	0.000021 J	ND(0.0000032) X	0.0000033 J	0.000098	0.000041	ND(0.0000026)
HxCDFs (total)	0.00029	0.000033	0.000032	0.0016	0.00066	0.000019
1,2,3,4,6,7,8-HpCDF	0.000052	0.0000032 J	0.0000088 J	0.00056	0.000076	0.0000051 J
1,2,3,4,7,8,9-HpCDF	0.000011 J	ND(0.0000028)	ND(0.0000027)	0.000076	0.000011 J	ND(0.0000033)
HpCDFs (total)	0.000098	0.0000069	0.000025	0.0011	0.00020	0.0000097
OCDF	0.000046 J	0.0000053 J	0.000022 J	0.00048	0.000062	ND(0.0000058) X
Dioxins						
2,3,7,8-TCDD	ND(0.0000019)	ND(0.0000031)	ND(0.0000012)	ND(0.0000035) X	ND(0.0000024)	ND(0.0000023)
TCDDs (total)	0.0000025	ND(0.0000031)	ND(0.0000036)	0.000052	ND(0.0000024)	ND(0.0000022)
1,2,3,7,8-PeCDD	0.0000019 J	ND(0.0000028)	ND(0.0000027)	ND(0.000035) X	0.0000021 J	ND(0.0000026)
PeCDDs (total)	0.000013	ND(0.0000028)	ND(0.0000038)	0.00012 QJ	0.000014	0.0000010 QJ
1,2,3,4,7,8-HxCDD	ND(0.0000034)	ND(0.0000030)	ND(0.0000027)	0.000019 J	0.0000027 J	ND(0.0000026)
1,2,3,6,7,8-HxCDD	ND(0.0000034)	ND(0.0000028)	ND(0.0000027)	0.000028 J	0.0000052 J	ND(0.0000026)
1,2,3,7,8,9-HxCDD	ND(0.0000034)	ND(0.0000029)	ND(0.0000027)	0.000027 J	0.0000039 J	ND(0.0000026)
HxCDDs (total)	0.000015	ND(0.0000028)	0.0000031	0.00039	0.000028	0.0000033
1,2,3,4,6,7,8-HpCDD	0.000023 J	ND(0.0000062)	0.000023 J	0.00021	0.000061	0.000017 J
HpCDDs (total)	0.000044	0.0000062	0.000043	0.00041	0.00014	0.000032
OCDD	0.00012	0.000043 J	0.00021	0.0012	0.00045	0.000080
Total TEQs (WHO TEFs)	0.000037	0.0000047	0.0000049	0.00011	0.000049	0.0000055
Inorganics						
Antimony	ND(6.0)	ND(6.00)	NA	NA	ND(6.0)	ND(6.00)
Arsenic	8.90	6.60	NA	NA	5.10	6.90
Barium	76.0	24.0	NA	NA	33.0	32.0
Beryllium	0.330 B	ND(0.500)	NA	NA	0.210 B	0.200 B
Cadmium	1.70	0.250 B	NA	NA	1.10	0.220 B
Chromium	47.0	6.50	NA	NA	8.20	6.60
Cobalt	9.10	9.20	NA	NA	5.70	7.50
Copper	230	17.0	NA	NA	36.0	21.0
Cyanide	0.200	ND(0.120)	NA	NA	0.0980 B	0.0870 B
Lead	370	29.0	NA	NA	150	32.0
Mercury	0.410	ND(0.120)	NA	NA	0.150	0.0620 B
Nickel	18.0	11.0	NA	NA	12.0	14.0
Selenium	ND(1.00)	1.10	NA	NA	ND(1.00)	0.550 J
Silver	ND(1.00)	ND(1.00)	NA	NA	ND(1.00)	ND(1.00)
Sulfide	24.0	11.0	NA	43.0	16.0	33.0
Thallium	1.50 J	ND(1.80) J	NA	NA	1.40 J	ND(1.10) J
Tin	35.0	4.40 B	NA	NA	ND(10.0)	ND(10.0)
Vanadium	11.0	8.00	NA	NA	9.20	8.20
Zinc	320	42.0	NA	NA	100	41.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-G13 3-6 03/28/03	RAA11-G13 4-6 03/28/03	RAA11-G13 10-12 03/28/03	RAA11-G13 10-15 03/28/03	RAA11-G15 0-1 03/28/03	RAA11-G15 1-3 03/28/03
Volatile Organics						
1,4-Dioxane	NA	ND(0.11) J	ND(0.12) J	NA	ND(0.11) J	ND(0.12) J
2-Butanone	NA	ND(0.011)	ND(0.012)	NA	ND(0.011) J	ND(0.012)
Acetone	NA	ND(0.022)	0.017 J	NA	ND(0.023) J	ND(0.023)
Benzene	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057) J	ND(0.0058)
Chlorobenzene	NA	ND(0.0056)	0.020	NA	ND(0.0057)	ND(0.0058)
Ethylbenzene	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057)	ND(0.0058)
Methylene Chloride	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057) J	ND(0.0058)
Tetrachloroethene	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057)	ND(0.0058)
Styrene	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057)	ND(0.0058)
Toluene	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057)	ND(0.0058)
Xylenes (total)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0057)	ND(0.0058)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
1,2,4-Trichlorobenzene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
1,2-Dichlorobenzene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
1,2-Diphenylhydrazine	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
1,3,5-Trinitrobenzene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
1,3-Dichlorobenzene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
1,3-Dinitrobenzene	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
1,4-Dichlorobenzene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
1,4-Naphthoquinone	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
1-Naphthylamine	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
2,3,4,6-Tetrachlorophenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2,4,6-Trichlorophenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2,4-Dichlorophenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2,4-Dimethylphenol	ND(0.36)	NA	NA	ND(0.41)	0.20 J	ND(0.38)
2,4-Dinitrophenol	ND(1.8) J	NA	NA	ND(2.1) J	ND(1.9) J	ND(2.0) J
2,4-Dinitrotoluene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2,6-Dichlorophenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2,6-Dinitrotoluene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2-Acetylaminofluorene	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
2-Chloronaphthalene	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2-Chlorophenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2-Methylnaphthalene	ND(0.36)	NA	NA	ND(0.41)	6.2	ND(0.38)
2-Methylphenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
2-Naphthylamine	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
2-Nitroaniline	ND(1.8)	NA	NA	ND(2.1)	ND(1.9)	ND(2.0)
2-Nitrophenol	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
2-Picoline	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
3&4-Methylphenol	ND(0.73)	NA	NA	ND(0.83)	0.17 J	ND(0.77)
3,3'-Dichlorobenzidine	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
3,3'-Dimethylbenzidine	ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
3-Methylcholanthrene	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
3-Nitroaniline	ND(1.8)	NA	NA	ND(2.1)	ND(1.9)	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
4-Aminobiphenyl	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
4-Bromophenyl-phenylether	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
4-Chloro-3-Methylphenol	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
4-Chloroaniline	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
4-Chlorobenzilate	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
4-Chlorophenyl-phenylether	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
4-Nitroaniline	ND(1.8)	NA	NA	ND(2.1)	ND(1.9)	ND(2.0)
4-Nitrophenol	ND(1.8)	NA	NA	ND(2.1)	ND(1.9)	ND(2.0)
4-Nitroquinoline-1-oxide	ND(0.73) J	NA	NA	ND(0.83) J	ND(0.76) J	ND(0.77) J
4-Phenylenediamine	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
5-Nitro-o-toluidine	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
7,12-Dimethylbenz(a)anthracene	ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
a,a'-Dimethylphenethylamine	ND(0.73) J	NA	NA	ND(0.83) J	ND(0.76) J	ND(0.77) J
Acenaphthene	0.92	NA	NA	ND(0.41)	16	0.11 J
Acenaphthylene	0.076 J	NA	NA	ND(0.41)	8.0	0.19 J
Acetophenone	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Aniline	ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Anthracene	2.7	NA	NA	ND(0.41)	32	0.40

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

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-G13 3-6 03/28/03	RAA11-G13 4-6 03/28/03	RAA11-G13 10-12 03/28/03	RAA11-G13 10-15 03/28/03	RAA11-G15 0-1 03/28/03	RAA11-G15 1-3 03/28/03
Semivolatile Organics (continued)							
Aramite		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
Benzidine		ND(0.73) J	NA	NA	ND(0.83) J	ND(0.76) J	ND(0.77) J
Benzo(a)anthracene		4.4	NA	NA	ND(0.41)	65	1.3
Benzo(a)pyrene		2.7	NA	NA	0.13 J	54	1.5
Benzo(b)fluoranthene		2.7	NA	NA	ND(0.41)	49	1.3
Benzo(g,h,i)perylene		1.5	NA	NA	ND(0.41)	27	0.82
Benzo(k)fluoranthene		2.3	NA	NA	ND(0.41)	41	1.1
Benzyl Alcohol		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
bis(2-Chloroethoxy)methane		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
bis(2-Chloroethyl)ether		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
bis(2-Chloroisopropyl)ether		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
bis(2-Ethylhexyl)phthalate		ND(0.36)	NA	NA	ND(0.41)	ND(0.37)	ND(0.38)
Butylbenzylphthalate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Chrysene		3.3	NA	NA	ND(0.41)	54	1.4
Diallate		ND(0.73) J	NA	NA	ND(0.83) J	ND(0.76) J	ND(0.77) J
Dibenzo(a,h)anthracene		0.59	NA	NA	ND(0.41)	12	0.24 J
Dibenzofuran		0.65	NA	NA	ND(0.41)	14	0.088 J
Diethylphthalate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Dimethylphthalate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Di-n-Butylphthalate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Di-n-Octylphthalate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Diphenylamine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Ethyl Methanesulfonate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Fluoranthene		10	NA	NA	ND(0.41)	130	2.8
Fluorene		1.1	NA	NA	ND(0.41)	30	0.23 J
Hexachlorobenzene		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Hexachlorobutadiene		ND(0.36)	NA	NA	ND(0.41)	0.098 J	ND(0.38)
Hexachlorocyclopentadiene		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Hexachloroethane		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Hexachlorophene		ND(0.73) J	NA	NA	ND(0.83) J	ND(0.76) J	ND(0.77) J
Hexachloropropene		ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene		1.3	NA	NA	ND(0.41)	26	0.76
Isodrin		ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
Isophorone		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Isosafrole		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
Methapyrilene		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
Methyl Methanesulfonate		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Naphthalene		0.22 J	NA	NA	ND(0.41)	6.8	0.12 J
Nitrobenzene		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitrosodiethylamine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitrosodimethylamine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitroso-di-n-butylamine		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
N-Nitroso-di-n-propylamine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitrosodiphenylamine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitrosomethylethylamine		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
N-Nitrosomorpholine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitrosopiperidine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
N-Nitrosopyrrolidine		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
o,o,o-Triethylphosphorothioate		ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
o-Toluidine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
p-Dimethylaminoazobenzene		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
Pentachlorobenzene		ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
Pentachloroethane		ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J
Pentachloronitrobenzene		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
Pentachlorophenol		ND(1.8)	NA	NA	ND(2.1)	ND(1.9)	ND(2.0)
Phenacetin		ND(0.73)	NA	NA	ND(0.83)	ND(0.76)	ND(0.77)
Phenanthrene		10	NA	NA	ND(0.41)	120	1.8
Phenol		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Pronamide		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Pyrene		10	NA	NA	ND(0.41)	170	4.0
Pyridine		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Safrole		ND(0.36)	NA	NA	ND(0.41)	ND(0.38)	ND(0.38)
Thionazin		ND(0.36) J	NA	NA	ND(0.41) J	ND(0.38) J	ND(0.38) J

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Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-G13 3-6 03/28/03	RAA11-G13 4-6 03/28/03	RAA11-G13 10-12 03/28/03	RAA11-G13 10-15 03/28/03	RAA11-G15 0-1 03/28/03	RAA11-G15 1-3 03/28/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
None Detected	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.00013 Y	NA	NA	ND(0.0000014)	0.0000026 J	0.0000050 J
TCDFs (total)	0.00087 QJ	NA	NA	ND(0.0000014)	0.000012 QJ	0.000038
1,2,3,7,8-PeCDF	0.000074	NA	NA	ND(0.0000027)	ND(0.0000026) X	0.0000022 J
2,3,4,7,8-PeCDF	0.000082	NA	NA	ND(0.0000027)	ND(0.0000048) X	0.000010 J
PeCDFs (total)	0.00061 QJ	NA	NA	ND(0.0000027)	0.000011 QJ	0.000096
1,2,3,4,7,8-HxCDF	0.000044	NA	NA	ND(0.0000027)	ND(0.0000075) X	ND(0.0000030) X
1,2,3,6,7,8-HxCDF	0.000024 J	NA	NA	ND(0.0000027)	ND(0.0000032) X	0.0000033 J
1,2,3,7,8,9-HxCDF	0.0000081 J	NA	NA	ND(0.0000027)	0.0000046 J	0.0000011 J
2,3,4,6,7,8-HxCDF	0.000030	NA	NA	ND(0.0000027)	0.0000042 J	0.0000052 J
HxCDFs (total)	0.00032	NA	NA	ND(0.0000027)	0.000060	0.000067
1,2,3,4,6,7,8-HpCDF	0.000048	NA	NA	ND(0.0000027)	0.000026	0.0000087 J
1,2,3,4,7,8,9-HpCDF	0.0000071 J	NA	NA	ND(0.0000027)	ND(0.0000052) X	0.0000012 J
HpCDFs (total)	0.00012	NA	NA	ND(0.0000027)	0.000092	0.000021
OCDF	0.000042 J	NA	NA	ND(0.0000054)	0.000064	0.000016 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000028)	NA	NA	ND(0.0000018)	ND(0.0000023) X	ND(0.0000010)
TCDDs (total)	ND(0.0000028)	NA	NA	ND(0.0000041)	0.00000047	ND(0.0000020)
1,2,3,7,8-PeCDD	ND(0.0000028) X	NA	NA	ND(0.0000027)	ND(0.0000013) X	ND(0.00000088) X
PeCDDs (total)	0.0000020 QJ	NA	NA	ND(0.0000045)	0.0000022 QJ	0.00000082
1,2,3,4,7,8-HxCDD	ND(0.0000026)	NA	NA	ND(0.0000027)	0.0000014 J	ND(0.00000065) X
1,2,3,6,7,8-HxCDD	0.0000082 J	NA	NA	ND(0.0000027)	0.0000075 J	0.0000011 J
1,2,3,7,8,9-HxCDD	0.0000041 J	NA	NA	ND(0.0000027)	0.0000034 J	ND(0.0000010) X
HxCDDs (total)	0.000064	NA	NA	ND(0.0000050)	0.000018	0.0000011
1,2,3,4,6,7,8-HpCDD	0.000049	NA	NA	0.0000026 J	0.00012	0.000019 J
HpCDDs (total)	0.00017	NA	NA	0.0000026	0.00020	0.000038
OCDD	0.00020	NA	NA	ND(0.0000077) X	0.00093	0.00018
Total TEQs (WHO TEFs)	0.000074	NA	NA	0.0000041	0.0000076	0.0000082
Inorganics						
Antimony	0.940 B	NA	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	4.60	NA	NA	2.40	4.90	9.30
Barium	20.0	NA	NA	28.0	22.0	72.0
Beryllium	0.170 B	NA	NA	0.290 B	0.260 B	0.200 B
Cadmium	0.260 B	NA	NA	0.150 B	0.180 B	0.340 B
Chromium	5.50	NA	NA	8.00	5.50	8.30
Cobalt	5.90	NA	NA	7.10	5.80	10.0
Copper	16.0	NA	NA	9.60	14.0	40.0
Cyanide	ND(0.220)	NA	NA	ND(0.120)	ND(0.110)	ND(0.120)
Lead	21.0	NA	NA	4.20	22.0	110
Mercury	0.0280 B	NA	NA	ND(0.120)	ND(0.110)	0.390
Nickel	11.0	NA	NA	11.0	12.0	13.0
Selenium	ND(1.00) J	NA	NA	ND(1.00) J	0.980 J	1.10 J
Silver	ND(1.00)	NA	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	50.0	NA	NA	18.0	ND(5.70)	9.20
Thallium	ND(1.10) J	NA	NA	ND(1.20) J	ND(1.10) J	ND(1.20) J
Tin	ND(10.0)	NA	NA	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	7.00	NA	NA	8.20	7.10	9.10
Zinc	37.0	NA	NA	41.0	39.0	76.0

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Sample ID:	RAA11-G15	RAA11-G15	RAA11-G15	RAA11-G21	RAA11-G21	RAA11-G21
Sample Depth (Feet):	3-4	3-6	6-10	0-1	6-10	8-10
Parameter Date Collected:	03/28/03	03/28/03	03/28/03	04/08/03	04/08/03	04/08/03
Volatile Organics						
1,4-Dioxane	ND(0.11) J	NA	NA	ND(0.12) J	NA	ND(0.12) J
2-Butanone	ND(0.011)	NA	NA	ND(0.012) J	NA	ND(0.012) J
Acetone	ND(0.022)	NA	NA	ND(0.023)	NA	ND(0.024)
Benzene	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Chlorobenzene	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Ethylbenzene	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Methylene Chloride	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Tetrachloroethene	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Styrene	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Toluene	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Xylenes (total)	ND(0.0054)	NA	NA	ND(0.0058)	NA	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA
1,2,4-Trichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
1,2-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
1,2-Diphenylhydrazine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
1,3,5-Trinitrobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
1,3-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
1,3-Dinitrobenzene	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
1,4-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
1,4-Naphthoquinone	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
1-Naphthylamine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
2,3,4,6-Tetrachlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,4,5-Trichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,4,6-Trichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,4-Dichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,4-Dimethylphenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,4-Dinitrophenol	NA	ND(1.9) J	NA	ND(2.0) J	ND(2.0) J	NA
2,4-Dinitrotoluene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,6-Dichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2,6-Dinitrotoluene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2-Acetylaminofluorene	NA	ND(0.75)	NA	ND(0.77) J	ND(0.77) J	NA
2-Chloronaphthalene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2-Chlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2-Methylnaphthalene	NA	ND(0.37)	NA	ND(0.38)	0.26 J	NA
2-Methylphenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2-Naphthylamine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
2-Nitroaniline	NA	ND(1.9)	NA	ND(2.0)	ND(2.0)	NA
2-Nitrophenol	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
2-Picoline	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
3&4-Methylphenol	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
3,3'-Dichlorobenzidine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
3,3'-Dimethylbenzidine	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA
3-Methylcholanthrene	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
3-Nitroaniline	NA	ND(1.9)	NA	ND(2.0)	ND(2.0)	NA
4,6-Dinitro-2-methylphenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
4-Aminobiphenyl	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
4-Bromophenyl-phenylether	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
4-Chloro-3-Methylphenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
4-Chloroaniline	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
4-Chlorobenzilate	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
4-Chlorophenyl-phenylether	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
4-Nitroaniline	NA	ND(1.9)	NA	ND(2.0)	ND(2.0)	NA
4-Nitrophenol	NA	ND(1.9)	NA	ND(2.0)	ND(2.0)	NA
4-Nitroquinoline-1-oxide	NA	ND(0.75) J	NA	ND(0.77)	ND(0.77)	NA
4-Phenylenediamine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
5-Nitro-o-toluidine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
a,a'-Dimethylphenethylamine	NA	ND(0.75) J	NA	ND(0.77)	ND(0.77)	NA
Acenaphthene	NA	0.37 J	NA	ND(0.38)	0.25 J	NA
Acenaphthylene	NA	0.49	NA	ND(0.38)	0.33 J	NA
Acetophenone	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Aniline	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Anthracene	NA	1.4	NA	ND(0.38)	0.96	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-G15 3-4 03/28/03	RAA11-G15 3-6 03/28/03	RAA11-G15 6-10 03/28/03	RAA11-G21 0-1 04/08/03	RAA11-G21 6-10 04/08/03	RAA11-G21 8-10 04/08/03
Semivolatile Organics (continued)						
Aramite	NA	ND(0.75)	NA	ND(0.77) J	ND(0.77) J	NA
Benzidine	NA	ND(0.75) J	NA	ND(0.77)	ND(0.77)	NA
Benzo(a)anthracene	NA	3.3	NA	0.12 J	2.3	NA
Benzo(a)pyrene	NA	2.5	NA	0.080 J	1.6	NA
Benzo(b)fluoranthene	NA	2.4	NA	ND(0.38)	1.8	NA
Benzo(g,h,i)perylene	NA	1.4	NA	ND(0.38)	0.82	NA
Benzo(k)fluoranthene	NA	1.9	NA	ND(0.38)	0.77	NA
Benzyl Alcohol	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
bis(2-Chloroethyl)ether	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	NA	0.22 J	NA	ND(0.38)	ND(0.38)	NA
Butylbenzylphthalate	NA	0.29 J	NA	ND(0.38)	ND(0.38)	NA
Chrysene	NA	2.9	NA	ND(0.38)	1.8	NA
Diallate	NA	ND(0.75) J	NA	ND(0.77)	ND(0.77)	NA
Dibenzo(a,h)anthracene	NA	0.58	NA	ND(0.38)	0.28 J	NA
Dibenzofuran	NA	0.40	NA	ND(0.38)	0.22 J	NA
Diethylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Dimethylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Di-n-Butylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Di-n-Octylphthalate	NA	ND(0.37)	NA	ND(0.38) J	ND(0.38) J	NA
Diphenylamine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Ethyl Methanesulfonate	NA	ND(0.37)	NA	ND(0.38) J	ND(0.38) J	NA
Fluoranthene	NA	7.3	NA	0.39	5.4	NA
Fluorene	NA	0.71	NA	ND(0.38)	0.70	NA
Hexachlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Hexachlorobutadiene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Hexachlorocyclopentadiene	NA	ND(0.37)	NA	ND(0.38) J	ND(0.38) J	NA
Hexachloroethane	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Hexachlorophene	NA	ND(0.75) J	NA	ND(0.77) J	ND(0.77) J	NA
Hexachloropropene	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	NA	1.3	NA	ND(0.38)	0.73	NA
Isodrin	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA
Isophorone	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Isosafrole	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
Methapyrilene	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
Methyl Methanesulfonate	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Naphthalene	NA	0.24 J	NA	ND(0.38)	0.31 J	NA
Nitrobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitrosodiethylamine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitrosodimethylamine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitroso-di-n-butylamine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitrosodiphenylamine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitrosomethylethylamine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
N-Nitrosomorpholine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitrosopiperidine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
N-Nitrosopyrrolidine	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
o,o,o-Triethylphosphorothioate	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA
o-Toluidine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
p-Dimethylaminoazobenzene	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
Pentachlorobenzene	NA	ND(0.37) J	NA	ND(0.38) J	ND(0.38) J	NA
Pentachloroethane	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA
Pentachloronitrobenzene	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
Pentachlorophenol	NA	ND(1.9)	NA	ND(2.0)	ND(2.0)	NA
Phenacetin	NA	ND(0.75)	NA	ND(0.77)	ND(0.77)	NA
Phenanthrene	NA	6.4	NA	0.24 J	5.0	NA
Phenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Pronamide	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Pyrene	NA	6.5	NA	ND(0.38)	5.3	NA
Pyridine	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Safrole	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Thionazin	NA	ND(0.37) J	NA	ND(0.38)	ND(0.38)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-G15 3-4 03/28/03	RAA11-G15 3-6 03/28/03	RAA11-G15 6-10 03/28/03	RAA11-G21 0-1 04/08/03	RAA11-G21 6-10 04/08/03	RAA11-G21 8-10 04/08/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	ND(0.058)	0.014	NA
Alpha-Chlordane	NA	NA	NA	ND(0.058)	0.037	NA
Technical Chlordane	NA	NA	NA	ND(0.96)	0.037 J	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	--	--	NA
Herbicides						
None Detected	NA	NA	NA	--	--	NA
Furans						
2,3,7,8-TCDF	NA	0.000020 Y	0.0000070 J	0.0000060 J	0.000022 Y	NA
TCDFs (total)	NA	0.00015	0.000056	0.000036	0.00020 QJ	NA
1,2,3,7,8-PeCDF	NA	0.000011 J	ND(0.0000032) X	ND(0.0000019) X	0.0000065 QJ	NA
2,3,4,7,8-PeCDF	NA	0.000025 J	0.000010 J	0.0000055 J	0.000027 QJ	NA
PeCDFs (total)	NA	0.00022	0.000095	0.000056	0.00031 QJ	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.000026) X	ND(0.0000076) X	0.0000041 J	0.000012 J	NA
1,2,3,6,7,8-HxCDF	NA	0.000015 J	0.0000051 J	0.0000032 J	0.0000087 J	NA
1,2,3,7,8,9-HxCDF	NA	0.0000050 J	0.0000018 J	ND(0.0000028)	0.0000031 J	NA
2,3,4,6,7,8-HxCDF	NA	0.000017 J	0.0000081 J	ND(0.0000045) X	0.000016 J	NA
HxCDFs (total)	NA	0.00021	0.00013	0.000056	0.00022	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000059	0.000059	0.000020 J	0.000032	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000073) X	0.0000034 J	0.0000036 J	0.0000044 J	NA
HpCDFs (total)	NA	0.00011	0.00022	0.000065	0.000078	NA
OCDF	NA	0.000068	0.00025	0.000034 J	0.000044 J	NA
Dioxins						
2,3,7,8-TCDD	NA	ND(0.0000012) X	ND(0.0000011) X	ND(0.0000015)	ND(0.0000021)	NA
TCDDs (total)	NA	ND(0.0000024)	ND(0.0000024)	ND(0.0000015)	ND(0.0000021) QJ	NA
1,2,3,7,8-PeCDD	NA	0.0000014 J	ND(0.0000017) X	ND(0.0000016) X	ND(0.0000026) XJ	NA
PeCDDs (total)	NA	0.0000028	0.00000048	0.0000018 QJ	0.000014 QJ	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000086) X	ND(0.00000091) X	ND(0.0000028)	ND(0.0000027)	NA
1,2,3,6,7,8-HxCDD	NA	0.0000092 J	0.0000066 J	ND(0.0000039) X	0.0000033 J	NA
1,2,3,7,8,9-HxCDD	NA	0.0000046 J	0.0000022 J	0.0000025 J	0.0000022 J	NA
HxCDDs (total)	NA	0.000067	0.000049	0.00010	0.000016	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000078	0.00022	0.00015	0.000037	NA
HpCDDs (total)	NA	0.00017	0.00061	0.0011	0.000075	NA
OCDD	NA	0.00055	0.0022	0.00062	0.00029	NA
Total TEQs (WHO TEFs)	NA	0.000025	0.000013	0.0000084	0.000024	NA
Inorganics						
Antimony	NA	ND(6.00)	NA	ND(6.00)	1.70 B	NA
Arsenic	NA	5.90	NA	5.80	5.70	NA
Barium	NA	55.0	NA	28.0	41.0	NA
Beryllium	NA	0.230 B	NA	0.170 B	0.230 B	NA
Cadmium	NA	0.490 B	NA	0.360 B	0.610	NA
Chromium	NA	8.60	NA	6.00	6.30	NA
Cobalt	NA	8.00	NA	6.10	8.80	NA
Copper	NA	38.0	NA	28.0	54.0	NA
Cyanide	NA	ND(0.110)	NA	0.0880 B	0.0770 B	NA
Lead	NA	110	NA	84.0	130	NA
Mercury	NA	0.340	NA	0.170	0.260	NA
Nickel	NA	14.0	NA	12.0	14.0	NA
Selenium	NA	ND(1.00) J	NA	ND(1.00) J	ND(1.00) J	NA
Silver	NA	0.360 B	NA	ND(1.00)	ND(1.00)	NA
Sulfide	NA	40.0	NA	24.0	40.0	NA
Thallium	NA	ND(1.10) J	NA	ND(1.20) J	ND(1.20) J	NA
Tin	NA	ND(10.0)	NA	ND(10.0)	ND(10.0)	NA
Vanadium	NA	8.50	NA	12.0	7.30	NA
Zinc	NA	94.0	NA	80.0	120	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-G23 0-1 04/08/03	RAA11-G25 0-1 04/02/03	RAA11-G25 6-10 04/02/03	RAA11-G25 8-10 04/02/03	RAA11-G25 10-15 04/02/03	RAA11-G25 14-15 04/02/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	NA	ND(0.21) J	NA	ND(0.12) J
2-Butanone		ND(0.011) J	0.014	NA	ND(0.021)	NA	ND(0.012)
Acetone		ND(0.022)	0.017 J	NA	ND(0.043)	NA	ND(0.025)
Benzene		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Chlorobenzene		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Ethylbenzene		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Methylene Chloride		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Tetrachloroethene		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Styrene		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Toluene		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Xylenes (total)		ND(0.0056)	ND(0.0057)	NA	ND(0.011)	NA	ND(0.0062)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,2,4-Trichlorobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,2-Dichlorobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,2-Diphenylhydrazine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,3,5-Trinitrobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,3-Dichlorobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,3-Dinitrobenzene		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
1,4-Dichlorobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
1,4-Naphthoquinone		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
1-Naphthylamine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
2,3,4,6-Tetrachlorophenol		ND(0.37)	ND(0.38) J	ND(0.43) J	NA	ND(0.41) J	NA
2,4,5-Trichlorophenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2,4,6-Trichlorophenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2,4-Dichlorophenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2,4-Dimethylphenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2,4-Dinitrophenol		ND(1.9) J	ND(2.0) J	ND(2.2) J	NA	ND(2.1) J	NA
2,4-Dinitrotoluene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2,6-Dichlorophenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2,6-Dinitrotoluene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2-Acetylaminofluorene		ND(0.74) J	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
2-Chloronaphthalene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2-Chlorophenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2-Methylnaphthalene		ND(0.37)	ND(0.38)	0.36 J	NA	0.66	NA
2-Methylphenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
2-Naphthylamine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
2-Nitroaniline		ND(1.9)	ND(2.0)	ND(2.2)	NA	ND(2.1)	NA
2-Nitrophenol		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
2-Picoline		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
3&4-Methylphenol		ND(0.74)	0.14 J	ND(0.86)	NA	ND(0.82)	NA
3,3'-Dichlorobenzidine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
3,3'-Dimethylbenzidine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
3-Methylcholanthrene		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
3-Nitroaniline		ND(1.9)	ND(2.0)	ND(2.2)	NA	ND(2.1)	NA
4,6-Dinitro-2-methylphenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
4-Aminobiphenyl		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
4-Bromophenyl-phenylether		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
4-Chloro-3-Methylphenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
4-Chloroaniline		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
4-Chlorobenzilate		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
4-Chlorophenyl-phenylether		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
4-Nitroaniline		ND(1.9)	ND(2.0)	ND(2.2)	NA	ND(2.1)	NA
4-Nitrophenol		ND(1.9)	ND(2.0)	ND(2.2)	NA	ND(2.1)	NA
4-Nitroquinoline-1-oxide		ND(0.74)	ND(0.77)	5.6	NA	ND(0.82)	NA
4-Phenylenediamine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
5-Nitro-o-toluidine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
a,a'-Dimethylphenethylamine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Acenaphthene		ND(0.37)	0.11 J	0.77	NA	1.3	NA
Acenaphthylene		ND(0.37)	0.33 J	0.84	NA	1.6	NA
Acetophenone		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Aniline		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Anthracene		ND(0.37)	0.42	4.8	NA	3.9	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-G23 0-1 04/08/03	RAA11-G25 0-1 04/02/03	RAA11-G25 6-10 04/02/03	RAA11-G25 8-10 04/02/03	RAA11-G25 10-15 04/02/03	RAA11-G25 14-15 04/02/03
Semivolatile Organics (continued)							
Aramite		ND(0.74) J	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Benzidine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Benzo(a)anthracene		ND(0.37)	2.6	17	NA	13	NA
Benzo(a)pyrene		0.14 J	2.9	8.2	NA	9.9	NA
Benzo(b)fluoranthene		0.17 J	2.3	6.9	NA	13	NA
Benzo(g,h,i)perylene		0.13 J	2.0	4.1	NA	5.7	NA
Benzo(k)fluoranthene		ND(0.37)	2.5	6.9	NA	5.5	NA
Benzyl Alcohol		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
bis(2-Chloroethoxy)methane		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
bis(2-Chloroethyl)ether		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
bis(2-Chloroisopropyl)ether		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
bis(2-Ethylhexyl)phthalate		ND(0.37)	ND(0.38)	ND(0.42)	NA	ND(0.40)	NA
Butylbenzylphthalate		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Chrysene		ND(0.37)	3.1	14	NA	12	NA
Diallate		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Dibenzo(a,h)anthracene		ND(0.37)	0.80	1.5	NA	2.5	NA
Dibenzofuran		ND(0.37)	ND(0.38)	0.76	NA	1.0	NA
Diethylphthalate		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Dimethylphthalate		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Di-n-Butylphthalate		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Di-n-Octylphthalate		ND(0.37) J	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Diphenylamine		ND(0.37)	ND(0.38) J	ND(0.43) J	NA	ND(0.41) J	NA
Ethyl Methanesulfonate		ND(0.37) J	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Fluoranthene		0.30 J	4.6	43	NA	26	NA
Fluorene		ND(0.37)	0.14 J	2.5	NA	3.4	NA
Hexachlorobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Hexachlorobutadiene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Hexachlorocyclopentadiene		ND(0.37) J	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Hexachloroethane		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Hexachlorophene		ND(0.74) J	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Hexachloropropene		ND(0.37)	ND(0.38) J	ND(0.43) J	NA	ND(0.41) J	NA
Indeno(1,2,3-cd)pyrene		ND(0.37)	1.8	4.0	NA	5.4	NA
Isodrin		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Isophorone		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Isosafrole		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Methapyrilene		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Methyl Methanesulfonate		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Naphthalene		ND(0.37)	0.13 J	0.53	NA	0.92	NA
Nitrobenzene		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitrosodiethylamine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitrosodimethylamine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitroso-di-n-butylamine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
N-Nitroso-di-n-propylamine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitrosodiphenylamine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitrosomethylethylamine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
N-Nitrosomorpholine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitrosopiperidine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
N-Nitrosopyrrolidine		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
o,o,o-Triethylphosphorothioate		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
o-Toluidine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
p-Dimethylaminoazobenzene		ND(0.74)	ND(0.77) J	ND(0.86) J	NA	ND(0.82) J	NA
Pentachlorobenzene		ND(0.37) J	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Pentachloroethane		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Pentachloronitrobenzene		ND(0.74)	ND(0.77) J	ND(0.86) J	NA	ND(0.82) J	NA
Pentachlorophenol		ND(1.9)	ND(2.0)	ND(2.2)	NA	ND(2.1)	NA
Phenacetin		ND(0.74)	ND(0.77)	ND(0.86)	NA	ND(0.82)	NA
Phenanthrene		0.15 J	2.2	25	NA	23	NA
Phenol		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Pronamide		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Pyrene		0.31 J	5.1	34	NA	30	NA
Pyridine		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Safrole		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA
Thionazin		ND(0.37)	ND(0.38)	ND(0.43)	NA	ND(0.41)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:					
	RAA11-G23 0-1 04/08/03	RAA11-G25 0-1 04/02/03	RAA11-G25 6-10 04/02/03	RAA11-G25 8-10 04/02/03	RAA11-G25 10-15 04/02/03	RAA11-G25 14-15 04/02/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
None Detected	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.0000028 J	0.000042 Y	0.00019 Y	NA	0.000087 Y	NA
TCDFs (total)	0.0000059	0.00047 QJ	0.0028 QJ	NA	0.0014 QJ	NA
1,2,3,7,8-PeCDF	ND(0.0000012) X	0.000017 J	0.000046	NA	0.000024 J	NA
2,3,4,7,8-PeCDF	0.0000022 J	0.000065	0.00037	NA	0.00010	NA
PeCDFs (total)	0.000019	0.00078 QJ	0.0041 QJ	NA	0.0010 QJ	NA
1,2,3,4,7,8-HxCDF	ND(0.0000011) X	0.000049	0.000063	NA	0.000038	NA
1,2,3,6,7,8-HxCDF	ND(0.0000026)	0.000036	0.000076	NA	ND(0.000030) X	NA
1,2,3,7,8,9-HxCDF	ND(0.0000026)	0.000010 J	0.000021 J	NA	0.0000095 J	NA
2,3,4,6,7,8-HxCDF	ND(0.0000013) X	0.000062	0.00019	NA	0.000082	NA
HxCDFs (total)	ND(0.0000026)	0.00086	0.0025	NA	0.0011	NA
1,2,3,4,6,7,8-HpCDF	0.0000037 J	0.000099	0.00014	NA	0.000082	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000026)	0.000016 J	0.000015 J	NA	0.000013 J	NA
HpCDFs (total)	0.0000086	0.00023	0.00033	NA	0.00022	NA
OCDF	ND(0.0000074) X	0.000081	0.000056 J	NA	0.000064	NA
Dioxins						
2,3,7,8-TCDD	ND(0.0000011)	ND(0.0000018) X	ND(0.0000034) X	NA	ND(0.0000029)	NA
TCDDs (total)	ND(0.0000016)	ND(0.0000043)	0.000030	NA	ND(0.0000029)	NA
1,2,3,7,8-PeCDD	ND(0.0000026)	ND(0.0000046) X	ND(0.0000081) X	NA	ND(0.0000048) X	NA
PeCDDs (total)	ND(0.0000031) QJ	0.000017	0.000085	NA	0.000023	NA
1,2,3,4,7,8-HxCDD	ND(0.0000026)	ND(0.0000030)	0.0000042 J	NA	ND(0.0000042) X	NA
1,2,3,6,7,8-HxCDD	ND(0.0000026)	0.0000053 J	0.000013 J	NA	0.0000066 J	NA
1,2,3,7,8,9-HxCDD	ND(0.0000026)	0.0000035 J	ND(0.0000082) X	NA	0.0000052 J	NA
HxCDDs (total)	ND(0.0000042)	0.000021	0.00012	NA	0.000045	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000066) X	0.000048	0.000039	NA	0.000034	NA
HpCDDs (total)	ND(0.0000026)	0.00012	0.000080	NA	0.000065	NA
OCDD	ND(0.000044)	0.00039	0.00016	NA	0.00016	NA
Total TEQs (WHO TEFs)	0.0000041	0.000059	0.00025	NA	0.000081	NA
Inorganics						
Antimony	ND(6.00)	ND(6.0)	ND(6.0)	NA	ND(6.00)	NA
Arsenic	4.60	6.80	8.90	NA	8.20	NA
Barium	36.0	48.0	40.0	NA	53.0	NA
Beryllium	0.150 B	0.270 B	0.140 B	NA	0.160 B	NA
Cadmium	0.310 B	1.10	0.770	NA	0.810	NA
Chromium	5.00	12.0	4.60	NA	5.80	NA
Cobalt	5.90	7.00	5.10	NA	7.60	NA
Copper	17.0	42.0	33.0	NA	35.0	NA
Cyanide	0.0880 B	0.0930 B	0.180	NA	0.100 B	NA
Lead	47.0	90.0	160	NA	170	NA
Mercury	0.0970 B	0.230	0.380	NA	0.160	NA
Nickel	10.0	13.0	7.60	NA	10.0	NA
Selenium	ND(1.00) J	0.590 B	ND(1.00)	NA	ND(1.00)	NA
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide	18.0	11.0	100	NA	150	NA
Thallium	ND(1.10) J	1.30 J	ND(1.30) J	NA	ND(1.20) J	NA
Tin	ND(10.0)	ND(10.0)	ND(15.0)	NA	ND(10.0)	NA
Vanadium	9.20	12.0	4.30 B	NA	5.50 B	NA
Zinc	48.0	100	130	NA	79.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-G27 0-1 04/03/03	RAA11-G27 1-3 04/03/03	RAA11-G27 3-6 04/03/03	RAA11-G27 4-6 04/03/03
Volatile Organics					
1,4-Dioxane		ND(0.12) J	ND(0.12) J	NA	ND(0.15) J [ND(0.13) J]
2-Butanone		ND(0.012) J	ND(0.012) J	NA	ND(0.015) J [ND(0.013)]
Acetone		ND(0.024)	ND(0.023)	NA	ND(0.029) [ND(0.026)]
Benzene		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064)]
Chlorobenzene		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064) J]
Ethylbenzene		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064) J]
Methylene Chloride		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064)]
Tetrachloroethene		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064) J]
Styrene		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064) J]
Toluene		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064) J]
Xylenes (total)		ND(0.0061)	ND(0.0058)	NA	ND(0.0073) [ND(0.0064) J]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
1,2,4-Trichlorobenzene		ND(0.41)	ND(0.39) J	ND(0.44) [ND(0.43)]	NA
1,2-Dichlorobenzene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
1,2-Diphenylhydrazine		ND(0.41)	ND(0.39) J	ND(0.44) J [ND(0.43)]	NA
1,3,5-Trinitrobenzene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
1,3-Dichlorobenzene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
1,3-Dinitrobenzene		ND(0.82)	ND(0.78) J	ND(0.88) J [ND(0.86)]	NA
1,4-Dichlorobenzene		ND(0.41)	ND(0.39) J	ND(0.44) [ND(0.43)]	NA
1,4-Naphthoquinone		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
1-Naphthylamine		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
2,3,4,6-Tetrachlorophenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,4,5-Trichlorophenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,4,6-Trichlorophenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,4-Dichlorophenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,4-Dimethylphenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,4-Dinitrophenol		66	ND(2.0) J	ND(2.2) J [ND(2.2) J]	NA
2,4-Dinitrotoluene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,6-Dichlorophenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2,6-Dinitrotoluene		ND(0.41) J	ND(0.39) J	ND(0.44) J [ND(0.43) J]	NA
2-Acetylaminofluorene		ND(0.82)	ND(0.78)	ND(0.88) [ND(2.1)]	NA
2-Chloronaphthalene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2-Chlorophenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2-Methylnaphthalene		ND(0.41)	ND(0.39)	0.11 J [0.13 J]	NA
2-Methylphenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
2-Naphthylamine		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
2-Nitroaniline		ND(2.1) J	ND(2.0) J	ND(2.2) J [ND(2.2) J]	NA
2-Nitrophenol		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
2-Picoline		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
3&4-Methylphenol		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
3,3'-Dichlorobenzidine		ND(0.82) J	ND(0.78) J	ND(0.88) J [ND(4.3)]	NA
3,3'-Dimethylbenzidine		ND(0.41)	ND(0.39)	ND(0.44) [ND(2.1)]	NA
3-Methylcholanthrene		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
3-Nitroaniline		ND(2.1) J	ND(2.0) J	ND(2.2) J [ND(2.2) J]	NA
4,6-Dinitro-2-methylphenol		ND(0.41) J	ND(0.39) J	ND(0.44) J [ND(0.43) J]	NA
4-Aminobiphenyl		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
4-Bromophenyl-phenylether		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
4-Chloro-3-Methylphenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
4-Chloroaniline		ND(0.41) J	ND(0.39) J	ND(0.44) J [ND(0.43) J]	NA
4-Chlorobenzilate		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
4-Chlorophenyl-phenylether		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
4-Nitroaniline		ND(2.1) J	ND(2.0) J	ND(2.2) J [ND(2.2) J]	NA
4-Nitrophenol		ND(2.1) J	ND(2.0) J	ND(2.2) J [ND(2.2) J]	NA
4-Nitroquinoline-1-oxide		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
4-Phenylenediamine		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
5-Nitro-o-toluidine		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
7,12-Dimethylbenz(a)anthracene		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
a,a'-Dimethylphenethylamine		ND(0.82)	ND(0.78) J	ND(0.88) J [ND(0.86)]	NA
Acenaphthene		ND(0.41)	ND(0.39) J	0.12 J [0.16 J]	NA
Acenaphthylene		ND(0.41)	0.23 J	0.21 J [0.18 J]	NA
Acetophenone		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Aniline		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Anthracene		0.60	0.37 J	0.55 [0.60]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-G27 0-1 04/03/03	RAA11-G27 1-3 04/03/03	RAA11-G27 3-6 04/03/03	RAA11-G27 4-6 04/03/03
Semivolatile Organics (continued)					
Aramite		ND(0.82)	ND(0.78)	ND(0.88) [ND(2.1)]	NA
Benzidine		ND(0.82)	ND(0.78)	ND(0.88) [ND(4.3)]	NA
Benzo(a)anthracene		1.4	1.8	2.9 [3]	NA
Benzo(a)pyrene		0.89	1.7	2.8 [3.0 J]	NA
Benzo(b)fluoranthene		0.73	1.2	1.8 J [3.1 J]	NA
Benzo(g,h,i)perylene		0.52	0.96	1.4 J [2.8 J]	NA
Benzo(k)fluoranthene		0.97	1.6	2.4 [2.6]	NA
Benzyl Alcohol		ND(0.82) J	ND(0.78) J	ND(0.88) J [ND(0.86) J]	NA
bis(2-Chloroethoxy)methane		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
bis(2-Chloroethyl)ether		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
bis(2-Chloroisopropyl)ether		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
bis(2-Ethylhexyl)phthalate		ND(0.40) J	ND(0.38) J	ND(0.43) J [ND(1.1)]	NA
Butylbenzylphthalate		ND(0.41) J	ND(0.39) J	ND(0.44) J [ND(2.1)]	NA
Chrysene		1.5	2.3	3.4 [4.3]	NA
Diallate		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
Dibenzo(a,h)anthracene		ND(0.41)	0.23 J	0.50 J [1.3 J]	NA
Dibenzofuran		ND(0.41)	ND(0.39)	0.094 J [0.099 J]	NA
Diethylphthalate		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Dimethylphthalate		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Di-n-Butylphthalate		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Di-n-Octylphthalate		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Diphenylamine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Ethyl Methanesulfonate		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Fluoranthene		3.8	3.8	5.0 [3.6]	NA
Fluorene		0.20 J	0.19 J	0.34 J [0.44]	NA
Hexachlorobenzene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Hexachlorobutadiene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Hexachlorocyclopentadiene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Hexachloroethane		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Hexachlorophene		ND(0.82) J	ND(0.78) J	ND(0.88) J [ND(0.86)]	NA
Hexachloropropene		ND(0.41)	ND(0.39) J	ND(0.44) J [ND(0.43)]	NA
Indeno(1,2,3-cd)pyrene		0.48	0.76	1.2 J [2.4 J]	NA
Isodrin		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Isophorone		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Isosafrole		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
Methapyrilene		ND(0.82)	ND(0.78) J	ND(0.88) J [ND(0.86)]	NA
Methyl Methanesulfonate		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Naphthalene		ND(0.41)	0.098 J	0.18 J [0.19 J]	NA
Nitrobenzene		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitrosodiethylamine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitrosodimethylamine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitroso-di-n-butylamine		ND(0.82) J	ND(0.78) J	ND(0.88) J [ND(0.86)]	NA
N-Nitroso-di-n-propylamine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitrosodiphenylamine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitrosomethylethylamine		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
N-Nitrosomorpholine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitrosopiperidine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
N-Nitrosopyrrolidine		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
o,o,o-Triethylphosphorothioate		ND(0.41)	ND(0.39) J	ND(0.44) J [ND(0.43)]	NA
o-Toluidine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
p-Dimethylaminoazobenzene		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
Pentachlorobenzene		ND(0.41)	ND(0.39) J	ND(0.44) J [ND(0.43)]	NA
Pentachloroethane		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Pentachloronitrobenzene		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
Pentachlorophenol		ND(2.1)	ND(2.0)	ND(2.2) [ND(2.2)]	NA
Phenacetin		ND(0.82)	ND(0.78)	ND(0.88) [ND(0.86)]	NA
Phenanthrene		3.4	2.5	3.7 [4.6]	NA
Phenol		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Pronamide		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Pyrene		4.9	4.2 J	8.0 [10]	NA
Pyridine		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Safrole		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA
Thionazin		ND(0.41)	ND(0.39)	ND(0.44) [ND(0.43)]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-G27 0-1 04/03/03	RAA11-G27 1-3 04/03/03	RAA11-G27 3-6 04/03/03	RAA11-G27 4-6 04/03/03
Organochlorine Pesticides					
Aldrin		NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA
Organophosphate Pesticides					
None Detected		NA	NA	NA	NA
Herbicides					
None Detected		NA	NA	NA	NA
Furans					
2,3,7,8-TCDF		0.000033 Y	0.000015 Y	0.000033 Y [0.000036 Y]	NA
TCDFs (total)		0.00041	0.00023	0.00034 QJ [0.00043 QJ]	NA
1,2,3,7,8-PeCDF		0.000016 J	0.0000060 J	0.0000097 J [ND(0.000010) XQJ]	NA
2,3,4,7,8-PeCDF		0.000090	0.000044	0.000054 [0.000055]	NA
PeCDFs (total)		0.00096	0.00040	0.00068 QJ [0.00068 QJ]	NA
1,2,3,4,7,8-HxCDF		ND(0.000029) X	0.000011 J	0.000022 J [0.000022 J]	NA
1,2,3,6,7,8-HxCDF		ND(0.000028) X	0.000010 J	0.000017 J [0.000019 J]	NA
1,2,3,7,8,9-HxCDF		0.000010 J	0.0000058 J	0.0000048 J [0.0000055 J]	NA
2,3,4,6,7,8-HxCDF		0.000068	0.000026 J	0.000035 [0.000038]	NA
HxCDFs (total)		0.00082	0.00034	0.00054 [0.00062]	NA
1,2,3,4,6,7,8-HpCDF		0.000061	ND(0.000023) X	0.000049 [0.000048]	NA
1,2,3,4,7,8,9-HpCDF		0.000010 J	0.0000042 J	0.0000062 J [0.0000058 J]	NA
HpCDFs (total)		0.00015	0.000038	0.00013 [0.00013]	NA
OCDF		0.000051 J	0.000015 J	ND(0.000033) X [0.000030 J]	NA
Dioxins					
2,3,7,8-TCDD		ND(0.0000043)	ND(0.0000023)	ND(0.0000012) QJ [ND(0.0000021)]	NA
TCDDs (total)		ND(0.0000043)	ND(0.0000023)	ND(0.0000042) [0.0000025]	NA
1,2,3,7,8-PeCDD		ND(0.0000059) X	ND(0.0000032) X	ND(0.0000026) XJ [ND(0.0000014) XJ]	NA
PeCDDs (total)		0.000011	0.0000061	0.000012 QJ [0.0000099 J]	NA
1,2,3,4,7,8-HxCDD		ND(0.0000029) X	ND(0.0000027)	ND(0.0000029) [ND(0.0000029)]	NA
1,2,3,6,7,8-HxCDD		ND(0.0000056) X	ND(0.0000032) X	0.0000041 J [0.0000038 J]	NA
1,2,3,7,8,9-HxCDD		0.0000032 J	0.0000020 J	ND(0.0000026) X [0.0000022 J]	NA
HxCDDs (total)		0.000033	0.0000020	0.000013 J [0.000027 J]	NA
1,2,3,4,6,7,8-HpCDD		0.000039	ND(0.000010) X	0.000022 J [0.000026 J]	NA
HpCDDs (total)		0.000073	0.000012	0.000046 [0.000056]	NA
OCDD		0.00029	0.000065	0.00020 [0.00018]	NA
Total TEQs (WHO TEFs)		0.000067	0.000033	0.000042 [0.000043]	NA
Inorganics					
Antimony		1.00 B	1.80 B	2.00 B [1.10 B]	NA
Arsenic		5.80	5.10	5.70 [5.20]	NA
Barium		22.0	30.0	37.0 [60.0]	NA
Beryllium		0.300 B	0.240 B	0.380 B [0.260 B]	NA
Cadmium		0.870	0.770	1.00 [0.900]	NA
Chromium		6.10	7.90	10.0 [11.0]	NA
Cobalt		7.00	7.30	6.30 [6.20]	NA
Copper		20.0	32.0	34.0 [35.0]	NA
Cyanide		0.130	0.0620 B	0.0920 B [0.110 B]	NA
Lead		49.0	63.0	98.0 [98.0]	NA
Mercury		0.130	0.110 B	0.170 [0.140]	NA
Nickel		11.0	11.0	10.0 [11.0]	NA
Selenium		ND(1.00) J	ND(1.00) J	0.690 B J [0.760 J]	NA
Silver		ND(1.00)	ND(1.00)	4.50 [ND(1.00)]	NA
Sulfide		65.0 J	20.0 J	46.0 J [72.0 J]	NA
Thallium		1.90	ND(1.20)	ND(1.30) J [ND(1.30) J]	NA
Tin		ND(10.0)	ND(10.0)	ND(10.0) [ND(10.0)]	NA
Vanadium		5.60 B	5.80	6.30 B [6.70]	NA
Zinc		51.0	71.0	79.0 [98.0]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-H15 0-1 03/25/03	RAA11-H18 0-1 04/08/03	RAA11-H18 6-10 04/08/03	RAA11-H20 0-1 04/08/03
Volatile Organics					
1,4-Dioxane		ND(0.12) J	ND(0.11) J	NA	ND(0.12) J [ND(0.12) J]
2-Butanone		ND(0.012)	ND(0.011) J	NA	ND(0.012) J [ND(0.012) J]
Acetone		ND(0.025)	ND(0.023)	NA	ND(0.023) [ND(0.023)]
Benzene		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Chlorobenzene		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Ethylbenzene		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Methylene Chloride		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Tetrachloroethene		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Styrene		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Toluene		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Xylenes (total)		ND(0.0063)	ND(0.0057)	NA	ND(0.0058) [ND(0.0058)]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
1,2,4-Trichlorobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
1,2-Dichlorobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
1,2-Diphenylhydrazine		NA	NA	NA	ND(0.39) [ND(0.39)]
1,3,5-Trinitrobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
1,3-Dichlorobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
1,3-Dinitrobenzene		NA	NA	NA	ND(0.78) [ND(0.78)]
1,4-Dichlorobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
1,4-Naphthoquinone		NA	NA	NA	ND(0.78) [ND(0.78)]
1-Naphthylamine		NA	NA	NA	ND(0.78) [ND(0.78)]
2,3,4,6-Tetrachlorophenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2,4,5-Trichlorophenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2,4,6-Trichlorophenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2,4-Dichlorophenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2,4-Dimethylphenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2,4-Dinitrophenol		NA	NA	NA	ND(2.0) J [ND(2.0) J]
2,4-Dinitrotoluene		NA	NA	NA	ND(0.39) [ND(0.39)]
2,6-Dichlorophenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2,6-Dinitrotoluene		NA	NA	NA	ND(0.39) [ND(0.39)]
2-Acetylaminofluorene		NA	NA	NA	ND(0.78) J [ND(0.78) J]
2-Chloronaphthalene		NA	NA	NA	ND(0.39) [ND(0.39)]
2-Chlorophenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2-Methylnaphthalene		NA	NA	NA	ND(0.39) [ND(0.39)]
2-Methylphenol		NA	NA	NA	ND(0.39) [ND(0.39)]
2-Naphthylamine		NA	NA	NA	ND(0.78) [ND(0.78)]
2-Nitroaniline		NA	NA	NA	ND(2.0) [ND(2.0)]
2-Nitrophenol		NA	NA	NA	ND(0.78) [ND(0.78)]
2-Picoline		NA	NA	NA	ND(0.39) [ND(0.39)]
3&4-Methylphenol		NA	NA	NA	ND(0.78) [ND(0.78)]
3,3'-Dichlorobenzidine		NA	NA	NA	ND(0.78) [ND(0.78)]
3,3'-Dimethylbenzidine		NA	NA	NA	ND(0.39) [ND(0.39)]
3-Methylcholanthrene		NA	NA	NA	ND(0.78) [ND(0.78)]
3-Nitroaniline		NA	NA	NA	ND(2.0) [ND(2.0)]
4,6-Dinitro-2-methylphenol		NA	NA	NA	ND(0.39) [ND(0.39)]
4-Aminobiphenyl		NA	NA	NA	ND(0.78) [ND(0.78)]
4-Bromophenyl-phenylether		NA	NA	NA	ND(0.39) [ND(0.39)]
4-Chloro-3-Methylphenol		NA	NA	NA	ND(0.39) [ND(0.39)]
4-Chloroaniline		NA	NA	NA	ND(0.39) [ND(0.39)]
4-Chlorobenzilate		NA	NA	NA	ND(0.78) [ND(0.78)]
4-Chlorophenyl-phenylether		NA	NA	NA	ND(0.39) [ND(0.39)]
4-Nitroaniline		NA	NA	NA	ND(2.0) [ND(2.0)]
4-Nitrophenol		NA	NA	NA	ND(2.0) [ND(2.0)]
4-Nitroquinoline-1-oxide		NA	NA	NA	ND(0.78) [ND(0.78)]
4-Phenylenediamine		NA	NA	NA	ND(0.78) [ND(0.78)]
5-Nitro-o-toluidine		NA	NA	NA	ND(0.78) [ND(0.78)]
7,12-Dimethylbenz(a)anthracene		NA	NA	NA	ND(0.78) [ND(0.78)]
a,a'-Dimethylphenethylamine		NA	NA	NA	ND(0.78) [ND(0.78)]
Acenaphthene		NA	NA	NA	ND(0.39) [ND(0.39)]
Acenaphthylene		NA	NA	NA	ND(0.39) [ND(0.39)]
Acetophenone		NA	NA	NA	ND(0.39) [ND(0.39)]
Aniline		NA	NA	NA	ND(0.39) [ND(0.39)]
Anthracene		NA	NA	NA	ND(0.39) [ND(0.39)]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-H15 0-1 03/25/03	RAA11-H18 0-1 04/08/03	RAA11-H18 6-10 04/08/03	RAA11-H20 0-1 04/08/03
Semivolatile Organics (continued)					
Aramite		NA	NA	NA	ND(0.78) J [ND(0.78) J]
Benzidine		NA	NA	NA	ND(0.78) [ND(0.78)]
Benzo(a)anthracene		NA	NA	NA	0.14 J [0.12 J]
Benzo(a)pyrene		NA	NA	NA	0.16 J [0.12 J]
Benzo(b)fluoranthene		NA	NA	NA	0.18 J [0.16 J]
Benzo(g,h,i)perylene		NA	NA	NA	0.099 J [0.085 J]
Benzo(k)fluoranthene		NA	NA	NA	ND(0.39) [ND(0.39)]
Benzyl Alcohol		NA	NA	NA	ND(0.78) [ND(0.78)]
bis(2-Chloroethoxy)methane		NA	NA	NA	ND(0.39) [ND(0.39)]
bis(2-Chloroethyl)ether		NA	NA	NA	ND(0.39) [ND(0.39)]
bis(2-Chloroisopropyl)ether		NA	NA	NA	ND(0.39) [ND(0.39)]
bis(2-Ethylhexyl)phthalate		NA	NA	NA	ND(0.38) [ND(0.38)]
Butylbenzylphthalate		NA	NA	NA	ND(0.39) [ND(0.39)]
Chrysene		NA	NA	NA	0.15 J [0.14 J]
Diallate		NA	NA	NA	ND(0.78) [ND(0.78)]
Dibenzo(a,h)anthracene		NA	NA	NA	ND(0.39) [ND(0.39)]
Dibenzofuran		NA	NA	NA	ND(0.39) [ND(0.39)]
Diethylphthalate		NA	NA	NA	ND(0.39) [ND(0.39)]
Dimethylphthalate		NA	NA	NA	ND(0.39) [ND(0.39)]
Di-n-Butylphthalate		NA	NA	NA	ND(0.39) [ND(0.39)]
Di-n-Octylphthalate		NA	NA	NA	ND(0.39) J [ND(0.39) J]
Diphenylamine		NA	NA	NA	ND(0.39) [ND(0.39)]
Ethyl Methanesulfonate		NA	NA	NA	ND(0.39) J [ND(0.39) J]
Fluoranthene		NA	NA	NA	0.29 J [0.27 J]
Fluorene		NA	NA	NA	ND(0.39) [ND(0.39)]
Hexachlorobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
Hexachlorobutadiene		NA	NA	NA	ND(0.39) [ND(0.39)]
Hexachlorocyclopentadiene		NA	NA	NA	ND(0.39) J [ND(0.39) J]
Hexachloroethane		NA	NA	NA	ND(0.39) [ND(0.39)]
Hexachlorophene		NA	NA	NA	ND(0.78) J [ND(0.78) J]
Hexachloropropene		NA	NA	NA	ND(0.39) [ND(0.39)]
Indeno(1,2,3-cd)pyrene		NA	NA	NA	0.086 J [0.082 J]
Isodrin		NA	NA	NA	ND(0.39) [ND(0.39)]
Isophorone		NA	NA	NA	ND(0.39) [ND(0.39)]
Isosafrole		NA	NA	NA	ND(0.78) [ND(0.78)]
Methapyrilene		NA	NA	NA	ND(0.78) [ND(0.78)]
Methyl Methanesulfonate		NA	NA	NA	ND(0.39) [ND(0.39)]
Naphthalene		NA	NA	NA	ND(0.39) [ND(0.39)]
Nitrobenzene		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitrosodiethylamine		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitrosodimethylamine		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitroso-di-n-butylamine		NA	NA	NA	ND(0.78) [ND(0.78)]
N-Nitroso-di-n-propylamine		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitrosodiphenylamine		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitrosomethylethylamine		NA	NA	NA	ND(0.78) [ND(0.78)]
N-Nitrosomorpholine		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitrosopiperidine		NA	NA	NA	ND(0.39) [ND(0.39)]
N-Nitrosopyrrolidine		NA	NA	NA	ND(0.78) [ND(0.78)]
o,o,o-Triethylphosphorothioate		NA	NA	NA	ND(0.39) [ND(0.39)]
o-Toluidine		NA	NA	NA	ND(0.39) [ND(0.39)]
p-Dimethylaminoazobenzene		NA	NA	NA	ND(0.78) [ND(0.78)]
Pentachlorobenzene		NA	NA	NA	ND(0.39) J [ND(0.39) J]
Pentachloroethane		NA	NA	NA	ND(0.39) [ND(0.39)]
Pentachloronitrobenzene		NA	NA	NA	ND(0.78) [ND(0.78)]
Pentachlorophenol		NA	NA	NA	ND(2.0) [ND(2.0)]
Phenacetin		NA	NA	NA	ND(0.78) [ND(0.78)]
Phenanthrene		NA	NA	NA	0.13 J [0.13 J]
Phenol		NA	NA	NA	ND(0.39) [ND(0.39)]
Pronamide		NA	NA	NA	ND(0.39) [ND(0.39)]
Pyrene		NA	NA	NA	0.25 J [0.24 J]
Pyridine		NA	NA	NA	ND(0.39) [ND(0.39)]
Safrole		NA	NA	NA	ND(0.39) [ND(0.39)]
Thionazin		NA	NA	NA	ND(0.39) [ND(0.39)]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-H15 0-1 03/25/03	RAA11-H18 0-1 04/08/03	RAA11-H18 6-10 04/08/03	RAA11-H20 0-1 04/08/03
Organochlorine Pesticides					
Aldrin		NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA
Organophosphate Pesticides					
None Detected		NA	NA	NA	NA
Herbicides					
None Detected		NA	NA	NA	NA
Furans					
2,3,7,8-TCDF		0.000011 J	ND(0.0000036) J	ND(0.000012)	0.0000024 J [ND(0.0000072)]
TCDFs (total)		0.00015	ND(0.0000036) QJ	0.000021	0.0000083 [ND(0.0000072)]
1,2,3,7,8-PeCDF		ND(0.0000038)	ND(0.0000027) J	ND(0.0000029) XQJ	ND(0.0000010) X [ND(0.0000028)]
2,3,4,7,8-PeCDF		0.000022 J	ND(0.0000011) XQJ	ND(0.000011) XJ	ND(0.0000015) X [ND(0.0000028)]
PeCDFs (total)		0.00033	0.0000012 QJ	0.00017 QJ	0.0000059 J [0.0000032 J]
1,2,3,4,7,8-HxCDF		0.0000070 J	ND(0.0000027)	0.0000062 J	ND(0.0000028) [ND(0.0000030)]
1,2,3,6,7,8-HxCDF		0.000011 J	ND(0.0000027)	0.0000060 J	ND(0.0000028) [ND(0.0000028)]
1,2,3,7,8,9-HxCDF		0.0000031 J	ND(0.0000030)	ND(0.0000058)	ND(0.0000028) [ND(0.0000034)]
2,3,4,6,7,8-HxCDF		0.000026 J	ND(0.0000027)	0.000013 J	ND(0.0000028) [ND(0.0000030)]
HxCDFs (total)		0.00032	0.0000034 QJ	0.00014	0.0000047 [ND(0.0000030)]
1,2,3,4,6,7,8-HpCDF		0.000029 J	0.0000036 J	0.000016 J	ND(0.0000036) X [0.0000039 J]
1,2,3,4,7,8,9-HpCDF		0.0000029 J	ND(0.0000032)	ND(0.0000044)	ND(0.0000028) [ND(0.0000028)]
HpCDFs (total)		0.000066	0.0000036	0.000039	0.0000033 J [0.0000074 J]
OCDF		0.000028 J	ND(0.0000082)	0.000013 J	0.0000065 J [0.0000064 J]
Dioxins					
2,3,7,8-TCDD		ND(0.0000032)	ND(0.0000022) J	ND(0.0000021)	ND(0.0000016) [ND(0.0000016)]
TCDDs (total)		ND(0.0000041)	ND(0.0000022) QJ	ND(0.0000021)	ND(0.0000016) [ND(0.0000030)]
1,2,3,7,8-PeCDD		ND(0.0000014) X	ND(0.0000027)	ND(0.0000055) J	ND(0.0000028) [ND(0.0000041)]
PeCDDs (total)		0.0000056	ND(0.0000033) QJ	ND(0.0000055) QJ	ND(0.0000030) [ND(0.0000041)]
1,2,3,4,7,8-HxCDD		0.0000016 J	ND(0.0000036)	ND(0.0000075) J	ND(0.0000028) [ND(0.0000048)]
1,2,3,6,7,8-HxCDD		ND(0.0000025) X	ND(0.0000035)	ND(0.0000074) J	ND(0.0000028) [ND(0.0000048)]
1,2,3,7,8,9-HxCDD		0.0000027 J	ND(0.0000036)	ND(0.0000076) J	ND(0.0000028) [ND(0.0000049)]
HxCDDs (total)		0.000023	0.0000061	0.0000067 QJ	0.0000014 [ND(0.0000048)]
1,2,3,4,6,7,8-HpCDD		0.000032	0.0000084 J	0.0000095 J	0.0000093 J [0.0000087 J]
HpCDDs (total)		0.000065	0.000018	0.000019	0.000016 [0.000015]
OCDD		0.00022	ND(0.000042)	0.000070	0.000059 [ND(0.000054)]
Total TEQs (WHO TEFs)		0.000020	0.0000042	0.000011	0.0000040 [0.0000055]
Inorganics					
Antimony		NA	NA	NA	ND(6.00) [ND(6.00)]
Arsenic		NA	NA	NA	6.40 [6.10]
Barium		NA	NA	NA	52.0 [40.0]
Beryllium		NA	NA	NA	0.180 B [0.200 B]
Cadmium		NA	NA	NA	0.340 B [0.450 B]
Chromium		NA	NA	NA	6.90 [8.90]
Cobalt		NA	NA	NA	9.40 [7.90]
Copper		NA	NA	NA	20.0 [23.0]
Cyanide		NA	NA	NA	0.110 B [0.0960 B]
Lead		NA	NA	NA	40.0 [45.0]
Mercury		NA	NA	NA	0.180 [0.140]
Nickel		NA	NA	NA	12.0 [14.0]
Selenium		NA	NA	NA	ND(1.00) J [0.630 J]
Silver		NA	NA	NA	1.00 [0.420 B]
Sulfide		NA	NA	NA	9.30 [7.40]
Thallium		NA	NA	NA	ND(1.20) J [ND(1.20) J]
Tin		NA	NA	NA	ND(16.0) [ND(10.0)]
Vanadium		NA	NA	NA	5.30 [7.20]
Zinc		NA	NA	NA	59.0 [68.0]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I11 0-1 03/26/03	RAA11-I11 1-3 03/26/03	RAA11-I11 3-6 03/26/03	RAA11-I11 4-6 03/26/03
Volatile Organics				
1,4-Dioxane	0.12 J	0.24 J	NA	0.21 J [ND(0.12) J]
2-Butanone	ND(0.012)	ND(0.012)	NA	ND(0.012) [ND(0.012) J]
Acetone	ND(0.023)	ND(0.023)	NA	ND(0.025) [ND(0.024) J]
Benzene	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Chlorobenzene	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Ethylbenzene	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Methylene Chloride	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Tetrachloroethene	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Styrene	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Toluene	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Xylenes (total)	ND(0.0058)	ND(0.0058)	NA	ND(0.0062) [ND(0.0060) J]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
1,2-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
1,2-Diphenylhydrazine	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
1,3,5-Trinitrobenzene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
1,3-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
1,3-Dinitrobenzene	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
1,4-Dichlorobenzene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
1,4-Naphthoquinone	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
1-Naphthylamine	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
2,3,4,6-Tetrachlorophenol	ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
2,4,5-Trichlorophenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2,4,6-Trichlorophenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2,4-Dichlorophenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2,4-Dimethylphenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2,4-Dinitrophenol	ND(2.0) J	ND(2.0) J	ND(2.0) J [ND(2.0) J]	NA
2,4-Dinitrotoluene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2,6-Dichlorophenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2,6-Dinitrotoluene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2-Acetylaminofluorene	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
2-Chloronaphthalene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2-Chlorophenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2-Methylnaphthalene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2-Methylphenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
2-Naphthylamine	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
2-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NA
2-Nitrophenol	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
2-Picoline	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
3&4-Methylphenol	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
3,3'-Dichlorobenzidine	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
3,3'-Dimethylbenzidine	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
3-Methylcholanthrene	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
3-Nitroaniline	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NA
4,6-Dinitro-2-methylphenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
4-Aminobiphenyl	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
4-Bromophenyl-phenylether	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
4-Chloro-3-Methylphenol	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
4-Chloroaniline	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
4-Chlorobenzilate	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
4-Chlorophenyl-phenylether	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
4-Nitroaniline	ND(2.0) J	ND(2.0) J	ND(2.0) J [ND(2.0) J]	NA
4-Nitrophenol	ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NA
4-Nitroquinoline-1-oxide	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
4-Phenylenediamine	ND(0.77) J	ND(0.77) J	ND(0.81) J [ND(0.81) J]	NA
5-Nitro-o-toluidine	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
7,12-Dimethylbenz(a)anthracene	ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
a,a'-Dimethylphenethylamine	ND(0.77) J	ND(0.77) J	ND(0.81) J [ND(0.81) J]	NA
Acenaphthene	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Acenaphthylene	ND(0.38)	ND(0.38)	0.33 J [0.61]	NA
Acetophenone	0.16 J	ND(0.38)	ND(0.40) [0.096 J]	NA
Aniline	ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Anthracene	ND(0.38)	ND(0.38)	0.29 J [0.59]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-I11 0-1 03/26/03	RAA11-I11 1-3 03/26/03	RAA11-I11 3-6 03/26/03	RAA11-I11 4-6 03/26/03
Semivolatile Organics (continued)					
Aramite		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Benzidine		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Benzo(a)anthracene		ND(0.38)	ND(0.38)	0.97 J [1.7]	NA
Benzo(a)pyrene		ND(0.38)	ND(0.38)	1.2 [1.8]	NA
Benzo(b)fluoranthene		ND(0.38)	ND(0.38)	0.78 J [1.3]	NA
Benzo(g,h,i)perylene		ND(0.38)	ND(0.38)	0.76 [1.1]	NA
Benzo(k)fluoranthene		ND(0.38)	ND(0.38)	0.72 [1.1]	NA
Benzyl Alcohol		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
bis(2-Chloroethoxy)methane		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
bis(2-Chloroethyl)ether		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
bis(2-Chloroisopropyl)ether		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
bis(2-Ethylhexyl)phthalate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Butylbenzylphthalate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Chrysene		ND(0.38)	ND(0.38)	0.88 J [1.5]	NA
Diallate		ND(0.77) J	ND(0.77) J	ND(0.81) J [ND(0.81) J]	NA
Dibenzo(a,h)anthracene		ND(0.38)	ND(0.38)	0.21 J [0.35 J]	NA
Dibenzofuran		ND(0.38)	ND(0.38)	ND(0.40) [0.22 J]	NA
Diethylphthalate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Dimethylphthalate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Di-n-Butylphthalate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Di-n-Octylphthalate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Diphenylamine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Ethyl Methanesulfonate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Fluoranthene		ND(0.38)	ND(0.38)	1.8 J [3.4]	NA
Fluorene		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Hexachlorobenzene		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Hexachlorobutadiene		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Hexachlorocyclopentadiene		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Hexachloroethane		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Hexachlorophene		ND(0.77) J	ND(0.77) J	ND(0.81) J [ND(0.81) J]	NA
Hexachloropropene		ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
Indeno(1,2,3-cd)pyrene		ND(0.38)	ND(0.38)	0.59 [0.95]	NA
Isodrin		ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
Isophorone		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Isosafrole		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Methapyrilene		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Methyl Methanesulfonate		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Naphthalene		ND(0.38)	ND(0.38)	0.11 J [0.14 J]	NA
Nitrobenzene		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitrosodiethylamine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitrosodimethylamine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitroso-di-n-butylamine		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
N-Nitroso-di-n-propylamine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitrosodiphenylamine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitrosomethylethylamine		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
N-Nitrosomorpholine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitrosopiperidine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
N-Nitrosopyrrolidine		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
o,o,o-Triethylphosphorothioate		ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
o-Toluidine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
p-Dimethylaminoazobenzene		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Pentachlorobenzene		ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
Pentachloroethane		ND(0.38) J	ND(0.38) J	ND(0.40) J [ND(0.40) J]	NA
Pentachloronitrobenzene		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Pentachlorophenol		ND(2.0)	ND(2.0)	ND(2.0) [ND(2.0)]	NA
Phenacetin		ND(0.77)	ND(0.77)	ND(0.81) [ND(0.81)]	NA
Phenanthrene		ND(0.38)	ND(0.38)	0.87 J [2.6]	NA
Phenol		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Pronamide		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Pyrene		ND(0.38)	ND(0.38)	1.4 J [3.0]	NA
Pyridine		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Safrole		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA
Thionazin		ND(0.38)	ND(0.38)	ND(0.40) [ND(0.40)]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I11 0-1 03/26/03	RAA11-I11 1-3 03/26/03	RAA11-I11 3-6 03/26/03	RAA11-I11 4-6 03/26/03
Organochlorine Pesticides				
Aldrin	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.00000027)	ND(0.00000044)	0.000026 Y [0.000035 Y]	NA
TCDFs (total)	ND(0.00000027)	ND(0.00000044)	0.00023 J [0.00046 J]	NA
1,2,3,7,8-PeCDF	ND(0.00000049)	ND(0.00000052)	ND(0.000014) X [0.000015 J]	NA
2,3,4,7,8-PeCDF	ND(0.00000015) X	ND(0.00000052)	0.000049 [0.000070]	NA
PeCDFs (total)	ND(0.00000049)	ND(0.00000052)	0.00043 IJ [0.00089 J]	NA
1,2,3,4,7,8-HxCDF	ND(0.00000049)	ND(0.00000052)	ND(0.000040) X [0.000053]	NA
1,2,3,6,7,8-HxCDF	ND(0.00000049)	ND(0.00000052)	0.000021 J [0.000027 J]	NA
1,2,3,7,8,9-HxCDF	ND(0.00000049)	ND(0.00000052)	0.000011 J [0.000012 J]	NA
2,3,4,6,7,8-HxCDF	ND(0.00000049)	ND(0.00000052)	0.000039 [0.000062]	NA
HxCDFs (total)	ND(0.00000049)	ND(0.00000052)	0.00056 J [0.00098 J]	NA
1,2,3,4,6,7,8-HpCDF	0.00000026 J	0.00000028 J	0.00013 [0.00020]	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000049)	ND(0.00000052)	0.000014 J [0.000019 J]	NA
HpCDFs (total)	0.00000026	ND(0.00000052)	0.00027 [0.00042]	NA
OCDF	ND(0.00000040) X	ND(0.0000010)	0.00010 [0.00016]	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000026)	ND(0.00000047)	ND(0.0000015) X [ND(0.0000024)]	NA
TCDDs (total)	ND(0.00000037)	ND(0.00000074)	0.0000025 J [0.0000066 J]	NA
1,2,3,7,8-PeCDD	ND(0.00000049)	ND(0.0000034)	ND(0.0000046) X [0.0000056 J]	NA
PeCDDs (total)	ND(0.00000065)	ND(0.0000034)	0.000020 [0.000030]	NA
1,2,3,4,7,8-HxCDD	ND(0.00000049)	ND(0.00000052)	0.0000039 J [ND(0.0000048) X]	NA
1,2,3,6,7,8-HxCDD	ND(0.00000049)	ND(0.00000052)	0.0000074 J [ND(0.0000092) X]	NA
1,2,3,7,8,9-HxCDD	ND(0.00000049)	ND(0.00000052)	0.0000047 J [0.0000058 J]	NA
HxCDDs (total)	ND(0.00000057)	ND(0.00000052)	0.000070 [0.000086]	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000061)	ND(0.00000070)	0.000052 [0.000077]	NA
HpCDDs (total)	ND(0.00000061)	ND(0.00000070)	0.00010 [0.00015]	NA
OCDD	ND(0.0000039)	ND(0.0000059)	0.00049 [0.00076]	NA
Total TEQs (WHO TEFs)	0.00000062	0.0000023	0.000043 [0.000066]	NA
Inorganics				
Antimony	3.10 B	2.10 B	ND(6.00) [ND(6.00)]	NA
Arsenic	4.90	4.00	5.10 [4.40]	NA
Barium	21.0	9.60 B	42.0 [47.0]	NA
Beryllium	0.250 B	0.130 B	0.300 B [0.330 B]	NA
Cadmium	0.230 B	ND(0.500)	0.440 B [0.550]	NA
Chromium	4.10	2.60	17.0 [20.0]	NA
Cobalt	3.80 B	2.70 B	8.40 [7.90]	NA
Copper	7.80	5.10	44.0 [48.0]	NA
Cyanide	ND(0.580)	ND(0.580)	0.140 [ND(0.120)]	NA
Lead	3.60	2.40	92.0 [78.0]	NA
Mercury	ND(0.120)	ND(0.120)	0.330 [0.390]	NA
Nickel	6.80	4.80	16.0 [13.0]	NA
Selenium	ND(1.00) J	ND(1.00) J	1.40 J [0.850 B]	NA
Silver	ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	NA
Sulfide	200 J	94.0 J	160 J [29.0 J]	NA
Thallium	ND(1.20) J	ND(1.20) J	ND(1.20) J [ND(1.20) J]	NA
Tin	ND(10.0)	ND(10.0)	8.00 B [ND(10.0)]	NA
Vanadium	4.70 B	3.00 B	9.60 [11.0]	NA
Zinc	18.0	14.0	110 [120]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:						
	Sample ID:	RAA11-I13	RAA11-I13-LP	RAA11-I15	RAA11-I17	RAA11-I19	RAA11-I19
	Sample Depth (Feet):	0-1	2-4	0-1	0-1	0-1	1-3
	Date Collected:	04/16/03	04/17/03	04/10/03	04/10/03	04/10/03	04/10/03
Volatile Organics							
1,4-Dioxane		ND(0.13) J	ND(0.12) J	ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone		ND(0.013)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone		ND(0.026)	ND(0.023)	ND(0.024)	ND(0.022)	ND(0.023)	ND(0.022)
Benzene		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Chlorobenzene		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Ethylbenzene		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Methylene Chloride		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Tetrachloroethene		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Styrene		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Toluene		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Xylenes (total)		ND(0.0064)	ND(0.0058)	ND(0.0059)	ND(0.0056)	ND(0.0057)	ND(0.0056)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37) J
1,2-Dichlorobenzene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
1,2-Diphenylhydrazine		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
1,3,5-Trinitrobenzene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
1,3-Dichlorobenzene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
1,3-Dinitrobenzene		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
1,4-Dichlorobenzene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37) J
1,4-Naphthoquinone		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
1-Naphthylamine		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
2,3,4,6-Tetrachlorophenol		ND(0.43)	ND(0.39) J	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,4,5-Trichlorophenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,4,6-Trichlorophenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,4-Dichlorophenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,4-Dimethylphenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,4-Dinitrophenol		ND(2.2) J	ND(2.0)	ND(2.0) J	ND(1.9) J	ND(1.9) J	ND(1.9) J
2,4-Dinitrotoluene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,6-Dichlorophenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2,6-Dinitrotoluene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2-Acetylaminofluorene		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
2-Chloronaphthalene		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2-Chlorophenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37) J
2-Methylnaphthalene		0.093 J	0.093 J	ND(0.39)	1.3	ND(0.38)	0.38
2-Methylphenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
2-Naphthylamine		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
2-Nitroaniline		ND(2.2)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
2-Nitrophenol		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
2-Picoline		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
3&4-Methylphenol		ND(0.86) J	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
3,3'-Dichlorobenzidine		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
3,3'-Dimethylbenzidine		ND(0.43) J	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
3-Methylcholanthrene		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
3-Nitroaniline		ND(2.2)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
4,6-Dinitro-2-methylphenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
4-Aminobiphenyl		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
4-Bromophenyl-phenylether		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
4-Chloro-3-Methylphenol		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
4-Chloroaniline		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
4-Chlorobenzilate		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
4-Chlorophenyl-phenylether		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
4-Nitroaniline		ND(2.2)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
4-Nitrophenol		ND(2.2)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
4-Nitroquinoline-1-oxide		ND(0.86) J	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
4-Phenylenediamine		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
5-Nitro-o-toluidine		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
7,12-Dimethylbenz(a)anthracene		ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
a,a'-Dimethylphenethylamine		ND(0.86)	ND(0.78) J	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Acenaphthene		ND(0.43)	ND(0.39)	0.30 J	ND(0.38)	2.9	ND(0.37)
Acenaphthylene		0.63	0.33 J	0.10 J	9.1	0.95	0.70
Acetophenone		ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Aniline		0.46	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Anthracene		0.23 J	0.17 J	ND(0.39)	3.7	0.8	1.3

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:					
	RAA11-I13 0-1 04/16/03	RAA11-I13-LP 2-4 04/17/03	RAA11-I15 0-1 04/10/03	RAA11-I17 0-1 04/10/03	RAA11-I19 0-1 04/10/03	RAA11-I19 1-3 04/10/03
Semivolatile Organics (continued)						
Aramite	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Benzidine	ND(0.86) J	ND(0.78) J	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Benzo(a)anthracene	0.71	0.56	0.10 J	16	3.3	2.2
Benzo(a)pyrene	1.0	0.88	0.11 J	20	2.5	1.7
Benzo(b)fluoranthene	0.88	0.81	ND(0.39)	17	3.3	2.0
Benzo(g,h,i)perylene	0.69	0.57	0.081 J	4.6	1.2	1.0
Benzo(k)fluoranthene	0.33 J	0.31 J	ND(0.39)	7.6 E	1.5	0.93
Benzyl Alcohol	ND(0.86) J	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
bis(2-Chloroethoxy)methane	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.39)	0.60	ND(0.37)	ND(0.37)	0.49
Butylbenzylphthalate	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Chrysene	0.51	0.49	0.071 J	6.4	2.5	1.6
Diallate	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Dibenzo(a,h)anthracene	0.14 J	0.12 J	ND(0.39)	1.5	0.36 J	0.29 J
Dibenzofuran	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	0.65
Diethylphthalate	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Dimethylphthalate	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Di-n-Butylphthalate	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Di-n-Octylphthalate	ND(0.43)	ND(0.39)	ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.37) J
Diphenylamine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Ethyl Methanesulfonate	ND(0.43) J	ND(0.39) J	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Fluoranthene	0.76	ND(0.39)	0.14 J	15	2.6 J	5.0
Fluorene	0.087 J	ND(0.39)	ND(0.39)	1.6	ND(0.38)	0.74
Hexachlorobenzene	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorobutadiene	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorocyclopentadiene	ND(0.43) J	ND(0.39) J	ND(0.39) J	ND(0.38) J	ND(0.38) J	ND(0.37) J
Hexachloroethane	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorophene	ND(0.86) J	ND(0.78) J	ND(0.79) J	ND(0.76) J	ND(0.76) J	ND(0.75) J
Hexachloropropene	ND(0.43) J	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.49	0.41	ND(0.39)	3.4	1.2	0.89
Isodrin	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Isophorone	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Isosafrole	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Methapyrilene	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Methyl Methanesulfonate	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Naphthalene	0.12 J	0.13 J	ND(0.39)	1.1	ND(0.38)	0.38
Nitrobenzene	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosodiethylamine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosodimethylamine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.86) J	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
N-Nitroso-di-n-propylamine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37) J
N-Nitrosodiphenylamine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosomethylethylamine	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
N-Nitrosomorpholine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosopiperidine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosopyrrolidine	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
o-Toluidine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
p-Dimethylaminoazobenzene	0.27 J	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Pentachlorobenzene	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Pentachloroethane	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Pentachloronitrobenzene	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Pentachlorophenol	ND(2.2)	ND(2.0)	ND(2.0)	ND(1.9)	ND(1.9)	ND(1.9)
Phenacetin	ND(0.86)	ND(0.78)	ND(0.79)	ND(0.76)	ND(0.76)	ND(0.75)
Phenanthrene	0.25 J	0.28 J	ND(0.39)	3.8	0.25 J	5.8
Phenol	ND(0.43)	ND(0.39)	ND(0.39)	9.0	ND(0.38)	ND(0.37) J
Pronamide	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Pyrene	1.3	1.0	0.15 J	43	4.7 J	4.3 J
Pyridine	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Safrole	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)
Thionazin	ND(0.43)	ND(0.39)	ND(0.39)	ND(0.38)	ND(0.38)	ND(0.37)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I13 0-1 04/16/03	RAA11-I13-LP 2-4 04/17/03	RAA11-I15 0-1 04/10/03	RAA11-I17 0-1 04/10/03	RAA11-I19 0-1 04/10/03	RAA11-I19 1-3 04/10/03
Organochlorine Pesticides						
Aldrin	ND(0.0080)	NA	NA	ND(0.0080)	NA	NA
Alpha-Chlordane	ND(0.0080)	NA	NA	ND(0.0080)	NA	NA
Technical Chlordane	ND(0.11)	NA	NA	ND(0.094)	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	--	NA	NA
Herbicides						
None Detected	--	NA	NA	--	NA	NA
Furans						
2,3,7,8-TCDF	0.00016 Y	NA	ND(0.000044)	ND(0.0000032) X	0.0000025 J	ND(0.0000034) X
TCDFs (total)	0.0024 QIJ	NA	ND(0.000044) QJ	0.000021	0.0000070	0.000024
1,2,3,7,8-PeCDF	0.000044	NA	0.000013 J	0.0000023 QJ	0.0000011 J	0.0000017 J
2,3,4,7,8-PeCDF	0.00034	NA	0.0000079 J	0.0000054 QJ	0.0000031 J	0.0000033 J
PeCDFs (total)	0.0030 QIJ	NA	0.00012	0.000039 QJ	0.000028	0.000031
1,2,3,4,7,8-HxCDF	0.00014	NA	0.0000051 J	ND(0.0000022) X	ND(0.0000024) X	0.0000023 J
1,2,3,6,7,8-HxCDF	0.000092	NA	0.0000028 J	0.0000037 J	0.0000018 J	ND(0.0000017) X
1,2,3,7,8,9-HxCDF	ND(0.000042)	NA	ND(0.0000033)	ND(0.0000036)	ND(0.0000026)	ND(0.0000024)
2,3,4,6,7,8-HxCDF	0.00020	NA	0.0000049 J	0.0000035 QJ	ND(0.0000028) X	ND(0.0000018) X
HxCDFs (total)	0.0033 QJ	NA	0.000052	0.000018 QJ	0.000024	0.000015
1,2,3,4,6,7,8-HpCDF	0.00065	NA	0.0000051 J	0.0000094 J	ND(0.0000076)	ND(0.0000070)
1,2,3,4,7,8,9-HpCDF	0.000071	NA	ND(0.0000028)	0.0000034 J	ND(0.0000026)	ND(0.0000024)
HpCDFs (total)	0.0013	NA	0.0000051	0.000013	0.000014	0.000018
OCDF	0.00037	NA	0.0000072 J	0.000021 J	ND(0.0000067) X	0.0000092 J
Dioxins						
2,3,7,8-TCDD	0.0000027 QJ	NA	ND(0.0000021)	ND(0.0000016)	ND(0.0000012)	ND(0.0000011) X
TCDDs (total)	0.000067 QJ	NA	ND(0.0000021)	ND(0.0000016)	ND(0.0000013)	0.00000076
1,2,3,7,8-PeCDD	ND(0.000017) XQJ	NA	ND(0.0000028)	ND(0.0000028)	ND(0.0000015) X	ND(0.0000024)
PeCDDs (total)	0.000047 QJ	NA	ND(0.0000028)	ND(0.0000042)	ND(0.0000035)	ND(0.0000032)
1,2,3,4,7,8-HxCDD	ND(0.000013) X	NA	ND(0.0000028)	ND(0.0000028)	ND(0.0000026)	ND(0.0000024)
1,2,3,6,7,8-HxCDD	0.000020	NA	ND(0.0000028)	0.0000025 J	ND(0.0000026)	ND(0.0000011) X
1,2,3,7,8,9-HxCDD	0.000014 QJ	NA	ND(0.0000028)	0.0000030 J	ND(0.0000022) X	ND(0.0000024)
HxCDDs (total)	0.00024 QJ	NA	ND(0.0000028)	0.0000055	0.0000029	0.0000058
1,2,3,4,6,7,8-HpCDD	0.00018	NA	0.000011 J	0.000015 J	ND(0.0000080) X	0.000012 J
HpCDDs (total)	0.00036	NA	0.000018	0.000025	0.0000078	0.000023
OCDD	0.0012	NA	0.000084	0.00010	ND(0.000053)	0.00012
Total TEQs (WHO TEFs)	0.00026	NA	0.000011	0.0000072	0.0000042	0.0000047
Inorganics						
Antimony	1.10 B	ND(6.00)	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00) J
Arsenic	6.10	3.00 J	4.60	5.70	5.70	6.20
Barium	52.0	39.0	34.0	44.0	35.0	29.0
Beryllium	0.380 B	0.280 B	0.200 B	0.230 B	0.180 B	0.340 B
Cadmium	0.940	ND(0.500)	0.210 B	0.270 B	ND(0.500)	ND(0.500)
Chromium	27.0	18.0	8.40	7.70	7.60	6.50
Cobalt	8.40	6.00	6.00	8.40	8.30	7.70
Copper	92.0	44.0	20.0	21.0	20.0	14.0
Cyanide	0.280	0.190	ND(0.120)	ND(0.110)	0.0210 B	ND(0.110)
Lead	150	69.0	62.0	110	42.0	32.0
Mercury	0.460	0.330	0.0370 J	0.150 J	1.00 J	0.140 J
Nickel	14.0	11.0	10.0	13.0	15.0	14.0
Selenium	1.50 J	ND(1.00) J	ND(1.00) J	0.620 J	0.890 J	ND(1.00) J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	10.0	43.0	9.40 J	ND(5.60) J	21.0 J	70.0 J
Thallium	ND(1.30) J	ND(1.20) J	ND(1.20) J	ND(1.10) J	0.960 J	ND(1.10) J
Tin	ND(17.0)	5.20 B	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	11.0	8.50	8.80	9.10	10.0	8.80
Zinc	160	84.0	88.0	78.0	64.0	65.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I19 3-6 04/10/03	RAA11-I19 4-6 04/10/03	RAA11-I19 6-10 04/10/03	RAA11-I19 8-10 04/10/03	RAA11-I19 10-15 04/10/03
Volatile Organics					
1,4-Dioxane	NA	ND(0.11) J	NA	ND(0.13) J	NA
2-Butanone	NA	ND(0.011)	NA	ND(0.013)	NA
Acetone	NA	ND(0.022)	NA	0.027	NA
Benzene	NA	ND(0.0056)	NA	ND(0.0064)	NA
Chlorobenzene	NA	ND(0.0056)	NA	ND(0.0064)	NA
Ethylbenzene	NA	ND(0.0056)	NA	ND(0.0064)	NA
Methylene Chloride	NA	ND(0.0056)	NA	ND(0.0064)	NA
Tetrachloroethene	NA	ND(0.0056)	NA	ND(0.0064)	NA
Styrene	NA	ND(0.0056)	NA	ND(0.0064)	NA
Toluene	NA	ND(0.0056)	NA	ND(0.0064)	NA
Xylenes (total)	NA	ND(0.0056)	NA	ND(0.0064)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,2,4-Trichlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,2-Dichlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,2-Diphenylhydrazine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,3,5-Trinitrobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,3-Dichlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,3-Dinitrobenzene	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
1,4-Dichlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
1,4-Naphthoquinone	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
1-Naphthylamine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
2,3,4,6-Tetrachlorophenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,4,5-Trichlorophenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,4,6-Trichlorophenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,4-Dichlorophenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,4-Dimethylphenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,4-Dinitrophenol	ND(2.0) J	NA	ND(2.1) J	NA	ND(2.3) J [ND(2.2) J]
2,4-Dinitrotoluene	0.74	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,6-Dichlorophenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2,6-Dinitrotoluene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2-Acetylaminofluorene	0.27 J	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
2-Chloronaphthalene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2-Chlorophenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2-Methylnaphthalene	0.17 J	NA	0.35 J	NA	0.46 [0.14 J]
2-Methylphenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
2-Naphthylamine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
2-Nitroaniline	ND(2.0)	NA	ND(2.1)	NA	ND(2.3) [ND(2.2)]
2-Nitrophenol	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
2-Picoline	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
3&4-Methylphenol	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
3,3'-Dichlorobenzidine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
3,3'-Dimethylbenzidine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
3-Methylcholanthrene	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
3-Nitroaniline	ND(2.0)	NA	ND(2.1)	NA	ND(2.3) [ND(2.2)]
4,6-Dinitro-2-methylphenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
4-Aminobiphenyl	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
4-Bromophenyl-phenylether	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
4-Chloro-3-Methylphenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
4-Chloroaniline	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
4-Chlorobenzilate	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
4-Chlorophenyl-phenylether	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
4-Nitroaniline	ND(2.0)	NA	ND(2.1)	NA	ND(2.3) [ND(2.2)]
4-Nitrophenol	ND(2.0)	NA	ND(2.1)	NA	ND(2.3) [ND(2.2)]
4-Nitroquinoline-1-oxide	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
4-Phenylenediamine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
5-Nitro-o-toluidine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
7,12-Dimethylbenz(a)anthracene	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
a,a'-Dimethylphenethylamine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Acenaphthene	0.20 J	NA	ND(0.42)	NA	ND(0.45) [4.4]
Acenaphthylene	0.78	NA	2.1	NA	2.2 [1.5]
Acetophenone	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Aniline	ND(0.39)	NA	0.47	NA	ND(0.45) [ND(0.44)]
Anthracene	0.68	NA	ND(0.42)	NA	0.80 [0.48 J]

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

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I19 3-6 04/10/03	RAA11-I19 4-6 04/10/03	RAA11-I19 6-10 04/10/03	RAA11-I19 8-10 04/10/03	RAA11-I19 10-15 04/10/03
Semivolatile Organics (continued)					
Aramite	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Benzidine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Benzo(a)anthracene	1.3	NA	3.5	NA	2.3 [1.4]
Benzo(a)pyrene	1.4	NA	3.4	NA	4.0 [3.1]
Benzo(b)fluoranthene	1.5	NA	3.4	NA	2.9 [2.1]
Benzo(g,h,i)perylene	1.0	NA	1.9	NA	2.6 [2.1]
Benzo(k)fluoranthene	0.62	NA	1.2	NA	1.1 [0.85]
Benzyl Alcohol	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
bis(2-Chloroethoxy)methane	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
bis(2-Chloroethyl)ether	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
bis(2-Chloroisopropyl)ether	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.42)	NA	ND(0.44) [ND(0.43)]
Butylbenzylphthalate	0.47	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Chrysene	1.1	NA	3.6	NA	1.9 [1.3]
Diallate	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Dibenzo(a,h)anthracene	ND(0.39)	NA	0.49	NA	0.51 [0.39 J]
Dibenzofuran	0.18 J	NA	0.24 J	NA	0.15 J [0.10 J]
Diethylphthalate	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Dimethylphthalate	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Di-n-Butylphthalate	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Di-n-Octylphthalate	ND(0.39) J	NA	ND(0.42) J	NA	ND(0.45) J [ND(0.44) J]
Diphenylamine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Ethyl Methanesulfonate	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Fluoranthene	2.2	NA	6.5	NA	2.6 [1.3 J]
Fluorene	0.44	NA	0.69	NA	ND(0.45) [0.23 J]
Hexachlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Hexachlorobutadiene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Hexachlorocyclopentadiene	ND(0.39) J	NA	ND(0.42) J	NA	ND(0.45) J [ND(0.44) J]
Hexachloroethane	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Hexachlorophene	ND(0.78) J	NA	ND(0.84) J	NA	ND(0.90) J [ND(0.88) J]
Hexachloropropene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Indeno(1,2,3-cd)pyrene	0.85	NA	1.7	NA	1.8 [1.5]
Isodrin	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Isophorone	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Isosafrole	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Methapyrilene	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Methyl Methanesulfonate	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Naphthalene	0.26 J	NA	0.16 J	NA	0.34 J [0.31 J]
Nitrobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitrosodiethylamine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitrosodimethylamine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitroso-di-n-butylamine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
N-Nitroso-di-n-propylamine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitrosodiphenylamine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitrosomethylethylamine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
N-Nitrosomorpholine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitrosopiperidine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
N-Nitrosopyrrolidine	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
o,o,o-Triethylphosphorothioate	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
o-Toluidine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
p-Dimethylaminoazobenzene	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Pentachlorobenzene	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Pentachloroethane	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Pentachloronitrobenzene	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Pentachlorophenol	ND(2.0)	NA	ND(2.1)	NA	ND(2.3) [ND(2.2)]
Phenacetin	ND(0.78)	NA	ND(0.84)	NA	ND(0.90) [ND(0.88)]
Phenanthrene	1.7	NA	4.0	NA	0.71 [0.52]
Phenol	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Pronamide	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Pyrene	2.6	NA	7.6	NA	4.7 [2.3 J]
Pyridine	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Safrole	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]
Thionazin	ND(0.39)	NA	ND(0.42)	NA	ND(0.45) [ND(0.44)]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I19 3-6 04/10/03	RAA11-I19 4-6 04/10/03	RAA11-I19 6-10 04/10/03	RAA11-I19 8-10 04/10/03	RAA11-I19 10-15 04/10/03
Organochlorine Pesticides					
Aldrin	NA	NA	NA	NA	ND(0.0080)
Alpha-Chlordane	NA	NA	NA	NA	ND(0.0080)
Technical Chlordane	NA	NA	NA	NA	ND(0.11)
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	--
Herbicides					
None Detected	NA	NA	NA	NA	--
Furans					
2,3,7,8-TCDF	0.000017 Y	NA	0.000027 Y	NA	0.000072 YJ [0.000030 YJ]
TCDFs (total)	0.00012	NA	0.00032	NA	0.00052 [0.00042 I]
1,2,3,7,8-PeCDF	0.0000093 J	NA	0.000016 J	NA	0.000021 J [0.000010 J]
2,3,4,7,8-PeCDF	0.000016 J	NA	0.000048	NA	0.000077 [0.000063]
PeCDFs (total)	0.00014	NA	0.00054	NA	0.00095 QJ [0.00074 QJ]
1,2,3,4,7,8-HxCDF	0.000024 J	NA	0.000034	NA	0.000066 J [0.000032 J]
1,2,3,6,7,8-HxCDF	0.000014 J	NA	0.000021 J	NA	ND(0.0000036) [0.000019 J]
1,2,3,7,8,9-HxCDF	0.0000039 J	NA	0.0000073 J	NA	ND(0.0000048) [ND(0.0000032)]
2,3,4,6,7,8-HxCDF	0.0000088 J	NA	0.000033	NA	0.000055 [0.000036]
HxCDFs (total)	0.00013 QJ	NA	0.00051 QJ	NA	0.00094 [0.00063]
1,2,3,4,6,7,8-HpCDF	0.000025 J	NA	0.000077	NA	0.000070 [0.000072]
1,2,3,4,7,8,9-HpCDF	0.0000054 J	NA	0.000010 J	NA	0.000011 J [0.000012 J]
HpCDFs (total)	0.000045	NA	0.00016	NA	0.00017 [0.00017]
OCDF	0.000028 J	NA	0.000057 J	NA	ND(0.000058) X [0.000048 J]
Dioxins					
2,3,7,8-TCDD	ND(0.0000011)	NA	ND(0.0000016) X	NA	ND(0.0000018) [ND(0.0000019)]
TCDDs (total)	ND(0.0000022)	NA	0.0000018	NA	ND(0.0000035) [ND(0.0000059)]
1,2,3,7,8-PeCDD	ND(0.0000017) X	NA	ND(0.000017) X	NA	ND(0.0000035) [ND(0.0000036)]
PeCDDs (total)	0.0000011	NA	0.000013	NA	0.000021 [0.000014]
1,2,3,4,7,8-HxCDD	ND(0.00000089) X	NA	0.0000025 J	NA	0.0000035 J [ND(0.0000041)]
1,2,3,6,7,8-HxCDD	0.0000018 J	NA	0.0000038 J	NA	ND(0.0000040) X [0.0000036 J]
1,2,3,7,8,9-HxCDD	ND(0.0000012) X	NA	0.0000034 J	NA	0.0000041 J [ND(0.0000051) X]
HxCDDs (total)	0.000011	NA	0.000049	NA	0.000031 J [0.000014 J]
1,2,3,4,6,7,8-HpCDD	0.000010 J	NA	0.000043	NA	0.000026 J [0.000027 J]
HpCDDs (total)	0.000022	NA	0.000086	NA	0.000050 [0.000051]
OCDD	0.000060	NA	0.00024	NA	0.00015 [0.00014]
Total TEQs (WHO TEFs)	0.000017	NA	0.000049	NA	0.000064 [0.000049]
Inorganics					
Antimony	ND(6.00) J	NA	2.30 J	NA	ND(6.00) J [ND(6.00) J]
Arsenic	4.40	NA	5.20	NA	3.90 [2.80]
Barium	21.0	NA	47.0	NA	36.0 [38.0]
Beryllium	0.190 B	NA	0.300 B	NA	0.300 B [0.310 B]
Cadmium	ND(0.500)	NA	0.460 B	NA	0.270 B [0.340 B]
Chromium	6.00	NA	14.0	NA	17.0 [16.0]
Cobalt	7.40	NA	7.40	NA	7.50 [7.50]
Copper	20.0	NA	49.0	NA	32.0 [30.0]
Cyanide	ND(0.120)	NA	0.0400 B	NA	ND(0.130) [ND(0.130)]
Lead	25.0	NA	100	NA	66.0 [46.0]
Mercury	0.0810 J	NA	0.400 J	NA	0.230 J [0.210 J]
Nickel	13.0	NA	14.0	NA	13.0 [13.0]
Selenium	ND(1.00) J	NA	1.00 J	NA	ND(1.00) J [ND(1.00) J]
Silver	ND(1.00)	NA	ND(1.00)	NA	ND(1.00) [ND(1.00)]
Sulfide	24.0 J	NA	70.0 J	NA	28.0 J [54.0 J]
Thallium	ND(1.20) J	NA	ND(1.20) J	NA	ND(1.30) J [ND(1.30) J]
Tin	ND(10.0)	NA	ND(10.0)	NA	ND(10.0) [ND(10.0)]
Vanadium	6.70	NA	9.00	NA	10.0 [10.0]
Zinc	43.0	NA	110	NA	85.0 [80.0]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-I19 14-15 04/10/03	RAA11-I21 0-1 04/09/03	RAA11-I23 0-1 04/09/03	RAA11-I23 10-12 04/09/03	RAA11-I23 10-15 04/09/03
Volatile Organics						
1,4-Dioxane		ND(0.13) J [ND(0.13) J]	ND(0.11) J	ND(0.12) J	ND(0.14) J	NA
2-Butanone		ND(0.013) [ND(0.013)]	ND(0.011)	0.038	ND(0.014)	NA
Acetone		ND(0.026) [ND(0.026)]	ND(0.022)	0.12	ND(0.029)	NA
Benzene		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	0.0051 J	NA
Chlorobenzene		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	0.018	NA
Ethylbenzene		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	ND(0.0072)	NA
Methylene Chloride		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	ND(0.0072)	NA
Tetrachloroethene		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	ND(0.0072)	NA
Styrene		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	ND(0.0072)	NA
Toluene		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	ND(0.0072)	NA
Xylenes (total)		ND(0.0065) [ND(0.0066)]	ND(0.0055)	ND(0.0060)	ND(0.0072)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
1,2,4-Trichlorobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
1,2-Dichlorobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
1,2-Diphenylhydrazine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
1,3,5-Trinitrobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
1,3-Dichlorobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
1,3-Dinitrobenzene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
1,4-Dichlorobenzene		NA	ND(0.36)	ND(0.40)	NA	0.086 J
1,4-Naphthoquinone		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
1-Naphthylamine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
2,3,4,6-Tetrachlorophenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,4,5-Trichlorophenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,4,6-Trichlorophenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,4-Dichlorophenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,4-Dimethylphenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,4-Dinitrophenol		NA	ND(1.9) J	ND(2.0) J	NA	ND(2.2) J
2,4-Dinitrotoluene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,6-Dichlorophenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2,6-Dinitrotoluene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2-Acetylaminofluorene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
2-Chloronaphthalene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2-Chlorophenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2-Methylnaphthalene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2-Methylphenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
2-Naphthylamine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
2-Nitroaniline		NA	ND(1.9)	ND(2.0)	NA	ND(2.2)
2-Nitrophenol		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
2-Picoline		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
3&4-Methylphenol		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
3,3'-Dichlorobenzidine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
3,3'-Dimethylbenzidine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
3-Methylcholanthrene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
3-Nitroaniline		NA	ND(1.9)	ND(2.0)	NA	ND(2.2)
4,6-Dinitro-2-methylphenol		NA	ND(1.8)	ND(2.0)	NA	ND(2.1)
4-Aminobiphenyl		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
4-Bromophenyl-phenylether		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
4-Chloro-3-Methylphenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
4-Chloroaniline		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
4-Chlorobenzilate		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
4-Chlorophenyl-phenylether		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
4-Nitroaniline		NA	ND(1.9)	ND(2.0)	NA	ND(2.2)
4-Nitrophenol		NA	ND(1.9) J	ND(2.0) J	NA	ND(2.2) J
4-Nitroquinoline-1-oxide		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
4-Phenylenediamine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
5-Nitro-o-toluidine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
7,12-Dimethylbenz(a)anthracene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
a,a'-Dimethylphenethylamine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Acenaphthene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Acenaphthylene		NA	ND(0.36)	ND(0.40)	NA	0.21 J
Acetophenone		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Aniline		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Anthracene		NA	ND(0.36)	ND(0.40)	NA	0.30 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-I19 14-15 04/10/03	RAA11-I21 0-1 04/09/03	RAA11-I23 0-1 04/09/03	RAA11-I23 10-12 04/09/03	RAA11-I23 10-15 04/09/03
Semivolatile Organics (continued)						
Aramite		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Benzidine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Benzo(a)anthracene		NA	ND(0.36)	ND(0.40)	NA	0.72
Benzo(a)pyrene		NA	ND(0.36)	ND(0.40)	NA	0.73
Benzo(b)fluoranthene		NA	ND(0.36)	ND(0.40)	NA	0.85
Benzo(g,h,i)perylene		NA	ND(0.36)	ND(0.40)	NA	0.44
Benzo(k)fluoranthene		NA	ND(0.36)	ND(0.40)	NA	0.34 J
Benzyl Alcohol		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
bis(2-Chloroethoxy)methane		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
bis(2-Chloroethyl)ether		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
bis(2-Chloroisopropyl)ether		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
bis(2-Ethylhexyl)phthalate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Butylbenzylphthalate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Chrysene		NA	ND(0.36)	ND(0.40)	NA	0.88
Diallate		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Dibenzo(a,h)anthracene		NA	ND(0.36)	ND(0.40)	NA	0.099 J
Dibenzofuran		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Diethylphthalate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Dimethylphthalate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Di-n-Butylphthalate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Di-n-Octylphthalate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Diphenylamine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Ethyl Methanesulfonate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Fluoranthene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Fluorene		NA	ND(0.36)	ND(0.40)	NA	0.15 J
Hexachlorobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Hexachlorobutadiene		NA	ND(0.73)	ND(0.80)	NA	ND(0.84)
Hexachlorocyclopentadiene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Hexachloroethane		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Hexachlorophene		NA	ND(0.73) J	ND(0.80) J	NA	ND(0.85) J
Hexachloropropene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Indeno(1,2,3-cd)pyrene		NA	ND(0.36)	ND(0.40)	NA	0.35 J
Isodrin		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Isophorone		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Isosafrole		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Methapyrilene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Methyl Methanesulfonate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Naphthalene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Nitrobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
N-Nitrosodiethylamine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
N-Nitrosodimethylamine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
N-Nitroso-di-n-butylamine		NA	ND(0.73) J	ND(0.80) J	NA	ND(0.85) J
N-Nitroso-di-n-propylamine		NA	ND(0.73)	ND(0.80)	NA	ND(0.84)
N-Nitrosodiphenylamine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
N-Nitrosomethylethylamine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
N-Nitrosomorpholine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
N-Nitrosopiperidine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
N-Nitrosopyrrolidine		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
o,o,o-Triethylphosphorothioate		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
o-Toluidine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
p-Dimethylaminoazobenzene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Pentachlorobenzene		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Pentachloroethane		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Pentachloronitrobenzene		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Pentachlorophenol		NA	ND(1.9)	ND(2.0)	NA	ND(2.2)
Phenacetin		NA	ND(0.73)	ND(0.80)	NA	ND(0.85)
Phenanthrene		NA	ND(0.36)	ND(0.40)	NA	1.3
Phenol		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Pronamide		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Pyrene		NA	0.076 J	0.092 J	NA	1.7
Pyridine		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Safrole		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)
Thionazin		NA	ND(0.36)	ND(0.40)	NA	ND(0.42)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-I19 14-15 04/10/03	RAA11-I21 0-1 04/09/03	RAA11-I23 0-1 04/09/03	RAA11-I23 10-12 04/09/03	RAA11-I23 10-15 04/09/03
Organochlorine Pesticides						
Aldrin		NA	NA	ND(0.0080)	NA	ND(0.0080)
Alpha-Chlordane		NA	NA	ND(0.0080)	NA	ND(0.0080)
Technical Chlordane		NA	NA	ND(0.099)	NA	ND(0.10)
Organophosphate Pesticides						
None Detected		NA	NA	--	NA	--
Herbicides						
None Detected		NA	NA	--	NA	--
Furans						
2,3,7,8-TCDF		NA	0.0000044 J	0.0000020 J	NA	0.000010 J
TCDFs (total)		NA	0.000027	0.000019	NA	0.000086
1,2,3,7,8-PeCDF		NA	0.0000019 J	ND(0.0000026)	NA	ND(0.0000042) X
2,3,4,7,8-PeCDF		NA	0.0000024 J	0.0000087 J	NA	0.000017 J
PeCDFs (total)		NA	0.000018	0.000076	NA	0.00016
1,2,3,4,7,8-HxCDF		NA	0.0000021 J	0.0000033 J	NA	0.000022 J
1,2,3,6,7,8-HxCDF		NA	0.0000015 J	0.0000027 J	NA	0.0000088 J
1,2,3,7,8,9-HxCDF		NA	ND(0.0000024)	0.0000020 J	NA	0.0000053 J
2,3,4,6,7,8-HxCDF		NA	0.0000019 J	0.0000044 J	NA	0.000012 J
HxCDFs (total)		NA	0.000017	0.000059	NA	0.00018
1,2,3,4,6,7,8-HpCDF		NA	0.0000046 J	ND(0.0000060) X	NA	0.000035
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000024)	ND(0.0000026)	NA	0.0000096 J
HpCDFs (total)		NA	0.0000079	0.0000080	NA	0.000091
OCDF		NA	0.0000049 J	0.0000051 J	NA	0.000046 J
Dioxins						
2,3,7,8-TCDD		NA	ND(0.0000010)	ND(0.0000010)	NA	ND(0.0000013)
TCDDs (total)		NA	ND(0.0000022)	ND(0.0000018)	NA	0.0000092
1,2,3,7,8-PeCDD		NA	ND(0.0000024)	ND(0.0000026)	NA	ND(0.0000062) X
PeCDDs (total)		NA	ND(0.0000033)	0.0000093	NA	0.000028 QJ
1,2,3,4,7,8-HxCDD		NA	ND(0.0000024)	ND(0.0000026)	NA	0.0000039 J
1,2,3,6,7,8-HxCDD		NA	ND(0.0000024)	ND(0.0000041) X	NA	0.0000072 J
1,2,3,7,8,9-HxCDD		NA	ND(0.0000024)	0.0000029 J	NA	ND(0.0000052) X
HxCDDs (total)		NA	ND(0.0000044)	0.000037	NA	0.000093
1,2,3,4,6,7,8-HpCDD		NA	0.0000050 J	0.000016 J	NA	0.000044
HpCDDs (total)		NA	0.000010	0.000032	NA	0.000097
OCDD		NA	ND(0.000046)	ND(0.000000013)	NA	0.00027
Total TEQs (WHO TEFs)		NA	0.0000046	0.0000085	NA	0.000020
Inorganics						
Antimony		NA	ND(6.00)	0.960 B	NA	ND(6.00)
Arsenic		NA	4.80	7.60	NA	5.10
Barium		NA	26.0	44.0	NA	20.0
Beryllium		NA	0.180 B	0.350 B	NA	0.180 B
Cadmium		NA	0.300 B	0.460 B	NA	0.420 B
Chromium		NA	5.30	11.0	NA	10.0
Cobalt		NA	7.00	8.60	NA	7.40
Copper		NA	16.0	19.0	NA	27.0
Cyanide		NA	0.0740 B	0.0870 B	NA	0.0690 B
Lead		NA	17.0	29.0	NA	240
Mercury		NA	0.0650 B	0.110 B	NA	0.180
Nickel		NA	10.0	15.0	NA	12.0
Selenium		NA	0.510 J	0.580 J	NA	0.870 J
Silver		NA	ND(1.00)	ND(1.00)	NA	0.380 B
Sulfide		NA	8.80	ND(6.00)	NA	300
Thallium		NA	ND(1.10) J	ND(1.20) J	NA	ND(1.30) J
Tin		NA	ND(10.0)	ND(10.0)	NA	ND(10.0)
Vanadium		NA	5.10 B	10.0	NA	6.00
Zinc		NA	40.0	85.0	NA	62.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-I24 1-3 04/03/03	RAA11-I24 3-6 04/03/03	RAA11-I24 4-6 04/03/03	RAA11-I24 6-8 04/03/03	RAA11-I24 6-10 04/03/03	RAA11-I25 0-1 04/03/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	NA	ND(0.10) J	ND(0.11) J	NA	ND(0.12) J
2-Butanone		ND(0.011)	NA	ND(0.010)	ND(0.011)	NA	ND(0.012) J
Acetone		ND(0.022)	NA	ND(0.021)	ND(0.022)	NA	ND(0.024)
Benzene		ND(0.0055)	NA	ND(0.0053)	ND(0.0056)	NA	ND(0.0059)
Chlorobenzene		ND(0.0055)	NA	ND(0.0053)	ND(0.0056) J	NA	ND(0.0059)
Ethylbenzene		ND(0.0055)	NA	ND(0.0053)	ND(0.0056) J	NA	ND(0.0059)
Methylene Chloride		ND(0.0055)	NA	ND(0.0053)	ND(0.0056)	NA	ND(0.0059)
Tetrachloroethene		ND(0.0055)	NA	ND(0.0053)	ND(0.0056) J	NA	ND(0.0059)
Styrene		ND(0.0055)	NA	ND(0.0053)	ND(0.0056) J	NA	ND(0.0059)
Toluene		ND(0.0055)	NA	ND(0.0053)	ND(0.0056) J	NA	ND(0.0059)
Xylenes (total)		ND(0.0055)	NA	ND(0.0053)	ND(0.0056) J	NA	ND(0.0059)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
1,2,4-Trichlorobenzene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
1,2-Dichlorobenzene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
1,2-Diphenylhydrazine		ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39)
1,3,5-Trinitrobenzene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
1,3-Dichlorobenzene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
1,3-Dinitrobenzene		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
1,4-Dichlorobenzene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
1,4-Naphthoquinone		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
1-Naphthylamine		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
2,3,4,6-Tetrachlorophenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,4,5-Trichlorophenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,4,6-Trichlorophenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,4-Dichlorophenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,4-Dimethylphenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,4-Dinitrophenol		ND(1.8) J	ND(1.8) J	NA	NA	ND(2.0) J	ND(2.0) J
2,4-Dinitrotoluene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,6-Dichlorophenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2,6-Dinitrotoluene		ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39) J
2-Acetylaminofluorene		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
2-Chloronaphthalene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2-Chlorophenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2-Methylnaphthalene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2-Methylphenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
2-Naphthylamine		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
2-Nitroaniline		ND(1.8) J	ND(1.8) J	NA	NA	ND(2.0) J	ND(2.0) J
2-Nitrophenol		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
2-Picoline		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
3&4-Methylphenol		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
3,3'-Dichlorobenzidine		ND(0.73) J	ND(0.72) J	NA	NA	ND(0.78) J	ND(0.79) J
3,3'-Dimethylbenzidine		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
3-Methylcholanthrene		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
3-Nitroaniline		ND(1.8) J	ND(1.8) J	NA	NA	ND(2.0) J	ND(2.0) J
4,6-Dinitro-2-methylphenol		ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39) J
4-Aminobiphenyl		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
4-Bromophenyl-phenylether		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
4-Chloroaniline		ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39) J
4-Chlorobenzilate		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
4-Nitroaniline		ND(1.8) J	ND(1.8) J	NA	NA	ND(2.0) J	ND(2.0) J
4-Nitrophenol		ND(1.8) J	ND(1.8) J	NA	NA	ND(2.0) J	ND(2.0) J
4-Nitroquinoline-1-oxide		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
4-Phenylenediamine		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
5-Nitro-o-toluidine		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
7,12-Dimethylbenz(a)anthracene		ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
a,a'-Dimethylphenethylamine		ND(0.73) J	ND(0.72) J	NA	NA	ND(0.78) J	ND(0.79)
Acenaphthene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Acenaphthylene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Acetophenone		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Aniline		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Anthracene		ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	0.14 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-I24 1-3 04/03/03	RAA11-I24 3-6 04/03/03	RAA11-I24 4-6 04/03/03	RAA11-I24 6-8 04/03/03	RAA11-I24 6-10 04/03/03	RAA11-I25 0-1 04/03/03
Semivolatile Organics (continued)						
Aramite	ND(0.73) J	ND(0.72) J	NA	NA	ND(0.78) J	ND(0.79)
Benzidine	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Benzo(a)anthracene	0.10 J	ND(0.36)	NA	NA	ND(0.39)	0.78
Benzo(a)pyrene	0.12 J	ND(0.36)	NA	NA	ND(0.39)	0.95
Benzo(b)fluoranthene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	0.73
Benzo(g,h,i)perylene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	0.61
Benzo(k)fluoranthene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	0.78
Benzyl Alcohol	ND(0.73) J	ND(0.72) J	NA	NA	ND(0.78) J	ND(0.79) J
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.36) J	ND(0.35) J	NA	NA	ND(0.38) J	ND(0.39) J
Butylbenzylphthalate	ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39) J
Chrysene	0.15 J	ND(0.36)	NA	NA	ND(0.39)	0.90
Diallate	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	0.18 J
Dibenzofuran	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Diethylphthalate	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Dimethylphthalate	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Di-n-Butylphthalate	ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39)
Di-n-Octylphthalate	ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39)
Diphenylamine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Ethyl Methanesulfonate	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Fluoranthene	0.24 J	ND(0.36)	NA	NA	ND(0.39)	1.5
Fluorene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Hexachlorobenzene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Hexachlorobutadiene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Hexachlorocyclopentadiene	ND(0.36) J	ND(0.36) J	NA	NA	ND(0.39) J	ND(0.39)
Hexachloroethane	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Hexachlorophene	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79) J
Hexachloropropene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	0.44
Isodrin	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Isophorone	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Isosafrole	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Methapyrilene	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Methyl Methanesulfonate	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Naphthalene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Nitrobenzene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitrosodiethylamine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitrosodimethylamine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79) J
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
N-Nitrosomorpholine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitrosopiperidine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
o-Toluidine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Pentachlorobenzene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Pentachloroethane	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Pentachloronitrobenzene	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Pentachlorophenol	ND(1.8)	ND(1.8)	NA	NA	ND(2.0)	ND(2.0)
Phenacetin	ND(0.73)	ND(0.72)	NA	NA	ND(0.78)	ND(0.79)
Phenanthrene	0.095 J	ND(0.36)	NA	NA	ND(0.39)	1.0
Phenol	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Pronamide	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Pyrene	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	2.1
Pyridine	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Safrole	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)
Thionazin	ND(0.36)	ND(0.36)	NA	NA	ND(0.39)	ND(0.39)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-I24 1-3 04/03/03	RAA11-I24 3-6 04/03/03	RAA11-I24 4-6 04/03/03	RAA11-I24 6-8 04/03/03	RAA11-I24 6-10 04/03/03	RAA11-I25 0-1 04/03/03
Organochlorine Pesticides							
Aldrin		ND(0.0080)	NA	NA	NA	NA	NA
Alpha-Chlordane		ND(0.0080)	NA	NA	NA	NA	NA
Technical Chlordane		ND(0.091)	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		--	NA	NA	NA	NA	NA
Herbicides							
None Detected		--	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		ND(0.0000011) X	ND(0.00000065) X	NA	NA	ND(0.0000011)	0.0000091 Y
TCDFs (total)		ND(0.0000013)	ND(0.0000010)	NA	NA	ND(0.0000011)	0.000083
1,2,3,7,8-PeCDF		ND(0.0000028)	ND(0.00000067) X	NA	NA	ND(0.0000028)	ND(0.0000050) X
2,3,4,7,8-PeCDF		ND(0.0000028)	0.00000043 J	NA	NA	ND(0.0000028)	0.000017 J
PeCDFs (total)		ND(0.0000028)	0.00000043	NA	NA	ND(0.0000028)	0.00017
1,2,3,4,7,8-HxCDF		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	0.0000069 J
1,2,3,6,7,8-HxCDF		ND(0.0000028)	ND(0.0000026)	NA	NA	0.00000071 J	ND(0.0000053) X
1,2,3,7,8,9-HxCDF		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	0.0000025 J
2,3,4,6,7,8-HxCDF		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	0.000012 J
HxCDFs (total)		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000012)	0.00014
1,2,3,4,6,7,8-HpCDF		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	0.000015 J
1,2,3,4,7,8,9-HpCDF		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	ND(0.0000021) X
HpCDFs (total)		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	0.000032
OCDF		ND(0.0000060)	ND(0.0000054)	NA	NA	ND(0.0000055)	0.000013 J
Dioxins							
2,3,7,8-TCDD		ND(0.0000014)	ND(0.0000013)	NA	NA	ND(0.0000012)	ND(0.0000024)
TCDDs (total)		ND(0.0000037)	ND(0.0000036)	NA	NA	ND(0.0000029)	ND(0.0000024)
1,2,3,7,8-PeCDD		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	ND(0.0000027)
PeCDDs (total)		ND(0.0000046)	ND(0.0000046)	NA	NA	ND(0.0000048)	0.0000048
1,2,3,4,7,8-HxCDD		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	ND(0.0000020) X
1,2,3,6,7,8-HxCDD		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	ND(0.0000020) X
1,2,3,7,8,9-HxCDD		ND(0.0000028)	ND(0.0000026)	NA	NA	ND(0.0000028)	ND(0.0000027)
HxCDDs (total)		ND(0.0000054)	ND(0.0000026)	NA	NA	ND(0.0000028)	0.0000025
1,2,3,4,6,7,8-HpCDD		ND(0.0000029)	ND(0.0000026)	NA	NA	ND(0.0000036)	0.000010 J
HpCDDs (total)		ND(0.0000029)	ND(0.0000026)	NA	NA	ND(0.0000036)	0.000010
OCDD		0.0000070 J	0.0000063 J	NA	NA	ND(0.0000071) X	0.000073
Total TEQs (WHO TEFs)		0.0000039	0.0000032	NA	NA	0.0000038	0.000015
Inorganics							
Antimony		ND(6.00)	ND(6.00)	NA	NA	ND(6.00)	1.10 B
Arsenic		7.50	3.90	NA	NA	2.60	6.30
Barium		35.0	18.0 B	NA	NA	12.0 B	25.0
Beryllium		0.230 B	0.150 B	NA	NA	0.130 B	0.230 B
Cadmium		0.870	0.640	NA	NA	0.420 B	0.860
Chromium		7.60	5.20	NA	NA	4.20	6.80
Cobalt		9.40	6.90	NA	NA	5.70	8.00
Copper		17.0	14.0	NA	NA	12.0	24.0
Cyanide		0.0540 B	0.0430 B	NA	NA	0.0330 B	0.0510 B
Lead		8.40	5.40	NA	NA	4.50	63.0
Mercury		ND(0.110)	ND(0.110)	NA	NA	ND(0.120)	0.130
Nickel		14.0	10.0	NA	NA	8.70	12.0
Selenium		0.580 J	ND(1.00) J	NA	NA	ND(1.00) J	0.830 J
Silver		ND(1.00)	ND(1.00)	NA	NA	ND(1.00)	0.410 B
Sulfide		16.0 J	22.0 J	NA	NA	72.0 J	13.0 J
Thallium		ND(1.10) J	ND(1.10) J	NA	NA	ND(1.20) J	1.40 J
Tin		ND(10.0)	ND(10.0)	NA	NA	ND(10.0)	ND(10.0)
Vanadium		6.00	4.40 B	NA	NA	3.40 B	6.10
Zinc		47.0	37.0	NA	NA	32.0	67.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-J12-LP 8-10 04/16/03	RAA11-J16 3-6 04/15/03	RAA11-J16 4-6 04/15/03	RAA11-J17 1-3 04/14/03	RAA11-J18 0-1 04/14/03	RAA11-J22 0-1 04/08/03
Volatile Organics							
1,4-Dioxane		ND(0.13) J	NA	ND(0.11) J	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone		ND(0.013)	NA	ND(0.011)	ND(0.011)	ND(0.012)	ND(0.012) J
Acetone		0.025 J	NA	0.018 J	ND(0.023)	ND(0.024)	ND(0.024)
Benzene		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Chlorobenzene		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Ethylbenzene		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Methylene Chloride		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Tetrachloroethene		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Styrene		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Toluene		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Xylenes (total)		ND(0.0064)	NA	ND(0.0055)	ND(0.0057)	ND(0.0059)	ND(0.0061)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
1,2,4-Trichlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41) J
1,2-Dichlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
1,2-Diphenylhydrazine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
1,3,5-Trinitrobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
1,3-Dichlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
1,3-Dinitrobenzene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
1,4-Dichlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
1,4-Naphthoquinone		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
1-Naphthylamine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
2,3,4,6-Tetrachlorophenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,4,5-Trichlorophenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,4,6-Trichlorophenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,4-Dichlorophenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,4-Dimethylphenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,4-Dinitrophenol		ND(2.2) J	ND(1.9) J	NA	ND(1.9) J	ND(2.0) J	ND(2.1) J
2,4-Dinitrotoluene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,6-Dichlorophenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2,6-Dinitrotoluene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2-Acetylaminofluorene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82) J
2-Chloronaphthalene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2-Chlorophenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2-Methylnaphthalene		R	0.15 J	NA	ND(0.38)	ND(0.40)	ND(0.41)
2-Methylphenol		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
2-Naphthylamine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
2-Nitroaniline		R	ND(1.9)	NA	ND(1.9)	ND(2.0)	ND(2.1)
2-Nitrophenol		ND(0.86) J	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
2-Picoline		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
3&4-Methylphenol		ND(0.86) J	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
3,3'-Dichlorobenzidine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
3,3'-Dimethylbenzidine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
3-Methylcholanthrene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
3-Nitroaniline		R	ND(1.9)	NA	ND(1.9)	ND(2.0)	ND(2.1)
4,6-Dinitro-2-methylphenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
4-Aminobiphenyl		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
4-Bromophenyl-phenylether		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
4-Chloro-3-Methylphenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
4-Chloroaniline		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
4-Chlorobenzilate		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
4-Chlorophenyl-phenylether		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
4-Nitroaniline		R	ND(1.9)	NA	ND(1.9)	ND(2.0)	ND(2.1)
4-Nitrophenol		ND(2.2) J	ND(1.9) J	NA	ND(1.9) J	ND(2.0) J	ND(2.1)
4-Nitroquinoline-1-oxide		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
4-Phenylenediamine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
5-Nitro-o-toluidine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
7,12-Dimethylbenz(a)anthracene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
a,a'-Dimethylphenethylamine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Acenaphthene		R	0.15 J	NA	ND(0.38)	ND(0.40)	ND(0.41)
Acenaphthylene		0.35 J	0.96	NA	0.26 J	ND(0.40)	0.19 J
Acetophenone		R	ND(0.36) J	NA	ND(0.38)	ND(0.40)	ND(0.41)
Aniline		0.25 J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Anthracene		0.13 J	1.2	NA	0.47	ND(0.40)	0.17 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-J12-LP 8-10 04/16/03	RAA11-J16 3-6 04/15/03	RAA11-J16 4-6 04/15/03	RAA11-J17 1-3 04/14/03	RAA11-J18 0-1 04/14/03	RAA11-J22 0-1 04/08/03
Semivolatile Organics (continued)							
Aramite		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82) J
Benzidine		R	ND(0.73) J	NA	ND(0.76)	ND(0.80)	ND(0.82)
Benzo(a)anthracene		0.43 J	2.2	NA	1.6	ND(0.40)	0.61
Benzo(a)pyrene		0.72 J	1.9	NA	1.4	ND(0.40)	0.58
Benzo(b)fluoranthene		0.61 J	2.3	NA	1.6	ND(0.40)	0.63
Benzo(g,h,i)perylene		0.42 J	1.1	NA	0.95	ND(0.40)	0.43
Benzo(k)fluoranthene		0.17 J	0.79	NA	0.68	ND(0.40)	0.24 J
Benzyl Alcohol		ND(0.86) J	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
bis(2-Chloroethoxy)methane		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
bis(2-Chloroethyl)ether		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
bis(2-Chloroisopropyl)ether		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
bis(2-Ethylhexyl)phthalate		R	ND(0.36)	NA	ND(0.38)	ND(0.39)	ND(0.40)
Butylbenzylphthalate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Chrysene		0.48 J	1.8	NA	1.2	ND(0.40)	0.49
Diallate		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Dibenzo(a,h)anthracene		R	0.30 J	NA	0.20 J	ND(0.40)	ND(0.41)
Dibenzofuran		R	0.38	NA	0.088 J	ND(0.40)	ND(0.41)
Diethylphthalate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Dimethylphthalate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Di-n-Butylphthalate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Di-n-Octylphthalate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41) J
Diphenylamine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Ethyl Methanesulfonate		R	ND(0.36) J	NA	ND(0.38)	ND(0.40)	ND(0.41) J
Fluoranthene		R	5.4	NA	2.8	0.14 J	0.99
Fluorene		R	0.45	NA	0.17 J	ND(0.40)	ND(0.41)
Hexachlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Hexachlorobutadiene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Hexachlorocyclopentadiene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41) J
Hexachloroethane		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Hexachlorophene		R	ND(0.73) J	NA	ND(0.76)	ND(0.80)	ND(0.82) J
Hexachloropropene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Indeno(1,2,3-cd)pyrene		0.29 J	0.98	NA	0.76	ND(0.40)	0.33 J
Isodrin		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Isophorone		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Isosafrole		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Methapyrilene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Methyl Methanesulfonate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Naphthalene		R	0.18 J	NA	ND(0.38)	ND(0.40)	ND(0.41)
Nitrobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
N-Nitrosodiethylamine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
N-Nitrosodimethylamine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
N-Nitroso-di-n-butylamine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
N-Nitroso-di-n-propylamine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41) J
N-Nitrosodiphenylamine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
N-Nitrosomethylethylamine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
N-Nitrosomorpholine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
N-Nitrosopiperidine		0.11 J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
N-Nitrosopyrrolidine		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
o,o,o-Triethylphosphorothioate		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
o-Toluidine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
p-Dimethylaminoazobenzene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Pentachlorobenzene		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41) J
Pentachloroethane		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Pentachloronitrobenzene		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Pentachlorophenol		ND(2.2) J	ND(1.9)	NA	ND(1.9)	ND(2.0)	ND(2.1)
Phenacetin		R	ND(0.73)	NA	ND(0.76)	ND(0.80)	ND(0.82)
Phenanthrene		0.18 J	3.6	NA	1.7	ND(0.40)	0.48
Phenol		ND(0.43) J	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Pronamide		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Pyrene		0.87 J	4.0	NA	2.8	0.16 J	0.98
Pyridine		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Safrole		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)
Thionazin		R	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.41)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-J12-LP 8-10 04/16/03	RAA11-J16 3-6 04/15/03	RAA11-J16 4-6 04/15/03	RAA11-J17 1-3 04/14/03	RAA11-J18 0-1 04/14/03	RAA11-J22 0-1 04/08/03
Organochlorine Pesticides						
Aldrin	NA	ND(0.0080)	NA	NA	NA	NA
Alpha-Chlordane	NA	ND(0.0080)	NA	NA	NA	NA
Technical Chlordane	NA	ND(0.091)	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	--	NA	NA	NA	NA
Herbicides						
None Detected	NA	--	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	NA	0.000017 Y	NA	0.000025 Y	0.000034 Y	0.000014 Y
TCDFs (total)	NA	0.00012 QJ	NA	0.00022	0.0017 QJ	0.00013
1,2,3,7,8-PeCDF	NA	ND(0.0000057) XQJ	NA	0.000027 J	0.00028	0.0000045 J
2,3,4,7,8-PeCDF	NA	0.000019 QJ	NA	0.000021 J	0.00030	0.000025 J
PeCDFs (total)	NA	0.00015 QJ	NA	0.00026	0.0029 QJ	0.00028
1,2,3,4,7,8-HxCDF	NA	0.000014 J	NA	0.000038	0.00044	0.0000082 J
1,2,3,6,7,8-HxCDF	NA	0.0000085 J	NA	0.000023 J	0.00043	ND(0.0000086) X
1,2,3,7,8,9-HxCDF	NA	ND(0.0000024) X	NA	ND(0.0000041) X	0.000023 QJ	ND(0.0000053)
2,3,4,6,7,8-HxCDF	NA	0.000013 J	NA	0.000014 J	0.000062	0.000016 J
HxCDFs (total)	NA	0.00016	NA	0.00025	0.0022 QJ	0.00019
1,2,3,4,6,7,8-HpCDF	NA	0.000024	NA	0.000065	0.00018	0.000028 J
1,2,3,4,7,8,9-HpCDF	NA	0.0000056 J	NA	0.0000072 J	0.000028	0.0000037 J
HpCDFs (total)	NA	0.000073	NA	0.00012	0.00027	0.000064
OCDF	NA	ND(0.000048)	NA	ND(0.000085)	0.000094	0.000031 J
Dioxins						
2,3,7,8-TCDD	NA	ND(0.0000015)	NA	ND(0.0000011)	ND(0.00000041) XQJ	ND(0.0000024)
TCDDs (total)	NA	ND(0.0000017)	NA	ND(0.0000024)	0.0000047 QJ	ND(0.0000024)
1,2,3,7,8-PeCDD	NA	ND(0.0000019) X	NA	ND(0.0000059) X	ND(0.0000018) X	ND(0.0000038) X
PeCDDs (total)	NA	0.0000018 QJ	NA	0.0000086 QJ	0.000012 QJ	0.0000035 QJ
1,2,3,4,7,8-HxCDD	NA	ND(0.0000019) X	NA	0.0000011 J	0.0000015 J	0.0000030 J
1,2,3,6,7,8-HxCDD	NA	0.0000036 J	NA	ND(0.0000030) X	0.0000030	0.0000030 J
1,2,3,7,8,9-HxCDD	NA	ND(0.0000028) X	NA	ND(0.0000023) X	0.0000025 J	ND(0.0000040)
HxCDDs (total)	NA	0.000010	NA	0.000020	0.000036	0.0000076
1,2,3,4,6,7,8-HpCDD	NA	0.000039	NA	0.000039	0.000018	0.000026 J
HpCDDs (total)	NA	ND(0.000074)	NA	0.000069	0.000038	0.000051
OCDD	NA	0.00036	NA	0.00028	0.00015	0.00020
Total TEQs (WHO TEFs)	NA	0.000018	NA	0.000027	0.00027	0.000022
Inorganics						
Antimony	ND(6.00)	1.20 B	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.30	11.0	NA	4.10	7.00	7.40
Barium	62.0	80.0	NA	25.0	23.0	39.0
Beryllium	0.370 B	ND(0.50)	NA	0.170 B	0.210 B	0.220 B
Cadmium	0.910	1.50	NA	0.220 B	0.170 B	0.490 B
Chromium	32.0	14.0	NA	6.90	5.90	7.20
Cobalt	8.70	9.70	NA	5.80	9.80	9.30
Copper	120	46.0	NA	15.0	11.0	29.0
Cyanide	0.150	0.0730 B	NA	0.0550 B	ND(0.240)	0.130
Lead	180	620	NA	48.0	24.0	74.0
Mercury	0.520	0.120	NA	0.0900 B	0.0430 B	0.150
Nickel	14.0	16.0	NA	11.0	13.0	13.0
Selenium	1.10 J	1.40 J	NA	ND(1.00) J	ND(1.00) J	0.620 J
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	25.0	39.0	NA	9.10	11.0	ND(6.10)
Thallium	ND(1.30) J	ND(1.10)	NA	ND(1.10) J	ND(1.20) J	ND(1.20) J
Tin	21.0	ND(10.0)	NA	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	11.0	8.90	NA	6.90	6.90	7.60
Zinc	180	160	NA	58.0	41.0	82.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K11 0-1 03/26/03	RAA11-K11 1-3 03/26/03	RAA11-K11 3-6 03/26/03	RAA11-K11 4-6 03/26/03	RAA11-K12-LP 8-10 04/17/03	RAA11-K13 0-1 04/15/03
Volatile Organics							
1,4-Dioxane		ND(0.14) J	ND(0.12) J	NA	ND(0.11) J	ND(0.12) J	ND(0.12) J
2-Butanone		ND(0.014)	ND(0.012)	NA	ND(0.011) J	ND(0.012)	ND(0.012)
Acetone		ND(0.027)	ND(0.025)	NA	ND(0.022) J	ND(0.025)	ND(0.023)
Benzene		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Chlorobenzene		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Ethylbenzene		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Methylene Chloride		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Tetrachloroethene		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Styrene		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Toluene		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Xylenes (total)		ND(0.0068)	ND(0.0063)	NA	ND(0.0056) J	ND(0.0063)	ND(0.0059)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42)	ND(0.39)
1,2,4-Trichlorobenzene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
1,2-Dichlorobenzene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
1,2-Diphenylhydrazine		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
1,3,5-Trinitrobenzene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
1,3-Dichlorobenzene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
1,3-Dinitrobenzene		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
1,4-Dichlorobenzene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
1,4-Naphthoquinone		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
1-Naphthylamine		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
2,3,4,6-Tetrachlorophenol		ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42) J	ND(0.39)
2,4,5-Trichlorophenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2,4,6-Trichlorophenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2,4-Dichlorophenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2,4-Dimethylphenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2,4-Dinitrophenol		ND(2.3) J	ND(2.1) J	ND(1.9) J	NA	ND(2.1)	ND(2.0) J
2,4-Dinitrotoluene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2,6-Dichlorophenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2,6-Dinitrotoluene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2-Acetylaminofluorene		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
2-Chloronaphthalene		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2-Chlorophenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2-Methylnaphthalene		ND(0.45)	0.11 J	0.18 J	NA	0.093 J	ND(0.39)
2-Methylphenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
2-Naphthylamine		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
2-Nitroaniline		ND(2.3)	ND(2.1)	ND(1.9)	NA	ND(2.1)	ND(2.0)
2-Nitrophenol		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
2-Picoline		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
3&4-Methylphenol		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
3,3'-Dichlorobenzidine		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
3,3'-Dimethylbenzidine		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
3-Methylcholanthrene		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
3-Nitroaniline		ND(2.3)	ND(2.1)	ND(1.9)	NA	ND(2.1)	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
4-Aminobiphenyl		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
4-Bromophenyl-phenylether		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
4-Chloro-3-Methylphenol		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
4-Chloroaniline		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
4-Chlorobenzilate		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
4-Chlorophenyl-phenylether		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
4-Nitroaniline		ND(2.3) J	ND(2.1) J	ND(1.9) J	NA	ND(2.1)	ND(2.0)
4-Nitrophenol		ND(2.3)	ND(2.1)	ND(1.9)	NA	ND(2.1)	ND(2.0) J
4-Nitroquinoline-1-oxide		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
4-Phenylenediamine		ND(0.91) J	ND(0.84) J	ND(0.75) J	NA	ND(0.84)	ND(0.79)
5-Nitro-o-toluidine		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
7,12-Dimethylbenz(a)anthracene		ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
a,a'-Dimethylphenethylamine		ND(0.91) J	ND(0.84) J	ND(0.75) J	NA	ND(0.84) J	ND(0.79)
Acenaphthene		ND(0.45)	0.15 J	0.22 J	NA	ND(0.42)	ND(0.39)
Acenaphthylene		0.15 J	0.34 J	0.74	NA	0.69	0.29 J
Acetophenone		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39) J
Aniline		ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Anthracene		0.18 J	0.50	0.80	NA	0.27 J	0.11 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA11-K11	RAA11-K11	RAA11-K11	RAA11-K11	RAA11-K12-LP	RAA11-K13
Sample Depth (Feet):	0-1	1-3	3-6	4-6	8-10	0-1
Parameter Date Collected:	03/26/03	03/26/03	03/26/03	03/26/03	04/17/03	04/15/03
Semivolatile Organics (continued)						
Aramite	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
Benzidine	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84) J	ND(0.79) J
Benzo(a)anthracene	0.83	1.8	2.6	NA	1.0	0.28 J
Benzo(a)pyrene	0.84	2.0	3.1	NA	1.8	0.29 J
Benzo(b)fluoranthene	0.57	1.2	3.2	NA	1.5	0.36 J
Benzo(g,h,i)perylene	0.46	1.1	2.2	NA	1.2	ND(0.39)
Benzo(k)fluoranthene	0.60	1.4	2.3	NA	0.62	0.14 J
Benzyl Alcohol	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
bis(2-Chloroethoxy)methane	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.45)	ND(0.41)	ND(0.37)	NA	ND(0.41)	ND(0.39)
Butylbenzylphthalate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Chrysene	0.78	1.6	2.9	NA	0.96	0.22 J
Diallate	ND(0.91) J	ND(0.84) J	ND(0.75) J	NA	ND(0.84)	ND(0.79)
Dibenzo(a,h)anthracene	ND(0.45)	ND(0.42)	0.54	NA	0.23 J	ND(0.39)
Dibenzofuran	ND(0.45)	0.12 J	0.37 J	NA	ND(0.42)	ND(0.39)
Diethylphthalate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Dimethylphthalate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Di-n-Butylphthalate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Di-n-Octylphthalate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Diphenylamine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Ethyl Methanesulfonate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42) J	ND(0.39) J
Fluoranthene	1.6	2.9	10	NA	1.0	0.56
Fluorene	ND(0.45)	0.19 J	0.56	NA	0.090 J	ND(0.39)
Hexachlorobenzene	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Hexachlorobutadiene	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Hexachlorocyclopentadiene	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42) J	ND(0.39)
Hexachloroethane	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Hexachlorophene	ND(0.91) J	ND(0.84) J	ND(0.75) J	NA	ND(0.84) J	ND(0.79) J
Hexachloropropene	ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42)	ND(0.39)
Indeno(1,2,3-cd)pyrene	0.39 J	1.0	1.9	NA	0.88	0.18 J
Isodrin	ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42)	ND(0.39)
Isophorone	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Isosafrole	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
Methapyrilene	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
Methyl Methanesulfonate	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Naphthalene	ND(0.45)	0.18 J	0.47	NA	0.18 J	ND(0.39)
Nitrobenzene	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitrosodiethylamine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitrosodimethylamine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
N-Nitroso-di-n-propylamine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitrosodiphenylamine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitrosomethylethylamine	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
N-Nitrosomorpholine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitrosopiperidine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
N-Nitrosopyrrolidine	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
o,o,o-Triethylphosphorothioate	ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42)	ND(0.39)
o-Toluidine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
Pentachlorobenzene	ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42)	ND(0.39)
Pentachloroethane	ND(0.45) J	ND(0.42) J	ND(0.37) J	NA	ND(0.42)	ND(0.39)
Pentachloronitrobenzene	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
Pentachlorophenol	ND(2.3)	ND(2.1)	ND(1.9)	NA	ND(2.1)	ND(2.0)
Phenacetin	ND(0.91)	ND(0.84)	ND(0.75)	NA	ND(0.84)	ND(0.79)
Phenanthrene	0.66	1.7	6.6	NA	0.31 J	0.22 J
Phenol	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Pronamide	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Pyrene	1.4	2.6	13	NA	1.8	0.51
Pyridine	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Safrole	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)
Thionazin	ND(0.45)	ND(0.42)	ND(0.37)	NA	ND(0.42)	ND(0.39)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA11-K11 0-1 03/26/03	RAA11-K11 1-3 03/26/03	RAA11-K11 3-6 03/26/03	RAA11-K11 4-6 03/26/03	RAA11-K12-LP 8-10 04/17/03	RAA11-K13 0-1 04/15/03
Organochlorine Pesticides						
Aldrin	NA	ND(0.31) [ND(0.31)]	NA	NA	NA	NA
Alpha-Chlordane	NA	ND(0.31) [ND(0.31)]	NA	NA	NA	NA
Technical Chlordane	NA	ND(5.2) [ND(5.2)]	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	--	NA	NA	NA	NA
Herbicides						
None Detected	NA	--	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000051 Y	0.000024 Y	0.000018 Y	NA	NA	0.000013 Y
TCDFs (total)	0.00057	0.00026	0.00024 QJ	NA	NA	0.00010
1,2,3,7,8-PeCDF	0.000035	0.000012 J	0.0000069 J	NA	NA	0.000010 J
2,3,4,7,8-PeCDF	0.00014	0.000060	0.000032	NA	NA	0.0000099 J
PeCDFs (total)	0.0013 I	0.00054 I	0.00015 QJ	NA	NA	0.000067
1,2,3,4,7,8-HxCDF	0.000083	0.000034	0.000011 J	NA	NA	0.0000087 J
1,2,3,6,7,8-HxCDF	0.000052	0.000022 J	0.0000085 J	NA	NA	ND(0.0000057)
1,2,3,7,8,9-HxCDF	ND(0.000019) X	ND(0.0000061) X	ND(0.0000014) QJ	NA	NA	ND(0.0000026)
2,3,4,6,7,8-HxCDF	0.00011	0.000043	0.000010 J	NA	NA	ND(0.0000061)
HxCDFs (total)	0.0017	0.00065	0.00030 QJ	NA	NA	0.000075
1,2,3,4,6,7,8-HpCDF	0.00036	0.00013	0.000063	NA	NA	0.000014 J
1,2,3,4,7,8,9-HpCDF	0.000035	0.000014 J	0.0000030 J	NA	NA	ND(0.0000038)
HpCDFs (total)	0.00072	0.00027	0.00014	NA	NA	0.000026
OCDF	0.00025	0.000087	0.000036 J	NA	NA	ND(0.000015)
Dioxins						
2,3,7,8-TCDD	ND(0.0000018) X	ND(0.0000012)	ND(0.0000038)	NA	NA	ND(0.0000020)
TCDDs (total)	0.000015	ND(0.0000027)	ND(0.0000038)	NA	NA	ND(0.0000023) QJ
1,2,3,7,8-PeCDD	ND(0.000011) X	ND(0.0000050) X	ND(0.0000026)	NA	NA	ND(0.0000026)
PeCDDs (total)	0.000046	0.000018	ND(0.0000016) QJ	NA	NA	ND(0.0000026) QJ
1,2,3,4,7,8-HxCDD	ND(0.0000062) X	0.0000022 J	ND(0.0000011) X	NA	NA	ND(0.0000032)
1,2,3,6,7,8-HxCDD	0.000014 J	0.0000060 J	ND(0.0000039) X	NA	NA	ND(0.0000028)
1,2,3,7,8,9-HxCDD	ND(0.0000098) X	ND(0.0000042) X	0.0000031 QJ	NA	NA	ND(0.0000031)
HxCDDs (total)	0.00015	0.000038	0.000028	NA	NA	ND(0.0000019)
1,2,3,4,6,7,8-HpCDD	0.00011	0.000055	0.000029	NA	NA	0.0000095 J
HpCDDs (total)	0.00022	0.00011	0.000057	NA	NA	0.000021
OCDD	0.00073	0.00037	0.00019	NA	NA	ND(0.000079)
Total TEQs (WHO TEFs)	0.00012	0.000049	0.000026	NA	NA	0.000011
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	NA	1.30 B	ND(6.00)
Arsenic	5.30	7.00	13.0	NA	4.10	6.50
Barium	64.0	56.0	67.0	NA	63.0	41.0
Beryllium	0.380 B	0.360 B	0.280 B	NA	0.370 B	ND(0.50)
Cadmium	0.800	0.650	0.710	NA	0.260 B	ND(0.50)
Chromium	28.0	22.0	11.0	NA	30.0	7.00
Cobalt	9.40	9.90	11.0	NA	8.10	9.00
Copper	76.0	58.0	31.0	NA	120	33.0
Cyanide	0.200	0.140	ND(0.220)	NA	0.280	0.0520 B
Lead	120	97.0	79.0	NA	180	140
Mercury	0.370	0.300	0.180	NA	0.510	0.230
Nickel	16.0	18.0	15.0	NA	15.0	14.0
Selenium	1.40	1.50	1.30	NA	ND(1.00) J	0.680 J
Silver	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	26.0 J	16.0 J	25.0 J	NA	8.00	35.0
Thallium	ND(1.40) J	ND(1.20) J	ND(1.10) J	NA	ND(1.20) J	ND(1.20)
Tin	14.0	ND(10.0)	ND(10.0)	NA	18.0	ND(10.0)
Vanadium	13.0	13.0	11.0	NA	11.0	11.0
Zinc	140	120	89.0	NA	180	77.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-K15 0-1 04/15/03	RAA11-K15 10-12 04/15/03	RAA11-K15 10-15 04/15/03	RAA11-K17 0-1 04/10/03	RAA11-K17 6-10 04/10/03	RAA11-K17 8-10 04/10/03
Volatile Organics						
1,4-Dioxane	ND(0.12) J	ND(0.11) J	NA	ND(0.12) J	NA	ND(0.14) J
2-Butanone	ND(0.012)	ND(0.011)	NA	ND(0.012)	NA	ND(0.014)
Acetone	ND(0.024)	0.014 J	NA	0.040	NA	ND(0.028)
Benzene	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	ND(0.0069)
Chlorobenzene	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	ND(0.0069)
Ethylbenzene	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	0.0061 J
Methylene Chloride	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	ND(0.0069)
Tetrachloroethene	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	ND(0.0069)
Styrene	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	0.0041 J
Toluene	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	0.0071
Xylenes (total)	ND(0.0060)	ND(0.0056)	NA	ND(0.0060)	NA	0.024
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
1,2,4-Trichlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
1,2-Dichlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
1,2-Diphenylhydrazine	ND(0.40)	NA	R	ND(0.40)	R	NA
1,3,5-Trinitrobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
1,3-Dichlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
1,3-Dinitrobenzene	ND(0.80)	NA	R	ND(0.80)	R	NA
1,4-Dichlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
1,4-Naphthoquinone	ND(0.80)	NA	R	ND(0.80)	R	NA
1-Naphthylamine	ND(0.80)	NA	R	ND(0.80)	R	NA
2,3,4,6-Tetrachlorophenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2,4,5-Trichlorophenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2,4,6-Trichlorophenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2,4-Dichlorophenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2,4-Dimethylphenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2,4-Dinitrophenol	ND(2.0) J	NA	ND(1.9) J	ND(2.0) J	R	NA
2,4-Dinitrotoluene	ND(0.40)	NA	R	ND(0.40)	R	NA
2,6-Dichlorophenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2,6-Dinitrotoluene	ND(0.40)	NA	R	ND(0.40)	R	NA
2-Acetylaminofluorene	ND(0.80)	NA	R	ND(0.80)	R	NA
2-Chloronaphthalene	ND(0.40)	NA	R	ND(0.40)	R	NA
2-Chlorophenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
2-Methylnaphthalene	ND(0.40)	NA	R	ND(0.40)	R	NA
2-Methylphenol	ND(0.40)	NA	R	ND(0.40)	R	NA
2-Naphthylamine	ND(0.80)	NA	R	ND(0.80)	R	NA
2-Nitroaniline	ND(2.0)	NA	R	ND(2.0)	R	NA
2-Nitrophenol	ND(0.80)	NA	ND(1.9) J	ND(0.80)	R	NA
2-Picoline	ND(0.40)	NA	R	ND(0.40)	R	NA
3&4-Methylphenol	ND(0.80)	NA	ND(0.38) J	ND(0.80)	R	NA
3,3'-Dichlorobenzidine	ND(0.80)	NA	R	ND(0.80)	R	NA
3,3'-Dimethylbenzidine	ND(0.40)	NA	R	ND(0.40)	R	NA
3-Methylcholanthrene	ND(0.80)	NA	R	ND(0.80)	R	NA
3-Nitroaniline	ND(2.0)	NA	R	ND(2.0)	R	NA
4,6-Dinitro-2-methylphenol	ND(0.40)	NA	ND(1.9) J	ND(0.40)	R	NA
4-Aminobiphenyl	ND(0.80)	NA	R	ND(0.80)	R	NA
4-Bromophenyl-phenylether	ND(0.40)	NA	R	ND(0.40)	R	NA
4-Chloro-3-Methylphenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
4-Chloroaniline	ND(0.40)	NA	R	ND(0.40)	R	NA
4-Chlorobenzilate	ND(0.80)	NA	R	ND(0.80)	R	NA
4-Chlorophenyl-phenylether	ND(0.40)	NA	R	ND(0.40)	R	NA
4-Nitroaniline	ND(2.0)	NA	R	ND(2.0)	R	NA
4-Nitrophenol	ND(2.0) J	NA	ND(1.9) J	ND(2.0)	R	NA
4-Nitroquinoline-1-oxide	ND(0.80)	NA	R	ND(0.80)	R	NA
4-Phenylenediamine	ND(0.80)	NA	R	ND(0.80)	R	NA
5-Nitro-o-toluidine	ND(0.80)	NA	R	ND(0.80)	R	NA
7,12-Dimethylbenz(a)anthracene	ND(0.80)	NA	R	ND(0.80)	R	NA
a,a'-Dimethylphenethylamine	ND(0.80)	NA	R	ND(0.80)	R	NA
Acenaphthene	0.28 J	NA	R	0.55	R	NA
Acenaphthylene	0.086 J	NA	R	0.18 J	1.1 J	NA
Acetophenone	ND(0.40) J	NA	R	ND(0.40)	R	NA
Aniline	ND(0.40)	NA	R	ND(0.40)	R	NA
Anthracene	0.13 J	NA	R	0.11 J	R	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-K15 0-1 04/15/03	RAA11-K15 10-12 04/15/03	RAA11-K15 10-15 04/15/03	RAA11-K17 0-1 04/10/03	RAA11-K17 6-10 04/10/03	RAA11-K17 8-10 04/10/03
Semivolatile Organics (continued)						
Aramite	ND(0.80)	NA	R	ND(0.80)	R	NA
Benzidine	ND(0.80) J	NA	R	ND(0.80)	R	NA
Benzo(a)anthracene	0.58	NA	R	0.26 J	1.1 J	NA
Benzo(a)pyrene	0.63	NA	R	0.30 J	2.1 J	NA
Benzo(b)fluoranthene	0.75	NA	R	0.34 J	1.7 J	NA
Benzo(g,h,i)perylene	0.41	NA	R	0.23 J	1.3 J	NA
Benzo(k)fluoranthene	0.36 J	NA	R	0.15 J	0.56 J	NA
Benzyl Alcohol	ND(0.80)	NA	ND(0.38) J	ND(0.80)	R	NA
bis(2-Chloroethoxy)methane	ND(0.40)	NA	R	ND(0.40)	R	NA
bis(2-Chloroethyl)ether	ND(0.40)	NA	R	ND(0.40)	R	NA
bis(2-Chloroisopropyl)ether	ND(0.40)	NA	R	ND(0.40)	R	NA
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	R	ND(0.39)	R	NA
Butylbenzylphthalate	ND(0.40)	NA	R	ND(0.40)	R	NA
Chrysene	1.2	NA	R	0.31 J	R	NA
Diallate	ND(0.80)	NA	R	ND(0.80)	R	NA
Dibenzo(a,h)anthracene	0.12 J	NA	R	ND(0.40)	R	NA
Dibenzofuran	ND(0.40)	NA	R	ND(0.40)	R	NA
Diethylphthalate	ND(0.40)	NA	R	ND(0.40)	0.28 J	NA
Dimethylphthalate	ND(0.40)	NA	R	ND(0.40)	R	NA
Di-n-Butylphthalate	ND(0.40)	NA	R	ND(0.40)	R	NA
Di-n-Octylphthalate	ND(0.40)	NA	R	ND(0.40) J	R	NA
Diphenylamine	ND(0.40)	NA	R	ND(0.40)	R	NA
Ethyl Methanesulfonate	ND(0.40) J	NA	R	ND(0.40)	R	NA
Fluoranthene	1.1	NA	R	0.46	1.2 J	NA
Fluorene	ND(0.40)	NA	R	ND(0.40)	0.12 J	NA
Hexachlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
Hexachlorobutadiene	ND(0.40)	NA	R	ND(0.40)	R	NA
Hexachlorocyclopentadiene	ND(0.40)	NA	R	ND(0.40) J	R	NA
Hexachloroethane	ND(0.40)	NA	R	ND(0.40)	R	NA
Hexachlorophene	ND(0.80) J	NA	R	ND(0.80) J	R	NA
Hexachloropropene	ND(0.40)	NA	R	ND(0.40)	R	NA
Indeno(1,2,3-cd)pyrene	0.32 J	NA	R	0.19 J	0.84 J	NA
Isodrin	ND(0.40)	NA	R	ND(0.40)	R	NA
Isophorone	ND(0.40)	NA	R	ND(0.40)	R	NA
Isosafrole	ND(0.80)	NA	R	ND(0.80)	R	NA
Methapyrilene	ND(0.80)	NA	R	ND(0.80)	R	NA
Methyl Methanesulfonate	ND(0.40)	NA	R	ND(0.40)	R	NA
Naphthalene	ND(0.40)	NA	R	ND(0.40)	R	NA
Nitrobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitrosodiethylamine	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitrosodimethylamine	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitroso-di-n-butylamine	ND(0.80)	NA	R	ND(0.80)	R	NA
N-Nitroso-di-n-propylamine	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitrosodiphenylamine	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitrosomethylethylamine	ND(0.80)	NA	R	ND(0.80)	R	NA
N-Nitrosomorpholine	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitrosopiperidine	ND(0.40)	NA	R	ND(0.40)	R	NA
N-Nitrosopyrrolidine	ND(0.80)	NA	R	ND(0.80)	R	NA
o,o,o-Triethylphosphorothioate	ND(0.40)	NA	R	ND(0.40)	R	NA
o-Toluidine	ND(0.40)	NA	R	ND(0.40)	R	NA
p-Dimethylaminoazobenzene	ND(0.80)	NA	R	ND(0.80)	R	NA
Pentachlorobenzene	ND(0.40)	NA	R	ND(0.40)	R	NA
Pentachloroethane	ND(0.40)	NA	R	ND(0.40)	R	NA
Pentachloronitrobenzene	ND(0.80)	NA	R	ND(0.80)	R	NA
Pentachlorophenol	ND(2.0)	NA	ND(0.76) J	ND(2.0)	R	NA
Phenacetin	ND(0.80)	NA	R	ND(0.80)	R	NA
Phenanthrene	0.54	NA	R	0.16 J	0.27 J	NA
Phenol	ND(0.40)	NA	ND(0.38) J	ND(0.40)	R	NA
Pronamide	ND(0.40)	NA	R	ND(0.40)	R	NA
Pyrene	1.0	NA	R	0.54	1.6 J	NA
Pyridine	ND(0.40)	NA	R	ND(0.40)	R	NA
Safrole	ND(0.40)	NA	R	ND(0.40)	R	NA
Thionazin	ND(0.40)	NA	R	ND(0.40)	R	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K15 0-1 04/15/03	RAA11-K15 10-12 04/15/03	RAA11-K15 10-15 04/15/03	RAA11-K17 0-1 04/10/03	RAA11-K17 6-10 04/10/03	RAA11-K17 8-10 04/10/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.0000080 J	NA	0.0000075 J	0.00034 Y	ND(0.0000020) J	NA
TCDFs (total)		0.000068 QJ	NA	0.000080 QJ	0.0026 I	ND(0.0000010) QJ	NA
1,2,3,7,8-PeCDF		ND(0.0000030) X	NA	ND(0.0000029) X	0.00014	ND(0.0000020) J	NA
2,3,4,7,8-PeCDF		0.0000076 J	NA	0.000023	0.00025	0.0000026 QJ	NA
PeCDFs (total)		0.000078 QJ	NA	0.00020 QJ	0.0030	0.000013 QJ	NA
1,2,3,4,7,8-HxCDF		0.0000057 J	NA	0.0000073 J	0.00049	0.0000018 J	NA
1,2,3,6,7,8-HxCDF		ND(0.0000042)	NA	ND(0.0000057)	0.00025	ND(0.0000022) X	NA
1,2,3,7,8,9-HxCDF		ND(0.0000023)	NA	ND(0.0000018)	ND(0.000050) X	ND(0.0000027)	NA
2,3,4,6,7,8-HxCDF		ND(0.0000036)	NA	0.000016 J	0.00018	ND(0.0000027)	NA
HxCDFs (total)		0.000058	NA	0.00021	0.0027	0.000014	NA
1,2,3,4,6,7,8-HpCDF		0.000012 J	NA	0.000041	0.00050	ND(0.0000030)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000025)	NA	0.0000032 J	0.00012	ND(0.0000027)	NA
HpCDFs (total)		0.000026	NA	0.000092	0.00091	ND(0.0000030)	NA
OCDF		ND(0.000020)	NA	ND(0.000038)	0.00054	0.0000058 J	NA
Dioxins							
2,3,7,8-TCDD		ND(0.0000016)	NA	ND(0.0000018)	0.0000023 J	ND(0.0000016)	NA
TCDDs (total)		ND(0.0000027)	NA	ND(0.0000018)	0.000012	ND(0.0000039)	NA
1,2,3,7,8-PeCDD		ND(0.0000023)	NA	ND(0.0000058) X	ND(0.000042) X	ND(0.0000027) QJ	NA
PeCDDs (total)		0.0000019 QJ	NA	0.0000032 QJ	0.000030 QJ	ND(0.0000049)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000023)	NA	ND(0.0000020)	0.0000062 J	ND(0.0000027)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000023) X	NA	ND(0.0000041) X	0.000011 J	ND(0.0000018) X	NA
1,2,3,7,8,9-HxCDD		ND(0.0000023)	NA	ND(0.0000019)	0.0000097 J	0.0000022 QJ	NA
HxCDDs (total)		ND(0.0000037)	NA	0.000022	0.00015	0.0000022 QJ	NA
1,2,3,4,6,7,8-HpCDD		0.000028	NA	0.000028	0.000069	0.0000054 J	NA
HpCDDs (total)		0.000053	NA	0.000055	0.00014	0.0000097 QJ	NA
OCDD		0.00023	NA	0.00021	0.00032	ND(0.000019)	NA
Total TEQs (WHO TEFs)		0.0000085	NA	0.000020	0.00029	0.0000047	NA
Inorganics							
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00) J	ND(6.00) J	NA
Arsenic		5.50	NA	13.0	5.70	6.80	NA
Barium		42.0	NA	35.0	63.0	28.0	NA
Beryllium		ND(0.50)	NA	ND(0.50)	0.200 B	0.300 B	NA
Cadmium		0.580	NA	ND(0.50)	0.520	0.270 B	NA
Chromium		6.90	NA	8.70	8.50	8.30	NA
Cobalt		7.00	NA	6.90	7.60	8.10	NA
Copper		29.0	NA	18.0	31.0	18.0	NA
Cyanide		0.0830 B	NA	0.130 B	ND(0.120)	ND(0.110)	NA
Lead		110	NA	36.0	140	18.0	NA
Mercury		0.160	NA	0.230	0.260 J	0.0730 J	NA
Nickel		12.0	NA	10.0	16.0	15.0	NA
Selenium		0.830 J	NA	1.40 J	ND(1.00) J	ND(1.00) J	NA
Silver		ND(1.00)	NA	ND(1.00)	ND(1.00)	5.60	NA
Sulfide		9.60	NA	68.0	15.0 J	54.0 J	NA
Thallium		ND(1.20)	NA	ND(1.10)	ND(1.20) J	ND(1.10) J	NA
Tin		ND(10.0)	NA	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium		8.60	NA	11.0	9.80	10.0	NA
Zinc		110	NA	39.0	140	50.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K19 0-1 04/09/03	RAA11-K21 0-1 04/09/03	RAA11-K23 0-1 04/03/03	RAA11-K23 1-3 04/03/03	RAA11-K23 3-6 04/03/03
Volatile Organics						
1,4-Dioxane		ND(0.12) J	ND(0.11) J	ND(0.12) J	ND(0.11) J	NA
2-Butanone		ND(0.012)	ND(0.011)	ND(0.012)	ND(0.011)	NA
Acetone		ND(0.024)	ND(0.022)	ND(0.024)	ND(0.023)	NA
Benzene		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Chlorobenzene		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Ethylbenzene		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Methylene Chloride		ND(0.0060)	ND(0.0056)	ND(0.0060)	0.0033 J	NA
Tetrachloroethene		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Styrene		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Toluene		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Xylenes (total)		ND(0.0060)	ND(0.0056)	ND(0.0060)	ND(0.0057)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,2,4-Trichlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,2-Dichlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,2-Diphenylhydrazine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,3,5-Trinitrobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,3-Dichlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,3-Dinitrobenzene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
1,4-Dichlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
1,4-Naphthoquinone		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
1-Naphthylamine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
2,3,4,6-Tetrachlorophenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,4,5-Trichlorophenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,4,6-Trichlorophenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,4-Dichlorophenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,4-Dimethylphenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,4-Dinitrophenol		ND(2.0) J	ND(1.9) J	ND(2.0) J	ND(1.9) J	ND(2.0) J
2,4-Dinitrotoluene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,6-Dichlorophenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2,6-Dinitrotoluene		ND(0.40)	ND(0.38)	ND(0.40) J	ND(0.38) J	ND(0.39) J
2-Acetylaminofluorene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
2-Chloronaphthalene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2-Chlorophenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2-Methylnaphthalene		ND(0.40)	ND(0.38)	0.091 J	0.12 J	0.25 J
2-Methylphenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
2-Naphthylamine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
2-Nitroaniline		ND(2.0)	ND(1.9)	ND(2.0) J	ND(1.9) J	ND(2.0) J
2-Nitrophenol		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
2-Picoline		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
3&4-Methylphenol		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
3,3'-Dichlorobenzidine		ND(0.81)	ND(0.76)	ND(0.80) J	ND(0.76) J	ND(0.79) J
3,3'-Dimethylbenzidine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
3-Methylcholanthrene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
3-Nitroaniline		ND(2.0)	ND(1.9)	ND(2.0) J	ND(1.9) J	ND(2.0) J
4,6-Dinitro-2-methylphenol		ND(2.0)	ND(1.9)	ND(0.40) J	ND(0.38) J	ND(0.39) J
4-Aminobiphenyl		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
4-Bromophenyl-phenylether		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
4-Chloro-3-Methylphenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
4-Chloroaniline		ND(0.40)	ND(0.38)	ND(0.40) J	ND(0.38) J	ND(0.39) J
4-Chlorobenzilate		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
4-Chlorophenyl-phenylether		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
4-Nitroaniline		ND(2.0)	ND(1.9)	ND(2.0) J	ND(1.9) J	ND(2.0) J
4-Nitrophenol		ND(2.0) J	ND(1.9) J	ND(2.0) J	ND(1.9) J	ND(2.0) J
4-Nitroquinoline-1-oxide		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
4-Phenylenediamine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
5-Nitro-o-toluidine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
7,12-Dimethylbenz(a)anthracene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
a,a'-Dimethylphenethylamine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79) J
Acenaphthene		ND(0.40)	ND(0.38)	0.13 J	0.13 J	0.31 J
Acenaphthylene		ND(0.40)	ND(0.38)	0.43	0.41	0.57
Acetophenone		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Aniline		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Anthracene		ND(0.40)	0.12 J	0.76	0.68	1.3

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K19 0-1 04/09/03	RAA11-K21 0-1 04/09/03	RAA11-K23 0-1 04/03/03	RAA11-K23 1-3 04/03/03	RAA11-K23 3-6 04/03/03
Semivolatile Organics (continued)						
Aramite		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Benzidine		ND(0.81)	ND(0.76)	ND(0.80) J	ND(0.76) J	ND(0.79)
Benzo(a)anthracene		ND(0.40)	0.39	3.3	2.5	4.2
Benzo(a)pyrene		ND(0.40)	0.32 J	3.1	2.7	4.1
Benzo(b)fluoranthene		ND(0.40)	0.38	2.5	2.3	3.1
Benzo(g,h,i)perylene		ND(0.40)	0.20 J	2.2	2.0	2.8
Benzo(k)fluoranthene		ND(0.40)	0.18 J	2.3	1.8	2.8
Benzyl Alcohol		ND(0.81)	ND(0.76)	ND(0.80) J	ND(0.76) J	ND(0.79) J
bis(2-Chloroethoxy)methane		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
bis(2-Chloroethyl)ether		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
bis(2-Chloroisopropyl)ether		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
bis(2-Ethylhexyl)phthalate		ND(0.40)	ND(0.38)	ND(0.39) J	ND(0.38) J	ND(0.39) J
Butylbenzylphthalate		ND(0.40)	ND(0.38)	ND(0.40) J	ND(0.38) J	ND(0.39) J
Chrysene		ND(0.40)	0.26 J	3.6	2.9	4.7
Diallate		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Dibenzo(a,h)anthracene		ND(0.40)	ND(0.38)	0.84	0.82	1.3
Dibenzofuran		ND(0.40)	ND(0.38)	0.12 J	0.14 J	0.32 J
Diethylphthalate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Dimethylphthalate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Di-n-Butylphthalate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Di-n-Octylphthalate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Diphenylamine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Ethyl Methanesulfonate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Fluoranthene		ND(0.40)	0.68	5.9	4.5	8.3
Fluorene		ND(0.40)	ND(0.38)	0.44	0.46	0.80
Hexachlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Hexachlorobutadiene		ND(0.80)	ND(0.75)	ND(0.40)	ND(0.38)	ND(0.39)
Hexachlorocyclopentadiene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Hexachloroethane		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Hexachlorophene		ND(0.81) J	ND(0.76) J	ND(0.80)	ND(0.76)	ND(0.79) J
Hexachloropropene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Indeno(1,2,3-cd)pyrene		ND(0.40)	0.17 J	1.9	1.7	2.4
Isodrin		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Isophorone		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Isosafrole		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Methapyrilene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Methyl Methanesulfonate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Naphthalene		ND(0.40)	ND(0.38)	0.11 J	0.18 J	0.51
Nitrobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitrosodiethylamine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitrosodimethylamine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitroso-di-n-butylamine		ND(0.81) J	ND(0.76) J	ND(0.80)	ND(0.76)	ND(0.79)
N-Nitroso-di-n-propylamine		ND(0.80)	ND(0.75)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitrosodiphenylamine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitrosomethylethylamine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
N-Nitrosomorpholine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitrosopiperidine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
N-Nitrosopyrrolidine		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
o,o,o-Triethylphosphorothioate		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
o-Toluidine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
p-Dimethylaminoazobenzene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Pentachlorobenzene		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Pentachloroethane		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Pentachloronitrobenzene		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Pentachlorophenol		ND(2.0)	ND(1.9)	ND(2.0)	ND(1.9)	ND(2.0)
Phenacetin		ND(0.81)	ND(0.76)	ND(0.80)	ND(0.76)	ND(0.79)
Phenanthrene		ND(0.40)	0.34 J	4.8	4.0	7.2
Phenol		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Pronamide		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Pyrene		ND(0.40)	0.65	7.0	5.8	13
Pyridine		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Safrole		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)
Thionazin		ND(0.40)	ND(0.38)	ND(0.40)	ND(0.38)	ND(0.39)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K19 0-1 04/09/03	RAA11-K21 0-1 04/09/03	RAA11-K23 0-1 04/03/03	RAA11-K23 1-3 04/03/03	RAA11-K23 3-6 04/03/03
Organochlorine Pesticides						
Aldrin		NA	NA	NA	ND(0.057)	ND(0.059)
Alpha-Chlordane		NA	NA	NA	ND(0.057)	ND(0.059)
Technical Chlordane		NA	NA	NA	ND(0.95)	ND(0.98)
Organophosphate Pesticides						
None Detected		NA	NA	NA	--	--
Herbicides						
None Detected		NA	NA	NA	--	--
Furans						
2,3,7,8-TCDF		ND(0.0000016) X	0.0000090 J	0.000028 Y	0.000026 Y	0.000023 Y
TCDFs (total)		ND(0.0000013)	0.000088	0.00037	0.00031 QJ	0.00026 QJ
1,2,3,7,8-PeCDF		ND(0.0000029)	0.0000049 J	0.000012 J	0.0000087 QJ	0.0000077 QJ
2,3,4,7,8-PeCDF		ND(0.0000013) X	0.000014 J	0.000085	0.000092	0.0000054 J
PeCDFs (total)		0.0000031	0.00016	0.00042	0.0011 QJ	0.00033 QJ
1,2,3,4,7,8-HxCDF		ND(0.0000011) X	0.000012 J	0.000024 J	0.000018 QJ	0.000018 J
1,2,3,6,7,8-HxCDF		0.0000013 J	0.0000083 J	0.000023 J	0.000019 J	0.000018 J
1,2,3,7,8,9-HxCDF		ND(0.0000029)	0.0000021 J	0.0000070 J	ND(0.0000060) X	0.0000054 J
2,3,4,6,7,8-HxCDF		ND(0.00000093) X	0.0000088 J	0.000068	0.000053	0.000044
HxCDFs (total)		0.000010	0.00012	0.00095	0.00086	0.00070
1,2,3,4,6,7,8-HpCDF		0.0000094 J	0.000023 J	0.000077	0.000059	0.000056
1,2,3,4,7,8,9-HpCDF		ND(0.0000029)	0.0000040 J	ND(0.000013) X	0.0000070 J	0.0000065 J
HpCDFs (total)		0.0000094	0.000045	0.00019	0.00016	0.00014
OCDF		0.000035 J	0.000036 J	0.00010	0.000044 J	ND(0.000039) X
Dioxins						
2,3,7,8-TCDD		ND(0.0000012)	ND(0.0000011)	ND(0.0000038)	ND(0.0000016) X	ND(0.0000021) X
TCDDs (total)		ND(0.0000021)	ND(0.0000011)	ND(0.0000038)	0.0000021	ND(0.0000048)
1,2,3,7,8-PeCDD		ND(0.0000029)	ND(0.0000012) X	ND(0.000019) X	0.0000022 QJ	ND(0.0000086) XJ
PeCDDs (total)		ND(0.0000036)	0.0000020	0.0000040	0.000013 QJ	0.0000056 QJ
1,2,3,4,7,8-HxCDD		0.0000023 J	ND(0.0000027)	ND(0.0000026) X	ND(0.0000027) J	ND(0.0000029)
1,2,3,6,7,8-HxCDD		0.0000023 J	0.0000017 J	0.0000053 J	0.0000049 J	ND(0.0000043) X
1,2,3,7,8,9-HxCDD		ND(0.0000029)	ND(0.0000027)	0.0000040 J	0.0000038 J	ND(0.0000025) X
HxCDDs (total)		0.0000023	0.0000078	0.000038	0.000049	0.0000051
1,2,3,4,6,7,8-HpCDD		0.000056	0.000016 J	0.000032	0.000039	0.000025 J
HpCDDs (total)		0.00010	0.000030	0.000060	0.000078	0.000053
OCDD		0.00077	0.00012	0.00024	0.00027	0.00020
Total TEQs (WHO TEFs)		0.0000043	0.000013	0.000072	0.000063	0.000021
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	1.20 B	ND(6.00)
Arsenic		5.20	6.60	5.00	4.50	5.70
Barium		30.0	59.0	33.0	26.0	37.0
Beryllium		0.240 B	0.210 B	0.200 B	0.170 B	0.240 B
Cadmium		0.450 B	0.440 B	0.840	0.730	0.750
Chromium		7.60	7.40	8.00	6.10	9.00
Cobalt		8.80	8.30	6.70	5.50	6.80
Copper		23.0	21.0	28.0	21.0	28.0
Cyanide		0.0550 B	0.0680 B	0.100 B	ND(0.110)	0.100 B
Lead		31.0	84.0	110	80.0	100
Mercury		0.0520 B	0.290	0.230	0.200	0.200
Nickel		15.0	13.0	11.0	9.00	12.0
Selenium		0.620 J	0.610 J	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	0.360 B	0.440 B	ND(1.00)
Sulfide		150	7.20	21.0 J	13.0 J	32.0 J
Thallium		ND(1.20) J	ND(1.10) J	ND(1.20) J	ND(1.10) J	1.40 J
Tin		ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		6.80	9.10	7.40	5.70	7.30
Zinc		68.0	76.0	92.0	64.0	83.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth (Feet) / Date Collected:	RAA11-K23 4-6 04/03/03	RAA11-K23 10-12 04/03/03	RAA11-K23 10-15 04/03/03	RAA11-K24 0-1 04/08/03
Volatile Organics				
1,4-Dioxane	ND(0.12) J	ND(0.14) J	NA	ND(0.11) J
2-Butanone	ND(0.012)	0.012 J	NA	ND(0.011) J
Acetone	0.016 J	0.020 J	NA	ND(0.022)
Benzene	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Chlorobenzene	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Ethylbenzene	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Methylene Chloride	0.0054 J	ND(0.0070)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Styrene	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Toluene	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Xylenes (total)	ND(0.0062)	ND(0.0070)	NA	ND(0.0055)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.54)	ND(0.37)
1,2,4-Trichlorobenzene	NA	NA	ND(0.54)	ND(0.37)
1,2-Dichlorobenzene	NA	NA	ND(0.54)	ND(0.37)
1,2-Diphenylhydrazine	NA	NA	ND(0.54) J	ND(0.37)
1,3,5-Trinitrobenzene	NA	NA	ND(0.54)	ND(0.37)
1,3-Dichlorobenzene	NA	NA	ND(0.54)	ND(0.37)
1,3-Dinitrobenzene	NA	NA	ND(1.1)	ND(0.74)
1,4-Dichlorobenzene	NA	NA	ND(0.54)	ND(0.37)
1,4-Naphthoquinone	NA	NA	ND(1.1)	ND(0.74)
1-Naphthylamine	NA	NA	ND(1.1)	ND(0.74)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.54)	ND(0.37)
2,4,5-Trichlorophenol	NA	NA	ND(0.54)	ND(0.37)
2,4,6-Trichlorophenol	NA	NA	ND(0.54)	ND(0.37)
2,4-Dichlorophenol	NA	NA	ND(0.54)	ND(0.37)
2,4-Dimethylphenol	NA	NA	ND(0.54)	ND(0.37)
2,4-Dinitrophenol	NA	NA	ND(2.7) J	ND(1.9) J
2,4-Dinitrotoluene	NA	NA	ND(0.54)	ND(0.37)
2,6-Dichlorophenol	NA	NA	ND(0.54)	ND(0.37)
2,6-Dinitrotoluene	NA	NA	ND(0.54) J	ND(0.37)
2-Acetylaminofluorene	NA	NA	ND(1.1)	ND(0.74) J
2-Chloronaphthalene	NA	NA	ND(0.54)	ND(0.37)
2-Chlorophenol	NA	NA	ND(0.54)	ND(0.37)
2-Methylnaphthalene	NA	NA	ND(0.54)	ND(0.37)
2-Methylphenol	NA	NA	ND(0.54)	ND(0.37)
2-Naphthylamine	NA	NA	ND(1.1)	ND(0.74)
2-Nitroaniline	NA	NA	ND(2.7) J	ND(1.9)
2-Nitrophenol	NA	NA	ND(1.1)	ND(0.74)
2-Picoline	NA	NA	ND(0.54)	ND(0.37)
3&4-Methylphenol	NA	NA	ND(1.1)	ND(0.74)
3,3'-Dichlorobenzidine	NA	NA	ND(1.1) J	ND(0.74)
3,3'-Dimethylbenzidine	NA	NA	ND(0.54)	ND(0.37)
3-Methylcholanthrene	NA	NA	ND(1.1)	ND(0.74)
3-Nitroaniline	NA	NA	ND(2.7) J	ND(1.9)
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.54) J	ND(0.37)
4-Aminobiphenyl	NA	NA	ND(1.1)	ND(0.74)
4-Bromophenyl-phenylether	NA	NA	ND(0.54)	ND(0.37)
4-Chloro-3-Methylphenol	NA	NA	ND(0.54)	ND(0.37)
4-Chloroaniline	NA	NA	ND(0.54) J	ND(0.37)
4-Chlorobenzilate	NA	NA	ND(1.1)	ND(0.74)
4-Chlorophenyl-phenylether	NA	NA	ND(0.54)	ND(0.37)
4-Nitroaniline	NA	NA	ND(2.7) J	ND(1.9)
4-Nitrophenol	NA	NA	ND(2.7) J	ND(1.9)
4-Nitroquinoline-1-oxide	NA	NA	ND(1.1)	ND(0.74)
4-Phenylenediamine	NA	NA	ND(1.1)	ND(0.74)
5-Nitro-o-toluidine	NA	NA	ND(1.1)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(1.1)	ND(0.74)
a,a'-Dimethylphenethylamine	NA	NA	ND(1.1) J	ND(0.74)
Acenaphthene	NA	NA	ND(0.54)	ND(0.37)
Acenaphthylene	NA	NA	ND(0.54)	ND(0.37)
Acetophenone	NA	NA	ND(0.54)	ND(0.37)
Aniline	NA	NA	ND(0.54)	ND(0.37)
Anthracene	NA	NA	ND(0.54)	ND(0.37)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K23 4-6 04/03/03	RAA11-K23 10-12 04/03/03	RAA11-K23 10-15 04/03/03	RAA11-K24 0-1 04/08/03
Semivolatile Organics (continued)					
Aramite		NA	NA	ND(1.1) J	ND(0.74) J
Benzidine		NA	NA	ND(1.1)	ND(0.74)
Benzo(a)anthracene		NA	NA	ND(0.54)	ND(0.37)
Benzo(a)pyrene		NA	NA	ND(0.54)	ND(0.37)
Benzo(b)fluoranthene		NA	NA	ND(0.54)	ND(0.37)
Benzo(g,h,i)perylene		NA	NA	ND(0.54)	ND(0.37)
Benzo(k)fluoranthene		NA	NA	ND(0.54)	ND(0.37)
Benzyl Alcohol		NA	NA	ND(1.1) J	ND(0.74)
bis(2-Chloroethoxy)methane		NA	NA	ND(0.54)	ND(0.37)
bis(2-Chloroethyl)ether		NA	NA	ND(0.54)	ND(0.37)
bis(2-Chloroisopropyl)ether		NA	NA	ND(0.54)	ND(0.37)
bis(2-Ethylhexyl)phthalate		NA	NA	ND(0.53) J	ND(0.36)
Butylbenzylphthalate		NA	NA	ND(0.54) J	ND(0.37)
Chrysene		NA	NA	ND(0.54)	ND(0.37)
Diallate		NA	NA	ND(1.1)	ND(0.74)
Dibenzo(a,h)anthracene		NA	NA	ND(0.54)	ND(0.37)
Dibenzofuran		NA	NA	ND(0.54)	ND(0.37)
Diethylphthalate		NA	NA	ND(0.54)	ND(0.37)
Dimethylphthalate		NA	NA	ND(0.54)	ND(0.37)
Di-n-Butylphthalate		NA	NA	ND(0.54) J	ND(0.37)
Di-n-Octylphthalate		NA	NA	ND(0.54) J	ND(0.37) J
Diphenylamine		NA	NA	ND(0.54)	ND(0.37)
Ethyl Methanesulfonate		NA	NA	ND(0.54)	ND(0.37) J
Fluoranthene		NA	NA	ND(0.54)	0.092 J
Fluorene		NA	NA	ND(0.54)	ND(0.37)
Hexachlorobenzene		NA	NA	ND(0.54)	ND(0.37)
Hexachlorobutadiene		NA	NA	ND(0.54)	ND(0.37)
Hexachlorocyclopentadiene		NA	NA	ND(0.54) J	ND(0.37) J
Hexachloroethane		NA	NA	ND(0.54)	ND(0.37)
Hexachlorophene		NA	NA	ND(1.1)	ND(0.74) J
Hexachloropropene		NA	NA	ND(0.54)	ND(0.37)
Indeno(1,2,3-cd)pyrene		NA	NA	ND(0.54)	ND(0.37)
Isodrin		NA	NA	ND(0.54)	ND(0.37)
Isophorone		NA	NA	ND(0.54)	ND(0.37)
Isosafrole		NA	NA	ND(1.1)	ND(0.74)
Methapyrilene		NA	NA	ND(1.1)	ND(0.74)
Methyl Methanesulfonate		NA	NA	ND(0.54)	ND(0.37)
Naphthalene		NA	NA	ND(0.54)	ND(0.37)
Nitrobenzene		NA	NA	ND(0.54)	ND(0.37)
N-Nitrosodiethylamine		NA	NA	ND(0.54)	ND(0.37)
N-Nitrosodimethylamine		NA	NA	ND(0.54)	ND(0.37)
N-Nitroso-di-n-butylamine		NA	NA	ND(1.1)	ND(0.74)
N-Nitroso-di-n-propylamine		NA	NA	ND(0.54)	ND(0.37)
N-Nitrosodiphenylamine		NA	NA	ND(0.54)	ND(0.37)
N-Nitrosomethylethylamine		NA	NA	ND(1.1)	ND(0.74)
N-Nitrosomorpholine		NA	NA	ND(0.54)	ND(0.37)
N-Nitrosopiperidine		NA	NA	ND(0.54)	ND(0.37)
N-Nitrosopyrrolidine		NA	NA	ND(1.1)	ND(0.74)
o,o,o-Triethylphosphorothioate		NA	NA	ND(0.54)	ND(0.37)
o-Toluidine		NA	NA	ND(0.54)	ND(0.37)
p-Dimethylaminoazobenzene		NA	NA	ND(1.1)	ND(0.74)
Pentachlorobenzene		NA	NA	ND(0.54)	ND(0.37) J
Pentachloroethane		NA	NA	ND(0.54)	ND(0.37)
Pentachloronitrobenzene		NA	NA	ND(1.1)	ND(0.74)
Pentachlorophenol		NA	NA	ND(2.7)	ND(1.9)
Phenacetin		NA	NA	ND(1.1)	ND(0.74)
Phenanthrene		NA	NA	ND(0.54)	ND(0.37)
Phenol		NA	NA	ND(0.54)	ND(0.37)
Pronamide		NA	NA	ND(0.54)	ND(0.37)
Pyrene		NA	NA	ND(0.54)	0.11 J
Pyridine		NA	NA	ND(0.54)	ND(0.37)
Safrole		NA	NA	ND(0.54)	ND(0.37)
Thionazin		NA	NA	ND(0.54)	ND(0.37)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA11-K23 4-6 04/03/03	RAA11-K23 10-12 04/03/03	RAA11-K23 10-15 04/03/03	RAA11-K24 0-1 04/08/03
Organochlorine Pesticides					
Aldrin		NA	NA	NA	ND(0.055)
Alpha-Chlordane		NA	NA	NA	ND(0.055)
Technical Chlordane		NA	NA	NA	ND(0.92)
Organophosphate Pesticides					
None Detected		NA	NA	NA	--
Herbicides					
None Detected		NA	NA	NA	--
Furans					
2,3,7,8-TCDF		NA	NA	0.0000016 J	0.000030 Y
TCDFs (total)		NA	NA	0.0000016	0.00024
1,2,3,7,8-PeCDF		NA	NA	ND(0.0000039)	0.0000068 J
2,3,4,7,8-PeCDF		NA	NA	ND(0.0000039)	0.0000070 J
PeCDFs (total)		NA	NA	ND(0.0000038)	0.000086
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.0000039)	0.0000055 J
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.0000039)	0.0000036 J
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.0000039)	ND(0.0000027)
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.0000039)	0.0000035 J
HxCDFs (total)		NA	NA	ND(0.0000038)	0.000051
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.0000039)	0.000016 J
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.0000039)	ND(0.0000027)
HpCDFs (total)		NA	NA	ND(0.0000038)	0.000030
OCDF		NA	NA	ND(0.0000077)	0.000016 J
Dioxins					
2,3,7,8-TCDD		NA	NA	ND(0.0000015)	ND(0.0000013)
TCDDs (total)		NA	NA	ND(0.0000059)	0.0000020
1,2,3,7,8-PeCDD		NA	NA	ND(0.0000039)	ND(0.0000023) X
PeCDDs (total)		NA	NA	ND(0.0000060)	0.0000026
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.0000039)	ND(0.0000018) X
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.0000039)	ND(0.0000018) X
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.0000039)	ND(0.0000027)
HxCDDs (total)		NA	NA	ND(0.0000076)	0.0000025
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.0000043)	0.000015 J
HpCDDs (total)		NA	NA	ND(0.0000042)	0.000026
OCDD		NA	NA	0.000013 J	0.000086
Total TEQs (WHO TEFs)		NA	NA	0.0000054	0.000011
Inorganics					
Antimony		NA	NA	ND(6.00)	ND(6.00)
Arsenic		NA	NA	6.00	7.20
Barium		NA	NA	29.0 B	18.0 B
Beryllium		NA	NA	0.220 B	0.300 B
Cadmium		NA	NA	0.880	0.480 B
Chromium		NA	NA	7.80	9.20
Cobalt		NA	NA	8.40	9.40
Copper		NA	NA	27.0	22.0
Cyanide		NA	NA	0.0460 B	0.0910 B
Lead		NA	NA	75.0	35.0
Mercury		NA	NA	ND(0.160)	0.130
Nickel		NA	NA	13.0	15.0
Selenium		NA	NA	ND(1.20) J	0.840 J
Silver		NA	NA	ND(1.20)	ND(1.00)
Sulfide		NA	NA	44.0 J	16.0
Thallium		NA	NA	ND(1.60) J	ND(1.10) J
Tin		NA	NA	ND(10.0)	ND(10.0)
Vanadium		NA	NA	7.20 B	8.70
Zinc		NA	NA	76.0	56.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-L12 0-1 04/16/03	RAA11-L18 1-3 04/14/03	RAA11-M10 3-6 03/25/03	RAA11-M10 10-15 03/25/03	RAA11-M11 0-1 03/26/03
Volatile Organics						
1,4-Dioxane		ND(0.12) J	ND(0.12) J	NA	NA	ND(0.11) J
2-Butanone		ND(0.012)	ND(0.012)	NA	NA	ND(0.011)
Acetone		ND(0.024)	ND(0.023)	NA	NA	ND(0.022)
Benzene		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Chlorobenzene		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Ethylbenzene		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Methylene Chloride		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Styrene		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Tetrachloroethene		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Toluene		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Xylenes (total)		ND(0.0059)	ND(0.0058)	NA	NA	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
1,2,4-Trichlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
1,2-Dichlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
1,2-Diphenylhydrazine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
1,3,5-Trinitrobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
1,3-Dichlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
1,3-Dinitrobenzene		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
1,4-Dichlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
1,4-Naphthoquinone		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
1-Naphthylamine		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
2,3,4,6-Tetrachlorophenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
2,4,5-Trichlorophenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2,4,6-Trichlorophenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2,4-Dichlorophenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2,4-Dimethylphenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2,4-Dinitrophenol		ND(2.0) J	ND(2.0) J	ND(1.8) J	ND(4.4) J	ND(1.8) J
2,4-Dinitrotoluene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2,6-Dichlorophenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2,6-Dinitrotoluene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	0.94
2-Acetylaminofluorene		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
2-Chloronaphthalene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2-Chlorophenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2-Methylnaphthalene		ND(0.39)	ND(0.39)	ND(0.36)	5.2	ND(0.36)
2-Methylphenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
2-Naphthylamine		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
2-Nitroaniline		ND(2.0)	ND(2.0)	ND(1.8) J	ND(4.4) J	ND(1.8)
2-Nitrophenol		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
2-Picoline		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
3&4-Methylphenol		ND(0.79) J	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
3,3'-Dichlorobenzidine		ND(0.79)	ND(0.78)	ND(0.73)	ND(1.7)	ND(0.73)
3,3'-Dimethylbenzidine		ND(0.39) J	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
3-Methylcholanthrene		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
3-Nitroaniline		ND(2.0)	ND(2.0)	ND(1.8)	ND(4.4)	ND(1.8)
4,6-Dinitro-2-methylphenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
4-Aminobiphenyl		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
4-Bromophenyl-phenylether		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
4-Chloro-3-Methylphenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
4-Chloroaniline		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
4-Chlorobenzilate		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
4-Chlorophenyl-phenylether		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
4-Nitroaniline		ND(2.0)	ND(2.0)	ND(1.8)	ND(2.2)	ND(1.8) J
4-Nitrophenol		ND(2.0)	ND(2.0) J	ND(1.8)	ND(4.4)	ND(1.8)
4-Nitroquinoline-1-oxide		ND(0.79) J	ND(0.78)	ND(0.73) J	ND(0.88) J	ND(0.73)
4-Phenylenediamine		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73) J
5-Nitro-o-toluidine		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
a,a'-Dimethylphenethylamine		ND(0.79)	ND(0.78)	ND(0.73) J	ND(0.88) J	ND(0.73) J
Acenaphthene		ND(0.39)	ND(0.39)	ND(0.36)	3.6	ND(0.36)
Acenaphthylene		0.12 J	ND(0.39)	ND(0.36)	ND(0.87)	0.091 J
Acetophenone		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Aniline		ND(0.39)	ND(0.39)	ND(0.36) J	ND(0.87) J	ND(0.36)
Anthracene		ND(0.39)	ND(0.39)	ND(0.36)	1.5	0.55

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-L12 0-1 04/16/03	RAA11-L18 1-3 04/14/03	RAA11-M10 3-6 03/25/03	RAA11-M10 10-15 03/25/03	RAA11-M11 0-1 03/26/03
Semivolatile Organics (continued)						
Aramite		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
Benzidine		ND(0.79) J	ND(0.78)	ND(0.73) J	ND(1.7) J	ND(0.73)
Benzo(a)anthracene		0.23 J	ND(0.39)	ND(0.36)	0.34 J	5.5
Benzo(a)pyrene		0.25 J	ND(0.39)	ND(0.36)	0.19 J	4.5
Benzo(b)fluoranthene		0.30 J	ND(0.39)	ND(0.36)	ND(0.87)	4.6
Benzo(g,h,i)perylene		0.16 J	ND(0.39)	ND(0.36)	ND(0.87)	2.1
Benzo(k)fluoranthene		0.11 J	ND(0.39)	ND(0.36)	ND(0.87)	3.4
Benzyl Alcohol		ND(0.79) J	ND(0.78)	ND(0.73)	ND(1.7)	ND(0.73)
bis(2-Chloroethoxy)methane		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
bis(2-Chloroethyl)ether		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
bis(2-Chloroisopropyl)ether		ND(0.39)	ND(0.39)	ND(0.36) J	ND(0.87) J	ND(0.36)
bis(2-Ethylhexyl)phthalate		0.49	ND(0.38)	ND(0.36)	ND(0.44)	ND(0.36)
Butylbenzylphthalate		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Chrysene		0.20 J	ND(0.39)	ND(0.36)	0.36 J	4.7
Diallate		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73) J
Dibenzo(a,h)anthracene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	1.0
Dibenzofuran		ND(0.39)	ND(0.39)	ND(0.36)	0.38 J	ND(0.36)
Diethylphthalate		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Dimethylphthalate		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Di-n-Butylphthalate		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Di-n-Octylphthalate		ND(0.39)	ND(0.39)	ND(0.36) J	ND(0.87) J	ND(0.36)
Diphenylamine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Ethyl Methanesulfonate		ND(0.39) J	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Fluoranthene		0.33 J	0.10 J	0.094 J	1.6	11
Fluorene		ND(0.39)	ND(0.39)	ND(0.36)	1.8	0.086 J
Hexachlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Hexachlorobutadiene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Hexachlorocyclopentadiene		ND(0.39) J	ND(0.39)	ND(0.36) J	ND(0.87) J	ND(0.36)
Hexachloroethane		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Hexachlorophene		ND(0.79) J	ND(0.78)	ND(0.73) J	ND(1.7) J	ND(0.73) J
Hexachloropropene		ND(0.39) J	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
Indeno(1,2,3-cd)pyrene		0.14 J	ND(0.39)	ND(0.36)	ND(0.87)	2.1
Isodrin		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
Isophorone		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Isosafrole		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
Methapyrilene		ND(0.79)	ND(0.78)	ND(0.73) J	ND(0.88) J	ND(0.73)
Methyl Methanesulfonate		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Naphthalene		ND(0.39)	ND(0.39)	ND(0.36)	11	ND(0.36)
Nitrobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitrosodiethylamine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitrosodimethylamine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitroso-di-n-butylamine		ND(0.79) J	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
N-Nitroso-di-n-propylamine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitrosodiphenylamine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitrosomethylethylamine		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
N-Nitrosomorpholine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitrosopiperidine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
N-Nitrosopyrrolidine		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
o,o,o-Triethylphosphorothioate		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
o-Toluidine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
p-Dimethylaminoazobenzene		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
Pentachlorobenzene		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
Pentachloroethane		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36) J
Pentachloronitrobenzene		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
Pentachlorophenol		ND(2.0)	ND(2.0)	ND(1.8)	ND(4.4)	ND(1.8)
Phenacetin		ND(0.79)	ND(0.78)	ND(0.73)	ND(0.88)	ND(0.73)
Phenanthrene		0.14 J	0.094 J	ND(0.36)	5.5	1.6
Phenol		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Pronamide		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Pyrene		0.41	0.14 J	ND(0.36)	1.9	9.6
Pyridine		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Safrole		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	ND(0.36)
Thionazin		ND(0.39)	ND(0.39)	ND(0.36)	ND(0.87)	0.59

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-L12 0-1 04/16/03	RAA11-L18 1-3 04/14/03	RAA11-M10 3-6 03/25/03	RAA11-M10 10-15 03/25/03	RAA11-M11 0-1 03/26/03
Organochlorine Pesticides						
Aldrin		NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		0.000016 Y	0.0000047 Y	0.00000055 J	0.000062 Y	0.0000025 J
TCDFs (total)		0.00019	0.000036	0.0000034	0.00055 QJ	0.000038
1,2,3,7,8-PeCDF		0.000034	0.0000013 J	ND(0.00000049)	0.000052	ND(0.0000015)
2,3,4,7,8-PeCDF		0.000020 J	0.0000039	0.0000014 J	0.000060	0.0000072 J
PeCDFs (total)		0.00029	0.000034 QJ	0.000010	0.00050 QJ	0.000073
1,2,3,4,7,8-HxCDF		0.000017 J	0.0000027 J	0.00000061 J	0.00021	0.0000031 J
1,2,3,6,7,8-HxCDF		0.0000083 J	0.0000018 J	ND(0.00000077) X	0.000081	ND(0.0000025) X
1,2,3,7,8,9-HxCDF		ND(0.0000034) X	0.00000039 J	ND(0.00000098) X	0.000021 J	ND(0.0000018) X
2,3,4,6,7,8-HxCDF		0.000018 J	0.0000021 J	0.0000011 J	0.000048	ND(0.0000040) X
HxCDFs (total)		0.00025	0.000032	0.0000090	0.00072	0.000044
1,2,3,4,6,7,8-HpCDF		0.000050	0.0000049	0.0000026 J	0.00032	0.0000044 J
1,2,3,4,7,8,9-HpCDF		ND(0.0000056) X	ND(0.00000071) X	ND(0.00000072) X	0.000033 J	ND(0.0000025)
HpCDFs (total)		0.000099	0.0000093	0.0000055	0.00042	0.0000096
OCDF		0.000036 J	0.0000048 J	0.0000054 J	0.00020	0.0000048 J
Dioxins						
2,3,7,8-TCDD		ND(0.0000016)	ND(0.00000015)	ND(0.00000022)	ND(0.0000027) X	ND(0.0000029)
TCDDs (total)		ND(0.0000016)	0.00000016	ND(0.00000056)	0.000033	ND(0.0000029)
1,2,3,7,8-PeCDD		ND(0.0000066) X	ND(0.00000026) X	ND(0.00000037) X	0.0000042 J	ND(0.0000025)
PeCDDs (total)		0.0000062	0.00000020 QJ	0.00000042	0.000034 QJ	ND(0.0000025)
1,2,3,4,7,8-HxCDD		ND(0.0000024) X	0.00000023 J	0.00000034 J	0.0000031 J	ND(0.00000074) X
1,2,3,6,7,8-HxCDD		ND(0.0000034) X	ND(0.00000052)	ND(0.00000065) X	0.0000068 J	0.0000018 J
1,2,3,7,8,9-HxCDD		ND(0.0000025) X	ND(0.00000050)	ND(0.00000060) X	0.0000064 J	ND(0.0000025)
HxCDDs (total)		0.0000071	0.0000024	0.00000034	0.000050	0.0000018
1,2,3,4,6,7,8-HpCDD		0.000021 J	0.0000058	0.0000036 J	0.000039	0.0000069 J
HpCDDs (total)		0.000042	0.000013	0.0000036	0.000071	0.000012
OCDD		0.00014	0.000041	0.000023	0.00012	0.000042 J
Total TEQs (WHO TEFs)		0.000023	0.0000036	0.0000015	0.000086	0.0000078
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	2.50 B	1.40 B
Arsenic		5.70	7.90	4.60	6.50	9.30
Barium		30.0	54.0	27.0	71.0	21.0
Beryllium		0.180 B	0.420 B	0.140 B	0.250 B	0.330 B
Cadmium		0.350 B	0.320 B	0.320 B	1.20	0.460 B
Chromium		13.0	17.0	5.70	35.0	7.50
Cobalt		7.60	10.0	6.90	8.40	7.20
Copper		22.0	20.0	15.0	250	22.0
Cyanide		0.110 B	0.0580 B	ND(0.220)	0.640	ND(0.220)
Lead		46.0	31.0	25.0	390	18.0
Mercury		0.180	0.120	ND(0.110)	0.610	0.140
Nickel		12.0	19.0	12.0	19.0	11.0
Selenium		1.30 J	ND(1.00) J	0.560 B	1.50	1.50
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		ND(5.90)	ND(5.80)	21.0	210	22.0 J
Thallium		ND(1.20) J	ND(1.20) J	ND(1.60) J	ND(2.00) J	ND(1.10) J
Tin		ND(17.0)	ND(10.0)	3.50 B	41.0	ND(10.0)
Vanadium		7.60	12.0	7.90	12.0	14.0
Zinc		63.0	92.0	44.0	320	47.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-M13 0-1 04/15/03	RAA11-M13 6-8 04/15/03	RAA11-M13 6-10 04/15/03	RAA11-M15 0-1 04/14/03	RAA11-M15 0-1 05/07/03
Volatile Organics						
1,4-Dioxane		ND(0.11) J	ND(0.11) J	NA	ND(0.12)	NA
2-Butanone		ND(0.011)	ND(0.011)	NA	ND(0.012) J	NA
Acetone		ND(0.022)	0.018 J	NA	ND(0.024)	NA
Benzene		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Chlorobenzene		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Ethylbenzene		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Methylene Chloride		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Styrene		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Tetrachloroethene		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Toluene		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Xylenes (total)		ND(0.0055)	ND(0.0054)	NA	ND(0.0059)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,2,4-Trichlorobenzene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,2-Dichlorobenzene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,2-Diphenylhydrazine		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,3,5-Trinitrobenzene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,3-Dichlorobenzene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,3-Dinitrobenzene		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
1,4-Dichlorobenzene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
1,4-Naphthoquinone		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
1-Naphthylamine		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
2,3,4,6-Tetrachlorophenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,4,5-Trichlorophenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,4,6-Trichlorophenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,4-Dichlorophenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,4-Dimethylphenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,4-Dinitrophenol		ND(0.38) J	NA	ND(1.9) J	ND(2.0) J	NA
2,4-Dinitrotoluene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,6-Dichlorophenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2,6-Dinitrotoluene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2-Acetylaminofluorene		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
2-Chloronaphthalene		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2-Chlorophenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2-Methylnaphthalene		ND(0.37)	NA	0.24 J	ND(0.40)	NA
2-Methylphenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
2-Naphthylamine		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
2-Nitroaniline		ND(1.9)	NA	ND(1.9)	ND(2.0)	NA
2-Nitrophenol		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
2-Picoline		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
3&4-Methylphenol		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
3,3'-Dichlorobenzidine		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
3,3'-Dimethylbenzidine		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
3-Methylcholanthrene		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
3-Nitroaniline		ND(1.9)	NA	ND(1.9)	ND(2.0)	NA
4,6-Dinitro-2-methylphenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
4-Aminobiphenyl		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
4-Bromophenyl-phenylether		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
4-Chloro-3-Methylphenol		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
4-Chloroaniline		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
4-Chlorobenzilate		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
4-Chlorophenyl-phenylether		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
4-Nitroaniline		ND(1.9)	NA	ND(1.9)	ND(2.0)	NA
4-Nitrophenol		ND(1.9) J	NA	ND(1.9) J	ND(2.0) J	NA
4-Nitroquinoline-1-oxide		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
4-Phenylenediamine		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
5-Nitro-o-toluidine		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
a,a'-Dimethylphenethylamine		ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Acenaphthene		ND(0.37)	NA	0.33 J	ND(0.40)	NA
Acenaphthylene		0.23 J	NA	0.60	0.086 J	NA
Acetophenone		ND(0.37) J	NA	ND(0.37) J	ND(0.40)	NA
Aniline		ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Anthracene		0.12 J	NA	0.75	0.22 J	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:				
	RAA11-M13 / 0-1 / 04/15/03	RAA11-M13 / 6-8 / 04/15/03	RAA11-M13 / 6-10 / 04/15/03	RAA11-M15 / 0-1 / 04/14/03	RAA11-M15 / 0-1 / 05/07/03
Semivolatile Organics (continued)					
Aramite	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Benzidine	ND(0.74) J	NA	ND(0.75) J	ND(0.80)	NA
Benzo(a)anthracene	0.32 J	NA	1.1	0.75	NA
Benzo(a)pyrene	0.31 J	NA	1.0	0.54	NA
Benzo(b)fluoranthene	0.36 J	NA	1.2	0.62	NA
Benzo(g,h,i)perylene	0.22 J	NA	0.57	0.30 J	NA
Benzo(k)fluoranthene	0.14 J	NA	0.50	0.27 J	NA
Benzyl Alcohol	ND(0.74)	NA	0.080 J	ND(0.80)	NA
bis(2-Chloroethoxy)methane	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
bis(2-Chloroethyl)ether	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
bis(2-Chloroisopropyl)ether	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.37)	ND(0.39)	NA
Butylbenzylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Chrysene	0.24 J	NA	0.87	0.52	NA
Diallate	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	0.16 J	ND(0.40)	NA
Dibenzofuran	ND(0.37)	NA	0.31 J	ND(0.40)	NA
Diethylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Dimethylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Di-n-Butylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Diphenylamine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Ethyl Methanesulfonate	ND(0.37) J	NA	ND(0.37) J	ND(0.40)	NA
Fluoranthene	0.52	NA	3.0	1.3	NA
Fluorene	ND(0.37)	NA	0.53	ND(0.40)	NA
Hexachlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Hexachlorobutadiene	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Hexachlorocyclopentadiene	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Hexachloroethane	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Hexachlorophene	ND(0.74) J	NA	ND(0.75) J	ND(0.80)	NA
Hexachloropropene	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene	0.17 J	NA	0.50	0.24 J	NA
Isodrin	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Isophorone	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Isosafrole	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Methapyrilene	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Methyl Methanesulfonate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Naphthalene	ND(0.37)	NA	0.36 J	ND(0.40)	NA
Nitrobenzene	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitrosodiethylamine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitrosodimethylamine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitroso-di-n-butylamine	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitrosodiphenylamine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitrosomethylethylamine	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
N-Nitrosomorpholine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitrosopiperidine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
N-Nitrosopyrrolidine	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
o,o,o-Triethylphosphorothioate	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
o-Toluidine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Pentachlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Pentachloroethane	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Pentachloronitrobenzene	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Pentachlorophenol	ND(1.9)	NA	ND(1.9)	ND(2.0)	NA
Phenacetin	ND(0.74)	NA	ND(0.75)	ND(0.80)	NA
Phenanthrene	0.20 J	NA	2.1	0.74	NA
Phenol	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Pronamide	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Pyrene	0.51	NA	2.0	1.2	NA
Pyridine	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Safrole	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA
Thionazin	ND(0.37)	NA	ND(0.37)	ND(0.40)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-M13 0-1 04/15/03	RAA11-M13 6-8 04/15/03	RAA11-M13 6-10 04/15/03	RAA11-M15 0-1 04/14/03	RAA11-M15 0-1 05/07/03
Organochlorine Pesticides						
Aldrin		ND(0.0080)	NA	NA	NA	ND(0.0080)
Alpha-Chlordane		ND(0.0080)	NA	NA	NA	ND(0.0080)
Technical Chlordane		ND(0.092)	NA	NA	NA	ND(0.094)
Organophosphate Pesticides						
None Detected		--	NA	NA	NA	--
Herbicides						
None Detected		--	NA	NA	NA	--
Furans						
2,3,7,8-TCDF		0.0000039 J	NA	0.0000040 J	0.0000076 J	NA
TCDFs (total)		0.000037	NA	0.000048 QJ	0.000099	NA
1,2,3,7,8-PeCDF		0.0000028 J	NA	ND(0.0000019) XQJ	0.000025	NA
2,3,4,7,8-PeCDF		0.0000039 J	NA	0.000010 J	0.0000058 J	NA
PeCDFs (total)		0.000037	NA	0.000094 QJ	0.00011 I	NA
1,2,3,4,7,8-HxCDF		0.0000032 J	NA	0.0000036 J	0.000014 J	NA
1,2,3,6,7,8-HxCDF		0.0000024 J	NA	ND(0.0000032) X	ND(0.0000041)	NA
1,2,3,7,8,9-HxCDF		ND(0.0000025)	NA	ND(0.0000036)	ND(0.0000024)	NA
2,3,4,6,7,8-HxCDF		0.0000029 J	NA	ND(0.0000068)	0.0000053 J	NA
HxCDFs (total)		0.000034	NA	0.000091	0.000073	NA
1,2,3,4,6,7,8-HpCDF		0.0000064 J	NA	0.000017 J	0.000016 J	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000025)	NA	0.0000022 J	0.0000027 J	NA
HpCDFs (total)		0.000015	NA	0.000044	0.000018	NA
OCDF		ND(0.0000098) X	NA	ND(0.000031)	0.000032 J	NA
Dioxins						
2,3,7,8-TCDD		ND(0.0000015)	NA	ND(0.0000013)	ND(0.00000098)	NA
TCDDs (total)		ND(0.0000025)	NA	ND(0.0000016)	ND(0.0000034)	NA
1,2,3,7,8-PeCDD		ND(0.0000016) X	NA	ND(0.0000022)	ND(0.0000010) X	NA
PeCDDs (total)		ND(0.0000047)	NA	0.0000015 QJ	ND(0.0000045)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000031)	NA	ND(0.0000034)	ND(0.0000024)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000028)	NA	ND(0.0000030)	0.0000029 J	NA
1,2,3,7,8,9-HxCDD		ND(0.0000031)	NA	ND(0.0000034)	ND(0.0000030) X	NA
HxCDDs (total)		ND(0.0000030)	NA	ND(0.0000033)	0.0000029	NA
1,2,3,4,6,7,8-HpCDD		0.0000097 J	NA	0.000020 J	0.000038	NA
HpCDDs (total)		0.000017	NA	0.000020	0.000069	NA
OCDD		0.000064	NA	0.00020	0.00038	NA
Total TEQs (WHO TEFs)		0.0000056	NA	0.0000091	0.0000093	NA
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic		8.20	NA	4.90	6.80	NA
Barium		28.0	NA	30.0	35.0	NA
Beryllium		ND(0.50)	NA	ND(0.50)	0.210 B	NA
Cadmium		ND(0.50)	NA	ND(0.50)	0.210 B	NA
Chromium		7.50	NA	5.40	7.20	NA
Cobalt		8.50	NA	8.60	6.90	NA
Copper		20.0	NA	24.0	18.0	NA
Cyanide		0.0440 B	NA	0.0750 B	0.0870 B	NA
Lead		40.0	NA	30.0	110	NA
Mercury		0.0560 B	NA	0.110 B	0.200	NA
Nickel		15.0	NA	13.0	13.0	NA
Selenium		0.900 J	NA	1.30 J	ND(1.00) J	NA
Silver		ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Sulfide		8.80	NA	39.0	7.60	NA
Thallium		ND(1.10)	NA	ND(1.10)	ND(1.20) J	NA
Tin		ND(10.0)	NA	ND(10.0)	ND(10.0)	NA
Vanadium		7.90	NA	13.0	13.0	NA
Zinc		59.0	NA	45.0	76.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-M17 0-1 04/17/03	RAA11-M17 6-8 04/17/03	RAA11-M17 6-10 04/17/03	RAA11-M17 10-12 04/17/03	RAA11-M17 10-15 04/17/03	RAA11-M19 0-1 04/09/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	NA	ND(0.11) J	NA	ND(0.11) J
2-Butanone		ND(0.011)	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)
Acetone		ND(0.022)	ND(0.022)	NA	ND(0.022)	NA	ND(0.023)
Benzene		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Chlorobenzene		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Ethylbenzene		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Methylene Chloride		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Styrene		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Tetrachloroethene		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Toluene		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Xylenes (total)		ND(0.0056)	ND(0.0055)	NA	ND(0.0055)	NA	ND(0.0057)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,2,4-Trichlorobenzene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,2-Dichlorobenzene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,2-Diphenylhydrazine		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,3,5-Trinitrobenzene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,3-Dichlorobenzene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,3-Dinitrobenzene		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
1,4-Dichlorobenzene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
1,4-Naphthoquinone		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
1-Naphthylamine		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
2,3,4,6-Tetrachlorophenol		ND(0.38) J	NA	ND(0.38) J	NA	ND(0.42) J	ND(0.38)
2,4,5-Trichlorophenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(0.38)
2,4,6-Trichlorophenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(0.38)
2,4-Dichlorophenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(0.38)
2,4-Dimethylphenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(0.38)
2,4-Dinitrophenol		ND(1.9)	NA	ND(1.9)	NA	ND(2.2)	ND(1.9) J
2,4-Dinitrotoluene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
2,6-Dichlorophenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(0.38)
2,6-Dinitrotoluene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
2-Acetylaminofluorene		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
2-Chloronaphthalene		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
2-Chlorophenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(0.38)
2-Methylnaphthalene		ND(0.38)	NA	19	NA	ND(0.42) J	ND(0.38)
2-Methylphenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
2-Naphthylamine		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
2-Nitroaniline		ND(1.9)	NA	ND(1.9)	NA	ND(2.2) J	ND(1.9)
2-Nitrophenol		ND(0.76)	NA	ND(0.76)	NA	ND(0.85)	ND(0.77)
2-Picoline		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
3&4-Methylphenol		ND(0.76)	NA	0.18 J	NA	ND(0.85)	ND(0.77)
3,3'-Dichlorobenzidine		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
3,3'-Dimethylbenzidine		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
3-Methylcholanthrene		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
3-Nitroaniline		ND(1.9)	NA	ND(1.9)	NA	ND(2.2) J	ND(1.9)
4,6-Dinitro-2-methylphenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42)	ND(1.9)
4-Aminobiphenyl		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
4-Bromophenyl-phenylether		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
4-Chloro-3-Methylphenol		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
4-Chloroaniline		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
4-Chlorobenzilate		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
4-Chlorophenyl-phenylether		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
4-Nitroaniline		ND(1.9)	NA	ND(1.9)	NA	ND(2.2) J	ND(1.9)
4-Nitrophenol		ND(1.9)	NA	ND(1.9)	NA	ND(2.2) J	ND(1.9) J
4-Nitroquinoline-1-oxide		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
4-Phenylenediamine		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
5-Nitro-o-toluidine		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
7,12-Dimethylbenz(a)anthracene		ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
a,a'-Dimethylphenethylamine		ND(0.76) J	NA	ND(0.76) J	NA	ND(0.85) J	ND(0.77)
Acenaphthene		ND(0.38)	NA	2.2	NA	ND(0.42) J	1.6
Acenaphthylene		0.088 J	NA	3.4	NA	ND(0.42) J	0.53
Acetophenone		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Aniline		ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Anthracene		ND(0.38)	NA	7.1	NA	ND(0.42) J	0.46

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA11-M17 0-1 04/17/03	RAA11-M17 6-8 04/17/03	RAA11-M17 6-10 04/17/03	RAA11-M17 10-12 04/17/03	RAA11-M17 10-15 04/17/03	RAA11-M19 0-1 04/09/03
Semivolatile Organics (continued)						
Aramite	ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
Benzidine	ND(0.76) J	NA	ND(0.76) J	NA	ND(0.85) J	ND(0.77)
Benzo(a)anthracene	0.22 J	NA	7.0	NA	ND(0.42) J	1.8
Benzo(a)pyrene	0.29 J	NA	6.0	NA	0.11 J	1.6
Benzo(b)fluoranthene	0.33 J	NA	6.6	NA	ND(0.42) J	2.0
Benzo(g,h,i)perylene	0.25 J	NA	3.0	NA	0.097 J	1.2
Benzo(k)fluoranthene	0.12 J	NA	2.7	NA	ND(0.42) J	0.70
Benzyl Alcohol	ND(0.76)	NA	ND(0.76)	NA	ND(0.85)	ND(0.77)
bis(2-Chloroethoxy)methane	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
bis(2-Chloroethyl)ether	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
bis(2-Chloroisopropyl)ether	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Butylbenzylphthalate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Chrysene	0.26 J	NA	6.2	NA	ND(0.42) J	1.2
Diallate	ND(0.76)	NA	ND(0.76)	NA	ND(0.42) J	ND(0.77)
Dibenzo(a,h)anthracene	ND(0.38)	NA	0.76	NA	ND(0.42) J	0.22 J
Dibenzofuran	ND(0.38)	NA	3.0	NA	ND(0.85) J	ND(0.38)
Diethylphthalate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Dimethylphthalate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Di-n-Butylphthalate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Di-n-Octylphthalate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Diphenylamine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Ethyl Methanesulfonate	ND(0.38) J	NA	ND(0.38) J	NA	ND(0.42) J	ND(0.38)
Fluoranthene	0.29 J	NA	37	NA	0.20 J	2.8
Fluorene	ND(0.38)	NA	16	NA	ND(0.42) J	0.13 J
Hexachlorobenzene	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Hexachlorobutadiene	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.76)
Hexachlorocyclopentadiene	ND(0.38) J	NA	ND(0.38) J	NA	ND(0.42) J	ND(0.38)
Hexachloroethane	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Hexachlorophene	ND(0.76) J	NA	ND(0.76) J	NA	ND(0.85) J	ND(0.77) J
Hexachloropropene	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.18 J	NA	2.4	NA	ND(0.42) J	1.0
Isodrin	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Isophorone	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Isosafrole	ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
Methapyrilene	ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
Methyl Methanesulfonate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Naphthalene	ND(0.38)	NA	23	NA	ND(0.85) J	0.097 J
Nitrobenzene	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
N-Nitrosodiethylamine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
N-Nitrosodimethylamine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.76)	NA	ND(0.76)	NA	ND(0.42) J	ND(0.77) J
N-Nitroso-di-n-propylamine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.76)
N-Nitrosodiphenylamine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
N-Nitrosomethylethylamine	ND(0.76)	NA	ND(0.76)	NA	ND(0.42) J	ND(0.77)
N-Nitrosomorpholine	ND(0.38)	NA	ND(0.38)	NA	ND(0.85) J	ND(0.38)
N-Nitrosopiperidine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
N-Nitrosopyrrolidine	ND(0.76)	NA	ND(0.76)	NA	ND(0.42) J	ND(0.77)
o,o,o-Triethylphosphorothioate	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
o-Toluidine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
Pentachlorobenzene	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Pentachloroethane	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Pentachloronitrobenzene	ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
Pentachlorophenol	ND(1.9)	NA	ND(1.9)	NA	ND(2.2) J	ND(1.9)
Phenacetin	ND(0.76)	NA	ND(0.76)	NA	ND(0.85) J	ND(0.77)
Phenanthrene	0.091 J	NA	64	NA	ND(0.42) J	1.1
Phenol	ND(0.38)	NA	0.23 J	NA	ND(0.42)	ND(0.38)
Pronamide	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Pyrene	0.32 J	NA	40	NA	0.24 J	2.6
Pyridine	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Safrole	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)
Thionazin	ND(0.38)	NA	ND(0.38)	NA	ND(0.42) J	ND(0.38)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-M17 0-1 04/17/03	RAA11-M17 6-8 04/17/03	RAA11-M17 6-10 04/17/03	RAA11-M17 10-12 04/17/03	RAA11-M17 10-15 04/17/03	RAA11-M19 0-1 04/09/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.000053 Y	NA	ND(0.0000047) XQJ	NA	0.000094 Y	0.00023 Y
TCDFs (total)		0.00068	NA	0.000021 QJ	NA	0.0012	0.0021
1,2,3,7,8-PeCDF		0.000042	NA	0.0000029 QJ	NA	0.000020 J	0.00020
2,3,4,7,8-PeCDF		0.00017	NA	0.0000041 QJ	NA	0.00032	0.00031
PeCDFs (total)		0.0016	NA	0.000028 QJ	NA	0.0025 QJ	0.0031 QJ
1,2,3,4,7,8-HxCDF		0.00017	NA	0.0000030 J	NA	0.000087	0.00055
1,2,3,6,7,8-HxCDF		0.000077	NA	0.0000022 J	NA	0.000059	0.00032
1,2,3,7,8,9-HxCDF		0.000041	NA	ND(0.0000027)	NA	ND(0.000023) X	0.000062
2,3,4,6,7,8-HxCDF		0.00019	NA	0.0000029 J	NA	0.00023	0.00018
HxCDFs (total)		0.0022	NA	0.000019	NA	0.0033	0.0031
1,2,3,4,6,7,8-HpCDF		0.00020	NA	0.0000048 J	NA	0.00034	0.00054
1,2,3,4,7,8,9-HpCDF		0.000048	NA	ND(0.0000031)	NA	0.000054	0.00011
HpCDFs (total)		0.00054	NA	0.000010	NA	0.00086	0.00094
OCDF		0.00014	NA	0.0000096 J	NA	0.00028	0.00046
Dioxins							
2,3,7,8-TCDD		0.0000015 J	NA	ND(0.0000015) J	NA	ND(0.0000017) X	0.0000026 J
TCDDs (total)		0.000010	NA	ND(0.0000040) J	NA	0.0000059	0.000032
1,2,3,7,8-PeCDD		ND(0.0000019)	NA	ND(0.0000027) J	NA	ND(0.0000043)	ND(0.000016) X
PeCDDs (total)		0.0000086	NA	ND(0.0000027) J	NA	0.000049	0.000099 QJ
1,2,3,4,7,8-HxCDD		ND(0.0000059)	NA	ND(0.0000027)	NA	0.0000067 J	0.0000075 J
1,2,3,6,7,8-HxCDD		ND(0.0000077)	NA	ND(0.0000027)	NA	ND(0.000011)	0.000018 J
1,2,3,7,8,9-HxCDD		ND(0.0000072)	NA	ND(0.0000027)	NA	ND(0.000010)	0.000013 J
HxCDDs (total)		0.000067	NA	0.0000021	NA	0.000096	0.00021
1,2,3,4,6,7,8-HpCDD		0.000057	NA	0.0000069 J	NA	0.000069	0.000089
HpCDDs (total)		0.00011	NA	0.000013	NA	0.00013	0.00019
OCDD		0.00024	NA	0.000044 J	NA	0.00028	0.00039
Total TEQs (WHO TEFs)		0.00015	NA	0.0000060	NA	0.00022	0.00032
Inorganics							
Antimony		6.10	NA	ND(6.00)	NA	ND(6.00)	1.10 B
Arsenic		6.00	NA	4.40	NA	4.20	7.30
Barium		71.0	NA	25.0	NA	33.0	49.0
Beryllium		0.240 B	NA	0.210 B	NA	0.250 B	0.230 B
Cadmium		ND(0.500)	NA	ND(0.500)	NA	ND(0.500)	0.540 B
Chromium		7.80	NA	5.00	NA	11.0	8.90
Cobalt		6.80	NA	5.10	NA	7.50	8.10
Copper		100	NA	15.0	NA	27.0	340
Cyanide		0.0770 B	NA	ND(0.570)	NA	0.0900 B	0.0750 B
Lead		250	NA	84.0	NA	30.0	100
Mercury		0.480	NA	0.0800 B	NA	0.130	0.220
Nickel		14.0	NA	9.80	NA	12.0	14.0
Selenium		ND(1.00) J	NA	ND(1.00) J	NA	ND(1.00) J	ND(1.00) J
Silver		ND(1.00)	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide		70.0	NA	56.0	NA	28.0	490
Thallium		ND(1.10) J	NA	ND(1.10) J	NA	ND(1.30) J	ND(1.10) J
Tin		35.0	NA	ND(10.0)	NA	ND(10.0)	ND(10.0)
Vanadium		8.20	NA	7.60	NA	8.60	9.00
Zinc		190	NA	73.0	NA	61.0	110

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA11-M21 0-1 04/03/03	RAA11-N14 0-1 04/21/03	RAA11-O9 0-1 04/18/03	RAA11-O11 0-1 04/18/03	RAA11-O12 1-3 04/18/03
Volatile Organics					
1,4-Dioxane	ND(0.11) J	ND(0.12)	ND(0.11) J	ND(0.11) J	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.011)	ND(0.011)
Acetone	ND(0.022)	ND(0.024)	ND(0.022)	ND(0.022)	ND(0.022)
Benzene	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Chlorobenzene	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Ethylbenzene	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Methylene Chloride	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Styrene	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Tetrachloroethene	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Toluene	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Xylenes (total)	ND(0.0056)	ND(0.0060)	ND(0.0056)	ND(0.0055)	ND(0.0055)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.40) J	ND(0.38)	ND(0.36)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
1,2-Dichlorobenzene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
1,2-Diphenylhydrazine	ND(0.37) J	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
1,3,5-Trinitrobenzene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
1,3-Dichlorobenzene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
1,3-Dinitrobenzene	ND(0.75) J	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
1,4-Dichlorobenzene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
1,4-Naphthoquinone	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
1-Naphthylamine	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.40) J	ND(0.38)	ND(0.36)	ND(0.37)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2,4-Dichlorophenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2,4-Dimethylphenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2,4-Dinitrophenol	ND(1.9) J	ND(2.0) J	ND(1.9) J	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2,6-Dichlorophenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2,6-Dinitrotoluene	ND(0.37) J	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2-Acetylaminofluorene	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
2-Chloronaphthalene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2-Chlorophenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2-Methylnaphthalene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2-Methylphenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
2-Naphthylamine	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
2-Nitroaniline	ND(1.9) J	ND(2.0)	ND(1.9)	ND(1.8)	ND(1.9)
2-Nitrophenol	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
2-Picoline	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
3&4-Methylphenol	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74) J
3,3'-Dichlorobenzidine	ND(0.75) J	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
3,3'-Dimethylbenzidine	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37) J
3-Methylcholanthrene	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
3-Nitroaniline	ND(1.9) J	ND(2.0)	ND(1.9)	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol	ND(0.37) J	ND(0.40)	ND(0.38) J	ND(0.36) J	ND(0.37) J
4-Aminobiphenyl	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
4-Chloroaniline	ND(0.37) J	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
4-Chlorobenzilate	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
4-Nitroaniline	ND(1.9) J	ND(2.0)	ND(1.9)	ND(1.8)	ND(1.9)
4-Nitrophenol	ND(1.9) J	ND(2.0) J	ND(1.9)	ND(1.8)	ND(1.9)
4-Nitroquinoline-1-oxide	ND(0.75)	ND(0.80) J	ND(0.76)	ND(0.73)	ND(0.74) J
4-Phenylenediamine	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
5-Nitro-o-toluidine	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
a,a'-Dimethylphenethylamine	ND(0.75) J	ND(0.80) J	ND(0.76) J	ND(0.73) J	ND(0.74)
Acenaphthene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	0.87
Acenaphthylene	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Acetophenone	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Aniline	ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Anthracene	ND(0.37)	ND(0.40)	0.079 J	ND(0.36)	ND(0.37)

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-M21 0-1 04/03/03	RAA11-N14 0-1 04/21/03	RAA11-O9 0-1 04/18/03	RAA11-O11 0-1 04/18/03	RAA11-O12 1-3 04/18/03
Semivolatile Organics (continued)						
Aramite		ND(0.75)	ND(0.80) J	ND(0.76)	ND(0.73)	ND(0.74)
Benzidine		ND(0.75)	ND(0.80) J	ND(0.76)	ND(0.73)	ND(0.74) J
Benzo(a)anthracene		ND(0.37)	ND(0.40)	0.18 J	ND(0.36)	0.98
Benzo(a)pyrene		0.077 J	ND(0.40)	0.19 J	ND(0.36)	0.74
Benzo(b)fluoranthene		0.092 J	0.40	0.23 J	ND(0.36)	0.89
Benzo(g,h,i)perylene		ND(0.37)	ND(0.40)	0.14 J	ND(0.36)	ND(0.37)
Benzo(k)fluoranthene		ND(0.37)	ND(0.40)	0.13 J	ND(0.36)	ND(0.37)
Benzyl Alcohol		ND(0.75) J	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74) J
bis(2-Chloroethoxy)methane		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
bis(2-Chloroethyl)ether		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
bis(2-Chloroisopropyl)ether		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
bis(2-Ethylhexyl)phthalate		ND(0.37) J	ND(0.39)	ND(0.37)	ND(0.36)	ND(0.36)
Butylbenzylphthalate		ND(0.37) J	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Chrysene		0.079 J	ND(0.40)	0.20 J	ND(0.36)	0.67
Diallate		ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
Dibenzo(a,h)anthracene		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Dibenzofuran		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Diethylphthalate		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Dimethylphthalate		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Di-n-Butylphthalate		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Di-n-Octylphthalate		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Diphenylamine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Ethyl Methanesulfonate		ND(0.37)	ND(0.40) J	ND(0.38)	ND(0.36)	ND(0.37) J
Fluoranthene		0.11 J	0.46	0.39	ND(0.36)	2.1
Fluorene		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Hexachlorobenzene		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Hexachlorobutadiene		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Hexachlorocyclopentadiene		ND(0.37)	ND(0.40) J	ND(0.38) J	ND(0.36) J	ND(0.37) J
Hexachloroethane		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Hexachlorophene		ND(0.75) J	ND(0.80) J	ND(0.76) J	ND(0.73) J	ND(0.74) J
Hexachloropropene		ND(0.37) J	ND(0.40) J	ND(0.38)	ND(0.36)	ND(0.37) J
Indeno(1,2,3-cd)pyrene		ND(0.37)	0.19 J	0.11 J	ND(0.36)	ND(0.37)
Isodrin		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Isophorone		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Isosafrole		ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
Methapyrilene		ND(0.75) J	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
Methyl Methanesulfonate		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Naphthalene		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Nitrobenzene		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitrosodiethylamine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitrosodimethylamine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitroso-di-n-butylamine		ND(0.75) J	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74) J
N-Nitroso-di-n-propylamine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitrosodiphenylamine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitrosomethylethylamine		ND(0.75)	ND(0.80) J	ND(0.76) J	ND(0.73) J	ND(0.74)
N-Nitrosomorpholine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitrosopiperidine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
N-Nitrosopyrrolidine		ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
o,o,o-Triethylphosphorothioate		ND(0.37) J	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
o-Toluidine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
p-Dimethylaminoazobenzene		ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
Pentachlorobenzene		ND(0.37) J	ND(0.40) J	ND(0.38) J	ND(0.36) J	ND(0.37)
Pentachloroethane		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Pentachloronitrobenzene		ND(0.75)	ND(0.80) J	ND(0.76)	ND(0.73)	ND(0.74)
Pentachlorophenol		ND(1.9)	ND(2.0)	ND(1.9)	ND(1.8)	ND(1.9)
Phenacetin		ND(0.75)	ND(0.80)	ND(0.76)	ND(0.73)	ND(0.74)
Phenanthrene		ND(0.37)	0.22 J	0.29 J	ND(0.36)	1.1
Phenol		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Pronamide		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Pyrene		ND(0.37)	0.46	0.38	ND(0.36)	1.5
Pyridine		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Safrole		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)
Thionazin		ND(0.37)	ND(0.40)	ND(0.38)	ND(0.36)	ND(0.37)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-M21 0-1 04/03/03	RAA11-N14 0-1 04/21/03	RAA11-O9 0-1 04/18/03	RAA11-O11 0-1 04/18/03	RAA11-O12 1-3 04/18/03
Organochlorine Pesticides						
Aldrin		NA	NA	ND(0.0080) [ND(0.0080)]	NA	NA
Alpha-Chlordane		NA	NA	ND(0.0080) [ND(0.0080)]	NA	NA
Technical Chlordane		NA	NA	ND(0.094) [ND(0.093)]	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	--	NA	NA
Herbicides						
None Detected		NA	NA	--	NA	NA
Furans						
2,3,7,8-TCDF		0.0000041 J	ND(0.0000070) X	ND(0.0000024) X	ND(0.0000010) X	0.0000017 J
TCDFs (total)		0.000038	0.00013 I	ND(0.0000091)	ND(0.00000086)	ND(0.0000093)
1,2,3,7,8-PeCDF		ND(0.0000027)	0.000056	ND(0.0000020)	ND(0.0000026) X	ND(0.0000020)
2,3,4,7,8-PeCDF		0.000019 J	0.0000089 J	ND(0.0000031) X	ND(0.0000017)	ND(0.0000036)
PeCDFs (total)		0.00018	0.00027 I	0.000034 QJ	0.0000065	ND(0.000030)
1,2,3,4,7,8-HxCDF		ND(0.0000027)	0.000030	0.0000068 J	ND(0.0000017)	ND(0.0000027)
1,2,3,6,7,8-HxCDF		0.0000051 J	ND(0.0000042)	ND(0.0000024)	ND(0.0000017)	ND(0.0000024)
1,2,3,7,8,9-HxCDF		ND(0.0000027)	0.0000011 J	ND(0.0000032)	ND(0.0000017)	ND(0.0000032)
2,3,4,6,7,8-HxCDF		ND(0.000011) X	0.0000081 J	0.0000023 J	ND(0.0000017)	0.0000025 J
HxCDFs (total)		0.00013	0.00014	0.000034	0.0000050	ND(0.000021)
1,2,3,4,6,7,8-HpCDF		ND(0.0000089) X	0.000014 J	ND(0.000016)	ND(0.0000018) X	ND(0.0000070)
1,2,3,4,7,8,9-HpCDF		ND(0.0000027)	ND(0.0000029)	ND(0.0000021)	ND(0.0000017)	ND(0.0000020)
HpCDFs (total)		0.000012	0.000037	ND(0.000016)	0.0000022	ND(0.0000070)
OCDF		0.0000056 J	0.000022 J	ND(0.000012) X	ND(0.0000041)	0.0000088 J
Dioxins						
2,3,7,8-TCDD		ND(0.0000021)	ND(0.0000010)	ND(0.0000010)	ND(0.00000068)	ND(0.00000093)
TCDDs (total)		ND(0.0000021)	ND(0.0000034)	ND(0.0000019)	ND(0.0000019)	ND(0.0000022)
1,2,3,7,8-PeCDD		ND(0.0000014) X	ND(0.0000025)	ND(0.0000033)	ND(0.0000017)	ND(0.0000020)
PeCDDs (total)		ND(0.0000028)	0.0000051	ND(0.0000033)	ND(0.0000029)	ND(0.0000040)
1,2,3,4,7,8-HxCDD		ND(0.0000028)	ND(0.0000025)	ND(0.0000028)	ND(0.0000018)	ND(0.0000028)
1,2,3,6,7,8-HxCDD		ND(0.0000028)	0.0000020 J	ND(0.0000025)	ND(0.0000017)	ND(0.0000024)
1,2,3,7,8,9-HxCDD		ND(0.0000028)	0.0000013 J	ND(0.0000027)	ND(0.0000018)	ND(0.0000027)
HxCDDs (total)		0.0000019	0.000014	ND(0.0000026)	0.0000042	ND(0.0000034)
1,2,3,4,6,7,8-HpCDD		ND(0.0000093) X	0.000023 J	ND(0.0000081)	0.0000028 J	ND(0.0000062)
HpCDDs (total)		0.0000066	0.000041	ND(0.000017)	0.0000055	ND(0.0000062)
OCDD		0.000047 J	0.00016	ND(0.000053)	0.000019 J	ND(0.000048)
Total TEQs (WHO TEFs)		0.000014	0.000014	0.0000048	0.0000024	0.0000037
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.30	5.90	5.60	2.90	3.90
Barium		15.0 B	33.0	22.0	20.0 B	29.0
Beryllium		0.120 B	0.220 B	0.210 B	0.190 B	0.220 B
Cadmium		0.620	0.530	ND(0.500)	ND(0.500)	ND(0.500)
Chromium		6.80	7.00	8.00	5.80	5.80
Cobalt		7.40	7.20	8.00	5.80	6.20
Copper		20.0	20.0	23.0	13.0	20.0
Cyanide		0.0460 B	0.0500 B	0.0410 B	ND(0.220)	ND(0.550)
Lead		22.0	64.0	27.0	28.0	42.0
Mercury		0.0680 B	0.110 B	0.0280 B	ND(0.110)	0.0780 B
Nickel		12.0	13.0	14.0	12.0	11.0
Selenium		ND(1.00) J	0.640 B	ND(1.00) J	ND(1.00) J	ND(1.00) J
Silver		ND(1.00)	0.220 B	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		28.0 J	ND(6.00)	7.20	10.0	8.80
Thallium		ND(1.10) J	ND(1.20) J	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin		ND(10.0)	ND(10.0)	ND(10.0)	9.00 B	ND(10.0)
Vanadium		4.50 B	7.70	7.80	5.70	6.50
Zinc		57.0	66.0	63.0	40.0	59.0

TABLE 2
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PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-O12 3-6 04/18/03	RAA11-O12 4-6 04/18/03	RAA11-O13 0-1 04/17/03	RAA11-O15 0-1 04/22/03	RAA11-O17 0-1 04/22/03
Volatile Organics						
1,4-Dioxane		NA	ND(0.11) J	ND(0.11) J [ND(0.11) J]	ND(0.11) J	ND(0.11) J
2-Butanone		NA	ND(0.011)	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.011)
Acetone		NA	ND(0.023)	ND(0.023) [ND(0.023)]	ND(0.022) J	ND(0.023)
Benzene		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Chlorobenzene		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Ethylbenzene		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Methylene Chloride		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Styrene		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Tetrachloroethene		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Toluene		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Xylenes (total)		NA	ND(0.0057)	ND(0.0057) [ND(0.0056)]	ND(0.0056)	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8) J	ND(0.38) J
1,2,4-Trichlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
1,2-Dichlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
1,2-Diphenylhydrazine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
1,3,5-Trinitrobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
1,3-Dichlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
1,3-Dinitrobenzene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
1,4-Dichlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
1,4-Naphthoquinone		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
1-Naphthylamine		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
2,3,4,6-Tetrachlorophenol		ND(0.67) J	NA	ND(0.38) J [ND(0.38) J]	ND(3.8) J	ND(0.38) J
2,4,5-Trichlorophenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2,4,6-Trichlorophenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2,4-Dichlorophenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2,4-Dimethylphenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2,4-Dinitrophenol		ND(3.3) J	NA	ND(1.9) [ND(1.9)]	ND(19)	ND(2.0)
2,4-Dinitrotoluene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2,6-Dichlorophenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2,6-Dinitrotoluene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2-Acetylaminofluorene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
2-Chloronaphthalene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2-Chlorophenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2-Methylnaphthalene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	1.5 J	ND(0.38)
2-Methylphenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
2-Naphthylamine		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
2-Nitroaniline		ND(3.3) J	NA	ND(1.9) [ND(1.9)]	ND(19)	ND(2.0)
2-Nitrophenol		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
2-Picoline		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
3&4-Methylphenol		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
3,3'-Dichlorobenzidine		ND(1.3) J	NA	ND(0.76) [ND(0.76)]	ND(7.5)	ND(0.77)
3,3'-Dimethylbenzidine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
3-Methylcholanthrene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
3-Nitroaniline		ND(3.3) J	NA	ND(1.9) [ND(1.9)]	ND(19)	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
4-Aminobiphenyl		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
4-Bromophenyl-phenylether		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
4-Chloro-3-Methylphenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
4-Chloroaniline		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
4-Chlorobenzilate		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
4-Chlorophenyl-phenylether		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
4-Nitroaniline		ND(1.9) J	NA	ND(1.9) [ND(1.9)]	ND(3.8)	ND(2.0)
4-Nitrophenol		ND(3.3) J	NA	ND(1.9) [ND(1.9)]	ND(19)	ND(2.0)
4-Nitroquinoline-1-oxide		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8) J	ND(0.77) J
4-Phenylenediamine		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
5-Nitro-o-toluidine		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
7,12-Dimethylbenz(a)anthracene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
a,a'-Dimethylphenethylamine		ND(0.75) J	NA	ND(0.76) J [ND(0.76) J]	ND(3.8) J	ND(0.77) J
Acenaphthene		ND(0.67) J	NA	0.15 J [ND(0.38)]	1.6 J	ND(0.38)
Acenaphthylene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	3.2 J	0.27 J
Acetophenone		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Aniline		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Anthracene		0.32 J	NA	ND(0.38) [0.13 J]	6.5	0.24 J

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-O12 3-6 04/18/03	RAA11-O12 4-6 04/18/03	RAA11-O13 0-1 04/17/03	RAA11-O15 0-1 04/22/03	RAA11-O17 0-1 04/22/03
Semivolatile Organics (continued)						
Aramite		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8) J	ND(0.77) J
Benzidine		ND(1.3) J	NA	ND(0.76) J [ND(0.76) J]	ND(7.5) J	ND(0.77) J
Benzo(a)anthracene		0.61 J	NA	0.18 J [0.29 J]	13	0.84
Benzo(a)pyrene		0.56 J	NA	0.18 J [0.22 J]	12	0.82
Benzo(b)fluoranthene		0.74 J	NA	0.25 J [0.28 J]	15	1.0
Benzo(g,h,i)perylene		0.36 J	NA	0.13 J [0.16 J]	6.6	0.52
Benzo(k)fluoranthene		0.31 J	NA	0.10 J [0.13 J]	4.9	0.41
Benzyl Alcohol		ND(1.3) J	NA	ND(0.76) [ND(0.76)]	ND(7.5)	ND(0.77)
bis(2-Chloroethoxy)methane		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
bis(2-Chloroethyl)ether		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
bis(2-Chloroisopropyl)ether		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
bis(2-Ethylhexyl)phthalate		ND(0.37) J	NA	ND(0.37) [ND(0.37)]	ND(1.9)	ND(0.38)
Butylbenzylphthalate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Chrysene		0.60 J	NA	0.38 [0.26 J]	13	0.79
Diallate		ND(0.67) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
Dibenzo(a,h)anthracene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	2.0 J	0.13 J
Dibenzofuran		ND(0.75) J	NA	ND(0.38) [ND(0.38)]	1.4 J	ND(0.38)
Diethylphthalate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Dimethylphthalate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Di-n-Butylphthalate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Di-n-Octylphthalate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Diphenylamine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Ethyl Methanesulfonate		ND(0.67) J	NA	ND(0.38) J [ND(0.38) J]	ND(3.8) J	ND(0.38) J
Fluoranthene		1.3 J	NA	0.33 J [0.84]	32	1.8
Fluorene		0.14 J	NA	ND(0.38) [ND(0.38)]	4.1	ND(0.38)
Hexachlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Hexachlorobutadiene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Hexachlorocyclopentadiene		ND(0.67) J	NA	ND(0.38) J [ND(0.38) J]	ND(3.8)	ND(0.38)
Hexachloroethane		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Hexachlorophene		ND(1.3) J	NA	ND(0.76) J [ND(0.76) J]	ND(7.5) J	ND(0.77) J
Hexachloropropene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene		0.31 J	NA	0.11 J [0.13 J]	5.6	0.45
Isodrin		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Isophorone		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Isosafrole		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
Methapyrilene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
Methyl Methanesulfonate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Naphthalene		ND(0.75) J	NA	0.082 J [ND(0.38)]	1.1 J	ND(0.38)
Nitrobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitrosodiethylamine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitrosodimethylamine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitroso-di-n-butylamine		ND(0.67) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
N-Nitroso-di-n-propylamine		ND(0.75) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitrosodiphenylamine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitrosomethylethylamine		ND(0.67) J	NA	ND(0.76) [ND(0.76)]	ND(3.8) J	ND(0.77) J
N-Nitrosomorpholine		ND(0.75) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitrosopiperidine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
N-Nitrosopyrrolidine		ND(0.67) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
o,o,o-Triethylphosphorothioate		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
o-Toluidine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
p-Dimethylaminoazobenzene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
Pentachlorobenzene		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8) J	ND(0.38) J
Pentachloroethane		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Pentachloronitrobenzene		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8) J	ND(0.77) J
Pentachlorophenol		ND(3.3) J	NA	ND(1.9) [ND(1.9)]	ND(19)	ND(2.0)
Phenacetin		ND(0.75) J	NA	ND(0.76) [ND(0.76)]	ND(3.8)	ND(0.77)
Phenanthrene		1.1 J	NA	0.12 J [0.52]	24	0.76
Phenol		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Pronamide		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Pyrene		1.1 J	NA	0.30 J [0.80]	28	1.7
Pyridine		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Safrole		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)
Thionazin		ND(0.67) J	NA	ND(0.38) [ND(0.38)]	ND(3.8)	ND(0.38)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-O12 3-6 04/18/03	RAA11-O12 4-6 04/18/03	RAA11-O13 0-1 04/17/03	RAA11-O15 0-1 04/22/03	RAA11-O17 0-1 04/22/03
Organochlorine Pesticides						
Aldrin		NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		ND(0.0000088)	NA	ND(0.0000018) [ND(0.0000018)]	0.0000019 J	0.000011 Y
TCDFs (total)		0.0000059	NA	0.000014 [0.0000096]	0.0000043 QJ	0.000071
1,2,3,7,8-PeCDF		ND(0.00000070) X	NA	ND(0.0000073) [ND(0.00000079)]	ND(0.0000023)	ND(0.0000060) X
2,3,4,7,8-PeCDF		ND(0.0000025)	NA	ND(0.0000017) [ND(0.0000016) X]	0.0000044 J	0.0000090 J
PeCDFs (total)		0.000017	NA	0.000031 [0.000023]	0.000025 QJ	0.000070 QJ
1,2,3,4,7,8-HxCDF		ND(0.0000024)	NA	0.0000031 J [0.0000022 J]	0.0000017 J	0.0000083 J
1,2,3,6,7,8-HxCDF		0.0000012 J	NA	ND(0.0000012) [ND(0.0000014)]	ND(0.0000018) X	0.0000053 J
1,2,3,7,8,9-HxCDF		ND(0.0000024)	NA	ND(0.0000012) [ND(0.0000014)]	ND(0.0000027)	ND(0.000012)
2,3,4,6,7,8-HxCDF		0.0000018 J	NA	0.0000012 J [0.0000011 J]	ND(0.0000027) X	ND(0.0000056) X
HxCDFs (total)		0.000026	NA	0.000017 [0.000015]	0.000036 I	0.000066
1,2,3,4,6,7,8-HpCDF		ND(0.0000022)	NA	ND(0.0000023) [ND(0.0000030)]	0.0000039 J	0.000020 J
1,2,3,4,7,8,9-HpCDF		ND(0.0000024)	NA	ND(0.0000012) [ND(0.0000019)]	ND(0.0000023)	ND(0.0000041) X
HpCDFs (total)		0.000032	NA	0.0000023 [ND(0.0000030)]	0.0000083	0.000043
OCDF		ND(0.000039)	NA	ND(0.0000031) [ND(0.0000042) X]	0.0000054 J	0.000037 J
Dioxins						
2,3,7,8-TCDD		ND(0.00000094)	NA	ND(0.00000048) [ND(0.00000072)]	ND(0.0000012)	ND(0.0000012)
TCDDs (total)		ND(0.0000030)	NA	ND(0.0000016) [ND(0.0000014)]	ND(0.0000020)	ND(0.0000034)
1,2,3,7,8-PeCDD		ND(0.0000024)	NA	ND(0.0000012) [ND(0.0000014)]	ND(0.0000023)	ND(0.0000029)
PeCDDs (total)		ND(0.0000044)	NA	ND(0.0000021) QJ [ND(0.0000014)]	ND(0.0000023)	0.0000013
1,2,3,4,7,8-HxCDD		ND(0.0000024)	NA	ND(0.0000012) [ND(0.0000019)]	ND(0.0000028)	ND(0.0000025) X
1,2,3,6,7,8-HxCDD		0.0000013 J	NA	ND(0.0000012) [ND(0.0000017)]	ND(0.0000025)	ND(0.0000022) X
1,2,3,7,8,9-HxCDD		ND(0.0000024)	NA	ND(0.0000012) [ND(0.0000019)]	ND(0.0000028)	ND(0.0000029)
HxCDDs (total)		0.0000046	NA	ND(0.00000087) [ND(0.0000026)]	ND(0.0000041)	0.0000057
1,2,3,4,6,7,8-HpCDD		ND(0.000023)	NA	ND(0.0000036) [ND(0.0000044)]	ND(0.0000044) X	0.000030
HpCDDs (total)		0.000041	NA	ND(0.0000036) [ND(0.0000082)]	0.0000036	0.000057
OCDD		0.00023	NA	ND(0.000029) [ND(0.000032)]	0.000020 J	0.00033
Total TEQs (WHO TEFs)		0.0000038	NA	0.0000023 [0.0000024]	0.0000052	0.000011
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00) [ND(6.00)]	ND(6.00)	ND(6.00)
Arsenic		3.70	NA	4.10 [4.10]	5.20	3.70
Barium		30.0	NA	16.0 B [21.0]	20.0 B	26.0
Beryllium		0.240 B	NA	0.280 B [0.230 B]	0.270 B	0.180 B
Cadmium		ND(0.500)	NA	ND(0.500) [ND(0.500)]	0.360 B	0.380 B
Chromium		5.60	NA	5.70 [5.20]	5.50	4.90
Cobalt		6.90	NA	6.40 [7.90]	8.10	5.30
Copper		23.0	NA	17.0 [14.0]	18.0	27.0
Cyanide		ND(0.560)	NA	0.0230 B [0.0260 B]	0.0520 B	0.0680 B
Lead		18.0	NA	12.0 [12.0]	23.0	54.0
Mercury		0.0580 B	NA	0.0600 B [0.0340 B]	ND(0.110)	0.270
Nickel		12.0	NA	12.0 [10.0]	14.0	9.00
Selenium		ND(1.00) J	NA	ND(1.00) J [ND(1.00) J]	ND(1.00)	0.590 B
Silver		ND(1.00)	NA	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)
Sulfide		21.0	NA	ND(5.70) [ND(5.60)]	18.0	21.0
Thallium		ND(1.10) J	NA	ND(1.10) J [ND(1.10) J]	ND(1.10)	ND(1.10)
Tin		ND(10.0)	NA	ND(10.0) [ND(10.0)]	ND(10.0)	ND(10.0)
Vanadium		6.60	NA	5.80 [5.10]	7.20	4.60 B
Zinc		46.0	NA	40.0 [33.0]	43.0	53.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-O19 0-1 04/22/03	RAA11-O19 1-3 04/22/03	RAA11-O19 3-6 04/22/03	RAA11-O19 4-6 04/22/03	RAA11-O19 10-12 04/22/03	RAA11-O19 10-15 04/22/03
Volatile Organics							
1,4-Dioxane		ND(0.12) J	ND(0.12) J	NA	ND(0.12) J	ND(0.11) J	NA
2-Butanone		ND(0.012)	0.021	NA	ND(0.012)	ND(0.011)	NA
Acetone		ND(0.024)	0.048	NA	0.0078 J	ND(0.022)	NA
Benzene		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Chlorobenzene		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Ethylbenzene		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Methylene Chloride		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Styrene		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Tetrachloroethene		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Toluene		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Xylenes (total)		ND(0.0059)	ND(0.0059)	NA	ND(0.0060)	ND(0.0055)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.39) J	ND(0.39) J	ND(0.37) J	NA	NA	ND(0.39) J
1,2,4-Trichlorobenzene		0.89	0.33 J	ND(0.37)	NA	NA	ND(0.39)
1,2-Dichlorobenzene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
1,2-Diphenylhydrazine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
1,3,5-Trinitrobenzene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
1,3-Dichlorobenzene		ND(0.39)	0.15 J	ND(0.37)	NA	NA	ND(0.39)
1,3-Dinitrobenzene		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
1,4-Dichlorobenzene		0.30 J	0.38 J	ND(0.37)	NA	NA	ND(0.39)
1,4-Naphthoquinone		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
1-Naphthylamine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
2,3,4,6-Tetrachlorophenol		ND(0.39) J	ND(0.39) J	ND(0.37) J	NA	NA	ND(0.39) J
2,4,5-Trichlorophenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2,4,6-Trichlorophenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2,4-Dichlorophenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2,4-Dimethylphenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2,4-Dinitrophenol		ND(2.0)	ND(2.0)	ND(1.9)	NA	NA	ND(2.0)
2,4-Dinitrotoluene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2,6-Dichlorophenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2,6-Dinitrotoluene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2-Acetylaminofluorene		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
2-Chloronaphthalene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2-Chlorophenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2-Methylnaphthalene		0.10 J	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
2-Methylphenol		0.24 J	0.10 J	ND(0.37)	NA	NA	ND(0.39)
2-Naphthylamine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
2-Nitroaniline		ND(2.0)	ND(2.0)	ND(1.9)	NA	NA	ND(2.0)
2-Nitrophenol		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
2-Picoline		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
3&4-Methylphenol		0.26 J	0.12 J	ND(0.75)	NA	NA	ND(0.79)
3,3'-Dichlorobenzidine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
3,3'-Dimethylbenzidine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
3-Methylcholanthrene		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
3-Nitroaniline		ND(2.0)	ND(2.0)	ND(1.9)	NA	NA	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
4-Aminobiphenyl		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
4-Bromophenyl-phenylether		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
4-Chloro-3-Methylphenol		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
4-Chloroaniline		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
4-Chlorobenzilate		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
4-Chlorophenyl-phenylether		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
4-Nitroaniline		ND(2.0)	ND(2.0)	ND(1.9)	NA	NA	ND(2.0)
4-Nitrophenol		ND(2.0)	ND(2.0)	ND(1.9)	NA	NA	ND(2.0)
4-Nitroquinoline-1-oxide		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
4-Phenylenediamine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
5-Nitro-o-toluidine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
7,12-Dimethylbenz(a)anthracene		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
a,a'-Dimethylphenethylamine		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
Acenaphthene		0.32 J	0.28 J	ND(0.37)	NA	NA	ND(0.39)
Acenaphthylene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Acetophenone		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Aniline		4.3	0.63	ND(0.37)	NA	NA	ND(0.39)
Anthracene		0.74	0.12 J	ND(0.37)	NA	NA	ND(0.39)

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

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Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-O19 0-1 04/22/03	RAA11-O19 1-3 04/22/03	RAA11-O19 3-6 04/22/03	RAA11-O19 4-6 04/22/03	RAA11-O19 10-12 04/22/03	RAA11-O19 10-15 04/22/03
Semivolatile Organics (continued)							
Aramite		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
Benzidine		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
Benzo(a)anthracene		1.3	0.30 J	ND(0.37)	NA	NA	ND(0.39)
Benzo(a)pyrene		1.0	0.29 J	ND(0.37)	NA	NA	ND(0.39)
Benzo(b)fluoranthene		1.3	0.33 J	ND(0.37)	NA	NA	ND(0.39)
Benzo(g,h,i)perylene		0.68	0.23 J	ND(0.37)	NA	NA	ND(0.39)
Benzo(k)fluoranthene		0.56	0.13 J	ND(0.37)	NA	NA	ND(0.39)
Benzyl Alcohol		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
bis(2-Chloroethoxy)methane		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
bis(2-Chloroethyl)ether		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
bis(2-Chloroisopropyl)ether		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Butylbenzylphthalate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Chrysene		1.1	0.24 J	ND(0.37)	NA	NA	ND(0.39)
Diallate		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
Dibenzo(a,h)anthracene		0.18 J	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Dibenzofuran		0.22 J	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Diethylphthalate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Dimethylphthalate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Di-n-Butylphthalate		1.1	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Di-n-Octylphthalate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Diphenylamine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Ethyl Methanesulfonate		ND(0.39) J	ND(0.39) J	ND(0.37) J	NA	NA	ND(0.39) J
Fluoranthene		2.5	0.49	ND(0.37)	NA	NA	ND(0.39)
Fluorene		0.37 J	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Hexachlorobenzene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Hexachlorobutadiene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Hexachlorocyclopentadiene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Hexachloroethane		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Hexachlorophene		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
Hexachloropropene		ND(0.39) J	ND(0.39) J	ND(0.37) J	NA	NA	ND(0.39) J
Indeno(1,2,3-cd)pyrene		0.54	0.17 J	ND(0.37)	NA	NA	ND(0.39)
Isodrin		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Isophorone		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Isosafrole		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
Methapyrilene		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
Methyl Methanesulfonate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Naphthalene		0.16 J	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Nitrobenzene		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitrosodiethylamine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitrosodimethylamine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitroso-di-n-butylamine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
N-Nitroso-di-n-propylamine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitrosodiphenylamine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitrosomethylethylamine		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
N-Nitrosomorpholine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitrosopiperidine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
N-Nitrosopyrrolidine		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
o,o,o-Triethylphosphorothioate		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
o-Toluidine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
p-Dimethylaminoazobenzene		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
Pentachlorobenzene		0.74 J	0.24 J	ND(0.37) J	NA	NA	ND(0.39) J
Pentachloroethane		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Pentachloronitrobenzene		ND(0.79) J	ND(0.79) J	ND(0.75) J	NA	NA	ND(0.79) J
Pentachlorophenol		ND(2.0)	ND(2.0)	ND(1.9)	NA	NA	ND(2.0)
Phenacetin		ND(0.79)	ND(0.79)	ND(0.75)	NA	NA	ND(0.79)
Phenanthrene		2.3	0.36 J	ND(0.37)	NA	NA	ND(0.39)
Phenol		1.5	0.86	0.14 J	NA	NA	ND(0.39)
Pronamide		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Pyrene		2.3	0.48	ND(0.37)	NA	NA	ND(0.39)
Pyridine		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Safrole		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)
Thionazin		ND(0.39)	ND(0.39)	ND(0.37)	NA	NA	ND(0.39)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-O19 0-1 04/22/03	RAA11-O19 1-3 04/22/03	RAA11-O19 3-6 04/22/03	RAA11-O19 4-6 04/22/03	RAA11-O19 10-12 04/22/03	RAA11-O19 10-15 04/22/03
Organochlorine Pesticides							
Aldrin		ND(0.0080)	NA	NA	NA	NA	NA
Alpha-Chlordane		ND(0.0080)	NA	NA	NA	NA	NA
Technical Chlordane		ND(0.098)	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		--	NA	NA	NA	NA	NA
Herbicides							
None Detected		--	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.00030 Y	0.00018 Y	0.0000017 Y	NA	NA	ND(0.00000018) X
TCDFs (total)		0.0032	0.0020	0.000021	NA	NA	ND(0.00000022)
1,2,3,7,8-PeCDF		0.00016	0.00016	0.00000063 J	NA	NA	ND(0.000000093) X
2,3,4,7,8-PeCDF		0.00045	0.00021	0.0000033	NA	NA	0.00000011 J
PeCDFs (total)		0.0050	0.0029	0.000035 I	NA	NA	0.00000076
1,2,3,4,7,8-HxCDF		0.00081	0.00041	0.0000015 J	NA	NA	ND(0.000000074) X
1,2,3,6,7,8-HxCDF		0.00031	0.00015	0.0000012 J	NA	NA	0.00000010 J
1,2,3,7,8,9-HxCDF		0.00010	0.000042	0.00000040 J	NA	NA	ND(0.00000029)
2,3,4,6,7,8-HxCDF		0.00042	0.00017	0.0000028	NA	NA	ND(0.00000029)
HxCDFs (total)		0.0058	0.0029	0.000038	NA	NA	0.00000080
1,2,3,4,6,7,8-HpCDF		0.0013	0.00046	0.0000063	NA	NA	0.00000020 J
1,2,3,4,7,8,9-HpCDF		0.00043	0.00013	0.00000069 J	NA	NA	ND(0.00000029)
HpCDFs (total)		0.0035	0.0012	0.0000070	NA	NA	0.00000020
OCDF		0.0049	0.0016	0.0000056	NA	NA	0.00000029 J
Dioxins							
2,3,7,8-TCDD		0.0000063 J	ND(0.0000024) X	ND(0.00000014)	NA	NA	ND(0.00000017)
TCDDs (total)		0.000060	0.000016 I	ND(0.00000020)	NA	NA	ND(0.00000017)
1,2,3,7,8-PeCDD		ND(0.00023) X	ND(0.00012) X	ND(0.0000046) X	NA	NA	ND(0.00000029)
PeCDDs (total)		0.000099	0.000024	ND(0.00000026)	NA	NA	ND(0.00000056)
1,2,3,4,7,8-HxCDD		0.000016 J	0.000013 J	ND(0.00000026)	NA	NA	ND(0.00000029)
1,2,3,6,7,8-HxCDD		0.000025	0.000015 J	0.00000025 J	NA	NA	ND(0.00000029)
1,2,3,7,8,9-HxCDD		0.000023 J	0.000013 J	ND(0.00000026)	NA	NA	ND(0.00000029)
HxCDDs (total)		0.00031	0.00014	0.00000025	NA	NA	ND(0.00000054)
1,2,3,4,6,7,8-HpCDD		0.00029	0.00016	0.0000019 J	NA	NA	0.00000035 J
HpCDDs (total)		0.00058	0.00032	0.0000019	NA	NA	0.00000035
OCDD		0.0020	0.00092	0.000014	NA	NA	0.0000021 J
Total TEQs (WHO TEFs)		0.00058	0.00028	0.0000050	NA	NA	0.00000039
Inorganics							
Antimony		1.30 B	ND(6.00)	ND(6.00)	NA	NA	ND(6.00)
Arsenic		7.80	6.40	6.10	NA	NA	10.0
Barium		49.0	36.0	15.0 B	NA	NA	11.0 B
Beryllium		0.300 B	0.260 B	0.200 B	NA	NA	0.170 B
Cadmium		0.970	0.430 B	0.300 B	NA	NA	0.290 B
Chromium		31.0	36.0	10.0	NA	NA	7.40
Cobalt		10.0	11.0	15.0	NA	NA	15.0
Copper		700	68.0	33.0	NA	NA	33.0
Cyanide		0.260	0.200 B	0.100 B	NA	NA	0.0240 B
Lead		150	180	13.0	NA	NA	8.10
Mercury		25.0	27.0	0.0390 B	NA	NA	ND(0.120)
Nickel		48.0	24.0	23.0	NA	NA	21.0
Selenium		1.20	1.00 B	0.610 B	NA	NA	0.940 B
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NA	NA	ND(1.00)
Sulfide		15.0	19.0	ND(5.60)	NA	NA	ND(5.90)
Thallium		ND(1.20)	ND(1.20)	ND(1.10)	NA	NA	ND(1.20)
Tin		ND(12.0)	ND(10.0)	ND(10.0)	NA	NA	ND(10.0)
Vanadium		34.0	13.0	6.90	NA	NA	5.70
Zinc		630	190	61.0	NA	NA	44.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-P8 0-1 05/06/03	RAA11-P12 0-1 04/24/03	RAA11-P15 6-10 04/23/03	RAA11-Q7 0-1 04/28/03	RAA11-Q9 0-1 04/28/03	RAA11-Q10 0-1 04/29/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	NA	ND(0.11) J	ND(0.10) J	ND(0.11) J
2-Butanone		ND(0.011)	ND(0.011)	NA	ND(0.011)	ND(0.010)	ND(0.011)
Acetone		ND(0.021)	ND(0.022) J	NA	ND(0.022) J	ND(0.021) J	0.0073 J
Benzene		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Chlorobenzene		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Ethylbenzene		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Methylene Chloride		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Styrene		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Tetrachloroethene		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Toluene		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Xylenes (total)		ND(0.0054)	ND(0.0055)	NA	ND(0.0054)	ND(0.0052)	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.36)	ND(0.37) J	NA	ND(0.36)	ND(0.34)	ND(0.36)
1,2,4-Trichlorobenzene		ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
1,2-Dichlorobenzene		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
1,2-Diphenylhydrazine		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
1,3,5-Trinitrobenzene		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
1,3-Dichlorobenzene		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
1,3-Dinitrobenzene		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
1,4-Dichlorobenzene		ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
1,4-Naphthoquinone		ND(0.72) J	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
1-Naphthylamine		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
2,3,4,6-Tetrachlorophenol		ND(0.36) J	ND(0.37) J	NA	ND(0.36)	ND(0.34)	ND(0.36)
2,4,5-Trichlorophenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2,4,6-Trichlorophenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2,4-Dichlorophenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2,4-Dimethylphenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2,4-Dinitrophenol		ND(1.8)	ND(1.9)	NA	ND(1.8)	ND(1.8)	ND(1.8) J
2,4-Dinitrotoluene		ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
2,6-Dichlorophenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2,6-Dinitrotoluene		ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
2-Acetylaminofluorene		ND(0.72)	ND(0.74)	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
2-Chloronaphthalene		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2-Chlorophenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2-Methylnaphthalene		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2-Methylphenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
2-Naphthylamine		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
2-Nitroaniline		ND(1.8)	ND(1.9)	NA	ND(1.8) J	ND(1.8) J	ND(1.8)
2-Nitrophenol		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
2-Picoline		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
3&4-Methylphenol		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
3,3'-Dichlorobenzidine		ND(0.72)	ND(0.74)	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
3,3'-Dimethylbenzidine		ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
3-Methylcholanthrene		ND(0.72)	ND(0.74)	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
3-Nitroaniline		ND(1.8)	ND(1.9)	NA	ND(1.8) J	ND(1.8) J	ND(1.8)
4,6-Dinitro-2-methylphenol		ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
4-Aminobiphenyl		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
4-Bromophenyl-phenylether		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
4-Chloroaniline		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
4-Chlorobenzilate		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
4-Nitroaniline		ND(1.8)	ND(1.9)	NA	ND(1.8) J	ND(1.8) J	ND(1.8)
4-Nitrophenol		ND(1.8) J	ND(1.9) J	NA	ND(1.8) J	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		ND(0.72)	ND(0.74) J	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
4-Phenylenediamine		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
5-Nitro-o-toluidine		ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		ND(0.72)	ND(0.74)	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
a,a'-Dimethylphenethylamine		ND(0.72) J	ND(0.74) J	NA	ND(0.73)	ND(0.69)	ND(0.73) J
Acenaphthene		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Acenaphthylene		ND(0.36)	0.24 J	NA	ND(0.36)	ND(0.34)	ND(0.36)
Acetophenone		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36) J
Aniline		ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Anthracene		ND(0.36)	0.15 J	NA	ND(0.36)	ND(0.34)	ND(0.36)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA11-P8 0-1 05/06/03	RAA11-P12 0-1 04/24/03	RAA11-P15 6-10 04/23/03	RAA11-Q7 0-1 04/28/03	RAA11-Q9 0-1 04/28/03	RAA11-Q10 0-1 04/29/03
Semivolatile Organics (continued)						
Aramite	ND(0.72)	ND(0.74) J	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
Benzidine	ND(0.72) J	ND(0.74) J	NA	ND(0.73) J	ND(0.69) J	ND(0.73)
Benzo(a)anthracene	0.099 J	0.43	NA	0.23 J	ND(0.34) J	ND(0.36)
Benzo(a)pyrene	0.12 J	0.50	NA	0.34 J	ND(0.34) J	ND(0.36)
Benzo(b)fluoranthene	ND(0.36)	0.62	NA	0.21 J	ND(0.34) J	ND(0.36)
Benzo(g,h,i)perylene	ND(0.36)	ND(0.37)	NA	0.21 J	ND(0.34) J	ND(0.36)
Benzo(k)fluoranthene	ND(0.36)	0.24 J	NA	0.26 J	ND(0.34) J	ND(0.36)
Benzyl Alcohol	ND(0.72) J	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
Butylbenzylphthalate	ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
Chrysene	0.086 J	0.51	NA	0.31 J	ND(0.34) J	ND(0.36)
Diallate	ND(0.72) J	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
Dibenzofuran	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Diethylphthalate	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Dimethylphthalate	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Di-n-Butylphthalate	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Di-n-Octylphthalate	ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
Diphenylamine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Ethyl Methanesulfonate	ND(0.36)	ND(0.37) J	NA	ND(0.36)	ND(0.34)	ND(0.36)
Fluoranthene	0.15 J	1.0	NA	0.33 J	ND(0.34)	ND(0.36)
Fluorene	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Hexachlorobenzene	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Hexachlorobutadiene	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Hexachlorocyclopentadiene	ND(0.36) J	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36) J
Hexachloroethane	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Hexachlorophene	ND(0.72) J	ND(0.74) J	NA	ND(0.73) J	ND(0.69) J	ND(0.73) J
Hexachloropropene	ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.085 J	0.28 J	NA	0.12 J	ND(0.34) J	ND(0.36)
Isodrin	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Isophorone	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Isosafrole	ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
Methapyrilene	ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
Methyl Methanesulfonate	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Naphthalene	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Nitrobenzene	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
N-Nitrosodiethylamine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
N-Nitrosodimethylamine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
N-Nitroso-di-n-butylamine	ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
N-Nitrosomethylethylamine	ND(0.72) J	ND(0.74) J	NA	ND(0.73)	ND(0.69)	ND(0.73)
N-Nitrosomorpholine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
N-Nitrosopiperidine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
N-Nitrosopyrrolidine	ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
o-Toluidine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
Pentachlorobenzene	ND(0.36) J	ND(0.37) J	NA	ND(0.36)	ND(0.34)	ND(0.36) J
Pentachloroethane	ND(0.36)	ND(0.37)	NA	ND(0.36) J	ND(0.34) J	ND(0.36)
Pentachloronitrobenzene	ND(0.72)	ND(0.74) J	NA	ND(0.73) J	ND(0.69) J	ND(0.73) J
Pentachlorophenol	ND(1.8)	ND(1.9)	NA	ND(1.8)	ND(1.8)	ND(1.8)
Phenacetin	ND(0.72)	ND(0.74)	NA	ND(0.73)	ND(0.69)	ND(0.73)
Phenanthrene	0.078 J	0.64	NA	0.25 J	0.10 J	ND(0.36)
Phenol	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	0.10 J
Pronamide	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Pyrene	ND(0.36)	ND(0.37)	NA	1.2 J	ND(0.34) J	ND(0.36)
Pyridine	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Safrole	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36)
Thionazin	ND(0.36)	ND(0.37)	NA	ND(0.36)	ND(0.34)	ND(0.36) J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-P8 0-1 05/06/03	RAA11-P12 0-1 04/24/03	RAA11-P15 6-10 04/23/03	RAA11-Q7 0-1 04/28/03	RAA11-Q9 0-1 04/28/03	RAA11-Q10 0-1 04/29/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		ND(0.0000052) X	0.0000031 J	NA	0.000014 Y	ND(0.0000011) X	0.0000013 J
TCDFs (total)		0.000055	0.000025 I	NA	0.00015 QJ	0.00000065	0.000021 I
1,2,3,7,8-PeCDF		ND(0.0000045) X	0.0000033 J	NA	ND(0.0000044)	ND(0.0000017)	0.00000084 J
2,3,4,7,8-PeCDF		0.000017 J	0.0000051 J	NA	0.0000094 J	ND(0.00000069) X	0.0000044 QJ
PeCDFs (total)		0.00038	0.000083 IQJ	NA	0.00033 IJ	0.0000064	0.000067 IQJ
1,2,3,4,7,8-HxCDF		0.000021 J	0.0000034 J	NA	0.0000035 J	ND(0.0000017)	0.0000014 J
1,2,3,6,7,8-HxCDF		0.0000056 J	0.0000024 J	NA	0.0000032 J	ND(0.0000017)	0.0000017 J
1,2,3,7,8,9-HxCDF		ND(0.0000070)	ND(0.00000077) X	NA	0.00000079 QJ	ND(0.0000017)	ND(0.0000018)
2,3,4,6,7,8-HxCDF		0.000016 J	0.0000040 J	NA	0.0000054 J	ND(0.0000017)	0.0000037 J
HxCDFs (total)		0.00028	0.000059	NA	0.00015	0.00000093	0.000045
1,2,3,4,6,7,8-HpCDF		ND(0.000028) X	0.0000082 J	NA	0.000011 J	0.0000016 J	ND(0.0000049) X
1,2,3,4,7,8,9-HpCDF		ND(0.0000037)	0.0000013 J	NA	ND(0.0000018)	ND(0.0000017)	ND(0.0000018)
HpCDFs (total)		0.000034	0.000020	NA	0.000023	0.0000016	0.0000069
OCDF		0.000018 J	0.000011 J	NA	0.000012 J	ND(0.0000043)	0.0000061 J
Dioxins							
2,3,7,8-TCDD		ND(0.0000015)	ND(0.0000010)	NA	ND(0.0000012)	ND(0.00000077)	ND(0.00000074)
TCDDs (total)		ND(0.0000041)	ND(0.0000039)	NA	ND(0.0000012)	ND(0.0000032)	ND(0.0000025)
1,2,3,7,8-PeCDD		ND(0.0000029)	ND(0.0000045) X	NA	ND(0.0000020)	ND(0.0000017)	ND(0.0000018)
PeCDDs (total)		ND(0.0000050)	ND(0.0000048)	NA	ND(0.0000020)	ND(0.0000017)	ND(0.0000018)
1,2,3,4,7,8-HxCDD		ND(0.0000031)	ND(0.0000025)	NA	ND(0.0000024)	ND(0.0000018)	ND(0.0000018)
1,2,3,6,7,8-HxCDD		ND(0.0000028)	0.0000012 J	NA	ND(0.0000022)	ND(0.0000017)	0.0000011 J
1,2,3,7,8,9-HxCDD		ND(0.0000031)	0.0000010 J	NA	ND(0.0000024)	ND(0.0000018)	0.00000072 J
HxCDDs (total)		0.000010	0.0000052	NA	0.0000038 QJ	ND(0.0000017)	0.0000038
1,2,3,4,6,7,8-HpCDD		0.000015 J	0.000012 J	NA	0.000013 J	0.0000032 J	0.000017 J
HpCDDs (total)		0.000036	0.000022	NA	0.000027 QJ	0.0000058	0.000032
OCDD		0.00011	0.00010 J	NA	0.000087	0.000026 J	0.00015
Total TEQs (WHO TEFs)		0.000016	0.0000074	NA	0.0000097	0.0000022	0.0000049
Inorganics							
Antimony		1.40 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.30	4.20	4.40	7.50	1.50	4.40
Barium		41.0	24.0	41.0	28.0	17.0 B	23.0
Beryllium		0.170 B	0.290 B	0.250 B	0.210 B	0.120 B	0.250
Cadmium		0.280 B	0.450 B	ND(0.500)	ND(0.500)	ND(0.500)	0.250
Chromium		6.60	5.10	6.70 J	8.10	5.00	7.90
Cobalt		7.00	7.50	5.80	7.90	4.70 B	6.00
Copper		18.0	19.0	18.0 J	26.0	9.90	16.0
Cyanide		ND(0.210)	ND(0.220)	0.0820 B	0.0730 B	ND(0.210)	0.0300 B
Lead		16.0	26.0	32.0 J	68.0	4.60	24.0
Mercury		0.0200 B	0.00740 B	0.0800 B	0.0410 B	ND(0.100)	0.0650 B
Nickel		11.0	9.60	10.0	14.0	6.70	12.0
Selenium		ND(1.00)	0.970 B	ND(1.00) J	ND(1.00)	ND(1.00)	1.30
Silver		ND(1.00)	0.120 B	ND(1.00)	ND(1.00)	1.20	ND(1.00)
Sulfide		21.0	23.0	300 J	12.0	9.90	8.70
Thallium		ND(1.10) J	ND(1.10)	ND(1.10) J	ND(1.10) J	ND(1.00) J	ND(1.10) J
Tin		ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		6.20	5.50	11.0	8.60	5.50	8.50
Zinc		42.0	43.0	40.0 J	66.0	22.0	43.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q10 1-3 04/29/03	RAA11-Q10 3-6 04/29/03	RAA11-Q10 4-6 04/29/03	RAA11-Q10 6-10 04/29/03	RAA11-Q10 8-10 04/29/03	RAA11-Q11 0-1 04/04/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	NA	ND(0.11) J	NA	ND(0.11) J	ND(0.11) J
2-Butanone		ND(0.011) J	NA	ND(0.011)	NA	ND(0.011)	ND(0.011)
Acetone		ND(0.021)	NA	ND(0.022) J	NA	0.0088 J	ND(0.022)
Benzene		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Chlorobenzene		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Ethylbenzene		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Methylene Chloride		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Styrene		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Tetrachloroethene		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Toluene		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Xylenes (total)		ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0054)	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
1,2,4-Trichlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
1,2-Dichlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
1,2-Diphenylhydrazine		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37) J
1,3,5-Trinitrobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
1,3-Dichlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
1,3-Dinitrobenzene		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
1,4-Dichlorobenzene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
1,4-Naphthoquinone		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
1-Naphthylamine		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
2,3,4,6-Tetrachlorophenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,4,5-Trichlorophenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,4,6-Trichlorophenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,4-Dichlorophenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,4-Dimethylphenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,4-Dinitrophenol		ND(1.8) J	ND(1.9) J	NA	ND(1.8) J	NA	ND(1.9) J
2,4-Dinitrotoluene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,6-Dichlorophenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2,6-Dinitrotoluene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37) J
2-Acetylaminofluorene		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
2-Chloronaphthalene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2-Chlorophenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2-Methylnaphthalene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	0.43
2-Methylphenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
2-Naphthylamine		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
2-Nitroaniline		ND(1.8)	ND(1.9)	NA	ND(1.8)	NA	ND(1.9) J
2-Nitrophenol		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
2-Picoline		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
3&4-Methylphenol		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
3,3'-Dichlorobenzidine		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
3,3'-Dimethylbenzidine		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
3-Methylcholanthrene		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
3-Nitroaniline		ND(1.8)	ND(1.9)	NA	ND(1.8)	NA	ND(1.9) J
4,6-Dinitro-2-methylphenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37) J
4-Aminobiphenyl		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
4-Bromophenyl-phenylether		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
4-Chloroaniline		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37) J
4-Chlorobenzilate		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
4-Nitroaniline		ND(1.8)	ND(1.9)	NA	ND(1.8)	NA	ND(1.9) J
4-Nitrophenol		ND(1.8) J	ND(1.9) J	NA	ND(1.8) J	NA	ND(1.9) J
4-Nitroquinoline-1-oxide		ND(0.72) J	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
4-Phenylenediamine		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
5-Nitro-o-toluidine		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
7,12-Dimethylbenz(a)anthracene		ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
a,a'-Dimethylphenethylamine		ND(0.72)	ND(0.74) J	NA	ND(0.73) J	NA	ND(0.74) J
Acenaphthene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	0.40
Acenaphthylene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	0.089 J
Acetophenone		ND(0.36)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.37)
Aniline		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Anthracene		ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	1.6

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA11-Q10	RAA11-Q10	RAA11-Q10	RAA11-Q10	RAA11-Q10	RAA11-Q11
Sample Depth(Feet):	1-3	3-6	4-6	6-10	8-10	0-1
Parameter / Date Collected:	04/29/03	04/29/03	04/29/03	04/29/03	04/29/03	04/04/03
Semivolatile Organics (continued)						
Aramite	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
Benzidine	ND(0.72) J	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
Benzo(a)anthracene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	2.6 J
Benzo(a)pyrene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	2.3 J
Benzo(b)fluoranthene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	1.7 J
Benzo(g,h,i)perylene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	1.5 J
Benzo(k)fluoranthene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	1.7 J
Benzyl Alcohol	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	NA	ND(0.36)	NA	ND(0.36) J
Butylbenzylphthalate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37) J
Chrysene	ND(0.36)	ND(0.36)	NA	0.074 J	NA	2.3 J
Diallate	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37) J
Dibenzofuran	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	0.65
Diethylphthalate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Dimethylphthalate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Di-n-Butylphthalate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Di-n-Octylphthalate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	0.54 J
Diphenylamine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Ethyl Methanesulfonate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Fluoranthene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	3.5
Fluorene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	0.57
Hexachlorobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Hexachlorobutadiene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Hexachlorocyclopentadiene	ND(0.36) J	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.37)
Hexachloroethane	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Hexachlorophene	ND(0.72) J	ND(0.74) J	NA	ND(0.73) J	NA	ND(0.74) J
Hexachloropropene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	1.5 J
Isodrin	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Isophorone	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Isosafrole	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
Methapyrilene	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
Methyl Methanesulfonate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Naphthalene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	1.0
Nitrobenzene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitrosodiethylamine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitrosodimethylamine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.72) J	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitrosomethylethylamine	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
N-Nitrosomorpholine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitrosopiperidine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
N-Nitrosopyrrolidine	ND(0.72) J	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
o-Toluidine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74) J
Pentachlorobenzene	ND(0.36) J	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.37)
Pentachloroethane	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Pentachloronitrobenzene	ND(0.72) J	ND(0.74) J	NA	ND(0.73) J	NA	ND(0.74)
Pentachlorophenol	ND(1.8)	ND(1.9)	NA	ND(1.8)	NA	ND(1.9)
Phenacetin	ND(0.72)	ND(0.74)	NA	ND(0.73)	NA	ND(0.74)
Phenanthrene	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	5.3
Phenol	ND(0.36)	0.13 J	NA	ND(0.36)	NA	ND(0.37)
Pronamide	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Pyrene	ND(0.36)	ND(0.36)	NA	0.082 J	NA	5.8 J
Pyridine	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Safrole	ND(0.36)	ND(0.36)	NA	ND(0.36)	NA	ND(0.37)
Thionazin	ND(0.36)	ND(0.36) J	NA	ND(0.36) J	NA	ND(0.37)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:					
	RAA11-Q10 1-3 04/29/03	RAA11-Q10 3-6 04/29/03	RAA11-Q10 4-6 04/29/03	RAA11-Q10 6-10 04/29/03	RAA11-Q10 8-10 04/29/03	RAA11-Q11 0-1 04/04/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
None Detected	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	ND(0.00000048) X	ND(0.0000011) X	NA	ND(0.00000089)	NA	0.0000032 J
TCDFs (total)	0.00000053 I	ND(0.00000085)	NA	ND(0.00000089)	NA	0.000023 Q
1,2,3,7,8-PeCDF	ND(0.00000059) X	ND(0.0000021)	NA	ND(0.0000022)	NA	0.0000015 J
2,3,4,7,8-PeCDF	0.0000011 J	ND(0.0000021)	NA	ND(0.0000010) X	NA	0.0000037 J
PeCDFs (total)	0.000010 QJ	ND(0.0000021)	NA	0.0000032	NA	0.000046 Q
1,2,3,4,7,8-HxCDF	ND(0.00000077) X	ND(0.0000021)	NA	ND(0.0000022)	NA	0.0000024 J
1,2,3,6,7,8-HxCDF	0.00000099 J	0.00000055 J	NA	ND(0.0000022)	NA	ND(0.0000022) X
1,2,3,7,8,9-HxCDF	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000022)	NA	ND(0.0000026)
2,3,4,6,7,8-HxCDF	0.00000081 J	ND(0.0000021)	NA	ND(0.0000022)	NA	0.0000036 J
HxCDFs (total)	0.0000060	0.00000082	NA	0.0000018	NA	0.000054
1,2,3,4,6,7,8-HpCDF	0.0000019 J	0.00000099 J	NA	ND(0.0000016) X	NA	0.000011 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000022)	NA	ND(0.0000024) X
HpCDFs (total)	0.0000034	0.00000099	NA	ND(0.0000022)	NA	0.000022
OCDF	0.0000022 J	ND(0.0000043)	NA	ND(0.0000022) X	NA	0.000014 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000092)	ND(0.00000086)	NA	ND(0.00000089)	NA	ND(0.0000010)
TCDDs (total)	ND(0.0000034)	ND(0.0000031)	NA	ND(0.0000023)	NA	ND(0.0000032)
1,2,3,7,8-PeCDD	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000022)	NA	ND(0.0000026)
PeCDDs (total)	ND(0.0000023)	ND(0.0000036)	NA	ND(0.0000027)	NA	0.0000012
1,2,3,4,7,8-HxCDD	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000022)	NA	ND(0.0000026)
1,2,3,6,7,8-HxCDD	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000022)	NA	ND(0.0000018) X
1,2,3,7,8,9-HxCDD	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000022)	NA	ND(0.0000012) X
HxCDDs (total)	ND(0.0000023)	ND(0.0000021)	NA	ND(0.0000032)	NA	ND(0.0000050)
1,2,3,4,6,7,8-HpCDD	0.0000025 J	ND(0.0000014) X	NA	0.0000033 J	NA	0.000018 J
HpCDDs (total)	ND(0.0000044)	ND(0.0000021)	NA	ND(0.0000033)	NA	0.000037
OCDD	0.000016 J	0.000013 J	NA	0.000028 J	NA	0.00015
Total TEQs (WHO TEFs)	0.0000029	0.0000028	NA	0.0000027	NA	0.0000055
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA	ND(6.00)
Arsenic	3.90	5.10	NA	4.10	NA	2.70
Barium	24.0	32.0	NA	19.0	NA	14.0 B
Beryllium	0.220	0.280	NA	0.180	NA	0.190 B
Cadmium	0.220	0.320	NA	0.220	NA	ND(0.500)
Chromium	5.90	7.20	NA	5.90	NA	4.20
Cobalt	6.60	9.40	NA	6.10	NA	4.00 B
Copper	14.0	17.0	NA	12.0	NA	14.0
Cyanide	ND(0.210)	ND(0.220)	NA	ND(0.220)	NA	0.0460 B
Lead	13.0	7.70	NA	8.60	NA	14.0
Mercury	0.0800 B	0.0200 B	NA	0.0140 B	NA	0.100 B
Nickel	11.0	16.0	NA	12.0	NA	6.80
Selenium	1.00	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)
Silver	ND(1.00)	0.110 B	NA	ND(1.00)	NA	ND(1.00)
Sulfide	24.0	20.0	NA	23.0	NA	25.0
Thallium	ND(1.10) J	ND(1.10) J	NA	ND(1.10) J	NA	ND(1.10)
Tin	ND(10.0)	ND(10.0)	NA	ND(10.0)	NA	ND (10.0)
Vanadium	5.70	7.30	NA	4.90	NA	3.80 B
Zinc	37.0	46.0	NA	32.0	NA	25.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q13 0-1 04/23/03	RAA11-Q13 0-1 05/07/03	RAA11-Q13 10-15 04/23/03	RAA11-Q15 0-1 04/22/03	RAA11-Q17 0-1 04/22/03
Volatile Organics						
1,4-Dioxane		ND(0.11) J	NA	NA	ND(0.11) J	ND(0.12) J
2-Butanone		ND(0.011)	NA	NA	ND(0.011)	ND(0.012)
Acetone		ND(0.022) J	NA	NA	ND(0.022)	ND(0.024)
Benzene		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Chlorobenzene		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Ethylbenzene		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Methylene Chloride		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Styrene		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Tetrachloroethene		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Toluene		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Xylenes (total)		ND(0.0056)	NA	NA	ND(0.0056)	ND(0.0059)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.37)	NA	ND(0.39)	ND(0.37) J	ND(0.40) J
1,2,4-Trichlorobenzene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
1,2-Dichlorobenzene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
1,2-Diphenylhydrazine		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
1,3,5-Trinitrobenzene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
1,3-Dichlorobenzene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
1,3-Dinitrobenzene		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
1,4-Dichlorobenzene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
1,4-Naphthoquinone		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
1-Naphthylamine		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
2,3,4,6-Tetrachlorophenol		ND(0.37) J	NA	ND(0.39) J	ND(0.37) J	ND(0.40) J
2,4,5-Trichlorophenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2,4,6-Trichlorophenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2,4-Dichlorophenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2,4-Dimethylphenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2,4-Dinitrophenol		ND(1.9) J	NA	ND(2.0) J	ND(1.9)	ND(2.0)
2,4-Dinitrotoluene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2,6-Dichlorophenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2,6-Dinitrotoluene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2-Acetylaminofluorene		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
2-Chloronaphthalene		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2-Chlorophenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2-Methylnaphthalene		ND(0.37)	NA	0.23 J	0.47	ND(0.40)
2-Methylphenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
2-Naphthylamine		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
2-Nitroaniline		ND(1.9)	NA	ND(2.0)	ND(1.9)	ND(2.0)
2-Nitrophenol		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
2-Picoline		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
3&4-Methylphenol		ND(0.74)	NA	ND(0.78)	0.082 J	ND(0.80)
3,3'-Dichlorobenzidine		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
3,3'-Dimethylbenzidine		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
3-Methylcholanthrene		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
3-Nitroaniline		ND(1.9)	NA	ND(2.0)	ND(1.9)	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.37) J	NA	ND(0.39) J	ND(0.37)	ND(0.40)
4-Aminobiphenyl		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
4-Bromophenyl-phenylether		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
4-Chloro-3-Methylphenol		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
4-Chloroaniline		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
4-Chlorobenzilate		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
4-Chlorophenyl-phenylether		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
4-Nitroaniline		ND(1.9)	NA	ND(2.0)	ND(1.9)	ND(2.0)
4-Nitrophenol		ND(1.9) J	NA	ND(2.0) J	ND(1.9)	ND(2.0)
4-Nitroquinoline-1-oxide		ND(0.74) J	NA	ND(0.78) J	ND(0.75) J	ND(0.80) J
4-Phenylenediamine		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
5-Nitro-o-toluidine		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
7,12-Dimethylbenz(a)anthracene		ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
a,a'-Dimethylphenethylamine		ND(0.74) J	NA	ND(0.78) J	ND(0.75) J	ND(0.80) J
Acenaphthene		0.084 J	NA	0.41	0.92	0.54
Acenaphthylene		ND(0.37)	NA	0.13 J	5.2	0.083 J
Acetophenone		ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Aniline		ND(0.37)	NA	ND(0.39)	ND(0.37)	1.1
Anthracene		0.18 J	NA	0.83	5.7	0.085 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA11-Q13 0-1 04/23/03	RAA11-Q13 0-1 05/07/03	RAA11-Q13 10-15 04/23/03	RAA11-Q15 0-1 04/22/03	RAA11-Q17 0-1 04/22/03
Semivolatile Organics (continued)					
Aramite	ND(0.74)	NA	ND(0.78)	ND(0.75) J	ND(0.80) J
Benzidine	ND(0.74) J	NA	ND(0.78) J	ND(0.75) J	ND(0.80) J
Benzo(a)anthracene	0.40	NA	1.4	16	ND(0.40)
Benzo(a)pyrene	0.37 J	NA	1.3	17	0.28 J
Benzo(b)fluoranthene	0.46	NA	1.5	20	0.40 J
Benzo(g,h,i)perylene	0.21 J	NA	0.70	11	0.27 J
Benzo(k)fluoranthene	0.15 J	NA	0.63	5.7	0.16 J
Benzyl Alcohol	ND(0.74) J	NA	ND(0.78) J	ND(0.75)	ND(0.80)
bis(2-Chloroethoxy)methane	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.38)	ND(0.37)	ND(0.39)
Butylbenzylphthalate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Chrysene	0.42	NA	1.4	17	ND(0.40)
Diallate	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.39)	2.2	ND(0.40)
Dibenzofuran	ND(0.37)	NA	0.39	ND(0.37)	ND(0.40)
Diethylphthalate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Dimethylphthalate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Di-n-Butylphthalate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Diphenylamine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Ethyl Methanesulfonate	ND(0.37)	NA	ND(0.39)	ND(0.37) J	ND(0.40) J
Fluoranthene	0.78	NA	3.1	31	0.52
Fluorene	ND(0.37)	NA	0.50	2.0	ND(0.40)
Hexachlorobenzene	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Hexachlorobutadiene	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Hexachlorocyclopentadiene	ND(0.37) J	NA	ND(0.39) J	ND(0.37)	ND(0.40)
Hexachloroethane	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Hexachlorophene	ND(0.74) J	NA	ND(0.78) J	ND(0.75) J	ND(0.80) J
Hexachloropropene	ND(0.37)	NA	ND(0.39)	ND(0.37) J	ND(0.40) J
Indeno(1,2,3-cd)pyrene	0.18 J	NA	0.60	7.0	0.20 J
Isodrin	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Isophorone	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Isosafrole	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
Methapyrilene	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
Methyl Methanesulfonate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Naphthalene	ND(0.37)	NA	0.59	0.54	ND(0.40)
Nitrobenzene	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitrosodiethylamine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitrosodimethylamine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.74)	NA	ND(0.78)	ND(0.75) J	ND(0.80) J
N-Nitrosomorpholine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitrosopiperidine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
o,o,o-Triethylphosphorothioate	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
o-Toluidine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
Pentachlorobenzene	ND(0.37) J	NA	ND(0.39) J	ND(0.37) J	0.27 J
Pentachloroethane	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Pentachloronitrobenzene	ND(0.74) J	NA	ND(0.78) J	ND(0.75) J	ND(0.80) J
Pentachlorophenol	ND(1.9)	NA	ND(2.0)	ND(1.9)	ND(2.0)
Phenacetin	ND(0.74)	NA	ND(0.78)	ND(0.75)	ND(0.80)
Phenanthrene	0.75	NA	2.9	14	0.25 J
Phenol	0.44	NA	0.43	0.17 J	0.52
Pronamide	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Pyrene	0.80	NA	2.8	35	0.51
Pyridine	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Safrole	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)
Thionazin	ND(0.37)	NA	ND(0.39)	ND(0.37)	ND(0.40)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:				
	RAA11-Q13 / 0-1 / 04/23/03	RAA11-Q13 / 0-1 / 05/07/03	RAA11-Q13 / 10-15 / 04/23/03	RAA11-Q15 / 0-1 / 04/22/03	RAA11-Q17 / 0-1 / 04/22/03
Organochlorine Pesticides					
Aldrin	NA	ND(0.0080)	NA	NA	NA
Alpha-Chlordane	NA	ND(0.0080)	NA	NA	NA
Technical Chlordane	NA	ND(0.10)	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	--	NA	NA	NA
Herbicides					
None Detected	NA	--	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.0000034)	NA	0.0000036 J	ND(0.0000033) X	0.00015 Y
TCDFs (total)	0.0000013 I	NA	0.00013 I	0.000027 QJ	0.0017 I
1,2,3,7,8-PeCDF	ND(0.0000024)	NA	0.0000017 J	ND(0.0000027)	0.000095
2,3,4,7,8-PeCDF	ND(0.0000031) X	NA	0.000012 J	ND(0.0000051)	0.00022
PeCDFs (total)	0.000037	NA	0.00014 IQJ	0.000047 QJ	0.0025 I
1,2,3,4,7,8-HxCDF	0.0000014 J	NA	0.0000040 J	0.0000017 J	0.00037
1,2,3,6,7,8-HxCDF	ND(0.0000015) X	NA	0.0000032 J	ND(0.0000022)	0.00017
1,2,3,7,8,9-HxCDF	ND(0.0000029)	NA	0.0000015 QJ	ND(0.0000038)	0.000045
2,3,4,6,7,8-HxCDF	0.0000019 J	NA	0.0000068 J	0.0000030 J	0.00019
HxCDFs (total)	0.000029	NA	0.00010 QJ	0.000036 I	0.0028
1,2,3,4,6,7,8-HpCDF	ND(0.0000046) X	NA	0.000013 J	0.0000044 J	0.00055
1,2,3,4,7,8,9-HpCDF	ND(0.0000024)	NA	0.0000021 J	ND(0.0000027)	0.00017
HpCDFs (total)	0.0000086	NA	0.000039	0.000011	0.0015
OCDF	0.0000061 J	NA	0.000027 J	ND(0.0000068) X	0.0024
Dioxins					
2,3,7,8-TCDD	ND(0.0000027)	NA	ND(0.0000011)	ND(0.0000011)	ND(0.0000030) X
TCDDs (total)	ND(0.0000048)	NA	ND(0.0000048)	ND(0.0000035)	0.000012
1,2,3,7,8-PeCDD	ND(0.0000024)	NA	ND(0.000011) X	ND(0.0000019) X	ND(0.00011) X
PeCDDs (total)	ND(0.0000024)	NA	0.0000033	0.0000031	0.000050
1,2,3,4,7,8-HxCDD	ND(0.0000024)	NA	ND(0.0000028)	ND(0.0000027)	ND(0.0000080) X
1,2,3,6,7,8-HxCDD	ND(0.0000016) X	NA	ND(0.0000022) X	ND(0.0000027)	ND(0.000014) X
1,2,3,7,8,9-HxCDD	ND(0.0000024)	NA	ND(0.0000028)	ND(0.0000027)	0.000010 J
HxCDDs (total)	ND(0.0000024)	NA	0.0000051	0.0000028	0.00013
1,2,3,4,6,7,8-HpCDD	0.000018 J	NA	0.000022 J	0.0000073 J	0.00022
HpCDDs (total)	0.000018	NA	0.000045	0.000014	0.00045
OCDD	0.00015	NA	0.00022	0.000068	0.0025
Total TEQs (WHO TEFs)	0.0000047	NA	0.000015	0.0000043	0.00028
Inorganics					
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00)	0.960 B
Arsenic	4.80	NA	6.20	5.30	8.70
Barium	18.0 B	NA	64.0	29.0	38.0
Beryllium	0.160 B	NA	0.260 B	0.250 B	0.310 B
Cadmium	ND(0.500)	NA	ND(0.500)	0.360 B	0.700
Chromium	7.40 J	NA	9.30 J	7.60	24.0
Cobalt	8.50	NA	8.20	7.00	8.50
Copper	34.0 J	NA	35.0 J	22.0	400
Cyanide	0.0550 B	NA	ND(0.580)	ND(0.560)	0.210 B
Lead	26.0 J	NA	76.0 J	36.0	85.0
Mercury	0.0660 B	NA	0.100 B	0.0580 B	6.30
Nickel	13.0	NA	14.0	12.0	30.0
Selenium	ND(1.00) J	NA	ND(1.00) J	0.580 B	0.770 B
Silver	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	53.0 J	NA	71.0 J	71.0	7.60
Thallium	ND(1.10) J	NA	ND(1.20) J	ND(1.10)	ND(1.20)
Tin	ND(10.0)	NA	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	6.50	NA	9.30	7.60	27.0
Zinc	51.0 J	NA	92.0 J	44.0	370

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q17 1-3 04/22/03	RAA11-Q17 3-6 04/22/03	RAA11-Q17 4-6 04/22/03	RAA11-Q17 6-10 04/22/03	RAA11-Q17 8-10 04/22/03	RAA11-Q17 10-15 04/22/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	NA	ND(0.12) J	NA	ND(0.12) J	NA
2-Butanone		ND(0.011)	NA	ND(0.012)	NA	ND(0.012)	NA
Acetone		ND(0.023)	NA	ND(0.023) J	NA	ND(0.024) J	NA
Benzene		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Chlorobenzene		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Ethylbenzene		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Methylene Chloride		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Styrene		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Tetrachloroethene		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Toluene		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Xylenes (total)		ND(0.0057)	NA	ND(0.0058)	NA	ND(0.0059)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.38) J	ND(0.39) J	NA	ND(0.43) J	NA	ND(0.44) J
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.39)	NA	0.18 J	NA	ND(0.44)
1,2-Dichlorobenzene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
1,2-Diphenylhydrazine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
1,3,5-Trinitrobenzene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
1,3-Dichlorobenzene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
1,3-Dinitrobenzene		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
1,4-Dichlorobenzene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
1,4-Naphthoquinone		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
1-Naphthylamine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
2,3,4,6-Tetrachlorophenol		ND(0.38) J	ND(0.39) J	NA	ND(0.43) J	NA	ND(0.44) J
2,4,5-Trichlorophenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2,4,6-Trichlorophenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2,4-Dichlorophenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2,4-Dimethylphenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2,4-Dinitrophenol		ND(1.9)	ND(2.0)	NA	ND(2.2)	NA	ND(2.2)
2,4-Dinitrotoluene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2,6-Dichlorophenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2,6-Dinitrotoluene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2-Acetylaminofluorene		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
2-Chloronaphthalene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2-Chlorophenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2-Methylnaphthalene		ND(0.38)	ND(0.39)	NA	0.19 J	NA	ND(0.44)
2-Methylphenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
2-Naphthylamine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
2-Nitroaniline		ND(1.9)	ND(2.0)	NA	ND(2.2)	NA	ND(2.2)
2-Nitrophenol		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
2-Picoline		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
3&4-Methylphenol		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
3,3'-Dichlorobenzidine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
3,3'-Dimethylbenzidine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
3-Methylcholanthrene		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
3-Nitroaniline		ND(1.9)	ND(2.0)	NA	ND(2.2)	NA	ND(2.2)
4,6-Dinitro-2-methylphenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
4-Aminobiphenyl		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
4-Bromophenyl-phenylether		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
4-Chloroaniline		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
4-Chlorobenzilate		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
4-Nitroaniline		ND(1.9)	ND(2.0)	NA	ND(2.2)	NA	ND(2.2)
4-Nitrophenol		ND(1.9)	ND(2.0)	NA	ND(2.2)	NA	ND(2.2)
4-Nitroquinoline-1-oxide		ND(0.76) J	ND(0.78) J	NA	ND(0.86) J	NA	ND(0.87) J
4-Phenylenediamine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
5-Nitro-o-toluidine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
7,12-Dimethylbenz(a)anthracene		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
a,a'-Dimethylphenethylamine		ND(0.76) J	ND(0.78) J	NA	ND(0.86) J	NA	ND(0.87) J
Acenaphthene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Acenaphthylene		ND(0.38)	ND(0.39)	NA	0.74	NA	ND(0.44)
Acetophenone		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Aniline		ND(0.38)	ND(0.39)	NA	0.15 J	NA	ND(0.44)
Anthracene		ND(0.38)	ND(0.39)	NA	2.4	NA	ND(0.44)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q17 1-3 04/22/03	RAA11-Q17 3-6 04/22/03	RAA11-Q17 4-6 04/22/03	RAA11-Q17 6-10 04/22/03	RAA11-Q17 8-10 04/22/03	RAA11-Q17 10-15 04/22/03
Semivolatile Organics (continued)							
Aramite		ND(0.76) J	ND(0.78) J	NA	ND(0.86) J	NA	ND(0.87) J
Benzidine		ND(0.76) J	0.28 J	NA	ND(0.86) J	NA	ND(0.87) J
Benzo(a)anthracene		0.14 J	0.26 J	NA	4.3	NA	ND(0.44)
Benzo(a)pyrene		0.15 J	0.12 J	NA	4.0	NA	ND(0.44)
Benzo(b)fluoranthene		0.21 J	0.16 J	NA	4.9	NA	ND(0.44)
Benzo(g,h,i)perylene		0.17 J	0.10 J	NA	2.6	NA	ND(0.44)
Benzo(k)fluoranthene		0.097 J	ND(0.39)	NA	2.0	NA	ND(0.44)
Benzyl Alcohol		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
bis(2-Chloroethoxy)methane		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
bis(2-Chloroethyl)ether		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
bis(2-Chloroisopropyl)ether		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
bis(2-Ethylhexyl)phthalate		ND(0.37)	ND(0.38)	NA	0.88	NA	ND(0.43)
Butylbenzylphthalate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Chrysene		0.15 J	0.26 J	NA	3.6	NA	ND(0.44)
Diallate		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
Dibenzo(a,h)anthracene		ND(0.38)	ND(0.39)	NA	0.64	NA	ND(0.44)
Dibenzofuran		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Diethylphthalate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Dimethylphthalate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Di-n-Butylphthalate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Di-n-Octylphthalate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Diphenylamine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Ethyl Methanesulfonate		ND(0.38) J	ND(0.39) J	NA	ND(0.43) J	NA	ND(0.44) J
Fluoranthene		0.27 J	0.27 J	NA	8.5	NA	ND(0.44)
Fluorene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Hexachlorobenzene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Hexachlorobutadiene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Hexachlorocyclopentadiene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Hexachloroethane		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Hexachlorophene		ND(0.76) J	ND(0.78) J	NA	ND(0.86) J	NA	ND(0.87) J
Hexachloropropene		ND(0.38) J	ND(0.39) J	NA	ND(0.43) J	NA	ND(0.44) J
Indeno(1,2,3-cd)pyrene		0.10 J	0.086 J	NA	2.2	NA	ND(0.44)
Isodrin		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Isophorone		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Isosafrole		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
Methapyrilene		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
Methyl Methanesulfonate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Naphthalene		ND(0.38)	ND(0.39)	NA	0.24 J	NA	ND(0.44)
Nitrobenzene		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitrosodiethylamine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitrosodimethylamine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitroso-di-n-butylamine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
N-Nitroso-di-n-propylamine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitrosodiphenylamine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitrosomethylethylamine		ND(0.76) J	ND(0.78) J	NA	ND(0.86) J	NA	ND(0.87) J
N-Nitrosomorpholine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitrosopiperidine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
N-Nitrosopyrrolidine		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
o,o,o-Triethylphosphorothioate		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
o-Toluidine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
p-Dimethylaminoazobenzene		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
Pentachlorobenzene		ND(0.38) J	ND(0.39) J	NA	ND(0.43) J	NA	ND(0.44) J
Pentachloroethane		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Pentachloronitrobenzene		ND(0.76) J	ND(0.78) J	NA	ND(0.86) J	NA	ND(0.87) J
Pentachlorophenol		ND(1.9)	ND(2.0)	NA	ND(2.2)	NA	ND(2.2)
Phenacetin		ND(0.76)	ND(0.78)	NA	ND(0.86)	NA	ND(0.87)
Phenanthrene		0.26 J	0.24 J	NA	6.8	NA	ND(0.44)
Phenol		ND(0.38)	0.25 J	NA	ND(0.43)	NA	0.12 J
Pronamide		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Pyrene		0.33 J	0.28 J	NA	8.5	NA	ND(0.44)
Pyridine		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Safrole		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)
Thionazin		ND(0.38)	ND(0.39)	NA	ND(0.43)	NA	ND(0.44)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:					
	RAA11-Q17 1-3 04/22/03	RAA11-Q17 3-6 04/22/03	RAA11-Q17 4-6 04/22/03	RAA11-Q17 6-10 04/22/03	RAA11-Q17 8-10 04/22/03	RAA11-Q17 10-15 04/22/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
None Detected	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000023 Y	ND(0.0000035) X	NA	0.00013 Y	NA	0.00042 YJ
TCDFs (total)	0.00020 I	0.000028 I	NA	0.0032 QIJ	NA	0.019 QIJ
1,2,3,7,8-PeCDF	0.0000097 J	ND(0.0000015) X	NA	0.000046	NA	0.00026
2,3,4,7,8-PeCDF	0.000020	ND(0.0000060)	NA	0.0012	NA	0.0063
PeCDFs (total)	0.00022 I	0.000055 I	NA	0.0079 QIJ	NA	0.039 QJ
1,2,3,4,7,8-HxCDF	0.000027	0.0000025 J	NA	0.00027	NA	0.0016
1,2,3,6,7,8-HxCDF	0.000014 J	0.0000027 J	NA	0.00021	NA	0.0012
1,2,3,7,8,9-HxCDF	0.0000040 J	ND(0.00000096) X	NA	0.000073	NA	0.00046
2,3,4,6,7,8-HxCDF	0.000017 J	0.0000042 J	NA	0.00079	NA	0.0050
HxCDFs (total)	0.00023	0.000060	NA	0.012 I	NA	0.072
1,2,3,4,6,7,8-HpCDF	0.000045	0.000013 J	NA	0.00094	NA	0.0052 QJ
1,2,3,4,7,8,9-HpCDF	0.000012 J	ND(0.0000024)	NA	0.00018	NA	0.00093 J
HpCDFs (total)	0.00012	0.000033	NA	0.0026	NA	0.015 QJ
OCDF	0.00016	0.000022 J	NA	0.00079	NA	0.0044
Dioxins						
2,3,7,8-TCDD	ND(0.0000012) X	ND(0.0000012)	NA	0.0000038 J	NA	0.000023 J
TCDDs (total)	0.0000058	ND(0.0000023)	NA	0.000063 QJ	NA	0.00044 QJ
1,2,3,7,8-PeCDD	ND(0.0000018) X	ND(0.0000055) X	NA	ND(0.0000030)	NA	0.00020
PeCDDs (total)	0.000024	0.0000026	NA	0.000095	NA	0.0010 QJ
1,2,3,4,7,8-HxCDD	ND(0.0000018) X	ND(0.0000024)	NA	0.000019 J	NA	0.00014
1,2,3,6,7,8-HxCDD	ND(0.0000046) X	ND(0.0000012)	NA	0.000032	NA	0.00023
1,2,3,7,8,9-HxCDD	ND(0.0000038) X	ND(0.0000024)	NA	0.000027 J	NA	0.00021
HxCDDs (total)	0.000058	0.0000032	NA	0.00031	NA	0.0027
1,2,3,4,6,7,8-HpCDD	0.000056	0.000021 J	NA	0.00016	NA	0.0011
HpCDDs (total)	0.00011	0.000039	NA	0.00027	NA	0.0021 QJ
OCDD	0.00029	0.00024	NA	0.00055	NA	0.0026
Total TEQs (WHO TEFs)	0.000022	0.0000067	NA	0.00078	NA	0.0044
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA	ND(6.00)
Arsenic	15.0	6.70	NA	6.30	NA	5.60
Barium	27.0	43.0	NA	42.0	NA	44.0
Beryllium	0.190 B	0.240 B	NA	0.270 B	NA	0.270 B
Cadmium	0.330 B	0.410 B	NA	0.580	NA	0.950
Chromium	8.70	6.10	NA	8.80	NA	33.0
Cobalt	3.80 B	7.50	NA	7.40	NA	6.50
Copper	25.0	20.0	NA	30.0	NA	58.0
Cyanide	0.330	ND(0.580)	NA	0.170 B	NA	0.170 B
Lead	44.0	86.0	NA	130	NA	100
Mercury	1.10	0.120	NA	0.350	NA	0.120 B
Nickel	10.0	11.0	NA	12.0	NA	13.0
Selenium	1.00	ND(1.00)	NA	1.30	NA	0.900 B
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA	5.20
Sulfide	13.0	140	NA	140	NA	110
Thallium	ND(1.10)	ND(1.20)	NA	ND(1.30)	NA	ND(1.30)
Tin	ND(10.0)	ND(10.0)	NA	ND(10.0)	NA	34.0
Vanadium	19.0	8.20	NA	8.30	NA	7.50
Zinc	90.0	63.0	NA	95.0	NA	200

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q17 14-15 04/22/03	RAA11-R6 0-1 05/07/03	RAA11-R8 0-1 04/29/03	RAA11-R8 1-3 04/29/03	RAA11-R8 3-6 04/29/03	RAA11-R8 4-6 04/29/03
Volatile Organics							
1,4-Dioxane		ND(0.12) J	ND(0.10) J	ND(0.10) J	ND(0.11) J	NA	ND(0.11) J
2-Butanone		0.26 E	ND(0.010)	ND(0.010)	ND(0.011)	NA	ND(0.011)
Acetone		0.38 E	ND(0.021)	ND(0.021) J	ND(0.023) J	NA	ND(0.022) J
Benzene		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Chlorobenzene		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Ethylbenzene		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Methylene Chloride		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Styrene		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Tetrachloroethene		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Toluene		ND(0.0062)	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Xylenes (total)		NA	ND(0.0053)	ND(0.0052)	ND(0.0057)	NA	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,2,4-Trichlorobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,2-Dichlorobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,2-Diphenylhydrazine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,3,5-Trinitrobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,3-Dichlorobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,3-Dinitrobenzene		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
1,4-Dichlorobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
1,4-Naphthoquinone		NA	ND(0.70) J	ND(0.70)	ND(0.77)	NA	NA
1-Naphthylamine		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
2,3,4,6-Tetrachlorophenol		NA	ND(0.35) J	ND(0.35)	ND(0.38)	NA	NA
2,4,5-Trichlorophenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2,4,6-Trichlorophenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2,4-Dichlorophenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2,4-Dimethylphenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2,4-Dinitrophenol		NA	ND(1.8)	ND(1.8) J	ND(1.9) J	NA	NA
2,4-Dinitrotoluene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2,6-Dichlorophenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2,6-Dinitrotoluene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2-Acetylaminofluorene		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
2-Chloronaphthalene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2-Chlorophenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2-Methylnaphthalene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2-Methylphenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
2-Naphthylamine		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
2-Nitroaniline		NA	ND(1.8)	ND(1.8)	ND(1.9)	NA	NA
2-Nitrophenol		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
2-Picoline		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
3&4-Methylphenol		NA	ND(0.70)	ND(0.70)	1.3	NA	NA
3,3'-Dichlorobenzidine		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
3,3'-Dimethylbenzidine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
3-Methylcholanthrene		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
3-Nitroaniline		NA	ND(1.8)	ND(1.8)	ND(1.9)	NA	NA
4,6-Dinitro-2-methylphenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
4-Aminobiphenyl		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
4-Bromophenyl-phenylether		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
4-Chloro-3-Methylphenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
4-Chloroaniline		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
4-Chlorobenzilate		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
4-Chlorophenyl-phenylether		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
4-Nitroaniline		NA	ND(1.8)	ND(1.8)	ND(1.9)	NA	NA
4-Nitrophenol		NA	ND(1.8) J	ND(1.8) J	ND(1.9) J	NA	NA
4-Nitroquinoline-1-oxide		NA	ND(0.70)	ND(0.70)	ND(0.77) J	NA	NA
4-Phenylenediamine		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
5-Nitro-o-toluidine		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
7,12-Dimethylbenz(a)anthracene		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
a,a'-Dimethylphenethylamine		NA	ND(0.70) J	ND(0.70) J	ND(0.77)	NA	NA
Acenaphthene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Acenaphthylene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Acetophenone		NA	ND(0.35)	ND(0.35) J	ND(0.38)	NA	NA
Aniline		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Anthracene		NA	ND(0.35)	ND(0.35)	0.29 J	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q17 14-15 04/22/03	RAA11-R6 0-1 05/07/03	RAA11-R8 0-1 04/29/03	RAA11-R8 1-3 04/29/03	RAA11-R8 3-6 04/29/03	RAA11-R8 4-6 04/29/03
Semivolatile Organics (continued)							
Aramite		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
Benzidine		NA	ND(0.70) J	ND(0.70)	ND(0.77) J	NA	NA
Benzo(a)anthracene		NA	ND(0.35)	ND(0.35)	0.50	NA	NA
Benzo(a)pyrene		NA	ND(0.35)	ND(0.35)	0.55	NA	NA
Benzo(b)fluoranthene		NA	0.096 J	ND(0.35)	0.72	NA	NA
Benzo(g,h,i)perylene		NA	ND(0.35)	ND(0.35)	0.39	NA	NA
Benzo(k)fluoranthene		NA	ND(0.35)	ND(0.35)	0.27 J	NA	NA
Benzyl Alcohol		NA	ND(0.70) J	ND(0.70)	ND(0.77)	NA	NA
bis(2-Chloroethoxy)methane		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
bis(2-Chloroethyl)ether		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
bis(2-Chloroisopropyl)ether		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
bis(2-Ethylhexyl)phthalate		NA	0.12 J	ND(0.34)	ND(0.38)	NA	NA
Butylbenzylphthalate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Chrysene		NA	ND(0.35)	ND(0.35)	0.48	NA	NA
Diallate		NA	ND(0.70) J	ND(0.70)	ND(0.77)	NA	NA
Dibenzo(a,h)anthracene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Dibenzofuran		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Diethylphthalate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Dimethylphthalate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Di-n-Butylphthalate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Di-n-Octylphthalate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Diphenylamine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Ethyl Methanesulfonate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Fluoranthene		NA	ND(0.35)	ND(0.35)	1.2	NA	NA
Fluorene		NA	ND(0.35)	ND(0.35)	0.12 J	NA	NA
Hexachlorobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Hexachlorobutadiene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Hexachlorocyclopentadiene		NA	ND(0.35) J	ND(0.35) J	ND(0.38) J	NA	NA
Hexachloroethane		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Hexachlorophene		NA	ND(0.70) J	ND(0.70) J	ND(0.77) J	NA	NA
Hexachloropropene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.35)	ND(0.35)	0.30 J	NA	NA
Isodrin		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Isophorone		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Isosafrole		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
Methapyrilene		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
Methyl Methanesulfonate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Naphthalene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Nitrobenzene		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitrosodiethylamine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitrosodimethylamine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitroso-di-n-butylamine		NA	ND(0.70)	ND(0.70)	ND(0.77) J	NA	NA
N-Nitroso-di-n-propylamine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitrosodiphenylamine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitrosomethylethylamine		NA	ND(0.70) J	ND(0.70)	ND(0.77)	NA	NA
N-Nitrosomorpholine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitrosopiperidine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
N-Nitrosopyrrolidine		NA	ND(0.70)	ND(0.70)	ND(0.77) J	NA	NA
o,o,o-Triethylphosphorothioate		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
o-Toluidine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
p-Dimethylaminoazobenzene		NA	ND(0.70)	0.24 J	ND(0.77)	NA	NA
Pentachlorobenzene		NA	ND(0.35) J	ND(0.35) J	ND(0.38) J	NA	NA
Pentachloroethane		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Pentachloronitrobenzene		NA	ND(0.70)	ND(0.70) J	ND(0.77) J	NA	NA
Pentachlorophenol		NA	ND(1.8)	ND(1.8)	ND(1.9)	NA	NA
Phenacetin		NA	ND(0.70)	ND(0.70)	ND(0.77)	NA	NA
Phenanthrene		NA	ND(0.35)	ND(0.35)	0.97	NA	NA
Phenol		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Pronamide		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Pyrene		NA	0.094 J	ND(0.35)	1.2	NA	NA
Pyridine		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Safrole		NA	ND(0.35)	ND(0.35)	ND(0.38)	NA	NA
Thionazin		NA	ND(0.35)	ND(0.35) J	ND(0.38)	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-Q17 14-15 04/22/03	RAA11-R6 0-1 05/07/03	RAA11-R8 0-1 04/29/03	RAA11-R8 1-3 04/29/03	RAA11-R8 3-6 04/29/03	RAA11-R8 4-6 04/29/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		NA	ND(0.0000018) X	ND(0.00000088)	0.0000031 J	0.0000014 J	NA
TCDFs (total)		NA	0.000034 I	ND(0.00000088)	0.000014	0.0000029	NA
1,2,3,7,8-PeCDF		NA	ND(0.0000029)	0.0000025 J	0.0000015 J	ND(0.0000010) X	NA
2,3,4,7,8-PeCDF		NA	0.0000019 J	ND(0.0000022)	0.0000021 J	ND(0.0000014) X	NA
PeCDFs (total)		NA	0.00011 I	0.000021	0.000018 QJ	0.0000051	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.0000048) X	ND(0.0000021) X	0.0000027 J	0.0000011 J	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.0000024)	0.0000010 J	0.0000016 J	0.0000011 J	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.0000032)	ND(0.0000022)	ND(0.0000018)	ND(0.0000020)	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.0000026)	ND(0.0000016) X	ND(0.0000012) X	ND(0.0000020)	NA
HxCDFs (total)		NA	0.000048	0.0000070	0.000014	0.0000057	NA
1,2,3,4,6,7,8-HpCDF		NA	0.000010 J	0.0000043 J	0.0000043 J	ND(0.0000019)	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000039)	ND(0.0000022)	ND(0.0000018)	ND(0.0000020)	NA
HpCDFs (total)		NA	0.000010	0.000011	0.0000043	ND(0.0000019)	NA
OCDF		NA	0.000017 J	0.0000067 J	0.0000062 J	ND(0.0000056)	NA
Dioxins							
2,3,7,8-TCDD		NA	ND(0.0000013)	ND(0.00000088)	ND(0.00000036) X	ND(0.00000082)	NA
TCDDs (total)		NA	ND(0.0000034)	ND(0.0000022)	ND(0.0000018)	ND(0.0000026)	NA
1,2,3,7,8-PeCDD		NA	ND(0.0000026)	ND(0.0000022)	ND(0.0000018)	ND(0.0000020)	NA
PeCDDs (total)		NA	ND(0.0000041)	ND(0.0000033)	ND(0.0000018)	ND(0.0000030)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.0000026)	ND(0.0000022)	ND(0.0000018)	ND(0.0000020)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.0000024)	ND(0.0000022)	ND(0.0000018)	ND(0.0000020)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.0000025)	ND(0.0000022)	ND(0.0000018)	ND(0.0000020)	NA
HxCDDs (total)		NA	ND(0.0000043)	ND(0.0000034)	0.0000013	ND(0.0000036)	NA
1,2,3,4,6,7,8-HpCDD		NA	0.000020 J	0.0000066 J	0.0000056 J	0.0000018 J	NA
HpCDDs (total)		NA	0.000042	0.000013	ND(0.0000056)	0.0000037	NA
OCDD		NA	0.00026	0.000083	0.000051	ND(0.000016)	NA
Total TEQs (WHO TEFs)		NA	0.0000044	0.0000031	0.0000035	0.0000027	NA
Inorganics							
Antimony		NA	ND(6.0)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		NA	1.30	3.30	4.50	5.80	NA
Barium		NA	17.0 B	24.0	34.0	31.0	NA
Beryllium		NA	ND(0.5)	0.200	0.320	0.240	NA
Cadmium		NA	ND(0.5)	0.120 B	0.280	0.320	NA
Chromium		NA	3.50	3.80	7.20	7.10	NA
Cobalt		NA	3.30 B	5.80	8.00	9.70	NA
Copper		NA	9.40	9.10	14.0	14.0	NA
Cyanide		NA	ND(0.530)	0.0630 B	ND(0.230)	ND(0.550)	NA
Lead		NA	5.80	13.0	15.0	8.10	NA
Mercury		NA	ND(0.100)	0.00620 B	0.100 B	0.0660 B	NA
Nickel		NA	6.10	8.30	15.0	17.0	NA
Selenium		NA	ND(1.00)	0.610 B	0.600 B	0.660 B	NA
Silver		NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		NA	54.0	36.0	95.0	900	NA
Thallium		NA	ND(1.00)	ND(1.00) J	ND(1.10) J	ND(1.10) J	NA
Tin		NA	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium		NA	3.70 B	4.00	16.0	8.00	NA
Zinc		NA	23.0	26.0	48.0	50.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-R8 10-12 04/29/03	RAA11-R8 10-15 04/29/03	RAA11-R16 0-1 04/24/03	RAA11-S3 0-1 04/29/03	RAA11-S3 1-3 04/29/03
Volatile Organics						
1,4-Dioxane		ND(0.11) J	NA	ND(0.12) J	ND(0.10) J	ND(0.11) J
2-Butanone		ND(0.011) J	NA	ND(0.012)	ND(0.010) J	ND(0.011) J
Acetone		0.014 J	NA	ND(0.0058) J	ND(0.021)	ND(0.022)
Benzene		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Chlorobenzene		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Ethylbenzene		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Methylene Chloride		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Styrene		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Tetrachloroethene		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Toluene		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Xylenes (total)		ND(0.0056)	NA	ND(0.0058)	ND(0.0053)	ND(0.0054)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		NA	ND(0.41)	ND(0.39) J	ND(0.35)	ND(0.36)
1,2,4-Trichlorobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
1,2-Dichlorobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
1,2-Diphenylhydrazine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
1,3,5-Trinitrobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
1,3-Dichlorobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
1,3-Dinitrobenzene		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
1,4-Dichlorobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
1,4-Naphthoquinone		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
1-Naphthylamine		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
2,3,4,6-Tetrachlorophenol		NA	ND(0.41)	ND(0.39) J	ND(0.35)	ND(0.36)
2,4,5-Trichlorophenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2,4,6-Trichlorophenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2,4-Dichlorophenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2,4-Dimethylphenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2,4-Dinitrophenol		NA	ND(2.1) J	ND(2.0)	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2,6-Dichlorophenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2,6-Dinitrotoluene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2-Acetylaminofluorene		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
2-Chloronaphthalene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2-Chlorophenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2-Methylnaphthalene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2-Methylphenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
2-Naphthylamine		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
2-Nitroaniline		NA	ND(2.1)	ND(2.0)	ND(1.8)	ND(1.8)
2-Nitrophenol		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
2-Picoline		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
3&4-Methylphenol		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
3,3'-Dichlorobenzidine		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
3,3'-Dimethylbenzidine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
3-Methylcholanthrene		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
3-Nitroaniline		NA	ND(2.1)	ND(2.0)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
4-Aminobiphenyl		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
4-Bromophenyl-phenylether		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
4-Chloro-3-Methylphenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
4-Chloroaniline		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
4-Chlorobenzilate		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
4-Chlorophenyl-phenylether		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
4-Nitroaniline		NA	ND(2.1)	ND(2.0)	ND(1.8)	ND(1.8)
4-Nitrophenol		NA	ND(2.1) J	ND(2.0) J	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide		NA	ND(0.82)	ND(0.78) J	ND(0.71) J	ND(0.73)
4-Phenylenediamine		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
5-Nitro-o-toluidine		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
7,12-Dimethylbenz(a)anthracene		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
a,a'-Dimethylphenethylamine		NA	ND(0.82) J	ND(0.78) J	ND(0.71)	ND(0.73)
Acenaphthene		NA	ND(0.41)	0.84	ND(0.35)	0.24 J
Acenaphthylene		NA	ND(0.41)	0.26 J	0.36	0.44
Acetophenone		NA	ND(0.41) J	ND(0.39)	ND(0.35)	ND(0.36)
Aniline		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Anthracene		NA	ND(0.41)	0.18 J	0.31 J	0.48

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-R8 10-12 04/29/03	RAA11-R8 10-15 04/29/03	RAA11-R16 0-1 04/24/03	RAA11-S3 0-1 04/29/03	RAA11-S3 1-3 04/29/03
Semivolatile Organics (continued)						
Aramite		NA	ND(0.82)	ND(0.78) J	ND(0.71)	ND(0.73)
Benzidine		NA	ND(0.82)	ND(0.78) J	ND(0.71) J	ND(0.73)
Benzo(a)anthracene		NA	ND(0.41)	0.48	0.78	0.71
Benzo(a)pyrene		NA	ND(0.41)	0.51	1.1	0.89
Benzo(b)fluoranthene		NA	ND(0.41)	0.66	1.4	1.0
Benzo(g,h,i)perylene		NA	ND(0.41)	0.37 J	0.84	0.57
Benzo(k)fluoranthene		NA	ND(0.41)	0.25 J	0.58	0.41
Benzyl Alcohol		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
bis(2-Chloroethoxy)methane		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36) J
bis(2-Chloroethyl)ether		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
bis(2-Chloroisopropyl)ether		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
bis(2-Ethylhexyl)phthalate		NA	ND(0.40)	ND(0.39)	ND(0.35)	ND(0.36)
Butylbenzylphthalate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Chrysene		NA	ND(0.41)	0.42	0.73	0.67
Diallate		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
Dibenzo(a,h)anthracene		NA	ND(0.41)	0.094 J	0.20 J	0.082 J
Dibenzofuran		NA	ND(0.41)	ND(0.39)	ND(0.35)	0.25 J
Diethylphthalate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Dimethylphthalate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Di-n-Butylphthalate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Di-n-Octylphthalate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Diphenylamine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Ethyl Methanesulfonate		NA	ND(0.41)	ND(0.39) J	ND(0.35)	ND(0.36)
Fluoranthene		NA	0.11 J	1.1	1.5	1.8
Fluorene		NA	ND(0.41)	0.089 J	0.088 J	0.51
Hexachlorobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Hexachlorobutadiene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Hexachlorocyclopentadiene		NA	ND(0.41) J	ND(0.39)	ND(0.35) J	ND(0.36) J
Hexachloroethane		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Hexachlorophene		NA	ND(0.82) J	ND(0.78) J	ND(0.71) J	ND(0.73) J
Hexachloropropene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Indeno(1,2,3-cd)pyrene		NA	ND(0.41)	0.31 J	0.65	0.45
Isodrin		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Isophorone		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Isosafrole		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
Methapyrilene		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
Methyl Methanesulfonate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Naphthalene		NA	0.084 J	ND(0.39)	ND(0.35)	ND(0.36)
Nitrobenzene		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
N-Nitrosodiethylamine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
N-Nitrosodimethylamine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
N-Nitroso-di-n-butylamine		NA	ND(0.82)	ND(0.78)	ND(0.71) J	ND(0.73)
N-Nitroso-di-n-propylamine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
N-Nitrosodiphenylamine		NA	ND(0.41)	ND(0.39)	ND(0.35)	0.086 J
N-Nitrosomethylethylamine		NA	ND(0.82)	ND(0.78) J	ND(0.71)	ND(0.73)
N-Nitrosomorpholine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
N-Nitrosopiperidine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
N-Nitrosopyrrolidine		NA	ND(0.82)	ND(0.78)	ND(0.71) J	ND(0.73)
o,o,o-Triethylphosphorothioate		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
o-Toluidine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
p-Dimethylaminoazobenzene		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
Pentachlorobenzene		NA	ND(0.41) J	ND(0.39) J	ND(0.35) J	ND(0.36)
Pentachloroethane		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Pentachloronitrobenzene		NA	ND(0.82) J	ND(0.78) J	ND(0.71) J	ND(0.73)
Pentachlorophenol		NA	ND(2.1)	ND(2.0)	ND(1.8)	ND(1.8)
Phenacetin		NA	ND(0.82)	ND(0.78)	ND(0.71)	ND(0.73)
Phenanthrene		NA	0.10 J	0.68	0.68	2.1
Phenol		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Pronamide		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Pyrene		NA	0.12 J	0.98	1.4	2.0
Pyridine		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Safrole		NA	ND(0.41)	ND(0.39)	ND(0.35)	ND(0.36)
Thionazin		NA	ND(0.41) J	ND(0.39)	ND(0.35)	ND(0.36)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

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Organochlorine Pesticides						
Aldrin		NA	NA	NA	ND(0.0080)	NA
Alpha-Chlordane		NA	NA	NA	ND(0.0080)	NA
Technical Chlordane		NA	NA	NA	ND(0.088)	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	--	NA
Herbicides						
None Detected		NA	NA	NA	--	NA
Furans						
2,3,7,8-TCDF		NA	ND(0.0000016) X	0.000014 YJ	0.0000020 J	ND(0.0000016) X
TCDFs (total)		NA	0.000011	0.00032 IQJ	0.0000020	ND(0.0000015)
1,2,3,7,8-PeCDF		NA	0.0000015 J	ND(0.0000086) XQJ	ND(0.0000027)	ND(0.0000027)
2,3,4,7,8-PeCDF		NA	ND(0.0000020) X	0.000021 QJ	0.0000019 J	ND(0.0000017) X
PeCDFs (total)		NA	0.000010	0.00065 IQJ	0.000016 QJ	0.0000028 QJ
1,2,3,4,7,8-HxCDF		NA	0.0000017 J	0.0000065	ND(0.0000027)	ND(0.00000075) X
1,2,3,6,7,8-HxCDF		NA	ND(0.0000022) X	0.000013	ND(0.0000027)	0.00000088 J
1,2,3,7,8,9-HxCDF		NA	ND(0.0000030)	0.0000038 QJ	ND(0.0000027)	ND(0.0000027)
2,3,4,6,7,8-HxCDF		NA	0.0000024 J	0.0000079	ND(0.0000027)	ND(0.0000027)
HxCDFs (total)		NA	0.0000083	0.00034	0.0000096	0.0000041
1,2,3,4,6,7,8-HpCDF		NA	ND(0.0000058) X	0.000018	ND(0.0000034)	ND(0.0000017) X
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000030)	0.0000030 J	ND(0.0000027)	ND(0.0000027)
HpCDFs (total)		NA	ND(0.0000016)	0.000042 QJ	ND(0.0000072)	ND(0.0000027)
OCDF		NA	ND(0.0000061)	0.000030	ND(0.0000057)	ND(0.0000054)
Dioxins						
2,3,7,8-TCDD		NA	ND(0.0000013)	ND(0.00000024) XQJ	ND(0.0000015)	ND(0.0000014)
TCDDs (total)		NA	ND(0.0000036)	0.0000020 QJ	ND(0.0000039)	ND(0.0000039)
1,2,3,7,8-PeCDD		NA	ND(0.0000030)	0.0000022 J	ND(0.0000027)	ND(0.0000027)
PeCDDs (total)		NA	ND(0.0000060)	0.0000022 QJ	ND(0.0000047)	ND(0.0000046)
1,2,3,4,7,8-HxCDD		NA	ND(0.0000030)	ND(0.0000011)	ND(0.0000027)	ND(0.0000027)
1,2,3,6,7,8-HxCDD		NA	ND(0.0000030)	0.0000018 J	ND(0.0000027)	ND(0.0000027)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000030)	ND(0.0000015) XQJ	ND(0.0000027)	ND(0.0000027)
HxCDDs (total)		NA	0.0000018	0.000013 QJ	ND(0.0000046)	ND(0.0000050)
1,2,3,4,6,7,8-HpCDD		NA	0.0000031 J	0.000019	0.0000065 J	0.0000038 J
HpCDDs (total)		NA	0.0000061	0.000040	0.000012	0.0000038
OCDD		NA	ND(0.0000098)	0.00019	ND(0.000042)	ND(0.000017)
Total TEQs (WHO TEFs)		NA	0.0000040	0.000018	0.0000044	0.0000035
Inorganics						
Antimony		NA	5.80	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		NA	8.10	6.80	6.70	5.50
Barium		NA	50.0	47.0	19.0	26.0
Beryllium		NA	0.210	0.280 B	0.300	0.240
Cadmium		NA	0.480	0.620	0.260	0.260
Chromium		NA	8.60	7.60	9.20	6.90
Cobalt		NA	9.10	8.60	6.40	7.60
Copper		NA	180	31.0	14.0	14.0
Cyanide		NA	0.310	0.210 B	0.0310 B	0.520 B
Lead		NA	2000	120	14.0	11.0
Mercury		NA	4.40	0.590	0.0190 B	ND(0.110)
Nickel		NA	15.0	14.0	12.0	15.0
Selenium		NA	3.60	0.660 B	0.600 B	ND(1.00)
Silver		NA	ND(1.00)	0.160 B	ND(1.00)	ND(1.00)
Sulfide		NA	72.0	870	17.0	160
Thallium		NA	ND(1.20) J	ND(1.20)	ND(1.00) J	ND(1.10) J
Tin		NA	29.0	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		NA	16.0	8.50	7.40	8.30
Zinc		NA	220	82.0	38.0	44.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA11-S3	RAA11-S3	RAA11-S5	RAA11-S7	RAA11-S9	RAA11-S11
Sample Depth(Feet):	3-6	4-6	0-1	0-1	0-1	0-1
Date Collected:	04/29/03	04/29/03	04/28/03	04/29/03	04/29/03	05/01/03
Volatile Organics						
1,4-Dioxane	NA	ND(0.12) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.10) J
2-Butanone	NA	ND(0.012) J	ND(0.011)	ND(0.011) J	ND(0.011) J	ND(0.010)
Acetone	NA	0.024	ND(0.021) J	ND(0.022)	ND(0.022)	ND(0.021) J
Benzene	NA	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Chlorobenzene	NA	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Ethylbenzene	NA	0.0033 J	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Methylene Chloride	NA	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Styrene	NA	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Tetrachloroethene	NA	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Toluene	NA	ND(0.0058)	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Xylenes (total)	NA	0.0052 J	ND(0.0053)	ND(0.0056)	ND(0.0054)	ND(0.0053)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
1,2-Dichlorobenzene	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
1,2-Diphenylhydrazine	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
1,3,5-Trinitrobenzene	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
1,3-Dichlorobenzene	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
1,3-Dinitrobenzene	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
1,4-Dichlorobenzene	ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
1,4-Naphthoquinone	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
1-Naphthylamine	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
2,3,4,6-Tetrachlorophenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2,4,5-Trichlorophenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2,4,6-Trichlorophenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2,4-Dichlorophenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2,4-Dimethylphenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2,4-Dinitrophenol	ND(2.0) J	NA	ND(1.8)	ND(1.9) J	ND(1.8) J	ND(1.8) J
2,4-Dinitrotoluene	ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
2,6-Dichlorophenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2,6-Dinitrotoluene	ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
2-Acetylaminofluorene	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
2-Chloronaphthalene	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2-Chlorophenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2-Methylnaphthalene	1.4	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2-Methylphenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
2-Naphthylamine	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
2-Nitroaniline	ND(2.0)	NA	ND(1.8) J	ND(1.9)	ND(1.8)	ND(1.8)
2-Nitrophenol	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
2-Picoline	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
3&4-Methylphenol	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
3,3'-Dichlorobenzidine	ND(0.77)	NA	ND(0.71) J	ND(0.74)	ND(0.72)	ND(0.71)
3,3'-Dimethylbenzidine	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
3-Methylcholanthrene	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
3-Nitroaniline	ND(2.0)	NA	ND(1.8) J	ND(1.9)	ND(1.8)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35) J
4-Aminobiphenyl	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
4-Bromophenyl-phenylether	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
4-Chloro-3-Methylphenol	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
4-Chloroaniline	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
4-Chlorobenzilate	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
4-Chlorophenyl-phenylether	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
4-Nitroaniline	ND(2.0)	NA	ND(1.8) J	ND(1.9)	ND(1.8)	ND(1.8)
4-Nitrophenol	ND(2.0) J	NA	ND(1.8) J	ND(1.9) J	ND(1.8) J	ND(1.8) J
4-Nitroquinoline-1-oxide	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71) J
4-Phenylenediamine	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
5-Nitro-o-toluidine	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
7,12-Dimethylbenz(a)anthracene	ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
a,a'-Dimethylphenethylamine	ND(0.77)	NA	ND(0.71) J	ND(0.74)	ND(0.72)	ND(0.71) J
Acenaphthene	2.8	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Acenaphthylene	1.2	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Acetophenone	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Aniline	ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Anthracene	5.6	NA	0.092 J	ND(0.37)	ND(0.36)	ND(0.35)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S3 3-6 04/29/03	RAA11-S3 4-6 04/29/03	RAA11-S5 0-1 04/28/03	RAA11-S7 0-1 04/29/03	RAA11-S9 0-1 04/29/03	RAA11-S11 0-1 05/01/03
Semivolatile Organics (continued)							
Aramite		ND(0.77)	NA	ND(0.71) J	ND(0.74)	ND(0.72)	ND(0.71)
Benzidine		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71) J
Benzo(a)anthracene		6.0	NA	0.20 J	ND(0.37)	ND(0.36)	0.14 J
Benzo(a)pyrene		5.5	NA	0.30 J	ND(0.37)	ND(0.36)	0.14 J
Benzo(b)fluoranthene		6.4	NA	0.11 J	0.081 J	ND(0.36)	0.18 J
Benzo(g,h,i)perylene		2.9	NA	0.15 J	ND(0.37)	ND(0.36)	ND(0.35)
Benzo(k)fluoranthene		2.6	NA	0.26 J	ND(0.37)	ND(0.36)	0.082 J
Benzyl Alcohol		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
bis(2-Chloroethoxy)methane		ND(0.38) J	NA	ND(0.36)	ND(0.37) J	ND(0.36) J	ND(0.35)
bis(2-Chloroethyl)ether		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
bis(2-Chloroisopropyl)ether		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
bis(2-Ethylhexyl)phthalate		ND(0.38)	NA	ND(0.35) J	ND(0.37)	ND(0.35)	ND(0.35)
Butylbenzylphthalate		ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
Chrysene		5.6	NA	0.28 J	ND(0.37)	ND(0.36)	0.13 J
Diallate		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71) J
Dibenzo(a,h)anthracene		0.77	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Dibenzofuran		2.2	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Diethylphthalate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Dimethylphthalate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Di-n-Butylphthalate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Di-n-Octylphthalate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Diphenylamine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Ethyl Methanesulfonate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Fluoranthene		17	NA	0.43	ND(0.37)	ND(0.36)	0.29 J
Fluorene		5.0	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Hexachlorobenzene		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Hexachlorobutadiene		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Hexachlorocyclopentadiene		ND(0.38) J	NA	ND(0.36)	ND(0.37) J	ND(0.36) J	ND(0.35) J
Hexachloroethane		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Hexachlorophene		ND(0.77) J	NA	ND(0.71) J	ND(0.74) J	ND(0.72) J	ND(0.71) J
Hexachloropropene		ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
Indeno(1,2,3-cd)pyrene		2.5	NA	0.078 J	ND(0.37)	ND(0.36)	ND(0.35)
Isodrin		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Isophorone		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Isosafrole		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
Methapyrilene		ND(0.77)	NA	ND(0.71) J	ND(0.74)	ND(0.72)	ND(0.71)
Methyl Methanesulfonate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Naphthalene		1.4	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Nitrobenzene		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitrosodiethylamine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitrosodimethylamine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitroso-di-n-butylamine		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71) J
N-Nitroso-di-n-propylamine		ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitrosodiphenylamine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitrosomethylethylamine		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
N-Nitrosomorpholine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitrosopiperidine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
N-Nitrosopyrrolidine		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71) J
o,o,o-Triethylphosphorothioate		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
o-Toluidine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35) J
p-Dimethylaminoazobenzene		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71)
Pentachlorobenzene		ND(0.38)	NA	ND(0.36) J	ND(0.37)	ND(0.36)	ND(0.35) J
Pentachloroethane		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Pentachloronitrobenzene		ND(0.77)	NA	ND(0.71)	ND(0.74)	ND(0.72)	ND(0.71) J
Pentachlorophenol		ND(2.0)	NA	ND(1.8)	ND(1.9)	ND(1.8)	ND(1.8)
Phenacetin		ND(0.77)	NA	ND(0.71) J	ND(0.74)	ND(0.72)	ND(0.71)
Phenanthrene		23	NA	0.29 J	ND(0.37)	ND(0.36)	0.14 J
Phenol		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Pronamide		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Pyrene		13	NA	0.88	ND(0.37)	ND(0.36)	ND(0.35)
Pyridine		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Safrole		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)
Thionazin		ND(0.38)	NA	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.35)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S3 3-6 04/29/03	RAA11-S3 4-6 04/29/03	RAA11-S5 0-1 04/28/03	RAA11-S7 0-1 04/29/03	RAA11-S9 0-1 04/29/03	RAA11-S11 0-1 05/01/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	ND(0.0080)
Alpha-Chlordane		NA	NA	NA	NA	NA	ND(0.0080)
Technical Chlordane		NA	NA	NA	NA	NA	ND(0.088)
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	--
Herbicides							
None Detected		NA	NA	NA	NA	NA	--
Furans							
2,3,7,8-TCDF		0.0000086 J	NA	0.0000040 J	0.0000032 J	ND(0.0000015)	ND(0.0000039) X
TCDFs (total)		0.000081 QJ	NA	0.0000099	0.000041	ND(0.0000015)	0.000060
1,2,3,7,8-PeCDF		ND(0.0000034) X	NA	ND(0.0000013) X	ND(0.0000018) X	ND(0.0000025)	ND(0.0000023) X
2,3,4,7,8-PeCDF		ND(0.0000067) X	NA	ND(0.0000038) X	0.0000018 J	ND(0.0000025)	0.0000083 J
PeCDFs (total)		0.000049 QJ	NA	0.000046 QJ	0.000037	ND(0.0000025)	0.00011
1,2,3,4,7,8-HxCDF		ND(0.0000040) X	NA	0.0000028 J	0.0000044 J	ND(0.0000025)	ND(0.0000068) X
1,2,3,6,7,8-HxCDF		0.0000031 J	NA	0.0000018 J	0.0000027 J	ND(0.0000025)	ND(0.0000054) X
1,2,3,7,8,9-HxCDF		ND(0.0000033)	NA	ND(0.0000028)	ND(0.0000022)	ND(0.0000025)	ND(0.0000032)
2,3,4,6,7,8-HxCDF		0.0000028 J	NA	0.0000020 J	ND(0.0000016) X	ND(0.0000025)	0.0000040 J
HxCDFs (total)		0.000033	NA	0.000028	0.000016	ND(0.0000025)	0.000052
1,2,3,4,6,7,8-HpCDF		ND(0.0000072)	NA	ND(0.0000076) X	ND(0.0000043)	ND(0.0000018) X	0.000010 J
1,2,3,4,7,8,9-HpCDF		ND(0.0000029)	NA	ND(0.0000040)	ND(0.0000022)	ND(0.0000034)	0.0000020 J
HpCDFs (total)		0.000016	NA	0.000015	ND(0.0000043)	ND(0.0000029)	0.000025
OCDF		0.000020 J	NA	0.000026 J	ND(0.0000041) X	ND(0.0000022) X	0.000014 J
Dioxins							
2,3,7,8-TCDD		ND(0.0000015)	NA	ND(0.0000027)	ND(0.00000089)	ND(0.0000011)	ND(0.0000011)
TCDDs (total)		ND(0.0000038)	NA	ND(0.0000027)	ND(0.0000030)	ND(0.0000035)	ND(0.0000027)
1,2,3,7,8-PeCDD		ND(0.0000026)	NA	ND(0.0000025)	ND(0.0000022)	ND(0.0000025)	ND(0.0000023)
PeCDDs (total)		0.0000020	NA	ND(0.0000025)	ND(0.0000036)	ND(0.0000046)	ND(0.0000043)
1,2,3,4,7,8-HxCDD		ND(0.0000040)	NA	ND(0.0000025)	ND(0.0000022)	ND(0.0000025)	ND(0.0000025)
1,2,3,6,7,8-HxCDD		ND(0.0000036)	NA	ND(0.0000025)	ND(0.0000022)	ND(0.0000025)	0.0000036 J
1,2,3,7,8,9-HxCDD		ND(0.0000040)	NA	ND(0.0000025)	ND(0.0000022)	ND(0.0000025)	0.0000018 J
HxCDDs (total)		ND(0.0000038)	NA	0.0000016	ND(0.0000022)	ND(0.0000025)	0.0000053
1,2,3,4,6,7,8-HpCDD		ND(0.000014) X	NA	0.000020 J	0.0000046 J	0.0000042 J	0.000089
HpCDDs (total)		0.000014	NA	0.000042	0.0000083	0.0000042	0.00014
OCDD		0.00019	NA	0.00028	ND(0.000026)	ND(0.000030)	0.00025
Total TEQs (WHO TEFs)		0.0000063	NA	0.0000054	0.0000041	0.0000035	0.0000090
Inorganics							
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.0)
Arsenic		7.10	NA	2.40	5.40	3.20	3.40
Barium		48.0	NA	13.0 B	32.0	14.0	21.0
Beryllium		0.220	NA	0.200 B	0.320	0.170	0.150 B
Cadmium		0.370	NA	ND(0.500)	0.310	0.150 B	0.150 B
Chromium		8.50	NA	4.70	7.80	5.20	9.50
Cobalt		9.00	NA	4.70 B	8.00	4.80	5.40
Copper		23.0	NA	13.0	18.0	13.0	20.0
Cyanide		0.0670 B	NA	0.0500 B	ND(0.560)	ND(0.110)	ND(0.210) J
Lead		91.0	NA	8.70	24.0	7.20	37.0
Mercury		0.130 B	NA	0.0330 B	0.0740 B	0.0240 B	0.0540 J
Nickel		16.0	NA	8.80	16.0	9.00	10.0
Selenium		ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00) J
Silver		ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		45.0	NA	17.0	360	25.0	30.0 J
Thallium		ND(1.20) J	NA	ND(1.10) J	ND(1.10) J	ND(1.10) J	ND(1.00) J
Tin		ND(10.0)	NA	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		11.0	NA	4.90 B	8.30	4.50	5.60
Zinc		90.0	NA	30.0	60.0	31.0	48.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA11-S11 1-3 05/01/03	RAA11-S11 3-6 05/01/03	RAA11-S11 4-6 05/01/03	RAA11-S11 10-12 05/01/03	RAA11-S11 10-15 05/01/03	RAA11-S13 0-1 04/23/03
Volatile Organics						
1,4-Dioxane	ND(0.11) J	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.11) J
2-Butanone	ND(0.011)	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.022) J	NA	0.014 J	ND(0.023) J	NA	ND(0.022) J
Benzene	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Chlorobenzene	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Ethylbenzene	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Methylene Chloride	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Styrene	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Tetrachloroethene	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Toluene	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Xylenes (total)	ND(0.0054)	NA	ND(0.0056)	ND(0.0057)	NA	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,2,4-Trichlorobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,2-Dichlorobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,2-Diphenylhydrazine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,3,5-Trinitrobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,3-Dichlorobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,3-Dinitrobenzene	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
1,4-Dichlorobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
1,4-Naphthoquinone	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
1-Naphthylamine	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
2,3,4,6-Tetrachlorophenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37) J
2,4,5-Trichlorophenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2,4,6-Trichlorophenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2,4-Dichlorophenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2,4-Dimethylphenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2,4-Dinitrophenol	R	ND(1.9) J	NA	NA	ND(2.0) J	ND(1.9) J
2,4-Dinitrotoluene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2,6-Dichlorophenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2,6-Dinitrotoluene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2-Acetylaminofluorene	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
2-Chloronaphthalene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2-Chlorophenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2-Methylnaphthalene	R	0.092 J	NA	NA	ND(0.39)	0.083 J
2-Methylphenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
2-Naphthylamine	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
2-Nitroaniline	R	ND(1.9)	NA	NA	ND(2.0)	ND(1.9)
2-Nitrophenol	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
2-Picoline	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
3&4-Methylphenol	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
3,3'-Dichlorobenzidine	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
3,3'-Dimethylbenzidine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
3-Methylcholanthrene	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
3-Nitroaniline	R	ND(1.9)	NA	NA	ND(2.0)	ND(1.9)
4,6-Dinitro-2-methylphenol	R	ND(0.38) J	NA	NA	ND(0.39) J	ND(0.37) J
4-Aminobiphenyl	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
4-Bromophenyl-phenylether	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
4-Chloro-3-Methylphenol	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
4-Chloroaniline	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
4-Chlorobenzilate	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
4-Chlorophenyl-phenylether	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
4-Nitroaniline	R	ND(1.9)	NA	NA	ND(2.0)	ND(1.9)
4-Nitrophenol	R	ND(1.9) J	NA	NA	ND(2.0) J	ND(1.9) J
4-Nitroquinoline-1-oxide	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74) J
4-Phenylenediamine	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
5-Nitro-o-toluidine	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
a,a'-Dimethylphenethylamine	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74) J
Acenaphthene	R	0.17 J	NA	NA	ND(0.39)	ND(0.37)
Acenaphthylene	0.074 J	0.37 J	NA	NA	ND(0.39)	0.46
Acetophenone	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Aniline	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Anthracene	R	0.51	NA	NA	ND(0.39)	ND(0.37)

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Semivolatile Organics (continued)						
Aramite	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
Benzidine	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74) J
Benzo(a)anthracene	0.15 J	1.1	NA	NA	0.11 J	0.72
Benzo(a)pyrene	0.20 J	1.2	NA	NA	0.10 J	1.2
Benzo(b)fluoranthene	0.23 J	1.6	NA	NA	ND(0.39)	1.4
Benzo(g,h,i)perylene	R	0.82	NA	NA	ND(0.39)	1.0
Benzo(k)fluoranthene	R	0.62	NA	NA	ND(0.39)	0.48
Benzyl Alcohol	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74) J
bis(2-Chloroethoxy)methane	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
bis(2-Chloroethyl)ether	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
bis(2-Chloroisopropyl)ether	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
bis(2-Ethylhexyl)phthalate	R	ND(0.37)	NA	NA	ND(0.39)	ND(0.37)
Butylbenzylphthalate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Chrysene	0.18 J	1.2	NA	NA	0.096 J	0.73
Diallate	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74)
Dibenzo(a,h)anthracene	R	0.21 J	NA	NA	ND(0.39)	0.23 J
Dibenzofuran	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Diethylphthalate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Dimethylphthalate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Di-n-Butylphthalate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Di-n-Octylphthalate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Diphenylamine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Ethyl Methanesulfonate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Fluoranthene	0.28 J	3.0	NA	NA	0.21 J	1.2
Fluorene	R	0.42	NA	NA	ND(0.39)	0.081 J
Hexachlorobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Hexachlorobutadiene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Hexachlorocyclopentadiene	R	ND(0.38) J	NA	NA	ND(0.39) J	ND(0.37) J
Hexachloroethane	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Hexachlorophene	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74) J
Hexachloropropene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.12 J	0.66	NA	NA	ND(0.39)	0.75
Isodrin	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Isophorone	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Isosafrole	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
Methapyrilene	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
Methyl Methanesulfonate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Naphthalene	R	0.13 J	NA	NA	ND(0.39)	0.14 J
Nitrobenzene	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitrosodiethylamine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitrosodimethylamine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitroso-di-n-butylamine	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74)
N-Nitroso-di-n-propylamine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitrosodiphenylamine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitrosomethylethylamine	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
N-Nitrosomorpholine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitrosopiperidine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
N-Nitrosopyrrolidine	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74)
o,o,o-Triethylphosphorothioate	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
o-Toluidine	R	ND(0.38) J	NA	NA	ND(0.39) J	ND(0.37)
p-Dimethylaminoazobenzene	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
Pentachlorobenzene	R	ND(0.38) J	NA	NA	ND(0.39) J	ND(0.37) J
Pentachloroethane	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Pentachloronitrobenzene	R	ND(0.76) J	NA	NA	ND(0.79) J	ND(0.74) J
Pentachlorophenol	R	ND(1.9)	NA	NA	ND(2.0)	ND(1.9)
Phenacetin	R	ND(0.76)	NA	NA	ND(0.79)	ND(0.74)
Phenanthrene	0.12 J	2.4	NA	NA	0.14 J	0.50
Phenol	R	ND(0.38)	NA	NA	ND(0.39)	0.58
Pronamide	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Pyrene	R	2.5	NA	NA	0.19 J	1.4
Pyridine	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Safrole	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)
Thionazin	R	ND(0.38)	NA	NA	ND(0.39)	ND(0.37)

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Organochlorine Pesticides							
Aldrin		ND(0.0080)	NA	NA	NA	NA	NA
Alpha-Chlordane		ND(0.0080)	NA	NA	NA	NA	NA
Technical Chlordane		ND(0.090)	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		--	NA	NA	NA	NA	NA
Herbicides							
None Detected		--	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.000022 Y	0.000058 Y	NA	NA	0.0000011 J	0.0000094 Y
TCDFs (total)		0.00018	0.00041	NA	NA	0.0000011	0.00011 I
1,2,3,7,8-PeCDF		0.000015 J	0.000034	NA	NA	ND(0.0000023)	0.000022
2,3,4,7,8-PeCDF		0.000024	0.000045	NA	NA	0.0000013 J	0.0000056 J
PeCDFs (total)		0.00022	0.00042 QJ	NA	NA	0.0000032	0.00012 QJ
1,2,3,4,7,8-HxCDF		0.000051	0.000077	NA	NA	ND(0.0000023)	0.0000029 J
1,2,3,6,7,8-HxCDF		0.000033	0.000044	NA	NA	ND(0.0000023)	ND(0.0000023)
1,2,3,7,8,9-HxCDF		0.0000052 J	0.000011 J	NA	NA	ND(0.0000023)	ND(0.0000020)
2,3,4,6,7,8-HxCDF		0.000013 J	0.000023 J	NA	NA	ND(0.0000023)	0.0000035 J
HxCDFs (total)		0.00024	0.00034	NA	NA	0.0000051	0.000061
1,2,3,4,6,7,8-HpCDF		0.000046	0.000071	NA	NA	0.000013 J	0.000011 J
1,2,3,4,7,8,9-HpCDF		ND(0.000014) X	0.000017 J	NA	NA	ND(0.0000025)	ND(0.0000014) X
HpCDFs (total)		0.000051	0.00012	NA	NA	0.000017	0.000026
OCDF		0.000037 J	0.000053	NA	NA	0.0000078 J	0.000023 J
Dioxins							
2,3,7,8-TCDD		ND(0.0000012)	ND(0.0000018)	NA	NA	ND(0.0000011)	ND(0.00000079)
TCDDs (total)		ND(0.0000027)	ND(0.0000043)	NA	NA	ND(0.0000031)	ND(0.0000033)
1,2,3,7,8-PeCDD		ND(0.0000020)	ND(0.000023) X	NA	NA	ND(0.0000023)	ND(0.0000020)
PeCDDs (total)		0.0000027	ND(0.0000026)	NA	NA	ND(0.0000041)	0.0000014 QJ
1,2,3,4,7,8-HxCDD		ND(0.0000020)	0.0000019 J	NA	NA	ND(0.0000026)	0.0000012 J
1,2,3,6,7,8-HxCDD		0.0000011 J	ND(0.0000022) X	NA	NA	ND(0.0000023)	0.0000018 J
1,2,3,7,8,9-HxCDD		ND(0.0000013) X	0.0000045 J	NA	NA	ND(0.0000026)	0.0000017 J
HxCDDs (total)		0.0000039	0.000021	NA	NA	ND(0.0000045)	0.0000047
1,2,3,4,6,7,8-HpCDD		0.0000072 J	0.000022 J	NA	NA	ND(0.0000042)	0.000035
HpCDDs (total)		0.000015	0.000042	NA	NA	ND(0.0000042)	0.000068
OCDD		0.000039 J	0.000091	NA	NA	ND(0.0000057) X	0.00029
Total TEQs (WHO TEFs)		0.000028	0.000060	NA	NA	0.0000035	0.0000081
Inorganics							
Antimony		ND(6.0)	ND(6.0)	NA	NA	ND(6.0)	ND(6.00)
Arsenic		3.30	4.80	NA	NA	3.10	6.50
Barium		24.0	35.0	NA	NA	16.0 B	27.0
Beryllium		0.260 B	0.330 B	NA	NA	0.180 B	0.200 B
Cadmium		0.150 B	0.320 B	NA	NA	0.140 B	ND(0.500)
Chromium		6.20	8.00	NA	NA	4.60	9.40 J
Cobalt		6.10	6.80	NA	NA	5.80	7.40
Copper		26.0	36.0	NA	NA	9.50	28.0 J
Cyanide		ND(0.540) J	0.120 J	NA	NA	ND(0.590) J	0.110 B
Lead		24.0	75.0	NA	NA	5.60	64.0 J
Mercury		0.0310 J	0.0950J	NA	NA	ND(0.120) J	0.0390 B
Nickel		11.0	13.0	NA	NA	8.10	14.0
Selenium		ND(1.00) J	ND(1.00) J	NA	NA	ND(1.00) J	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	NA	NA	ND(1.00)	ND(1.00)
Sulfide		46.0 J	63.0 J	NA	NA	11.0 J	20.0 J
Thallium		2.30 J	ND(1.10) J	NA	NA	2.10 J	ND(1.10) J
Tin		ND(10.0)	ND(10.0)	NA	NA	ND(10.0)	ND(10.0)
Vanadium		6.00	7.10	NA	NA	6.30	8.30
Zinc		46.0	83.0	NA	NA	33.0	76.0 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S15 0-1 04/23/03	RAA11-S15 1-3 04/23/03	RAA11-S15 3-6 04/23/03	RAA11-S15 4-6 04/23/03	RAA11-S17 0-1 04/23/03
Volatile Organics						
1,4-Dioxane		ND(0.11) J	ND(0.11) J	NA	ND(0.11) J	ND(0.12) J
2-Butanone		ND(0.011)	ND(0.011)	NA	ND(0.011)	ND(0.012)
Acetone		ND(0.023) J	ND(0.022) J	NA	ND(0.022) J	ND(0.023) J
Benzene		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Chlorobenzene		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Ethylbenzene		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Methylene Chloride		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Styrene		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Tetrachloroethene		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Toluene		ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	ND(0.0058)
Xylenes (total)		ND(0.0057)	ND(0.0056)	NA	0.0038 J	ND(0.0058)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,2-Dichlorobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,2-Diphenylhydrazine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,3,5-Trinitrobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,3-Dichlorobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,3-Dinitrobenzene		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
1,4-Dichlorobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
1,4-Naphthoquinone		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
1-Naphthylamine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
2,3,4,6-Tetrachlorophenol		ND(0.38) J	ND(0.37) J	ND(0.40) J [ND(0.40) J]	NA	ND(0.39) J
2,4,5-Trichlorophenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2,4,6-Trichlorophenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2,4-Dichlorophenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2,4-Dimethylphenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2,4-Dinitrophenol		ND(2.0) J	ND(1.9) J	ND(2.0) J [ND(2.0) J]	NA	ND(2.0) J
2,4-Dinitrotoluene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2,6-Dichlorophenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2,6-Dinitrotoluene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2-Acetylaminofluorene		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
2-Chloronaphthalene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2-Chlorophenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2-Methylnaphthalene		0.084 J	0.23 J	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2-Methylphenol		ND(0.38)	0.13 J	ND(0.40) [ND(0.40)]	NA	ND(0.39)
2-Naphthylamine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
2-Nitroaniline		ND(2.0)	ND(1.9)	ND(2.0) [ND(2.0)]	NA	ND(2.0)
2-Nitrophenol		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
2-Picoline		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
3&4-Methylphenol		ND(0.77)	0.29 J	ND(0.80) [ND(0.81)]	NA	ND(0.78)
3,3'-Dichlorobenzidine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
3,3'-Dimethylbenzidine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
3-Methylcholanthrene		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
3-Nitroaniline		ND(2.0)	ND(1.9)	ND(2.0) [ND(2.0)]	NA	ND(2.0)
4,6-Dinitro-2-methylphenol		ND(0.38) J	ND(0.37) J	ND(0.40) J [ND(0.40) J]	NA	ND(0.39) J
4-Aminobiphenyl		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
4-Bromophenyl-phenylether		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
4-Chloroaniline		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
4-Chlorobenzilate		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
4-Nitroaniline		ND(2.0)	ND(1.9)	ND(2.0) [ND(2.0)]	NA	ND(2.0)
4-Nitrophenol		ND(2.0) J	ND(1.9) J	ND(2.0) J [ND(2.0) J]	NA	ND(2.0) J
4-Nitroquinoline-1-oxide		ND(0.77) J	ND(0.75) J	ND(0.80) J [ND(0.81) J]	NA	ND(0.78) J
4-Phenylenediamine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
5-Nitro-o-toluidine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
7,12-Dimethylbenz(a)anthracene		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
a,a'-Dimethylphenethylamine		ND(0.77) J	ND(0.75) J	ND(0.80) J [ND(0.81) J]	NA	ND(0.78) J
Acenaphthene		ND(0.38)	ND(0.37)	ND(0.40) [0.46]	NA	ND(0.39)
Acenaphthylene		ND(0.38)	0.53	ND(0.40) [0.86]	NA	ND(0.39)
Acetophenone		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Aniline		0.29 J	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Anthracene		0.28 J	0.36 J	ND(0.40) [1.5]	NA	0.079 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S15 0-1 04/23/03	RAA11-S15 1-3 04/23/03	RAA11-S15 3-6 04/23/03	RAA11-S15 4-6 04/23/03	RAA11-S17 0-1 04/23/03
Semivolatile Organics (continued)						
Aramite		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
Benzidine		ND(0.77) J	ND(0.75) J	ND(0.80) J [ND(0.81) J]	NA	ND(0.78) J
Benzo(a)anthracene		1.1	0.92	ND(0.40) [3.6]	NA	ND(0.39)
Benzo(a)pyrene		1.4	1.4	ND(0.40) [3.9]	NA	0.42
Benzo(b)fluoranthene		1.9	1.7	ND(0.40) [4.6]	NA	0.53
Benzo(g,h,i)perylene		1.1	1.0	ND(0.40) [2.7]	NA	0.30 J
Benzo(k)fluoranthene		0.76	0.57	ND(0.40) [1.7]	NA	0.20 J
Benzyl Alcohol		ND(0.77) J	ND(0.75) J	ND(0.80) J [ND(0.81) J]	NA	ND(0.78) J
bis(2-Chloroethoxy)methane		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
bis(2-Chloroethyl)ether		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
bis(2-Chloroisopropyl)ether		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	0.20 J
Butylbenzylphthalate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Chrysene		1.4	0.87	ND(0.40) [3.7]	NA	ND(0.39)
Diallate		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
Dibenzo(a,h)anthracene		0.26 J	0.26 J	ND(0.40) [0.66]	NA	ND(0.39)
Dibenzofuran		ND(0.38)	ND(0.37)	ND(0.40) [0.29 J]	NA	ND(0.39)
Diethylphthalate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Dimethylphthalate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Di-n-Butylphthalate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Di-n-Octylphthalate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Diphenylamine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Ethyl Methanesulfonate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Fluoranthene		2.4	1.6	ND(0.40) [8.6 E]	NA	0.62
Fluorene		0.092 J	0.14 J	ND(0.40) [0.75]	NA	ND(0.39)
Hexachlorobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Hexachlorobutadiene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Hexachlorocyclopentadiene		ND(0.38) J	ND(0.37) J	ND(0.40) J [ND(0.40) J]	NA	ND(0.39) J
Hexachloroethane		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Hexachlorophene		ND(0.77) J	ND(0.75) J	ND(0.80) J [ND(0.81) J]	NA	ND(0.78) J
Hexachloropropene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Indeno(1,2,3-cd)pyrene		0.89	0.82	ND(0.40) [2.2]	NA	0.24 J
Isodrin		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Isophorone		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Isosafrole		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
Methapyrilene		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
Methyl Methanesulfonate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Naphthalene		0.16 J	0.47	ND(0.40) [0.36 J]	NA	ND(0.39)
Nitrobenzene		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitrosodiethylamine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitrosodimethylamine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitroso-di-n-butylamine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
N-Nitroso-di-n-propylamine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitrosodiphenylamine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitrosomethylethylamine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
N-Nitrosomorpholine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitrosopiperidine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
N-Nitrosopyrrolidine		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
o,o,o-Triethylphosphorothioate		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
o-Toluidine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
p-Dimethylaminoazobenzene		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
Pentachlorobenzene		ND(0.38) J	ND(0.37) J	ND(0.40) J [ND(0.40) J]	NA	ND(0.39) J
Pentachloroethane		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Pentachloronitrobenzene		ND(0.77) J	ND(0.75) J	ND(0.80) J [ND(0.81) J]	NA	ND(0.78) J
Pentachlorophenol		ND(2.0)	ND(1.9)	ND(2.0) [ND(2.0)]	NA	ND(2.0) J
Phenacetin		ND(0.77)	ND(0.75)	ND(0.80) [ND(0.81)]	NA	ND(0.78)
Phenanthrene		1.1	0.89	ND(0.40) [5.3]	NA	0.30 J
Phenol		ND(0.38)	1.2	0.65 [0.53]	NA	ND(0.39) J
Pronamide		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Pyrene		2.2	1.7	ND(0.40) [ND(0.40)]	NA	0.68 J
Pyridine		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Safrole		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Thionazin		ND(0.38)	ND(0.37)	ND(0.40) [ND(0.40)]	NA	ND(0.39)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S15 0-1 04/23/03	RAA11-S15 1-3 04/23/03	RAA11-S15 3-6 04/23/03	RAA11-S15 4-6 04/23/03	RAA11-S17 0-1 04/23/03
Organochlorine Pesticides						
Aldrin		NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		0.00016 Y	0.000016 Y	ND(0.0000030) [0.000044 Y]	NA	0.00022 Y
TCDFs (total)		0.0014 I	0.0017 IQJ	0.000034 IQJ [0.00084 IJ]	NA	0.0034 I
1,2,3,7,8-PeCDF		0.000045	0.000025	ND(0.0000029) [ND(0.000021)]	NA	0.00095 J
2,3,4,7,8-PeCDF		0.00010	0.000064	0.0000037 J [0.00018]	NA	0.00020
PeCDFs (total)		0.0015 I	0.00080 QJ	0.000022 QJ [0.0018 QJ]	NA	0.0041 I
1,2,3,4,7,8-HxCDF		0.000069	0.000012 J	0.0000013 J [ND(0.000035)]	NA	0.00071
1,2,3,6,7,8-HxCDF		0.000059	0.0000093 J	ND(0.0000017) [0.000034]	NA	0.00019 I
1,2,3,7,8,9-HxCDF		0.000015 J	0.0000051 QJ	ND(0.0000029) [0.0000051 J]	NA	0.000058
2,3,4,6,7,8-HxCDF		0.00012	0.000023	0.0000020 J [0.00012]	NA	0.00013
HxCDFs (total)		0.0016	0.00039 QJ	0.000026 QJ [0.0019 J]	NA	0.0028
1,2,3,4,6,7,8-HpCDF		0.00018	0.000017 J	0.0000035 J [0.00012]	NA	0.00066
1,2,3,4,7,8,9-HpCDF		0.000022 J	0.0000032 J	ND(0.0000029) [0.000018 J]	NA	0.00023
HpCDFs (total)		0.00043	0.000044	0.0000035 J [0.00034 J]	NA	0.0018
OCDF		0.00013	0.000010 J	0.0000062 J [0.000084]	NA	0.0033 J
Dioxins						
2,3,7,8-TCDD		ND(0.0000017) X	ND(0.00000096) X	ND(0.0000014) [ND(0.0000015)]	NA	0.0000038 J
TCDDs (total)		0.0000066	0.000025	ND(0.0000041) [0.0000064]	NA	0.000023
1,2,3,7,8-PeCDD		ND(0.000023) X	ND(0.000012) X	ND(0.0000029) [ND(0.0000049)]	NA	ND(0.0000040)
PeCDDs (total)		0.000048	0.00017	ND(0.0000029) [0.0000099]	NA	0.000015 QJ
1,2,3,4,7,8-HxCDD		0.0000035 J	0.0000052 J	0.0000020 J [ND(0.0000031)]	NA	ND(0.0000083)
1,2,3,6,7,8-HxCDD		0.0000071 J	0.000014 J	0.0000018 J [ND(0.0000046) X]	NA	0.000016 J
1,2,3,7,8,9-HxCDD		0.0000054 J	ND(0.0000084) X	ND(0.0000029) QJ [ND(0.0000043) X]	NA	ND(0.000014) X
HxCDDs (total)		0.000077	0.00027	0.0000018 QJ [0.000014 J]	NA	0.000086
1,2,3,4,6,7,8-HpCDD		0.000050	0.000021	0.0000057 J [0.000034]	NA	0.00041 J
HpCDDs (total)		0.00010	0.000055	0.000010 J [0.000060 J]	NA	0.00078
OCDD		0.00028	ND(0.000043)	ND(0.000026) [0.00016]	NA	0.0035 J
Total TEQs (WHO TEFs)		0.00011	0.000049	0.0000054 [0.00012]	NA	0.00030
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]	NA	1.30 B
Arsenic		6.10	5.90	7.10 [8.20]	NA	5.80
Barium		58.0	24.0	38.0 [57.0]	NA	62.0
Beryllium		0.200 B	0.200 B	0.320 B [0.200 B]	NA	0.330 B
Cadmium		0.180 B	ND(0.500)	ND(0.500) [0.310 B]	NA	ND(0.500)
Chromium		7.00 J	6.50 J	9.60 J [10.0 J]	NA	31.0 J
Cobalt		6.40	7.60	9.60 [6.20]	NA	8.50
Copper		50.0 J	28.0 J	24.0 J [140 J]	NA	100 J
Cyanide		0.120	0.0510 B	0.0590 B [0.240 B]	NA	0.210 B
Lead		180 J	34.0 J	22.0 J [150 J]	NA	310 J
Mercury		0.280	0.210	0.110 B [0.440]	NA	17.0
Nickel		13.0	13.0	18.0 [11.0]	NA	28.0
Selenium		ND(1.00) J	ND(1.00) J	ND(1.00) J [ND(1.00) J]	NA	ND(1.00) J
Silver		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	NA	0.450 B
Sulfide		18.0 J	12.0 J	23.0 J [570 J]	NA	46.0 J
Thallium		ND(1.10) J	ND(1.10) J	ND(1.20) J [ND(1.20) J]	NA	ND(1.20) J
Tin		ND(10.0)	ND(10.0)	ND(10.0) [61.0]	NA	ND(10.0)
Vanadium		11.0	7.10	11.0 [8.00]	NA	27.0
Zinc		100 J	49.0 J	64.0 J [270 J]	NA	350 J

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S17 1-3 04/23/03	RAA11-T2 0-1 05/06/03	RAA11-T4 0-1 04/30/03	RAA11-T4 6-10 04/30/03	RAA11-T4 8-10 04/30/03	RAA11-T6 0-1 04/30/03
Volatile Organics							
1,4-Dioxane		ND(0.12) J	ND(0.10) J	ND(0.11) J	NA	ND(0.11) J	ND(0.10) J
2-Butanone		ND(0.012)	ND(0.010)	ND(0.011)	NA	ND(0.011)	ND(0.010)
Acetone		ND(0.024) J	ND(0.021)	ND(0.021) J	NA	ND(0.021) J	ND(0.021) J
Benzene		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Chlorobenzene		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Ethylbenzene		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Methylene Chloride		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Styrene		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Tetrachloroethene		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Toluene		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Xylenes (total)		ND(0.0060)	ND(0.0053)	ND(0.0054)	NA	ND(0.0053)	ND(0.0052)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,2,4-Trichlorobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,2-Dichlorobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,2-Diphenylhydrazine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,3,5-Trinitrobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,3-Dichlorobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,3-Dinitrobenzene		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
1,4-Dichlorobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
1,4-Naphthoquinone		ND(0.80)	ND(0.71) J	ND(0.72)	NA	NA	ND(0.70)
1-Naphthylamine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
2,3,4,6-Tetrachlorophenol		ND(0.40) J	ND(0.35) J	ND(0.36)	NA	NA	ND(0.35)
2,4,5-Trichlorophenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2,4,6-Trichlorophenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2,4-Dichlorophenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2,4-Dimethylphenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2,4-Dinitrophenol		ND(2.0) J	ND(1.8)	ND(1.8) J	NA	NA	ND(1.8) J
2,4-Dinitrotoluene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2,6-Dichlorophenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2,6-Dinitrotoluene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2-Acetylaminofluorene		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
2-Chloronaphthalene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2-Chlorophenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2-Methylnaphthalene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2-Methylphenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
2-Naphthylamine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
2-Nitroaniline		ND(2.0)	ND(1.8)	ND(1.8)	NA	NA	ND(1.8)
2-Nitrophenol		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
2-Picoline		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
3&4-Methylphenol		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
3,3'-Dichlorobenzidine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
3,3'-Dimethylbenzidine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
3-Methylcholanthrene		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
3-Nitroaniline		ND(2.0)	ND(1.8)	ND(1.8)	NA	NA	ND(1.8)
4,6-Dinitro-2-methylphenol		ND(0.40) J	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
4-Aminobiphenyl		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
4-Bromophenyl-phenylether		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
4-Chloro-3-Methylphenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
4-Chloroaniline		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
4-Chlorobenzilate		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
4-Chlorophenyl-phenylether		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
4-Nitroaniline		ND(2.0)	ND(1.8)	ND(1.8)	NA	NA	ND(1.8)
4-Nitrophenol		ND(2.0) J	ND(1.8) J	ND(1.8) J	NA	NA	ND(1.8) J
4-Nitroquinoline-1-oxide		ND(0.80) J	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
4-Phenylenediamine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
5-Nitro-o-toluidine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
7,12-Dimethylbenz(a)anthracene		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
a,a'-Dimethylphenethylamine		ND(0.80) J	ND(0.71) J	ND(0.72)	NA	NA	ND(0.70)
Acenaphthene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Acenaphthylene		ND(0.40)	0.19 J	1.9	NA	NA	ND(0.35)
Acetophenone		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Aniline		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Anthracene		ND(0.40)	ND(0.35)	0.76	NA	NA	ND(0.35)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S17 1-3 04/23/03	RAA11-T2 0-1 05/06/03	RAA11-T4 0-1 04/30/03	RAA11-T4 6-10 04/30/03	RAA11-T4 8-10 04/30/03	RAA11-T6 0-1 04/30/03
Semivolatile Organics (continued)							
Aramite		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
Benzidine		ND(0.80) J	ND(0.71) J	ND(0.72)	NA	NA	ND(0.70)
Benzo(a)anthracene		ND(0.40)	0.20 J	1.7	NA	NA	ND(0.35)
Benzo(a)pyrene		ND(0.40)	0.27 J	3.5	NA	NA	ND(0.35)
Benzo(b)fluoranthene		ND(0.40)	0.39	3.9	NA	NA	ND(0.35)
Benzo(g,h,i)perylene		ND(0.40)	0.27 J	3.0	NA	NA	ND(0.35)
Benzo(k)fluoranthene		ND(0.40)	0.16 J	1.4	NA	NA	ND(0.35)
Benzyl Alcohol		ND(0.80) J	ND(0.71) J	ND(0.72)	NA	NA	ND(0.70)
bis(2-Chloroethoxy)methane		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
bis(2-Chloroethyl)ether		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
bis(2-Chloroisopropyl)ether		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
bis(2-Ethylhexyl)phthalate		ND(0.40)	ND(0.35)	ND(0.35)	NA	NA	ND(0.34)
Butylbenzylphthalate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Chrysene		ND(0.40)	0.22 J	1.6	NA	NA	ND(0.35)
Diallate		ND(0.80)	ND(0.71) J	ND(0.72) J	NA	NA	ND(0.70) J
Dibenzo(a,h)anthracene		ND(0.40)	ND(0.35)	0.67	NA	NA	ND(0.35)
Dibenzofuran		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Diethylphthalate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Dimethylphthalate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Di-n-Butylphthalate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Di-n-Octylphthalate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Diphenylamine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Ethyl Methanesulfonate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Fluoranthene		ND(0.40)	0.31 J	1.8	NA	NA	ND(0.35)
Fluorene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Hexachlorobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Hexachlorobutadiene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Hexachlorocyclopentadiene		ND(0.40) J	ND(0.35) J	ND(0.36) J	NA	NA	ND(0.35) J
Hexachloroethane		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Hexachlorophene		ND(0.80) J	ND(0.71) J	ND(0.72) J	NA	NA	ND(0.70) J
Hexachloropropene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Indeno(1,2,3-cd)pyrene		ND(0.40)	0.20 J	2.1	NA	NA	ND(0.35)
Isodrin		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Isophorone		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Isosafrole		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
Methapyrilene		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
Methyl Methanesulfonate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Naphthalene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Nitrobenzene		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitrosodiethylamine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitrosodimethylamine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitroso-di-n-butylamine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
N-Nitroso-di-n-propylamine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitrosodiphenylamine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitrosomethylethylamine		ND(0.80)	ND(0.71) J	ND(0.72)	NA	NA	ND(0.70)
N-Nitrosomorpholine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitrosopiperidine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
N-Nitrosopyrrolidine		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
o,o,o-Triethylphosphorothioate		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
o-Toluidine		ND(0.40)	ND(0.35)	ND(0.36) J	NA	NA	ND(0.35) J
p-Dimethylaminoazobenzene		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
Pentachlorobenzene		ND(0.40) J	ND(0.35) J	ND(0.36)	NA	NA	ND(0.35)
Pentachloroethane		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Pentachloronitrobenzene		ND(0.80) J	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
Pentachlorophenol		ND(2.0)	ND(1.8)	ND(1.8)	NA	NA	ND(1.8)
Phenacetin		ND(0.80)	ND(0.71)	ND(0.72)	NA	NA	ND(0.70)
Phenanthrene		ND(0.40)	0.11 J	0.44	NA	NA	ND(0.35)
Phenol		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Pronamide		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Pyrene		ND(0.40)	0.37	2.9	NA	NA	ND(0.35)
Pyridine		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Safrole		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)
Thionazin		ND(0.40)	ND(0.35)	ND(0.36)	NA	NA	ND(0.35)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-S17 1-3 04/23/03	RAA11-T2 0-1 05/06/03	RAA11-T4 0-1 04/30/03	RAA11-T4 6-10 04/30/03	RAA11-T4 8-10 04/30/03	RAA11-T6 0-1 04/30/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.000014 Y	0.0000092 J	ND(0.0000020) X	ND(0.0000016)	NA	ND(0.0000018)
TCDFs (total)		0.00013 I	0.00023	ND(0.0000014)	ND(0.0000016)	NA	ND(0.0000017)
1,2,3,7,8-PeCDF		0.000014 J	0.000012 J	ND(0.0000025)	ND(0.0000026)	NA	ND(0.0000028)
2,3,4,7,8-PeCDF		0.0000097 J	0.000029	ND(0.0000017) X	ND(0.0000026)	NA	ND(0.0000028)
PeCDFs (total)		0.00016	0.00042	ND(0.0000040)	ND(0.0000026)	NA	ND(0.0000028)
1,2,3,4,7,8-HxCDF		0.0000075 J	0.000089	ND(0.0000019) X	ND(0.0000026)	NA	ND(0.0000028)
1,2,3,6,7,8-HxCDF		ND(0.0000036) X	0.000017 J	ND(0.0000025)	ND(0.0000026)	NA	ND(0.0000028)
1,2,3,7,8,9-HxCDF		ND(0.0000023)	ND(0.000012) X	ND(0.0000025)	ND(0.0000026)	NA	ND(0.0000028)
2,3,4,6,7,8-HxCDF		0.0000053 J	0.000014 J	ND(0.0000025)	ND(0.0000026)	NA	ND(0.0000028)
HxCDFs (total)		0.000075	0.00035	ND(0.0000025)	ND(0.0000026)	NA	0.0000030
1,2,3,4,6,7,8-HpCDF		0.000014 J	0.000092	0.0000020 J	ND(0.0000026)	NA	ND(0.0000031)
1,2,3,4,7,8,9-HpCDF		0.0000019 J	0.000044	ND(0.0000034)	ND(0.0000026)	NA	ND(0.0000038)
HpCDFs (total)		0.000035	0.00029	0.0000020	ND(0.0000026)	NA	ND(0.0000031)
OCDF		0.000028 J	0.00036	ND(0.0000066)	ND(0.0000058)	NA	ND(0.0000081)
Dioxins							
2,3,7,8-TCDD		ND(0.0000015)	ND(0.0000016)	ND(0.0000013)	ND(0.0000015)	NA	ND(0.0000018)
TCDDs (total)		ND(0.0000015)	ND(0.0000035)	ND(0.0000032)	ND(0.0000032)	NA	ND(0.0000037)
1,2,3,7,8-PeCDD		ND(0.0000028) X	ND(0.0000099) X	ND(0.0000025)	ND(0.0000026)	NA	ND(0.0000028)
PeCDDs (total)		0.0000050	0.0000080	ND(0.0000025)	ND(0.0000045)	NA	ND(0.0000041)
1,2,3,4,7,8-HxCDD		ND(0.0000023)	ND(0.0000028) X	ND(0.0000025)	ND(0.0000030)	NA	ND(0.0000030)
1,2,3,6,7,8-HxCDD		0.0000034 J	0.0000039 J	ND(0.0000025)	ND(0.0000027)	NA	ND(0.0000028)
1,2,3,7,8,9-HxCDD		0.0000025 J	ND(0.0000039) X	ND(0.0000025)	ND(0.0000030)	NA	ND(0.0000029)
HxCDDs (total)		0.000012	0.000018	ND(0.0000046)	ND(0.0000041)	NA	ND(0.0000053)
1,2,3,4,6,7,8-HpCDD		0.000037	0.000045	0.0000027 J	ND(0.0000031)	NA	0.000012 J
HpCDDs (total)		0.000064	0.000097	0.0000027	ND(0.0000031)	NA	0.000021
OCDD		0.00021	0.00038	ND(0.000020)	ND(0.0000091)	NA	0.000093
Total TEQs (WHO TEFs)		0.000012	0.000037	0.0000034	0.0000038	NA	0.0000043
Inorganics							
Antimony		1.60 B	0.920 B	ND(10.0)	ND(10.0)	NA	ND(6.00)
Arsenic		5.80	2.70	3.90	5.60	NA	2.80
Barium		82.0	16.0 B	20.0 B	11.0 B	NA	27.0
Beryllium		0.280 B	0.200 B	0.160 B	0.160 B	NA	0.110 B
Cadmium		ND(0.500)	0.240 B	0.260 B	0.220 B	NA	0.220 B
Chromium		34.0 J	10.0	5.40	6.50	NA	4.00
Cobalt		9.20	5.40	5.70	8.40	NA	7.80
Copper		100 J	18.0	14.0	20.0	NA	11.0
Cyanide		0.0990 B	0.0250 B	0.0230 B	ND(0.110)	NA	0.0290 B
Lead		350 J	18.0	15.0	9.00	NA	6.00
Mercury		0.130	0.0580 B	0.0240 B	0.130	NA	0.0140 B
Nickel		14.0	10.0	10.0	14.0	NA	10.0
Selenium		ND(1.00) J	ND(1.00)	ND(1.00) J	ND(1.00) J	NA	0.770 J
Silver		ND(1.00)	0.110 B	ND(6.00)	ND(1.00)	NA	0.160 B
Sulfide		21.0 J	20.0	26.0 J	59.0 J	NA	23.0 J
Thallium		ND(1.20) J	ND(1.00) J	ND(1.10) J	ND(1.10) J	NA	ND(1.00) J
Tin		ND(12.0)	ND(10.0)	ND(10.0)	ND(10.0)	NA	ND(10.0)
Vanadium		10.0	5.70	5.20	5.10	NA	7.30
Zinc		350 J	42.0	33.0	35.0	NA	26.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	Sample Depth(Feet): / Date Collected:	RAA11-T6	RAA11-T6	RAA11-T6	RAA11-T6	RAA11-T6	RAA11-T10
		1-3	3-4	3-6	10-12	10-15	0-1
		04/30/03	04/30/03	04/30/03	04/30/03	04/30/03	05/06/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	NA	ND(0.10) J	NA	ND(0.11) J
2-Butanone		ND(0.011)	ND(0.011)	NA	ND(0.010)	NA	ND(0.011)
Acetone		ND(0.021) J	ND(0.022) J	NA	ND(0.021) J	NA	ND(0.022)
Benzene		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Chlorobenzene		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Ethylbenzene		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Methylene Chloride		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Styrene		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Tetrachloroethene		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Toluene		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Xylenes (total)		ND(0.0053)	ND(0.0055)	NA	ND(0.0052)	NA	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,2,4-Trichlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,2-Dichlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,2-Diphenylhydrazine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,3,5-Trinitrobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,3-Dichlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,3-Dinitrobenzene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
1,4-Dichlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
1,4-Naphthoquinone		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72) J
1-Naphthylamine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
2,3,4,6-Tetrachlorophenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47) J
2,4,5-Trichlorophenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2,4,6-Trichlorophenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2,4-Dichlorophenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2,4-Dimethylphenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2,4-Dinitrophenol		ND(1.8) J	NA	ND(1.9) J	NA	ND(2.0) J	ND(2.3)
2,4-Dinitrotoluene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2,6-Dichlorophenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2,6-Dinitrotoluene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2-Acetylaminofluorene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
2-Chloronaphthalene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2-Chlorophenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2-Methylnaphthalene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2-Methylphenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
2-Naphthylamine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
2-Nitroaniline		ND(1.8)	NA	ND(1.9)	NA	ND(2.0)	ND(2.3)
2-Nitrophenol		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
2-Picoline		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
3&4-Methylphenol		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
3,3'-Dichlorobenzidine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.94)
3,3'-Dimethylbenzidine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
3-Methylcholanthrene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
3-Nitroaniline		ND(1.8)	NA	ND(1.9)	NA	ND(2.0)	ND(2.3)
4,6-Dinitro-2-methylphenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
4-Aminobiphenyl		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
4-Bromophenyl-phenylether		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
4-Chloro-3-Methylphenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
4-Chloroaniline		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
4-Chlorobenzilate		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
4-Chlorophenyl-phenylether		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
4-Nitroaniline		ND(1.8)	NA	ND(1.9)	NA	ND(2.0)	ND(1.8)
4-Nitrophenol		ND(1.8) J	NA	ND(1.9) J	NA	ND(2.0) J	ND(2.3) J
4-Nitroquinoline-1-oxide		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
4-Phenylenediamine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
5-Nitro-o-toluidine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
7,12-Dimethylbenz(a)anthracene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
a,a'-Dimethylphenethylamine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72) J
Acenaphthene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Acenaphthylene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Acetophenone		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Aniline		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Anthracene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID	Sample Depth(Feet) / Date Collected	RAA11-T6	RAA11-T6	RAA11-T6	RAA11-T6	RAA11-T6	RAA11-T10
		1-3	3-4	3-6	10-12	10-15	0-1
		04/30/03	04/30/03	04/30/03	04/30/03	04/30/03	05/06/03
Semivolatile Organics (continued)							
Aramite		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
Benzidine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.94) J
Benzo(a)anthracene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	0.25 J
Benzo(a)pyrene		0.10 J	NA	ND(0.37)	NA	ND(0.39)	0.20 J
Benzo(b)fluoranthene		0.12 J	NA	ND(0.37)	NA	ND(0.39)	0.34 J
Benzo(g,h,i)perylene		0.12 J	NA	ND(0.37)	NA	ND(0.39)	0.19 J
Benzo(k)fluoranthene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	0.12 J
Benzyl Alcohol		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.94) J
bis(2-Chloroethoxy)methane		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
bis(2-Chloroethyl)ether		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
bis(2-Chloroisopropyl)ether		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
bis(2-Ethylhexyl)phthalate		ND(0.35)	NA	ND(0.37)	NA	ND(0.38)	ND(0.36)
Butylbenzylphthalate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Chrysene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	0.27 J
Diallate		ND(0.71) J	NA	ND(0.74) J	NA	ND(0.78) J	ND(0.72) J
Dibenzo(a,h)anthracene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Dibenzofuran		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Diethylphthalate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Dimethylphthalate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Di-n-Butylphthalate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Di-n-Octylphthalate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Diphenylamine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Ethyl Methanesulfonate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Fluoranthene		0.080 J	NA	ND(0.37)	NA	ND(0.39)	0.50
Fluorene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Hexachlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Hexachlorobutadiene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Hexachlorocyclopentadiene		ND(0.35) J	NA	ND(0.37) J	NA	ND(0.39) J	ND(0.47) J
Hexachloroethane		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Hexachlorophene		ND(0.71) J	NA	ND(0.74) J	NA	ND(0.78) J	ND(0.94) J
Hexachloropropene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Indeno(1,2,3-cd)pyrene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	0.13 J
Isodrin		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Isophorone		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Isosafrole		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
Methapyrilene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
Methyl Methanesulfonate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Naphthalene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Nitrobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitrosodiethylamine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitrosodimethylamine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitroso-di-n-butylamine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
N-Nitroso-di-n-propylamine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitrosodiphenylamine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitrosomethylethylamine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72) J
N-Nitrosomorpholine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitrosopiperidine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
N-Nitrosopyrrolidine		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
o,o,o-Triethylphosphorothioate		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
o-Toluidine		ND(0.35) J	NA	ND(0.37) J	NA	ND(0.39) J	ND(0.47)
p-Dimethylaminoazobenzene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
Pentachlorobenzene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47) J
Pentachloroethane		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Pentachloronitrobenzene		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
Pentachlorophenol		ND(1.8)	NA	ND(1.9)	NA	ND(2.0)	ND(2.3)
Phenacetin		ND(0.71)	NA	ND(0.74)	NA	ND(0.78)	ND(0.72)
Phenanthrene		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	0.34 J
Phenol		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Pronamide		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Pyrene		0.094 J	NA	ND(0.37)	NA	ND(0.39)	0.46 J
Pyridine		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Safrole		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)
Thionazin		ND(0.35)	NA	ND(0.37)	NA	ND(0.39)	ND(0.47)

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-T6 1-3 04/30/03	RAA11-T6 3-4 04/30/03	RAA11-T6 3-6 04/30/03	RAA11-T6 10-12 04/30/03	RAA11-T6 10-15 04/30/03	RAA11-T10 0-1 05/06/03
Organochlorine Pesticides							
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	NA	NA	NA	NA	NA
Herbicides							
None Detected		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.0000034 J	NA	0.0000053 J	NA	ND(0.0000013)	ND(0.0000027)
TCDFs (total)		0.000041	NA	0.000028	NA	ND(0.0000013)	0.0000035
1,2,3,7,8-PeCDF		ND(0.0000018) X	NA	ND(0.0000028)	NA	ND(0.0000024)	ND(0.0000025)
2,3,4,7,8-PeCDF		0.0000075 J	NA	ND(0.0000052) X	NA	ND(0.0000024)	0.0000035 J
PeCDFs (total)		0.000089	NA	0.000041	NA	ND(0.0000024)	0.000050
1,2,3,4,7,8-HxCDF		0.0000024 J	NA	ND(0.0000033)	NA	ND(0.0000024)	0.0000020 J
1,2,3,6,7,8-HxCDF		0.0000024 J	NA	ND(0.0000030)	NA	ND(0.0000024)	ND(0.0000021) X
1,2,3,7,8,9-HxCDF		ND(0.0000035)	NA	ND(0.0000040)	NA	ND(0.0000027)	ND(0.0000025)
2,3,4,6,7,8-HxCDF		ND(0.0000056) X	NA	ND(0.0000033)	NA	ND(0.0000024)	ND(0.0000039) X
HxCDFs (total)		0.000064	NA	0.000011	NA	ND(0.0000024)	0.000044
1,2,3,4,6,7,8-HpCDF		ND(0.0000057)	NA	ND(0.0000045)	NA	ND(0.0000024)	ND(0.0000091) X
1,2,3,4,7,8,9-HpCDF		ND(0.0000053)	NA	ND(0.0000056)	NA	ND(0.0000030)	ND(0.0000031)
HpCDFs (total)		ND(0.0000057)	NA	ND(0.0000045)	NA	ND(0.0000026)	0.000014
OCDF		ND(0.0000096)	NA	ND(0.0000072)	NA	ND(0.0000052)	0.000016 J
Dioxins							
2,3,7,8-TCDD		ND(0.0000012)	NA	ND(0.0000017)	NA	ND(0.0000014)	ND(0.0000026)
TCDDs (total)		ND(0.0000033)	NA	ND(0.0000043)	NA	ND(0.0000027)	ND(0.0000025)
1,2,3,7,8-PeCDD		ND(0.0000024)	NA	ND(0.0000029)	NA	ND(0.0000024)	ND(0.0000025)
PeCDDs (total)		ND(0.0000024)	NA	ND(0.0000042)	NA	0.0000038	ND(0.0000044)
1,2,3,4,7,8-HxCDD		ND(0.0000037)	NA	ND(0.0000048)	NA	ND(0.0000029)	ND(0.0000025)
1,2,3,6,7,8-HxCDD		ND(0.0000033)	NA	ND(0.0000042)	NA	ND(0.0000026)	ND(0.0000031) X
1,2,3,7,8,9-HxCDD		ND(0.0000036)	NA	ND(0.0000047)	NA	ND(0.0000029)	ND(0.0000018) X
HxCDDs (total)		ND(0.0000035)	NA	ND(0.0000045)	NA	ND(0.0000042)	0.0000035
1,2,3,4,6,7,8-HpCDD		0.0000069 J	NA	ND(0.0000066)	NA	ND(0.0000038)	0.000092
HpCDDs (total)		0.0000069	NA	ND(0.0000066)	NA	ND(0.0000038)	0.00016
OCDD		ND(0.000034)	NA	ND(0.000014)	NA	ND(0.0000076)	0.00050
Total TEQs (WHO TEFs)		0.0000075	NA	0.0000056	NA	0.0000036	0.0000065
Inorganics							
Antimony		ND(10.0)	NA	ND(10.0)	NA	ND(6.00)	1.80 B
Arsenic		4.60	NA	5.30	NA	6.10	2.70
Barium		29.0	NA	76.0	NA	22.0	24.0
Beryllium		0.170 B	NA	0.160 B	NA	0.170 B	0.190 B
Cadmium		0.260 B	NA	1.10	NA	0.400 B	0.430 B
Chromium		5.80	NA	6.40	NA	10.0	9.50
Cobalt		12.0	NA	6.80	NA	9.90	5.40
Copper		17.0	NA	38.0	NA	18.0	32.0
Cyanide		ND(0.210)	NA	ND(0.220)	NA	ND(0.580)	0.0750 B
Lead		23.0	NA	230	NA	6.70	180
Mercury		0.0300 B	NA	0.0580 B	NA	0.0110 B	0.0320 B
Nickel		12.0	NA	11.0	NA	19.0	11.0
Selenium		0.630 J	NA	0.780 J	NA	ND(1.00) J	ND(1.00)
Silver		ND(6.00)	NA	ND(6.00)	NA	ND(6.00)	ND(1.00)
Sulfide		12.0 J	NA	8.90 J	NA	20.0 J	61.0
Thallium		ND(1.10) J	NA	ND(1.10) J	NA	ND(1.20) J	ND(1.10) J
Tin		ND(10.0)	NA	ND(10.0)	NA	ND(1.0)	ND(10.0)
Vanadium		12.0	NA	6.80	NA	8.70	5.90
Zinc		39.0	NA	170	NA	56.0	60.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-T12 0-1 05/01/03	RAA11-T12 1-3 05/01/03	RAA11-T12 3-6 05/01/03	RAA11-T12 5-5.5 05/01/03	RAA11-T12 6-8 05/01/03
Volatile Organics						
1,4-Dioxane		ND(0.11) J [ND(0.11)]	ND(0.12) J	NA	ND(0.12) J	ND(0.11) J
2-Butanone		ND(0.011) [ND(0.011)]	ND(0.012)	NA	ND(0.012)	ND(0.011)
Acetone		ND(0.022) J [ND(0.022)]	ND(0.025) J	NA	ND(0.023) J	0.025 J
Benzene		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Chlorobenzene		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Ethylbenzene		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Methylene Chloride		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Styrene		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Tetrachloroethene		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Toluene		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Xylenes (total)		ND(0.0056) [ND(0.0056)]	ND(0.0062)	NA	ND(0.0058)	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,2,4-Trichlorobenzene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,2-Dichlorobenzene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,2-Diphenylhydrazine		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,3,5-Trinitrobenzene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,3-Dichlorobenzene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,3-Dinitrobenzene		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
1,4-Dichlorobenzene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
1,4-Naphthoquinone		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
1-Naphthylamine		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
2,3,4,6-Tetrachlorophenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,4,5-Trichlorophenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,4,6-Trichlorophenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,4-Dichlorophenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,4-Dimethylphenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,4-Dinitrophenol		ND(1.9) J [ND(1.9) J]	ND(2.1) J	ND(1.9) J	NA	NA
2,4-Dinitrotoluene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,6-Dichlorophenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2,6-Dinitrotoluene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2-Acetylaminofluorene		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
2-Chloronaphthalene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2-Chlorophenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2-Methylnaphthalene		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2-Methylphenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
2-Naphthylamine		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
2-Nitroaniline		ND(1.9) [ND(1.9)]	ND(2.1)	ND(1.9)	NA	NA
2-Nitrophenol		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
2-Picoline		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
3&4-Methylphenol		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
3,3'-Dichlorobenzidine		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
3,3'-Dimethylbenzidine		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
3-Methylcholanthrene		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
3-Nitroaniline		ND(1.9) [ND(1.9)]	ND(2.1)	ND(1.9)	NA	NA
4,6-Dinitro-2-methylphenol		ND(0.37) J [ND(0.37) J]	ND(0.42) J	ND(0.38) J	NA	NA
4-Aminobiphenyl		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
4-Bromophenyl-phenylether		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
4-Chloro-3-Methylphenol		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
4-Chloroaniline		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
4-Chlorobenzilate		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
4-Chlorophenyl-phenylether		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
4-Nitroaniline		ND(1.9) [ND(1.9)]	ND(2.1)	ND(1.9)	NA	NA
4-Nitrophenol		ND(1.9) J [ND(1.9) J]	ND(2.1) J	ND(1.9) J	NA	NA
4-Nitroquinoline-1-oxide		ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
4-Phenylenediamine		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
5-Nitro-o-toluidine		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
7,12-Dimethylbenz(a)anthracene		ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
a,a'-Dimethylphenethylamine		ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
Acenaphthene		ND(0.37) [0.28 J]	ND(0.42)	ND(0.38)	NA	NA
Acenaphthylene		ND(0.37) [0.086 J]	ND(0.42)	0.17 J	NA	NA
Acetophenone		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Aniline		ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Anthracene		ND(0.37) [ND(0.37)]	ND(0.42)	0.28 J	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA11-T12 0-1 05/01/03	RAA11-T12 1-3 05/01/03	RAA11-T12 3-6 05/01/03	RAA11-T12 5-5.5 05/01/03	RAA11-T12 6-8 05/01/03
Semivolatile Organics (continued)					
Aramite	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
Benzidine	ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
Benzo(a)anthracene	0.12 J [0.18 J]	0.15 J	0.84	NA	NA
Benzo(a)pyrene	0.15 J [0.22 J]	0.14 J	1.1	NA	NA
Benzo(b)fluoranthene	0.21 J [0.29 J]	0.21 J	0.96	NA	NA
Benzo(g,h,i)perylene	0.11 J [0.18 J]	ND(0.42)	1.2	NA	NA
Benzo(k)fluoranthene	ND(0.37) [0.11 J]	ND(0.42)	0.34 J	NA	NA
Benzyl Alcohol	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
bis(2-Chloroethyl)ether	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.37) [ND(0.37)]	ND(0.41)	ND(0.37)	NA	NA
Butylbenzylphthalate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Chrysene	ND(0.37) [0.20 J]	0.17 J	0.92	NA	NA
Diallate	ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
Dibenzo(a,h)anthracene	ND(0.37) [ND(0.37)]	ND(0.42)	0.16 J	NA	NA
Dibenzofuran	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Diethylphthalate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Dimethylphthalate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Di-n-Butylphthalate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Di-n-Octylphthalate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Diphenylamine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Ethyl Methanesulfonate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Fluoranthene	ND(0.37) [0.28 J]	0.35 J	1.8	NA	NA
Fluorene	ND(0.37) [ND(0.37)]	ND(0.42)	0.19 J	NA	NA
Hexachlorobenzene	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Hexachlorobutadiene	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Hexachlorocyclopentadiene	ND(0.37) J [ND(0.37) J]	ND(0.42) J	ND(0.38) J	NA	NA
Hexachloroethane	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Hexachlorophene	ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
Hexachloropropene	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.37) [0.14 J]	ND(0.42)	0.40	NA	NA
Isodrin	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Isophorone	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Isosafrole	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
Methapyrilene	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
Methyl Methanesulfonate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Naphthalene	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Nitrobenzene	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
N-Nitrosodiethylamine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
N-Nitrosodimethylamine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
N-Nitroso-di-n-propylamine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
N-Nitrosodiphenylamine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
N-Nitrosomethylethylamine	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
N-Nitrosomorpholine	ND(0.37) [ND(0.37)]	ND(0.42)	0.12 J	NA	NA
N-Nitrosopiperidine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
N-Nitrosopyrrolidine	ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
o-Toluidine	ND(0.37) J [ND(0.37) J]	ND(0.42) J	ND(0.38) J	NA	NA
p-Dimethylaminoazobenzene	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
Pentachlorobenzene	ND(0.37) J [ND(0.37) J]	ND(0.42) J	ND(0.38) J	NA	NA
Pentachloroethane	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Pentachloronitrobenzene	ND(0.75) J [ND(0.75) J]	ND(0.84) J	ND(0.75) J	NA	NA
Pentachlorophenol	ND(1.9) [ND(1.9)]	ND(2.1)	ND(1.9)	NA	NA
Phenacetin	ND(0.75) [ND(0.75)]	ND(0.84)	ND(0.75)	NA	NA
Phenanthrene	ND(0.37) [0.087 J]	0.19 J	1.2	NA	NA
Phenol	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Pronamide	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Pyrene	ND(0.37) [ND(0.37)]	ND(0.42)	2.0	NA	NA
Pyridine	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Safrole	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA
Thionazin	ND(0.37) [ND(0.37)]	ND(0.42)	ND(0.38)	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-T12 0-1 05/01/03	RAA11-T12 1-3 05/01/03	RAA11-T12 3-6 05/01/03	RAA11-T12 5-5.5 05/01/03	RAA11-T12 6-8 05/01/03
Organochlorine Pesticides						
Aldrin		ND(0.0080) [ND(0.0080)]	ND(0.0080)	NA	NA	NA
Alpha-Chlordane		ND(0.0080) [ND(0.0080)]	ND(0.0080)	NA	NA	NA
Technical Chlordane		ND(0.093) [ND(0.093)]	ND(0.10)	NA	NA	NA
Organophosphate Pesticides						
None Detected		--	--	NA	NA	NA
Herbicides						
None Detected		--	--	NA	NA	NA
Furans						
2,3,7,8-TCDF		0.000013 Y [0.000011 Y]	0.000025 Y	0.000032 Y	NA	NA
TCDFs (total)		0.000086 [0.000076]	0.00016	0.00036 QJ	NA	NA
1,2,3,7,8-PeCDF		0.0000076 J [0.0000066 J]	0.000020 J	0.0000077 QJ	NA	NA
2,3,4,7,8-PeCDF		0.000012 J [0.000012 J]	0.000019 J	ND(0.000015) XQJ	NA	NA
PeCDFs (total)		0.00012 [0.00011]	0.00016	0.00012 QJ	NA	NA
1,2,3,4,7,8-HxCDF		0.000013 J [0.000011 J]	0.000033	0.000020 J	NA	NA
1,2,3,6,7,8-HxCDF		0.0000088 J [0.0000077 J]	0.000020 J	0.0000083 J	NA	NA
1,2,3,7,8,9-HxCDF		0.0000031 J [ND(0.0000026)]	0.0000055 J	ND(0.0000091)	NA	NA
2,3,4,6,7,8-HxCDF		0.0000069 J [0.0000072 J]	0.000011 J	ND(0.000011) X	NA	NA
HxCDFs (total)		0.000088 [0.000082]	0.00015	0.00030	NA	NA
1,2,3,4,6,7,8-HpCDF		0.000026 [0.000016 J]	0.000030 J	0.00022	NA	NA
1,2,3,4,7,8,9-HpCDF		0.0000050 J [ND(0.0000041) X]	0.0000069 J	0.0000083 J	NA	NA
HpCDFs (total)		0.000057 J [0.000016 J]	0.000055	0.00055	NA	NA
OCDF		0.000038 J [ND(0.000021) X]	0.000026 J	0.000096	NA	NA
Dioxins						
2,3,7,8-TCDD		ND(0.0000011) [ND(0.0000013)]	ND(0.0000016)	ND(0.0000029) J	NA	NA
TCDDs (total)		ND(0.0000031) [ND(0.0000040)]	ND(0.0000016)	0.0000044 QJ	NA	NA
1,2,3,7,8-PeCDD		ND(0.0000026) X [ND(0.0000026)]	ND(0.0000040) X	ND(0.0000041) X	NA	NA
PeCDDs (total)		ND(0.0000035) [ND(0.0000026)]	0.0000060	0.000010 QJ	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.0000034) [ND(0.0000033)]	ND(0.0000035)	ND(0.0000029) X	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.0000046) X [ND(0.0000036) X]	ND(0.0000045) X	ND(0.000012) X	NA	NA
1,2,3,7,8,9-HxCDD		ND(0.0000034) X [0.0000037 J]	0.0000051 J	ND(0.0000081) X	NA	NA
HxCDDs (total)		0.00004 J [0.000016 J]	0.000029	0.000076	NA	NA
1,2,3,4,6,7,8-HpCDD		0.00012 J [0.000053 J]	0.000074	0.00015	NA	NA
HpCDDs (total)		0.00046 J [0.00014 J]	0.00013	0.00029	NA	NA
OCDD		0.0012 J [0.00035 J]	0.00033	0.0018	NA	NA
Total TEQs (WHO TEFs)		0.000015 [0.000014]	0.000025	0.000020	NA	NA
Inorganics						
Antimony		ND(6.0) [ND(6.0)]	ND(6.0)	ND(6.0)	NA	NA
Arsenic		5.40 [5.10]	6.00	33.0	NA	NA
Barium		48.0 [47.0]	75.0	67.0	NA	NA
Beryllium		0.250 B [0.240 B]	0.260 B	0.270 B	NA	NA
Cadmium		0.370 B [0.240 B]	0.460 B	0.750	NA	NA
Chromium		8.20 [7.90]	12.0	11.0	NA	NA
Cobalt		7.60 [7.00]	7.00	9.40	NA	NA
Copper		32.0 [40.0]	100	120	NA	NA
Cyanide		0.0850 J [0.100 J]	0.210 J	0.330 J	NA	NA
Lead		65.0 [69.0]	130	150	NA	NA
Mercury		0.150 J [1.40 J]	0.170 J	0.0920J	NA	NA
Nickel		12.0 [13.0]	16.0	16.0	NA	NA
Selenium		ND(1.00) J [ND(1.00) J]	ND(1.00) J	ND(1.00) J	NA	NA
Silver		ND(1.00) [ND(1.00)]	ND(1.00)	0.360 B	NA	NA
Sulfide		20.0 J [24.0 J]	25.0 J	63.0 J	NA	NA
Thallium		ND(1.10) J [2.60 J]	ND(1.20) J	ND(1.10) J	NA	NA
Tin		ND(10.0) [ND(10.0)]	ND(17.0)	ND(10.0)	NA	NA
Vanadium		10.0 [8.70]	11.0	21.0	NA	NA
Zinc		96.0 [100]	150	690	NA	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-T12 6-10 05/01/03	RAA11-U3 0-1 04/29/03	RAA11-U5 0-1 04/29/03	RAA11-U7 0-1 04/30/03	RAA11-U7 6-10 04/30/03	RAA11-U7 8-10 04/30/03
Volatile Organics							
1,4-Dioxane		NA	ND(0.11) J	ND(0.10) J	ND(0.11) J	NA	ND(0.11) J
2-Butanone		NA	ND(0.011) J	ND(0.010) J	ND(0.011)	NA	ND(0.011)
Acetone		NA	ND(0.021)	ND(0.021)	ND(0.021) J	NA	ND(0.021) J
Benzene		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Chlorobenzene		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Ethylbenzene		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Methylene Chloride		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Styrene		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Tetrachloroethene		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Toluene		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Xylenes (total)		NA	ND(0.0053)	ND(0.0052)	ND(0.0053)	NA	ND(0.0054)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,2-Dichlorobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,2-Diphenylhydrazine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,3,5-Trinitrobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,3-Dichlorobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,3-Dinitrobenzene		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
1,4-Dichlorobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
1,4-Naphthoquinone		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
1-Naphthylamine		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
2,3,4,6-Tetrachlorophenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,4,5-Trichlorophenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,4,6-Trichlorophenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,4-Dichlorophenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,4-Dimethylphenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,4-Dinitrophenol		ND(1.9) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	NA
2,4-Dinitrotoluene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,6-Dichlorophenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2,6-Dinitrotoluene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2-Acetylaminofluorene		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
2-Chloronaphthalene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2-Chlorophenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2-Methylnaphthalene		0.20 J	ND(0.36)	0.48	ND(0.35)	ND(0.35)	NA
2-Methylphenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
2-Naphthylamine		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
2-Nitroaniline		ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	NA
2-Nitrophenol		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
2-Picoline		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
3&4-Methylphenol		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
3,3'-Dichlorobenzidine		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
3,3'-Dimethylbenzidine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
3-Methylcholanthrene		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
3-Nitroaniline		ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	NA
4,6-Dinitro-2-methylphenol		ND(0.38) J	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
4-Aminobiphenyl		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
4-Bromophenyl-phenylether		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
4-Chloroaniline		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
4-Chlorobenzilate		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
4-Nitroaniline		ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	NA
4-Nitrophenol		ND(1.9) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	ND(1.8) J	NA
4-Nitroquinoline-1-oxide		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
4-Phenylenediamine		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
5-Nitro-o-toluidine		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
a,a'-Dimethylphenethylamine		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Acenaphthene		0.60	0.16 J	ND(0.35)	ND(0.35)	ND(0.35)	NA
Acenaphthylene		1.6	0.27 J	2.1	ND(0.35)	ND(0.35)	NA
Acetophenone		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Aniline		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Anthracene		2.4	0.31 J	4.8	ND(0.35)	ND(0.35)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-T12 6-10 05/01/03	RAA11-U3 0-1 04/29/03	RAA11-U5 0-1 04/29/03	RAA11-U7 0-1 04/30/03	RAA11-U7 6-10 04/30/03	RAA11-U7 8-10 04/30/03
Semivolatile Organics (continued)							
Aramite		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Benzidine		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Benzo(a)anthracene		5.6	0.68	6.6	ND(0.35)	ND(0.35)	NA
Benzo(a)pyrene		5.7	0.88	6.6	ND(0.35)	ND(0.35)	NA
Benzo(b)fluoranthene		7.0	1.0	7.7	ND(0.35)	ND(0.35)	NA
Benzo(g,h,i)perylene		3.5	0.62	3.1	ND(0.35)	ND(0.35)	NA
Benzo(k)fluoranthene		2.8	0.42	3.2	ND(0.35)	ND(0.35)	NA
Benzyl Alcohol		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
bis(2-Chloroethoxy)methane		ND(0.38)	ND(0.36) J	ND(0.35) J	ND(0.35)	ND(0.35)	NA
bis(2-Chloroethyl)ether		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
bis(2-Chloroisopropyl)ether		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
bis(2-Ethylhexyl)phthalate		ND(0.37)	ND(0.35)	ND(0.34)	ND(0.35)	ND(0.35)	NA
Butylbenzylphthalate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Chrysene		5.9	0.60	6.6	ND(0.35)	ND(0.35)	NA
Diallate		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71) J	ND(0.70) J	NA
Dibenzo(a,h)anthracene		0.93	0.077 J	1.0	ND(0.35)	ND(0.35)	NA
Dibenzofuran		0.58	0.096 J	1.3	ND(0.35)	ND(0.35)	NA
Diethylphthalate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Dimethylphthalate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Di-n-Butylphthalate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Di-n-Octylphthalate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Diphenylamine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Ethyl Methanesulfonate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Fluoranthene		14	1.4	16	ND(0.35)	ND(0.35)	NA
Fluorene		1.9	0.15 J	3.7	ND(0.35)	ND(0.35)	NA
Hexachlorobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Hexachlorobutadiene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Hexachlorocyclopentadiene		ND(0.38) J	ND(0.36) J	ND(0.35) J	ND(0.35) J	ND(0.35) J	NA
Hexachloroethane		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Hexachlorophene		ND(0.76) J	ND(0.71) J	ND(0.70) J	ND(0.71) J	ND(0.70) J	NA
Hexachloropropene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Indeno(1,2,3-cd)pyrene		2.9	0.50	2.9	ND(0.35)	ND(0.35)	NA
Isodrin		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Isophorone		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Isosafrole		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Methapyrilene		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Methyl Methanesulfonate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Naphthalene		0.31 J	0.074 J	0.19 J	ND(0.35)	ND(0.35)	NA
Nitrobenzene		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitrosodiethylamine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitrosodimethylamine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitroso-di-n-butylamine		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
N-Nitroso-di-n-propylamine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitrosodiphenylamine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitrosomethylethylamine		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
N-Nitrosomorpholine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitrosopiperidine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
N-Nitrosopyrrolidine		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
o,o,o-Triethylphosphorothioate		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
o-Toluidine		ND(0.38) J	ND(0.36)	ND(0.35)	ND(0.35) J	ND(0.35) J	NA
p-Dimethylaminoazobenzene		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Pentachlorobenzene		ND(0.38) J	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Pentachloroethane		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Pentachloronitrobenzene		ND(0.76) J	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Pentachlorophenol		ND(1.9)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	NA
Phenacetin		ND(0.76)	ND(0.71)	ND(0.70)	ND(0.71)	ND(0.70)	NA
Phenanthrene		10	0.73	18	ND(0.35)	ND(0.35)	NA
Phenol		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Pronamide		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Pyrene		12	1.4	13	ND(0.35)	ND(0.35)	NA
Pyridine		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Safrole		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA
Thionazin		ND(0.38)	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.35)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:					
	RAA11-T12 6-10 05/01/03	RAA11-U3 0-1 04/29/03	RAA11-U5 0-1 04/29/03	RAA11-U7 0-1 04/30/03	RAA11-U7 6-10 04/30/03	RAA11-U7 8-10 04/30/03
Organochlorine Pesticides						
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	NA	NA	NA	NA	NA	NA
Herbicides						
None Detected	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000010 Y	0.0000053 QJ	ND(0.0000015)	ND(0.0000015) X	ND(0.0000013)	NA
TCDFs (total)	0.000067 QJ	0.000050 I	0.0000012	ND(0.0000018)	ND(0.0000013)	NA
1,2,3,7,8-PeCDF	0.0000037 QJ	ND(0.0000032) X	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
2,3,4,7,8-PeCDF	0.000015 QJ	0.0000041 J	0.0000016 J	ND(0.0000019)	ND(0.0000025)	NA
PeCDFs (total)	0.00011 QJ	0.000042 QJ	0.0000099 QJ	ND(0.0000086)	ND(0.0000025)	NA
1,2,3,4,7,8-HxCDF	0.0000060 J	0.0000028 J	ND(0.0000026)	ND(0.0000011) X	ND(0.0000025)	NA
1,2,3,6,7,8-HxCDF	ND(0.0000048) X	0.0000021 J	ND(0.0000026)	ND(0.00000094) X	ND(0.0000025)	NA
1,2,3,7,8,9-HxCDF	ND(0.0000014) X	ND(0.0000023)	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
2,3,4,6,7,8-HxCDF	0.0000092 J	0.0000027 J	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
HxCDFs (total)	0.000096	0.000034	0.0000072	ND(0.0000047)	ND(0.0000025)	NA
1,2,3,4,6,7,8-HpCDF	0.000016	ND(0.0000050)	ND(0.0000030)	0.0000023 J	ND(0.0000025)	NA
1,2,3,4,7,8,9-HpCDF	0.0000020 J	ND(0.0000029)	ND(0.0000030)	ND(0.0000025)	ND(0.0000025)	NA
HpCDFs (total)	0.000037	ND(0.0000090)	ND(0.0000030)	0.0000023	ND(0.0000025)	NA
OCDF	0.000018 J	ND(0.0000068) X	ND(0.0000076)	ND(0.0000057)	ND(0.0000050)	NA
Dioxins						
2,3,7,8-TCDD	ND(0.0000011)	ND(0.0000012)	ND(0.0000014)	ND(0.0000019)	ND(0.0000013)	NA
TCDDs (total)	ND(0.0000011)	ND(0.0000032)	ND(0.0000032)	ND(0.0000036)	ND(0.0000034)	NA
1,2,3,7,8-PeCDD	ND(0.0000014) J	ND(0.0000023)	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
PeCDDs (total)	ND(0.0000014) QJ	ND(0.0000023)	ND(0.0000045)	ND(0.0000040)	ND(0.0000040)	NA
1,2,3,4,7,8-HxCDD	ND(0.0000019)	ND(0.0000023)	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
1,2,3,6,7,8-HxCDD	0.0000024 J	ND(0.0000023)	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
1,2,3,7,8,9-HxCDD	0.0000022 J	ND(0.0000023)	ND(0.0000026)	ND(0.0000025)	ND(0.0000025)	NA
HxCDDs (total)	0.000014	ND(0.0000029)	ND(0.0000026)	ND(0.0000025)	ND(0.0000048)	NA
1,2,3,4,6,7,8-HpCDD	0.000043	0.0000065 J	0.000010 J	0.0000037 J	ND(0.0000027)	NA
HpCDDs (total)	0.000070	0.0000065	0.000025	0.0000037	ND(0.0000027)	NA
OCDD	0.00019	ND(0.000032)	0.00015	ND(0.000018)	ND(0.0000072)	NA
Total TEQs (WHO TEFs)	0.000013	0.0000057	0.0000040	0.0000036	0.0000036	NA
Inorganics						
Antimony	ND(6.0)	ND(6.00)	ND(6.00)	ND(6.00)	ND(10.0)	NA
Arsenic	5.40	3.40	3.80	3.10	10.0	NA
Barium	42.0	15.0	18.0	18.0 B	24.0	NA
Beryllium	0.210 B	0.130 B	0.190	0.170 B	0.310 B	NA
Cadmium	0.380 B	0.190	0.200	0.230 B	0.460 B	NA
Chromium	9.10	5.20	5.50	4.40	11.0	NA
Cobalt	7.00	5.80	8.00	4.60 B	14.0	NA
Copper	65.0	16.0	13.0	11.0	30.0	NA
Cyanide	0.270 J	ND(0.210)	ND(0.210)	0.0200 B	ND(0.100)	NA
Lead	100	11.0	12.0	14.0	12.0	NA
Mercury	0.180 J	0.0260 B	0.110	0.00780 B	0.0190 B	NA
Nickel	12.0	10.0	11.0	8.50	25.0	NA
Selenium	ND(1.00) J	ND(1.00)	ND(1.00)	0.780 J	1.10 J	NA
Silver	0.510 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(6.00)	NA
Sulfide	72.0 J	17.0	21.0	20.0 J	19.0 J	NA
Thallium	ND(1.10) J	ND(1.10) J	ND(1.00) J	ND(1.10) J	ND(1.00) J	NA
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	NA
Vanadium	7.40	5.00	7.60	4.40 B	8.50	NA
Zinc	200	29.0	35.0	31.0	60.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-U9 0-1 04/30/03	RAA11-U11 0-1 05/01/03	RAA11-U11 1-3 05/01/03	RAA11-U11 3-4 05/01/03	RAA11-U11 3-6 05/01/03	RAA11-U11 6-8 05/01/03
Volatile Organics							
1,4-Dioxane		ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	ND(0.11) J
2-Butanone		ND(0.011)	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.011)
Acetone		ND(0.021) J	ND(0.022) J	ND(0.022) J	ND(0.022) J	NA	ND(0.023) J
Benzene		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Chlorobenzene		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Ethylbenzene		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Methylene Chloride		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Styrene		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Tetrachloroethene		0.0059	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Toluene		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Xylenes (total)		ND(0.0054)	ND(0.0055)	ND(0.0056)	ND(0.0056)	NA	ND(0.0057)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,2,4-Trichlorobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,2-Dichlorobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,2-Diphenylhydrazine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,3,5-Trinitrobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,3-Dichlorobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,3-Dinitrobenzene		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
1,4-Dichlorobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
1,4-Naphthoquinone		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
1-Naphthylamine		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
2,3,4,6-Tetrachlorophenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,4,5-Trichlorophenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,4,6-Trichlorophenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,4-Dichlorophenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,4-Dimethylphenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,4-Dinitrophenol		ND(1.8) J	ND(1.9) J	ND(1.9) J	NA	ND(1.9) J	NA
2,4-Dinitrotoluene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,6-Dichlorophenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2,6-Dinitrotoluene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2-Acetylaminofluorene		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
2-Chloronaphthalene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2-Chlorophenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2-Methylnaphthalene		ND(0.36)	ND(0.36)	ND(0.37)	NA	0.22 J	NA
2-Methylphenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
2-Naphthylamine		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
2-Nitroaniline		ND(1.8)	ND(1.9)	ND(1.9)	NA	ND(1.9)	NA
2-Nitrophenol		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
2-Picoline		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
3&4-Methylphenol		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
3,3'-Dichlorobenzidine		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
3,3'-Dimethylbenzidine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
3-Methylcholanthrene		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
3-Nitroaniline		ND(1.8)	ND(1.9)	ND(1.9)	NA	ND(1.9)	NA
4,6-Dinitro-2-methylphenol		ND(0.36)	ND(0.36) J	ND(0.37) J	NA	ND(0.37) J	NA
4-Aminobiphenyl		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
4-Bromophenyl-phenylether		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
4-Chloroaniline		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
4-Chlorobenzilate		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
4-Nitroaniline		ND(1.8)	ND(1.9)	ND(1.9)	NA	ND(1.9)	NA
4-Nitrophenol		ND(1.8) J	ND(1.9) J	ND(1.9) J	NA	ND(1.9) J	NA
4-Nitroquinoline-1-oxide		ND(0.72)	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
4-Phenylenediamine		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
5-Nitro-o-toluidine		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
a,a'-Dimethylphenethylamine		ND(0.72)	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
Acenaphthene		ND(0.36)	0.11 J	0.11 J	NA	0.63	NA
Acenaphthylene		ND(0.36)	0.24 J	0.13 J	NA	0.26 J	NA
Acetophenone		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Aniline		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Anthracene		ND(0.36)	0.32 J	0.24 J	NA	1.8	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-U9 0-1 04/30/03	RAA11-U11 0-1 05/01/03	RAA11-U11 1-3 05/01/03	RAA11-U11 3-4 05/01/03	RAA11-U11 3-6 05/01/03	RAA11-U11 6-8 05/01/03
Semivolatile Organics (continued)							
Aramite		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
Benzidine		ND(0.72)	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
Benzo(a)anthracene		ND(0.36)	0.98	0.59	NA	3.4	NA
Benzo(a)pyrene		ND(0.36)	0.95	0.66	NA	3.1	NA
Benzo(b)fluoranthene		ND(0.36)	1.3	0.80	NA	4.0	NA
Benzo(g,h,i)perylene		ND(0.36)	0.56	0.46	NA	1.7	NA
Benzo(k)fluoranthene		ND(0.36)	0.46	0.34 J	NA	1.5	NA
Benzyl Alcohol		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
bis(2-Chloroethoxy)methane		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
bis(2-Chloroethyl)ether		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
bis(2-Chloroisopropyl)ether		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate		ND(0.35)	ND(0.36)	0.12 J	NA	ND(0.37)	NA
Butylbenzylphthalate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Chrysene		ND(0.36)	0.98	0.55	NA	3.1	NA
Diallate		ND(0.72) J	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
Dibenzo(a,h)anthracene		ND(0.36)	ND(0.36)	ND(0.37)	NA	0.52	NA
Dibenzofuran		ND(0.36)	ND(0.36)	ND(0.37)	NA	0.51	NA
Diethylphthalate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Dimethylphthalate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Di-n-Butylphthalate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Di-n-Octylphthalate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Diphenylamine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Ethyl Methanesulfonate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Fluoranthene		ND(0.36)	2.2	1.2	NA	7.2	NA
Fluorene		ND(0.36)	0.12 J	ND(0.37)	NA	0.87	NA
Hexachlorobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Hexachlorobutadiene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Hexachlorocyclopentadiene		ND(0.36) J	ND(0.36) J	ND(0.37) J	NA	ND(0.37) J	NA
Hexachloroethane		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Hexachlorophene		ND(0.72) J	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
Hexachloropropene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene		ND(0.36)	0.49	0.33 J	NA	1.6	NA
Isodrin		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Isophorone		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Isosafrole		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
Methapyrilene		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
Methyl Methanesulfonate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Naphthalene		ND(0.36)	ND(0.36)	0.10 J	NA	0.54	NA
Nitrobenzene		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitrosodiethylamine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitrosodimethylamine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitroso-di-n-butylamine		ND(0.72)	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
N-Nitroso-di-n-propylamine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitrosodiphenylamine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitrosomethylethylamine		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
N-Nitrosomorpholine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitrosopiperidine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
N-Nitrosopyrrolidine		ND(0.72)	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
o,o,o-Triethylphosphorothioate		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
o-Toluidine		ND(0.36) J	ND(0.36) J	ND(0.37) J	NA	ND(0.37) J	NA
p-Dimethylaminoazobenzene		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
Pentachlorobenzene		ND(0.36)	ND(0.36) J	ND(0.37) J	NA	ND(0.37) J	NA
Pentachloroethane		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Pentachloronitrobenzene		ND(0.72)	ND(0.73) J	ND(0.75) J	NA	ND(0.75) J	NA
Pentachlorophenol		ND(1.8)	ND(1.9)	ND(1.9)	NA	ND(1.9)	NA
Phenacetin		ND(0.72)	ND(0.73)	ND(0.75)	NA	ND(0.75)	NA
Phenanthrene		ND(0.36)	1.3	0.84	NA	6.8	NA
Phenol		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Pronamide		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Pyrene		0.089 J	1.9	1.1	NA	6.3	NA
Pyridine		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Safrole		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA
Thionazin		ND(0.36)	ND(0.36)	ND(0.37)	NA	ND(0.37)	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-U9 0-1 04/30/03	RAA11-U11 0-1 05/01/03	RAA11-U11 1-3 05/01/03	RAA11-U11 3-4 05/01/03	RAA11-U11 3-6 05/01/03	RAA11-U11 6-8 05/01/03
Organochlorine Pesticides							
Aldrin		NA	ND(0.0080)	ND(0.0080)	NA	NA	NA
Alpha-Chlordane		NA	ND(0.0080)	ND(0.0080)	NA	NA	NA
Technical Chlordane		NA	ND(0.091)	ND(0.094)	NA	NA	NA
Organophosphate Pesticides							
None Detected		NA	--	--	NA	NA	NA
Herbicides							
None Detected		NA	--	--	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.0000035 J	0.000038 Y	0.0000075 J	NA	0.0000014 J	NA
TCDFs (total)		0.000015	0.00039 QJ	0.000064	NA	0.0000034 QJ	NA
1,2,3,7,8-PeCDF		ND(0.0000015) X	0.000011 QJ	0.0000038 J	NA	0.0000012 QJ	NA
2,3,4,7,8-PeCDF		0.0000039 J	0.000058 QJ	0.000012 J	NA	ND(0.0000020) QJ	NA
PeCDFs (total)		0.000040	0.00056 QJ	0.00014	NA	ND(0.0000032) QJ	NA
1,2,3,4,7,8-HxCDF		ND(0.0000028) X	0.000026	0.0000051 J	NA	ND(0.0000015)	NA
1,2,3,6,7,8-HxCDF		ND(0.0000024)	0.000025 J	0.0000053 J	NA	0.0000015 J	NA
1,2,3,7,8,9-HxCDF		ND(0.0000029)	0.0000080 J	ND(0.0000032)	NA	0.0000013 J	NA
2,3,4,6,7,8-HxCDF		ND(0.0000024)	0.000064	0.000010 J	NA	ND(0.0000013)	NA
HxCDFs (total)		0.000030	0.00087	0.00014	NA	0.0000055	NA
1,2,3,4,6,7,8-HpCDF		0.000020 J	0.000080	0.000014 J	NA	0.0000023 J	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000032) X	0.000010 J	ND(0.0000030)	NA	ND(0.0000014) X	NA
HpCDFs (total)		0.000087	0.00019	0.000032	NA	0.0000023	NA
OCDF		0.00014	0.000035 J	0.000012 J	NA	ND(0.0000022) X	NA
Dioxins							
2,3,7,8-TCDD		ND(0.0000014)	ND(0.0000023)	ND(0.0000024)	NA	ND(0.0000015)	NA
TCDDs (total)		0.0000079	ND(0.0000023) QJ	ND(0.0000025)	NA	ND(0.0000029) QJ	NA
1,2,3,7,8-PeCDD		ND(0.0000024)	0.0000026 QJ	ND(0.0000019)	NA	ND(0.0000015) X	NA
PeCDDs (total)		0.000026	0.0000091 QJ	ND(0.0000037)	NA	ND(0.0000026) QJ	NA
1,2,3,4,7,8-HxCDD		ND(0.0000020) X	0.0000014 J	ND(0.0000025)	NA	0.0000012 J	NA
1,2,3,6,7,8-HxCDD		0.0000046 J	0.0000027 J	ND(0.0000022)	NA	0.0000012 J	NA
1,2,3,7,8,9-HxCDD		ND(0.0000027)	ND(0.0000027) X	ND(0.0000024)	NA	ND(0.0000021) X	NA
HxCDDs (total)		0.000013	0.000020	ND(0.0000024)	NA	0.0000055	NA
1,2,3,4,6,7,8-HpCDD		0.00029	0.000014 J	ND(0.0000051) X	NA	0.0000042 J	NA
HpCDDs (total)		0.00055	0.000028	0.0000048	NA	0.0000081	NA
OCDD		0.0048	0.000061	0.000035 J	NA	0.000011 J	NA
Total TEQs (WHO TEFs)		0.0000091	0.000051	0.000012	NA	0.0000030	NA
Inorganics							
Antimony		0.980 B	ND(6.0)	ND(6.0)	NA	ND(6.0)	NA
Arsenic		4.30	4.60	5.50	NA	6.00	NA
Barium		31.0	51.0	54.0	NA	23.0	NA
Beryllium		0.160 B	0.190 B	0.280 B	NA	0.300 B	NA
Cadmium		0.400 B	0.140 B	0.170 B	NA	0.120 B	NA
Chromium		6.70	7.00	7.40	NA	6.00	NA
Cobalt		10.0	8.10	8.20	NA	7.70	NA
Copper		20.0	43.0	24.0	NA	12.0	NA
Cyanide		0.0330 B	0.190 J	ND(0.560) J	NA	ND(0.560) J	NA
Lead		30.0	140	71.0	NA	31.0	NA
Mercury		0.0380 B	0.360 J	0.150 J	NA	0.270 J	NA
Nickel		12.0	11.0	13.0	NA	14.0	NA
Selenium		0.790 J	ND(1.00) J	ND(1.00) J	NA	ND(1.00) J	NA
Silver		0.320 B	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide		31.0 J	32.0 J	47.0 J	NA	45.0 J	NA
Thallium		ND(1.10) J	ND(1.10) J	ND(1.10) J	NA	ND(1.10) J	NA
Tin		ND(10.0)	ND(10.0)	ND(10.0)	NA	ND(10.0)	NA
Vanadium		6.20	7.70	8.00	NA	8.20	NA
Zinc		60.0	96.0	73.0	NA	85.0	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-U11 6-10 05/01/03	RAA11-W5 0-1 04/30/03	RAA11-W7 0-1 04/30/03	RAA11-W7 1-3 04/30/03	RAA11-W7 3-6 04/30/03
Volatile Organics						
1,4-Dioxane		NA	ND(0.11) J	ND(0.10) J	ND(0.11) J	NA
2-Butanone		NA	ND(0.011)	ND(0.010) J	ND(0.011) J	NA
Acetone		NA	ND(0.021) J	ND(0.021)	ND(0.022)	NA
Benzene		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Chlorobenzene		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Ethylbenzene		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Methylene Chloride		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Styrene		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Tetrachloroethene		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Toluene		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Xylenes (total)		NA	ND(0.0053)	ND(0.0053)	ND(0.0056)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,2,4-Trichlorobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,2-Dichlorobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,2-Diphenylhydrazine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,3,5-Trinitrobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,3-Dichlorobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,3-Dinitrobenzene		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
1,4-Dichlorobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
1,4-Naphthoquinone		ND(0.77)	ND(0.71) J	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
1-Naphthylamine		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
2,3,4,6-Tetrachlorophenol		ND(0.38)	ND(0.35) J	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,4,5-Trichlorophenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,4,6-Trichlorophenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,4-Dichlorophenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,4-Dimethylphenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,4-Dinitrophenol		ND(2.0) J	ND(1.8) J	ND(1.8) J	ND(1.9) J	ND(1.8) J [ND(1.8) J]
2,4-Dinitrotoluene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,6-Dichlorophenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2,6-Dinitrotoluene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2-Acetylaminofluorene		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
2-Chloronaphthalene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2-Chlorophenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2-Methylnaphthalene		1.2	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2-Methylphenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
2-Naphthylamine		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
2-Nitroaniline		ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.8) [ND(1.8)]
2-Nitrophenol		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
2-Picoline		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
3&4-Methylphenol		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
3,3'-Dichlorobenzidine		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
3,3'-Dimethylbenzidine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
3-Methylcholanthrene		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
3-Nitroaniline		ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.8) [ND(1.8)]
4,6-Dinitro-2-methylphenol		ND(0.38) J	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
4-Aminobiphenyl		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
4-Bromophenyl-phenylether		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
4-Chloroaniline		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
4-Chlorobenzilate		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
4-Nitroaniline		ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.8) [ND(1.8)]
4-Nitrophenol		ND(2.0) J	ND(1.8) J	ND(1.8) J	ND(1.9) J	ND(1.8) J [ND(1.8) J]
4-Nitroquinoline-1-oxide		ND(0.77) J	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
4-Phenylenediamine		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
5-Nitro-o-toluidine		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
7,12-Dimethylbenz(a)anthracene		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
a,a'-Dimethylphenethylamine		ND(0.77) J	ND(0.71) J	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Acenaphthene		2.0	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Acenaphthylene		0.33 J	ND(0.35)	ND(0.35)	0.090 J	ND(0.36) [ND(0.36)]
Acetophenone		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Aniline		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Anthracene		4.6	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-U11 6-10 05/01/03	RAA11-W5 0-1 04/30/03	RAA11-W7 0-1 04/30/03	RAA11-W7 1-3 04/30/03	RAA11-W7 3-6 04/30/03
Semivolatile Organics (continued)						
Aramite		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Benzidine		ND(0.77) J	ND(0.71) J	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Benzo(a)anthracene		4.1	ND(0.35)	ND(0.35)	0.11 J	ND(0.36) [ND(0.36)]
Benzo(a)pyrene		2.0	ND(0.35)	ND(0.35)	0.12 J	ND(0.36) [ND(0.36)]
Benzo(b)fluoranthene		3.0	ND(0.35)	ND(0.35)	0.23 J	ND(0.36) [ND(0.36)]
Benzo(g,h,i)perylene		0.64	ND(0.35)	ND(0.35)	0.17 J	ND(0.36) [ND(0.36)]
Benzo(k)fluoranthene		1.1	ND(0.35)	ND(0.35)	0.076 J	ND(0.36) [ND(0.36)]
Benzyl Alcohol		ND(0.77)	ND(0.71) J	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
bis(2-Chloroethoxy)methane		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
bis(2-Chloroethyl)ether		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
bis(2-Chloroisopropyl)ether		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
bis(2-Ethylhexyl)phthalate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	[ND(0.36)]
Butylbenzylphthalate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Chrysene		3.5	ND(0.35)	ND(0.35)	0.11 J	ND(0.36) [ND(0.36)]
Diallate		ND(0.77) J	ND(0.71) J	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73) J]
Dibenzo(a,h)anthracene		0.25 J	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Dibenzofuran		2.4	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Diethylphthalate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Dimethylphthalate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Di-n-Butylphthalate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Di-n-Octylphthalate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Diphenylamine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Ethyl Methanesulfonate		ND(0.38)	ND(0.35)	ND(0.35) J	ND(0.37) J	ND(0.36) J [ND(0.36)]
Fluoranthene		9.1	ND(0.35)	ND(0.35)	0.15 J	ND(0.36) [ND(0.36)]
Fluorene		3.5	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Hexachlorobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Hexachlorobutadiene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Hexachlorocyclopentadiene		ND(0.38) J	ND(0.35) J	ND(0.35) J	ND(0.37) J	ND(0.36) J [ND(0.36) J]
Hexachloroethane		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Hexachlorophene		ND(0.77) J	ND(0.71) J	ND(0.71) J	ND(0.75) J	ND(0.73) J [ND(0.73) J]
Hexachloropropene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Indeno(1,2,3-cd)pyrene		0.64	ND(0.35)	ND(0.35)	0.12 J	ND(0.36) [ND(0.36)]
Isodrin		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Isophorone		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Isosafrole		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Methapyrilene		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Methyl Methanesulfonate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Naphthalene		2.6	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Nitrobenzene		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitrosodiethylamine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitrosodimethylamine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitroso-di-n-butylamine		ND(0.77) J	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
N-Nitroso-di-n-propylamine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitrosodiphenylamine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitrosomethylethylamine		ND(0.77)	ND(0.71) J	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
N-Nitrosomorpholine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitrosopiperidine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
N-Nitrosopyrrolidine		ND(0.77) J	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
o,o,o-Triethylphosphorothioate		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
o-Toluidine		ND(0.38) J	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36) J]
p-Dimethylaminoazobenzene		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Pentachlorobenzene		ND(0.38) J	ND(0.35) J	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Pentachloroethane		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Pentachloronitrobenzene		ND(0.77) J	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Pentachlorophenol		ND(2.0)	ND(1.8)	ND(1.8)	ND(1.9)	ND(1.8) [ND(1.8)]
Phenacetin		ND(0.77)	ND(0.71)	ND(0.71)	ND(0.75)	ND(0.73) [ND(0.73)]
Phenanthrene		12	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Phenol		0.14 J	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Pronamide		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Pyrene		7.0	ND(0.35)	ND(0.35)	0.16 J	ND(0.36) [ND(0.36)]
Pyridine		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Safrole		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]
Thionazin		ND(0.38)	ND(0.35)	ND(0.35)	ND(0.37)	ND(0.36) [ND(0.36)]

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

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA11-U11 6-10 05/01/03	RAA11-W5 0-1 04/30/03	RAA11-W7 0-1 04/30/03	RAA11-W7 1-3 04/30/03	RAA11-W7 3-6 04/30/03
Organochlorine Pesticides					
Aldrin	ND(0.0080)	NA	NA	NA	NA
Alpha-Chlordane	ND(0.0080)	NA	NA	NA	NA
Technical Chlordane	ND(0.096)	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.0000016)	0.0000013 J	ND(0.0000016)	ND(0.0000046) X	ND(0.0000012) [ND(0.0000011)]
TCDFs (total)	ND(0.0000016)	ND(0.0000015)	ND(0.0000016)	0.000025	ND(0.0000012) [ND(0.0000011)]
1,2,3,7,8-PeCDF	ND(0.0000025)	ND(0.0000025)	ND(0.0000026)	ND(0.0000028)	ND(0.00000066) X [ND(0.0000023)]
2,3,4,7,8-PeCDF	ND(0.0000025)	ND(0.0000012) X	ND(0.0000026)	ND(0.0000088) X	ND(0.00000082) X [ND(0.0000023)]
PeCDFs (total)	ND(0.0000025)	0.000013	0.000019	0.000092	ND(0.0000022) [ND(0.0000023)]
1,2,3,4,7,8-HxCDF	ND(0.0000025)	ND(0.0000025)	ND(0.0000026)	0.0000054 J	ND(0.00000077) X [ND(0.0000023)]
1,2,3,6,7,8-HxCDF	ND(0.0000025)	ND(0.0000025)	ND(0.0000026)	ND(0.0000046) X	ND(0.00000080) X [ND(0.0000023)]
1,2,3,7,8,9-HxCDF	ND(0.0000030)	ND(0.0000025)	ND(0.0000030)	ND(0.0000028)	ND(0.0000022) [ND(0.0000023)]
2,3,4,6,7,8-HxCDF	ND(0.0000025)	ND(0.0000025)	ND(0.0000026)	0.0000084 J	0.00000068 J [ND(0.0000023)]
HxCDFs (total)	ND(0.0000025)	0.000010	0.000011	0.00011	0.0000014 [ND(0.0000023)]
1,2,3,4,6,7,8-HpCDF	ND(0.0000025)	ND(0.0000025)	ND(0.0000031)	0.000018 J	ND(0.0000012) X [ND(0.0000023)]
1,2,3,4,7,8,9-HpCDF	ND(0.0000032)	ND(0.0000029)	ND(0.0000034)	ND(0.0000037)	ND(0.0000022) [ND(0.0000024)]
HpCDFs (total)	ND(0.0000027)	ND(0.0000030)	ND(0.0000031)	0.000033	ND(0.0000022) [ND(0.0000023)]
OCDF	ND(0.0000066)	ND(0.0000050)	ND(0.0000066)	ND(0.000010) X	ND(0.0000045) [ND(0.0000048)]
Dioxins					
2,3,7,8-TCDD	ND(0.0000014)	ND(0.0000010)	ND(0.0000014)	ND(0.0000019)	ND(0.0000011) [ND(0.00000096)]
TCDDs (total)	ND(0.0000036)	ND(0.0000037)	ND(0.0000038)	ND(0.0000031)	ND(0.0000030) [ND(0.0000031)]
1,2,3,7,8-PeCDD	ND(0.0000025)	ND(0.0000025)	ND(0.0000026)	ND(0.0000028)	ND(0.0000022) [ND(0.0000023)]
PeCDDs (total)	ND(0.0000046)	ND(0.0000025)	0.0000049	ND(0.0000028)	ND(0.0000039) [ND(0.0000037)]
1,2,3,4,7,8-HxCDD	ND(0.0000031)	ND(0.0000025)	ND(0.0000042)	ND(0.0000031)	ND(0.0000022) [ND(0.0000024)]
1,2,3,6,7,8-HxCDD	ND(0.0000028)	ND(0.0000025)	ND(0.0000038)	ND(0.0000028)	ND(0.0000022) [ND(0.0000023)]
1,2,3,7,8,9-HxCDD	ND(0.0000031)	ND(0.0000025)	ND(0.0000042)	ND(0.0000031)	ND(0.0000022) [ND(0.0000024)]
HxCDDs (total)	ND(0.0000030)	ND(0.0000039)	ND(0.0000040)	ND(0.0000030)	ND(0.0000044) [ND(0.0000043)]
1,2,3,4,6,7,8-HpCDD	ND(0.0000035)	ND(0.0000038)	0.0000035 J	0.0000087 J	0.0000022 J [ND(0.0000027)]
HpCDDs (total)	ND(0.0000035)	0.0000023	0.0000059	0.000016	0.0000038 [ND(0.0000027)]
OCDD	ND(0.0000073) X	ND(0.000012)	ND(0.000020)	0.000045 J	ND(0.000013) [ND(0.0000066)]
Total TEQs (WHO TEFs)	0.0000037	0.0000032	0.0000040	0.0000073	0.0000026 [0.0000032]
Inorganics					
Antimony	ND(6.0)	ND(6.00)	ND(6.00)	1.10 B	1.00 B [ND(10.0)]
Arsenic	4.60	3.90	3.50	6.30	6.90 [6.40]
Barium	38.0	40.0	9.70 B	40.0	28.0 [22.0]
Beryllium	0.220 B	0.140 B	0.0710 B	0.110 B	0.200 B [0.150 B]
Cadmium	0.160 B	0.260 B	0.0990 B	0.280 B	0.280 B [0.250 B]
Chromium	5.80	5.00	4.20	8.20	9.00 [8.00]
Cobalt	6.60	6.30	4.80 B	7.30	8.60 [8.30]
Copper	12.0	11.0	9.40	30.0	19.0 [18.0]
Cyanide	ND(0.570) J	ND(0.210)	ND(0.100)	0.180	0.0500 B [0.0680 B]
Lead	23.0	19.0	6.80	62.0	25.0 [34.0]
Mercury	0.260 J	0.0180 B	ND(0.100)	0.170	0.0450 B [0.0450 B]
Nickel	10.0	15.0	9.00	12.0	16.0 [15.0]
Selenium	ND(1.00) J	ND(1.00) J	0.850 J	0.850 J	1.80 J [ND(1.00) J]
Silver	ND(1.00)	0.160 B	ND(1.00)	0.200 B	0.180 B [ND(6.00)]
Sulfide	46.0 J	17.0 J	6.80 J	23.0 J	22.0 J [20.0 J]
Thallium	ND(1.10) J	ND(1.10) J	ND(1.00) J	ND(1.10) J	ND(1.10) J [ND(1.10) J]
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0) [ND(10.0)]
Vanadium	7.20	6.50	4.10 B	7.20	8.60 [7.20]
Zinc	50.0	36.0	24.0	63.0	54.0 [46.0]

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA11-W7 4-6 04/30/03	RAA11-W7 10-12 04/30/03	RAA11-W7 10-15 04/30/03	RAA11-W11 0-1 05/02/03	RAA11-W11 1-3 05/02/03
Volatile Organics					
1,4-Dioxane	ND(0.11) J [ND(0.11) J]	ND(0.12) J	NA	ND(0.11) J	ND(0.11) J
2-Butanone	ND(0.011) [ND(0.011)]	ND(0.012)	NA	ND(0.011)	ND(0.011)
Acetone	ND(0.021) J [ND(0.022) J]	ND(0.024) J	NA	ND(0.022) J	ND(0.022) J
Benzene	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Chlorobenzene	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Ethylbenzene	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Methylene Chloride	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Styrene	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Tetrachloroethene	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	0.0049 J	ND(0.0055)
Toluene	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Xylenes (total)	ND(0.0053) [ND(0.0054)]	ND(0.0059)	NA	ND(0.0056)	ND(0.0055)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
1,2-Dichlorobenzene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
1,2-Diphenylhydrazine	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
1,3,5-Trinitrobenzene	NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
1,3-Dichlorobenzene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
1,3-Dinitrobenzene	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
1,4-Dichlorobenzene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
1,4-Naphthoquinone	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
1-Naphthylamine	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2,4,5-Trichlorophenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2,4,6-Trichlorophenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2,4-Dichlorophenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2,4-Dimethylphenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2,4-Dinitrophenol	NA	NA	ND(1.9) J	ND(1.9)	ND(1.9)
2,4-Dinitrotoluene	NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
2,6-Dichlorophenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2,6-Dinitrotoluene	NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
2-Acetylaminofluorene	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
2-Chloronaphthalene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2-Chlorophenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2-Methylnaphthalene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2-Methylphenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
2-Naphthylamine	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
2-Nitroaniline	NA	NA	ND(1.9)	ND(1.9) J	ND(1.9) J
2-Nitrophenol	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
2-Picoline	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
3&4-Methylphenol	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
3,3'-Dichlorobenzidine	NA	NA	ND(0.76)	ND(0.76) J	ND(0.74) J
3,3'-Dimethylbenzidine	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
3-Methylcholanthrene	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
3-Nitroaniline	NA	NA	ND(1.9)	ND(1.9) J	ND(1.9) J
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
4-Aminobiphenyl	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
4-Bromophenyl-phenylether	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
4-Chloro-3-Methylphenol	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
4-Chloroaniline	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
4-Chlorobenzilate	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
4-Chlorophenyl-phenylether	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
4-Nitroaniline	NA	NA	ND(1.9)	ND(1.9) J	ND(1.9) J
4-Nitrophenol	NA	NA	ND(1.9) J	ND(1.9) J	ND(1.9) J
4-Nitroquinoline-1-oxide	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
4-Phenylenediamine	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
5-Nitro-o-toluidine	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
a,a'-Dimethylphenethylamine	NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
Acenaphthene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Acenaphthylene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Acetophenone	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Aniline	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Anthracene	NA	NA	ND(0.38)	ND(0.38)	ND(0.37)

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Semivolatile Organics (continued)						
Aramite		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
Benzidine		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
Benzo(a)anthracene		NA	NA	ND(0.38)	0.14 J	ND(0.37)
Benzo(a)pyrene		NA	NA	ND(0.38)	0.16 J	ND(0.37)
Benzo(b)fluoranthene		NA	NA	ND(0.38)	0.075 J	ND(0.37)
Benzo(g,h,i)perylene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Benzo(k)fluoranthene		NA	NA	ND(0.38)	0.17 J	ND(0.37)
Benzyl Alcohol		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
bis(2-Chloroethoxy)methane		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
bis(2-Chloroethyl)ether		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
bis(2-Chloroisopropyl)ether		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
bis(2-Ethylhexyl)phthalate		NA	NA	ND(0.38)	ND(0.37) J	ND(0.36) J
Butylbenzylphthalate		NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
Chrysene		NA	NA	ND(0.38)	0.14 J	ND(0.37)
Diallate		NA	NA	ND(0.76) J	ND(0.76)	ND(0.74)
Dibenzo(a,h)anthracene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Dibenzofuran		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Diethylphthalate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Dimethylphthalate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Di-n-Butylphthalate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Di-n-Octylphthalate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Diphenylamine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Ethyl Methanesulfonate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Fluoranthene		NA	NA	ND(0.38)	0.23 J	ND(0.37)
Fluorene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorobenzene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorobutadiene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorocyclopentadiene		NA	NA	ND(0.38) J	ND(0.38)	ND(0.37)
Hexachloroethane		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Hexachlorophene		NA	NA	ND(0.76) J	ND(0.76) J	ND(0.74) J
Hexachloropropene		NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
Indeno(1,2,3-cd)pyrene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Isodrin		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Isophorone		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Isosafrole		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
Methapyrilene		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
Methyl Methanesulfonate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Naphthalene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Nitrobenzene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosodiethylamine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosodimethylamine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitroso-di-n-butylamine		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
N-Nitroso-di-n-propylamine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosodiphenylamine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosomethylethylamine		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
N-Nitrosomorpholine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosopiperidine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
N-Nitrosopyrrolidine		NA	NA	ND(0.76)	ND(0.76) J	ND(0.74) J
o,o,o-Triethylphosphorothioate		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
o-Toluidine		NA	NA	ND(0.38) J	ND(0.38)	ND(0.37)
p-Dimethylaminoazobenzene		NA	NA	ND(0.76)	ND(0.76) J	ND(0.74) J
Pentachlorobenzene		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Pentachloroethane		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Pentachloronitrobenzene		NA	NA	ND(0.76)	ND(0.76) J	ND(0.74) J
Pentachlorophenol		NA	NA	ND(1.9)	ND(1.9)	ND(1.9)
Phenacetin		NA	NA	ND(0.76)	ND(0.76)	ND(0.74)
Phenanthrene		NA	NA	ND(0.38)	0.10 J	ND(0.37)
Phenol		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Pronamide		NA	NA	ND(0.38)	ND(0.38) J	ND(0.37) J
Pyrene		NA	NA	ND(0.38)	0.75	ND(0.37)
Pyridine		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Safrole		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)
Thionazin		NA	NA	ND(0.38)	ND(0.38)	ND(0.37)

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Organochlorine Pesticides						
Aldrin		NA	NA	NA	ND(0.0080)	ND(0.0080)
Alpha-Chlordane		NA	NA	NA	ND(0.0080)	ND(0.0080)
Technical Chlordane		NA	NA	NA	ND(0.094)	ND(0.092)
Organophosphate Pesticides						
None Detected		NA	NA	NA	--	--
Herbicides						
None Detected		NA	NA	NA	--	--
Furans						
2,3,7,8-TCDF		NA	NA	ND(0.0000012)	0.0000094 Y	0.0000018 J
TCDFs (total)		NA	NA	ND(0.0000012)	0.000040	0.0000018
1,2,3,7,8-PeCDF		NA	NA	ND(0.0000028)	ND(0.0000028) X	ND(0.0000025)
2,3,4,7,8-PeCDF		NA	NA	ND(0.0000028)	ND(0.0000034) X	ND(0.00000086) X
PeCDFs (total)		NA	NA	ND(0.0000028)	0.000022	ND(0.0000025)
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.0000028)	0.0000027 J	ND(0.0000025)
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.0000028)	ND(0.0000026) X	ND(0.0000025)
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.0000028)	0.0000031 J	ND(0.0000025)
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.0000028)	0.0000025 J	ND(0.0000025)
HxCDFs (total)		NA	NA	ND(0.0000028)	0.000016	ND(0.0000025)
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.0000028)	0.0000056 J	ND(0.0000025)
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.0000028)	0.0000031 J	ND(0.0000032)
HpCDFs (total)		NA	NA	ND(0.0000028)	0.0000087	ND(0.0000027)
OCDF		NA	NA	ND(0.0000055)	0.0000092 J	ND(0.0000076)
Dioxins						
2,3,7,8-TCDD		NA	NA	ND(0.0000012)	ND(0.0000013)	ND(0.0000013)
TCDDs (total)		NA	NA	ND(0.0000039)	ND(0.0000028)	ND(0.0000030)
1,2,3,7,8-PeCDD		NA	NA	ND(0.0000028)	ND(0.0000019) X	ND(0.0000025)
PeCDDs (total)		NA	NA	ND(0.0000050)	ND(0.0000039)	ND(0.0000041)
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.0000028)	ND(0.0000020)	ND(0.0000025)
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.0000028)	ND(0.0000012) X	ND(0.0000025)
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.0000028)	0.0000018 J	ND(0.0000025)
HxCDDs (total)		NA	NA	ND(0.0000028)	0.0000049	ND(0.0000043)
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.0000024) X	0.0000053 J	ND(0.0000032)
HpCDDs (total)		NA	NA	ND(0.0000028)	0.0000086	ND(0.0000032)
OCDD		NA	NA	ND(0.000011)	0.000021 J	0.0000084 J
Total TEQs (WHO TEFs)		NA	NA	0.0000039	0.0000049	0.0000033
Inorganics						
Antimony		NA	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		NA	NA	5.60	5.40	4.40
Barium		NA	NA	22.0	39.0	27.0
Beryllium		NA	NA	0.180 B	0.190 B	0.220 B
Cadmium		NA	NA	0.330 B	0.240 B	0.160 B
Chromium		NA	NA	7.00	7.40	6.50
Cobalt		NA	NA	7.60	6.80	8.60
Copper		NA	NA	13.0	23.0	20.0
Cyanide		NA	NA	ND(0.570)	0.160	0.0310 B
Lead		NA	NA	4.80	75.0	13.0
Mercury		NA	NA	ND(0.110)	0.400	0.0440 B
Nickel		NA	NA	14.0	11.0	14.0
Selenium		NA	NA	ND(1.00) J	ND(1.00)	ND(1.00)
Silver		NA	NA	0.140 B	ND(1.00)	ND(1.00)
Sulfide		NA	NA	24.0 J	9.00 J	18.0 J
Thallium		NA	NA	ND(1.10) J	ND(1.10) J	ND(1.10) J
Tin		NA	NA	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium		NA	NA	6.90	6.80	6.50
Zinc		NA	NA	42.0	77.0	44.0

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA11-W11 3-6 05/02/03	RAA11-W11 4-6 05/02/03	RAA11-W11 10-15 05/02/03	RAA11-W11 12-14 05/02/03
Volatile Organics				
1,4-Dioxane	NA	ND(0.10) J	NA	ND(0.11) J [ND(0.11) J]
2-Butanone	NA	ND(0.010)	NA	ND(0.011) [ND(0.011)]
Acetone	NA	ND(0.020) J	NA	ND(0.023) J [ND(0.022) J]
Benzene	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Chlorobenzene	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Ethylbenzene	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Methylene Chloride	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Styrene	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Tetrachloroethene	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Toluene	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Xylenes (total)	NA	ND(0.0051)	NA	ND(0.0057) [ND(0.0055)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
1,2,4-Trichlorobenzene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
1,2-Dichlorobenzene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
1,2-Diphenylhydrazine	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
1,3,5-Trinitrobenzene	ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
1,3-Dichlorobenzene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
1,3-Dinitrobenzene	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
1,4-Dichlorobenzene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
1,4-Naphthoquinone	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
1-Naphthylamine	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
2,3,4,6-Tetrachlorophenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2,4,5-Trichlorophenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2,4,6-Trichlorophenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2,4-Dichlorophenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2,4-Dimethylphenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2,4-Dinitrophenol	ND(1.8)	NA	ND(1.9) [ND(1.9)]	NA
2,4-Dinitrotoluene	ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
2,6-Dichlorophenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2,6-Dinitrotoluene	ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
2-Acetylaminofluorene	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
2-Chloronaphthalene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2-Chlorophenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2-Methylnaphthalene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2-Methylphenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
2-Naphthylamine	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
2-Nitroaniline	ND(1.8) J	NA	ND(1.9) J [ND(1.9) J]	NA
2-Nitrophenol	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
2-Picoline	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
3&4-Methylphenol	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
3,3'-Dichlorobenzidine	ND(0.69) J	NA	ND(0.74) J [ND(0.74) J]	NA
3,3'-Dimethylbenzidine	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
3-Methylcholanthrene	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
3-Nitroaniline	ND(1.8) J	NA	ND(1.9) J [ND(1.9) J]	NA
4,6-Dinitro-2-methylphenol	ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
4-Aminobiphenyl	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
4-Bromophenyl-phenylether	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
4-Chloro-3-Methylphenol	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
4-Chloroaniline	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
4-Chlorobenzilate	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
4-Chlorophenyl-phenylether	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
4-Nitroaniline	ND(1.8) J	NA	ND(1.9) J [ND(1.9) J]	NA
4-Nitrophenol	ND(1.8) J	NA	ND(1.9) J [ND(1.9) J]	NA
4-Nitroquinoline-1-oxide	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
4-Phenylenediamine	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
5-Nitro-o-toluidine	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
7,12-Dimethylbenz(a)anthracene	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
a,a'-Dimethylphenethylamine	ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Acenaphthene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Acenaphthylene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Acetophenone	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Aniline	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Anthracene	ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-W11 3-6 05/02/03	RAA11-W11 4-6 05/02/03	RAA11-W11 10-15 05/02/03	RAA11-W11 12-14 05/02/03
Semivolatile Organics (continued)					
Aramite		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Benzidine		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Benzo(a)anthracene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Benzo(a)pyrene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Benzo(b)fluoranthene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Benzo(g,h,i)perylene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Benzo(k)fluoranthene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Benzyl Alcohol		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
bis(2-Chloroethoxy)methane		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
bis(2-Chloroethyl)ether		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
bis(2-Chloroisopropyl)ether		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
bis(2-Ethylhexyl)phthalate		ND(0.34) J	NA	ND(0.36) J [ND(0.36) J]	NA
Butylbenzylphthalate		ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
Chrysene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Diallate		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Dibenzo(a,h)anthracene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Dibenzofuran		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Diethylphthalate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Dimethylphthalate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Di-n-Butylphthalate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Di-n-Octylphthalate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Diphenylamine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Ethyl Methanesulfonate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Fluoranthene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Fluorene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Hexachlorobenzene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Hexachlorobutadiene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Hexachlorocyclopentadiene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Hexachloroethane		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Hexachlorophene		ND(0.69) J	NA	ND(0.74) J [ND(0.74) J]	NA
Hexachloropropene		ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
Indeno(1,2,3-cd)pyrene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Isodrin		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Isophorone		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Isosafrole		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Methapyrilene		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Methyl Methanesulfonate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Naphthalene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Nitrobenzene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
N-Nitrosodiethylamine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
N-Nitrosodimethylamine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
N-Nitroso-di-n-butylamine		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
N-Nitroso-di-n-propylamine		ND(0.34) J	NA	ND(0.37) [ND(0.37)]	NA
N-Nitrosodiphenylamine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
N-Nitrosomethylethylamine		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
N-Nitrosomorpholine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
N-Nitrosopiperidine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
N-Nitrosopyrrolidine		ND(0.69) J	NA	ND(0.74) J [ND(0.74) J]	NA
o,o,o-Triethylphosphorothioate		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
o-Toluidine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
p-Dimethylaminoazobenzene		ND(0.69) J	NA	ND(0.74) J [ND(0.74) J]	NA
Pentachlorobenzene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Pentachloroethane		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Pentachloronitrobenzene		ND(0.69) J	NA	ND(0.74) J [ND(0.74) J]	NA
Pentachlorophenol		ND(1.8)	NA	ND(1.9) [ND(1.9)]	NA
Phenacetin		ND(0.69)	NA	ND(0.74) [ND(0.74)]	NA
Phenanthrene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Phenol		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Pronamide		ND(0.34) J	NA	ND(0.37) J [ND(0.37) J]	NA
Pyrene		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Pyridine		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Safrole		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA
Thionazin		ND(0.34)	NA	ND(0.37) [ND(0.37)]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: RAA11-W11 Sample Depth(Feet): 3-6 Date Collected: 05/02/03	RAA11-W11 4-6 05/02/03	RAA11-W11 10-15 05/02/03	RAA11-W11 12-14 05/02/03
Organochlorine Pesticides				
Aldrin	ND(0.0080)	NA	NA	NA
Alpha-Chlordane	ND(0.0080)	NA	NA	NA
Technical Chlordane	ND(0.086)	NA	NA	NA
Organophosphate Pesticides				
None Detected	--	NA	NA	NA
Herbicides				
None Detected	--	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000010)	NA	ND(0.0000012) [ND(0.0000024)]	NA
TCDFs (total)	ND(0.0000010)	NA	ND(0.0000012) [ND(0.0000024)]	NA
1,2,3,7,8-PeCDF	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
2,3,4,7,8-PeCDF	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
PeCDFs (total)	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
1,2,3,4,7,8-HxCDF	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
1,2,3,6,7,8-HxCDF	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
1,2,3,7,8,9-HxCDF	ND(0.0000019)	NA	ND(0.0000023) [ND(0.0000025)]	NA
2,3,4,6,7,8-HxCDF	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
HxCDFs (total)	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000025)]	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000020)	NA	ND(0.0000023) [ND(0.0000025)]	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000026)	NA	ND(0.0000029) [ND(0.0000030)]	NA
HpCDFs (total)	ND(0.0000022)	NA	ND(0.0000024) [ND(0.0000025)]	NA
OCDF	ND(0.0000072)	NA	ND(0.0000085) [ND(0.000011)]	NA
Dioxins				
2,3,7,8-TCDD	ND(0.0000010)	NA	ND(0.0000012) [ND(0.0000023)]	NA
TCDDs (total)	ND(0.0000028)	NA	ND(0.0000026) [ND(0.0000031)]	NA
1,2,3,7,8-PeCDD	ND(0.0000018)	NA	ND(0.0000023) [ND(0.0000029)]	NA
PeCDDs (total)	ND(0.0000028)	NA	ND(0.0000033) [ND(0.0000033)]	NA
1,2,3,4,7,8-HxCDD	ND(0.0000029)	NA	ND(0.0000023) [ND(0.0000030)]	NA
1,2,3,6,7,8-HxCDD	ND(0.0000026)	NA	ND(0.0000023) [ND(0.0000027)]	NA
1,2,3,7,8,9-HxCDD	ND(0.0000029)	NA	ND(0.0000023) [ND(0.0000029)]	NA
HxCDDs (total)	ND(0.0000028)	NA	ND(0.0000042) [ND(0.0000037)]	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000029)	NA	ND(0.0000035) [ND(0.0000043)]	NA
HpCDDs (total)	ND(0.0000029)	NA	ND(0.0000035) [ND(0.0000043)]	NA
OCDD	ND(0.0000078) X	NA	0.0000095 J [ND(0.000011)]	NA
Total TEQs (WHO TEFs)	0.0000028	NA	0.0000033 [0.0000044]	NA
Inorganics				
Antimony	ND(6.00)	NA	ND(6.00) [ND(6.00)]	NA
Arsenic	5.60	NA	6.90 [8.60]	NA
Barium	29.0	NA	16.0 B [24.0]	NA
Beryllium	0.190 B	NA	0.130 B [0.140 B]	NA
Cadmium	0.170 B	NA	0.150 B [0.150 B]	NA
Chromium	8.30	NA	8.20 [9.60]	NA
Cobalt	12.0	NA	11.0 [12.0]	NA
Copper	33.0	NA	30.0 [34.0]	NA
Cyanide	ND(0.100)	NA	ND(0.110) [0.0280 B]	NA
Lead	10.0	NA	7.90 [8.40]	NA
Mercury	ND(0.100)	NA	ND(0.110) [ND(0.110)]	NA
Nickel	18.0	NA	17.0 [20.0]	NA
Selenium	ND(1.00)	NA	ND(1.00) [ND(1.00)]	NA
Silver	ND(1.00)	NA	ND(1.00) [ND(1.00)]	NA
Sulfide	16.0 J	NA	16.0 J [42.0 J]	NA
Thallium	ND(1.00) J	NA	ND(1.10) J [ND(1.10) J]	NA
Tin	ND(10.0)	NA	ND(10.0) [ND(10.0)]	NA
Vanadium	6.00	NA	5.70 [6.70]	NA
Zinc	48.0	NA	47.0 [56.0]	NA

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

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, pesticides, herbicides, dioxin/furans)

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

Inorganics

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

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
3-8B-1	38B1	0-0.5	5/14/1996	NA	NA	NA	NA	NA	NA	NA	9.3
A-1	ROA010002	0-2	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA010204	2-4	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA010406	4-6	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA010608	6-8	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA010810	8-10	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA011012	10-12	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.060	0.060
	ROA011214	12-14	11/7/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.18	0.18
	ROA011416	14-16	11/7/1991	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.89	0.89
A-2	ROA2B0002	0-2	11/20/1991	ND(0.17)	NA	ND(0.17)	ND(0.17)	ND(0.17)	0.21	0.17	0.38
	ROA2B0204	2-4	11/20/1991	ND(1.3)	NA	ND(1.3)	ND(1.3)	ND(1.3)	1.8	1.3	3.1
	ROA2B0406	4-6	11/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA2B0608(CC)	6-8	11/20/1991	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
	ROA2B0608(IT)	6-8	11/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROA2B0810	8-10	11/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.19	0.19
	ROA2B1012	10-12	11/20/1991	ND(0.11)	NA	ND(0.11)	ND(0.11)	ND(0.11)	0.11	0.24	0.35
	ROA2B1214	12-14	11/20/1991	ND(0.16)	NA	ND(0.16)	ND(0.16)	ND(0.16)	0.16	0.19	0.35
	ROA2B1416	14-16	11/20/1991	ND(0.74)	NA	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(3.4)	ND(3.4)
A-3	A-3	0-0.5	10/11/1995	NA	NA	NA	NA	NA	NA	NA	0.40
	ROA3B0002	0-2	1/8/1992	ND(7.3)	NA	ND(7.3)	ND(7.3)	ND(7.3)	7.3	18	25.3
	ROA3B0204	2-4	1/8/1992	ND(0.090)	NA	ND(0.090)	ND(0.090)	ND(0.090)	ND(0.090)	ND(3.0)	ND(3.0)
	ROA3B0406	4-6	1/8/1992	ND(4.4)	NA	ND(4.4)	ND(4.4)	ND(4.4)	4.4	13	17.4
	ROA3B0608	6-8	1/8/1992	ND(0.060)	NA	ND(0.060)	ND(0.060)	ND(0.060)	ND(0.060)	0.29	0.29
	ROA3B0810	8-10	1/8/1992	ND(8.4)	NA	ND(8.4)	ND(8.4)	ND(8.4)	ND(8.4)	50	50
	ROA3B1012	10-12	1/8/1992	ND(0.13)	NA	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.87	0.87
	ROA3B1214	12-14	1/8/1992	ND(0.33)	NA	ND(0.33)	ND(0.33)	ND(0.33)	0.33	1.1	1.43
	ROA3B1416	14-16	1/8/1992	ND(0.33)	NA	ND(0.33)	ND(0.33)	ND(0.33)	0.33	1.6	1.93
C-1	ROC010002	0-2	11/6/1991	ND(0.050) [ND(0.050)]	NA	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	ND(0.050) [ND(0.050)]	0.79 [0.21]	ND(0.050) [0.17]	0.79 [0.38]
	ROC010204	2-4	11/6/1991	ND(0.20)	NA	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.1	1.1
	ROC010406	4-6	11/6/1991	ND(1.4)	NA	ND(1.4)	ND(1.4)	ND(1.4)	19	ND(1.4)	19
	ROC010608	6-8	11/6/1991	ND(0.53)	NA	ND(0.53)	ND(0.53)	ND(0.53)	2.8	0.53	3.33
	ROC010810	8-10	11/6/1991	ND(0.57)	NA	ND(0.57)	ND(0.57)	ND(0.57)	8.7	ND(0.57)	8.7
	ROC011012(CC)	10-12	11/6/1991	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.86	ND(0.022)	0.86
	ROC011012(IT)	10-12	11/6/1991	ND(1.4)	NA	ND(1.4)	ND(1.4)	ND(1.4)	11	ND(1.4)	11
	ROC011214	12-14	11/6/1991	ND(2.7)	NA	ND(2.7)	ND(2.7)	ND(2.7)	57	ND(2.7)	57
C-2	C-2	0-0.5	10/11/1995	NA	NA	NA	NA	NA	NA	NA	750
	ROC020002	0-2	11/4/1991	ND(41)	NA	ND(41)	ND(41)	ND(41)	ND(41)	750	750
	ROC020406	4-6	11/4/1991	ND(11)	NA	ND(11)	ND(11)	ND(11)	11	84	95
	ROC020608	6-8	11/4/1991	ND(12)	NA	ND(12)	ND(12)	ND(12)	12	30	42
	ROC020810	8-10	11/4/1991	ND(2.4)	NA	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	81	81
	ROC021012	10-12	11/4/1991	ND(1.1)	NA	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	11	11
	ROC021214(CC)	12-14	11/4/1991	ND(0.024) [ND(0.036)]	ND(0.024) [ND(0.036)]	ND(0.024) [ND(0.036)]	ND(0.024) [ND(0.036)]	ND(0.024) [ND(0.036)]	ND(0.024) [ND(0.036)]	0.26 [1.6]	0.26 [1.6]
	ROC021214(IT)	12-14	11/4/1991	ND(3.8)	NA	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	22	22
	ROC021416	14-16	11/4/1991	ND(11)	NA	ND(11)	ND(11)	ND(11)	ND(11)	150	150
C2-E10	C2-E10	0-0.5	8/26/1996	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	5.4	5.4
C2-F8	C2-F8	0-0.5	8/26/1996	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(20)	36	36
C2-G9	C2-G9	0-0.5	8/26/1996	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(5.2)	11	11
C2-J9	C2-J9	0-0.5	8/26/1996	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.5)	ND(5.5)	ND(11)	26	26
C2-K4	C2-K4	0-0.5	8/26/1996	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(51)	110	110
C2-K8	C2-K8	0-0.5	8/26/1996	ND(33)	ND(33)	ND(33)	ND(33)	ND(33)	ND(67)	190	190
C2-L4	C2-L4	0-0.5	8/26/1996	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	30	30
C2-L6	C2-L6	0-0.5	8/26/1996	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(10)	39	39
C2-SE3	C2-SE3	0-0.5	6/28/1996	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	ND(2.8)	16	ND(5.6)	16
C2-SW2	C2-SW2	0-0.5	6/28/1996	ND(4.4)	ND(4.4)	ND(4.4)	ND(4.4)	ND(4.4)	ND(8.8)	29	29

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

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
C3	ROC3B0002	0-2	11/20/1991	ND(0.21)	NA	ND(0.21)	ND(0.21)	ND(0.21)	0.72	0.21	0.93
	ROC3B0204(CC)	2-4	11/20/1991	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
	ROC3B0204(IT)	2-4	11/20/1991	ND(0.11)	NA	ND(0.11)	ND(0.11)	ND(0.11)	0.34	0.11	0.45
	ROC3B0406	4-6	11/20/1991	ND(0.060)	NA	ND(0.060)	ND(0.060)	ND(0.060)	0.060	0.070	0.13
	ROC3B0608	6-8	11/20/1991	ND(0.022)	NA	ND(0.022)	ND(0.022)	ND(0.022)	19	4.9	23.9
	ROC3B0810	8-10	11/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROC3B1012	10-12	11/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	ROC3B1214	12-14	11/20/1991	ND(0.050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
HS-SS-16	HS-SS-16	0-0.5	11/19/1996	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(2.5)	3.0	3.0
HS-SS-17	HS-SS-17	0-0.5	11/19/1996	ND(290)	ND(290)	ND(290)	ND(290)	ND(290)	1000	ND(580)	1000
HS-SS-39	HS-SS-39	0-0.5	5/13/1997	ND(4.1) [ND(4.8)]	ND(4.1) [ND(4.8)]	ND(4.1) [ND(4.8)]	ND(4.1) [ND(4.8)]	ND(4.1) [ND(4.8)]	31 [39]	22 [29]	53 [68]
HS-SS-40	HS-SS-40	0-0.5	5/13/1997	ND(7.9)	ND(7.9)	ND(7.9)	ND(7.9)	ND(7.9)	47	56	100
HS-SS-42	HS-SS-42	0-0.5	5/13/1997	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	ND(0.80)	4.0	2.9	6.9
HS-SS-50	HS-SS-50	0-0.5	5/13/1997	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.6	0.97	2.6
HW-B-1	HW-B-1	0-0.5	10/8/1996	ND(90)	ND(90)	ND(90)	ND(90)	ND(90)	490	ND(180)	490
		0.5-1	10/8/1996	ND(88)	ND(88)	ND(88)	ND(88)	ND(88)	390	ND(180)	390
		1-2	10/8/1996	ND(99)	ND(99)	ND(99)	ND(99)	ND(99)	480	ND(200)	480
		2-4	10/8/1996	ND(9.2)	ND(9.2)	ND(9.2)	ND(9.2)	ND(9.2)	72	ND(18)	72
		4-6	10/8/1996	ND(8.8)	ND(8.8)	ND(8.8)	ND(8.8)	ND(8.8)	42	ND(18)	42
		6-8	10/8/1996	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	15	ND(4.4)	15
		8-10	10/8/1996	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	0.95	ND(0.56)	0.95
HW-B-16	HW-B-16	1-2	7/22/1997	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	330	180	510
		2-4	7/22/1997	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	280	140	420
		4-6	7/22/1997	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	77	72	150
		6-8	7/22/1997	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	16	9.2	25
		8-10	7/22/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	3.3	1.6	4.9
		10-12	7/22/1997	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.31	0.15	0.46
		12-14	7/22/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.3	1.1	3.4
HW-B-17	HW-B-17	1-2	7/22/1997	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	250	120	370
		2-4	7/22/1997	ND(19) [ND(19)]	ND(19) [ND(19)]	ND(19) [ND(19)]	ND(19) [ND(19)]	ND(19) [ND(19)]	220 [250]	150 [120]	370 [370]
		4-6	7/22/1997	ND(20)	ND(20)	ND(20)	ND(20)	ND(20)	230	100	330
		6-8	7/22/1997	ND(73)	ND(73)	ND(73)	ND(73)	ND(73)	1200	ND(73)	1200
		8-10	7/22/1997	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	11	ND(2.2)	11
		10-12	7/22/1997	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	2.4	ND(0.25)	2.4
		12-14	7/22/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	3.2	ND(0.21)	3.2
HW-B-21	HW-B-21	1-2	7/18/1997	ND(1.8) [ND(3.6)]	ND(1.8) [ND(3.6)]	ND(1.8) [ND(3.6)]	ND(1.8) [ND(3.6)]	ND(1.8) [ND(3.6)]	16 [25]	11 [15]	27 [40]
		2-4	7/18/1997	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	60	54	110
		4-6	7/18/1997	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	5.7	4.3	10
		6-8	7/18/1997	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.048	0.048
		8-10	7/18/1997	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
		10-12	7/18/1997	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
		12-14	7/18/1997	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
HW-B-24	HW-B-24	0-0.5	2/23/1998	ND(16)	ND(16)	ND(16)	ND(16)	ND(16)	130	84	210
		0.5-1	2/23/1998	ND(24)	ND(24)	ND(24)	ND(24)	ND(24)	480	260	740
		1-2	2/23/1998	ND(76)	ND(76)	ND(76)	ND(76)	ND(76)	600	ND(76)	600
		2-4	2/23/1998	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	390	ND(40)	390
		4-6	2/23/1998	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	53	54	110
		6-8	2/23/1998	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.88	0.50	1.4
HW-B-36	HW-B-36	6-8	2/19/1998	ND(160) [ND(200)]	ND(160) [ND(200)]	ND(160) [ND(200)]	ND(160) [ND(200)]	ND(160) [ND(200)]	860 [1100]	1500 [1600]	2400 [2700]
		8-10	2/19/1998	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	15	17	32
		10-12	2/19/1998	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.10	0.16	0.26
		12-14	2/19/1998	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	ND(0.43)	2.8	2.8
		14-16	2/19/1998	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	0.34	0.76	1.1
HW-B-39	HW-B-39	6-8	2/20/1998	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	3.5	2.9	6.4
		8-10	2/20/1998	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	0.095	0.095
		10-12	2/20/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

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

Location ID	Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
HW-B40	HW-B-40	6-8	2/20/1998	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.097	0.097
		8-10	2/20/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
		10-12	2/20/1998	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
I8-23-16-SB-2	I8-23-16-SB-2	0-0.5	8/4/1998	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.063	0.52	0.58
		0.5-1	8/4/1998	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.89	0.89
		1-2	8/4/1998	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	0.68	0.68
		2-4	8/4/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.095	0.095
		4-6	8/4/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
I8-23-16-SB-4	I8-23-16-SB-4	1-2	10/14/1998	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.20	1.5	1.7
		2-4	10/14/1998	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	ND(0.026)	0.22	0.22
		4-6	10/14/1998	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)	ND(0.030)
		6-8	10/14/1998	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)	0.028	ND(0.025)	0.028
		8-10	10/14/1998	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)
I8-23-16-SS-5	I8-23-16-SS-5	0-0.5	8/4/1998	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	5.1	5.1
		0.5-1	8/4/1998	ND(0.024) [ND(0.12)]	ND(0.024) [ND(0.12)]	ND(0.024) [ND(0.12)]	ND(0.024) [ND(0.12)]	ND(0.024) [ND(0.12)]	ND(0.024) [ND(0.12)]	0.42 [0.81]	0.42 [0.81]
I8-23-16-SS-10	I8-23-16-SS-10	0-0.5	8/4/1998	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	10	10
		0.5-1	8/4/1998	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	2.9	8.3	11
I8-23-16-SS-28	I8-23-16-SS-28	0-0.5	10/14/1998	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)	1.0	1.0
		0.5-1	10/14/1998	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.064	0.35	0.41
I8-23-16-SS-29	I8-23-16-SS-29	0-0.5	10/14/1998	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	2.3	2.3
		0.5-1	10/14/1998	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	1.0	1.0
I8-23-16-SS-30	I8-23-16-SS-30	0-0.5	10/14/1998	ND(0.12) [ND(0.023)]	ND(0.12) [ND(0.023)]	ND(0.12) [ND(0.023)]	ND(0.12) [ND(0.023)]	ND(0.12) [ND(0.023)]	0.20 [0.11]	0.81 [0.33]	1.0 [0.44]
		0.5-1	10/14/1998	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.18	0.71	0.89
I8-23-22-SB-2	I8-23-22-SB-2	0-0.5	12/10/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.1	2.1
		0.5-1	12/10/1997	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.050	0.050
		1-2	12/10/1997	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]
		2-4	12/10/1997	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		4-6	12/10/1997	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		6-8	12/10/1997	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		8-10	12/10/1997	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		10-12	12/10/1997	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
I8-23-22-SB-4	I8-23-22-SB-4	0-0.5	2/18/1998	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	10	10
		0.5-1	2/18/1998	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	8.0	8.0
		1-2	2/18/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.19	0.19
		2-4	2/18/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.033	0.033
		4-6	2/18/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
I8-23-22-SB-5	I8-23-22-SB-5	1-2	2/18/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.17	0.17
		2-4	2/18/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.049	0.049
		4-6	2/18/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.040	0.055	0.095
I8-23-22-SB-6	I8-23-22-SB-6	1-2	2/18/1998	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	27	27
		2-4	2/18/1998	ND(0.021) [ND(0.022)]	ND(0.021) [ND(0.022)]	ND(0.021) [ND(0.022)]	ND(0.021) [ND(0.022)]	ND(0.021) [ND(0.022)]	ND(0.021) [ND(0.022)]	0.14 [0.16]	0.14 [0.16]
		4-6	2/18/1998	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.20	0.20
I8-23-22-SB-7	I8-23-22-SB-7	1-2	2/18/1998	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	0.58	0.58
		2-4	2/18/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
		4-6	2/18/1998	ND(0.021)	ND(0.021)	ND(0.021)	0.034	ND(0.021)	ND(0.021)	ND(0.021)	0.034
I8-23-22-SS-1	I8-23-22-SS-1	0-0.5	12/8/1997	ND(2.5) [ND(2.2)]	ND(2.5) [ND(2.2)]	ND(2.5) [ND(2.2)]	ND(2.5) [ND(2.2)]	ND(2.5) [ND(2.2)]	ND(2.5) [ND(2.2)]	23 [18]	23 [18]
		0.5-1	12/8/1997	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	15	15
I8-23-22-SS-2	I8-23-22-SS-2	0-0.5	12/8/1997	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	17	17
		0.5-1	12/8/1997	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	14	14
I8-23-22-SS-3	I8-23-22-SS-3	0-0.5	12/8/1997	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.061	0.061
		0.5-1	12/8/1997	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.037	0.037
I8-23-22-SS-4	I8-23-22-SS-4	0-0.5	12/8/1997	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.11	0.11
		0.5-1	12/8/1997	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	0.057	0.057
I8-23-22-SS-5	I8-23-22-SS-5	0-0.5	12/8/1997	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	16	16
		0.5-1	12/8/1997	ND(23)	ND(23)	ND(23)	ND(23)	ND(23)	ND(23)	89	89

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
I8-23-22-SS-6	I8-23-22-SS-6	0-0.5	12/8/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	2.9	2.9
		0.5-1	12/8/1997	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.38	0.38
I8-23-22-SS-11	I8-23-22-SS-11	0-0.5	12/8/1997	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	16	16
		0.5-1	12/8/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	3.3	3.3
I8-23-22-SS-15	I8-23-22-SS-15	0-0.5	12/8/1997	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	1.3	1.3
		0.5-1	12/8/1997	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	0.26	0.26
I8-23-22-SS-28	I8-23-22-SS-28	0-0.5	2/18/1998	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	0.91	4.6	5.5
		0.5-1	2/18/1998	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	2.4	2.4
I8-23-22-SS-30	I8-23-22-SS-30	0-0.5	2/18/1998	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	1.2	4.3	5.5
		0.5-1	2/18/1998	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.46	1.6	2.1
I8-23-23-SB-1	I8-23-23-SB-1	0-0.5	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.11	0.11
		0.5-1	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		1-2	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		2-4	8/5/1998	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]	ND(0.018) [ND(0.018)]
		4-6	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		6-8	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		8-10	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		10-12	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		12-14	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		14-16	8/5/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
I8-23-23-SB-2	I8-23-23-SB-2	0-0.5	8/5/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	0.41	0.41
		0.5-1	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.058	0.11	0.17
		1-2	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		2-4	8/5/1998	ND(0.019) [ND(0.019)]	ND(0.019) [ND(0.019)]	ND(0.019) [ND(0.019)]	ND(0.019) [ND(0.019)]	ND(0.019) [ND(0.019)]	0.025 [ND(0.019)]	ND(0.019) [ND(0.019)]	0.025 [ND(0.019)]
		4-6	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		6-8	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		8-10	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		10-12	8/5/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
I8-23-23-SB-3	I8-23-23-SB-3	0-0.5	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		0.5-1	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		1-2	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		2-4	8/5/1998	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.1	1.1
		4-6	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		6-8	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		8-10	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		10-12	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		12-14	8/5/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
		14-16	8/5/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)
I8-23-23-SS-1	I8-23-23-SS-1	0-0.5	8/5/1998	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.5	3.1	4.6
		0.5-1	8/5/1998	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	0.34	0.87	1.2
I8-23-23-SS-6	I8-23-23-SS-6	0-0.5	8/5/1998	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	4.1	4.1
		0.5-1	8/5/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.43	0.43
I8-23-23-SS-11	I8-23-23-SS-11	0-0.5	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.073	0.22	0.29
		0.5-1	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.036	0.087	0.12
I8-23-23-SS-12	I8-23-23-SS-12	0-0.5	8/5/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.048	0.21	0.26
		0.5-1	8/5/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.037	0.037
I8-23-24-SB-1	I8-23-24-SB-1	1-2	12/1/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.40	0.40
		2-4	12/1/1998	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.16	0.16
		4-6	12/1/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
		6-8	12/1/1998	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
I8-23-24-SS-1	I8-23-24-SS-1	0-0.5	10/6/1998	ND(0.37) [ND(0.37)]	ND(0.37) [ND(0.37)]	ND(0.37) [ND(0.37)]	ND(0.37) [ND(0.37)]	ND(0.37) [ND(0.37)]	1.2 [1.1]	5.7 [5.2]	6.9 [6.3]
		0.5-1	10/6/1998	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.71	2.0	2.7
I8-23-24-SS-2	I8-23-24-SS-2	0-0.5	10/6/1998	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.88	1.7	2.6
		0.5-1	10/6/1998	ND(0.095)	ND(0.095)	ND(0.095)	ND(0.095)	ND(0.095)	0.21	1.1	1.3
I8-23-24-SS-3	I8-23-24-SS-3	0-0.5	12/1/1998	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.29	0.29
		0.5-1	12/1/1998	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	0.13 [0.15]	0.13 [0.15]

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
I9-5-13-SB-2	I9-5-13-SB-2	0-0.5	7/31/1998	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.16	0.38	0.54
		0.5-1	7/31/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.26	0.46	0.72
		1-2	7/31/1998	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.33	0.45	0.78
		2-4	7/31/1998	ND(0.39) [ND(0.020)]	ND(0.39) [ND(0.020)]	ND(0.39) [ND(0.020)]	ND(0.39) [ND(0.020)]	ND(0.39) [ND(0.020)]	1.1 [0.44]	1.3 [0.63]	2.4 [1.1]
		4-6	7/31/1998	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.43	0.54	0.97
		6-8	7/31/1998	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	1.7	1.0	2.7
		8-10	7/31/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.085	0.051	0.14
		10-12	7/31/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.060	0.070	0.13
I9-5-13-SB-3	I9-5-13-SB-3	0-0.5	7/31/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.11	0.11
		0.5-1	7/31/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	0.045	0.22	0.27
		1-2	7/31/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	0.031	0.031
		2-4	7/31/1998	ND(0.020) [ND(0.019)]	ND(0.020) [ND(0.019)]	ND(0.020) [ND(0.019)]	ND(0.020) [ND(0.019)]	ND(0.020) [ND(0.019)]	0.033 [ND(0.019)]	0.021 [ND(0.019)]	0.054 [ND(0.019)]
		4-6	7/31/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
		6-8	7/31/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
I9-5-13-SB-4	I9-5-13-SB-4	1-2	10/15/1998	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	0.56	0.74	1.3
		2-4	10/15/1998	ND(0.089) [ND(0.036)]	ND(0.089) [ND(0.036)]	ND(0.089) [ND(0.036)]	ND(0.089) [ND(0.036)]	ND(0.089) [ND(0.036)]	0.49 [0.38]	0.56 [0.45]	1.1 [0.83]
		4-6	10/15/1998	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.18	0.22	0.40
		6-8	10/15/1998	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	0.78	0.82	1.6
		8-10	10/15/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.13	0.18	0.31
I9-5-13-SB-5	I9-5-13-SB-5	1-2	10/15/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.56	0.32	0.88
		2-4	10/15/1998	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	21	4.3	25
		4-6	10/15/1998	ND(1.9) [ND(1.9)]	ND(1.9) [ND(1.9)]	ND(1.9) [ND(1.9)]	ND(1.9) [ND(1.9)]	ND(1.9) [ND(1.9)]	15 [12]	16 [10]	31 [22]
		6-8	10/15/1998	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	6.9	4.6	12
		8-10	10/15/1998	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	6.5	3.3	9.8
I9-5-13-SB-6	I9-5-13-SB-6	0-0.5	10/15/1998	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.22	0.63	0.85
		0.5-1	10/15/1998	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.35	0.56	0.91
		1-2	10/15/1998	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)	0.26	0.23	0.49
		2-4	10/15/1998	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.7	1.4	3.1
		4-6	10/15/1998	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.1	0.66	1.8
		6-8	10/15/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.15	0.17	0.32
		8-10	10/15/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.13	0.11	0.24
I9-5-13-SB-7	I9-5-13-SB-7	1-2	10/15/1998	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.8	2.0	3.8
		2-4	10/15/1998	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.57	1.0	1.6
		4-6	10/15/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
		6-8	10/15/1998	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
		8-10	10/15/1998	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.12	0.14	0.26
I9-5-13-SS-1	I9-5-13-SS-1	0-0.5	7/31/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.24	0.43	0.67
		0.5-1	7/31/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.30	0.58	0.88
I9-5-13-SS-8	I9-5-13-SS-8	0-0.5	7/31/1998	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.35	0.66	1.0
		0.5-1	7/31/1998	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.60	0.70	1.3
I9-5-13-SS-9	I9-5-13-SS-9	0-0.5	7/31/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.28	0.28
		0.5-1	7/31/1998	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.56	1.1	1.7
I9-5-13-SS-10	I9-5-13-SS-10	0-0.5	7/31/1998	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.20	0.20
		0.5-1	7/31/1998	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.064	0.064
I9-5-13-SS-13	I9-5-13-SS-13	0-0.5	10/15/1998	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.32	0.65	0.97
		0.5-1	10/15/1998	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.38	1.4	1.8
OX-C-1	OX-C-1	0-0.5	11/25/1996	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.77	ND(0.25)	0.77
OX-C-2	OX-C-2	0-0.5	11/25/1996	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	1.8	ND(0.93)	1.8
OX-C-3	OX-C-3	0-0.5	11/25/1996	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.028)	ND(0.056)	ND(0.056)	ND(0.056)
OX-C-4	OX-C-4	0-0.5	11/25/1996	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.46)	0.61	0.61
OX-C-5	OX-C-5	0-0.5	11/25/1996	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	ND(23)	39	39
OX-C-6	OX-C-6	0-0.5	11/25/1996	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(36)	70	70
OX-C-7	OX-C-7	0-0.5	11/25/1996	ND(54)	ND(54)	ND(54)	ND(54)	ND(54)	ND(110)	150	150
OX-C-8	OX-C-8	0-0.5	11/25/1996	ND(9.9)	ND(9.9)	ND(9.9)	ND(9.9)	ND(9.9)	ND(20)	44	44
OX-C-9	OX-C-9	0-0.5	11/25/1996	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.1)	ND(5.1)	ND(10)	28	28
OX-C-10	OX-C-10	0-0.5	11/25/1996	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(20)	51	51

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
OX-C-11	OX-C-11	0-0.5	11/25/1996	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	7.9	ND(4.3)	7.9
OX-C-12	OX-C-12	0-0.5	11/25/1996	ND(6.7)	ND(6.7)	ND(6.7)	ND(6.7)	ND(6.7)	42	ND(13)	42
OX-C-13	OX-C-13	0-0.5	11/25/1996	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	15	ND(6.8)	15
OX-C-14	OX-C-14	0-0.5	11/25/1996	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	ND(1.4)	4.4	ND(2.7)	4.4
OX-C-15	OX-C-15	0-0.5	11/25/1996	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	3.8	ND(2.6)	3.8
OX-C-16	OX-C-16	0-0.5	11/25/1996	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	3.8	ND(2.6)	3.8
OX-C-17	OX-C-17	0-0.5	11/25/1996	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	0.77	ND(0.48)	0.77
OX-C-18	OX-C-18	0-0.5	11/25/1996	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)	0.92	ND(0.46)	0.92
OX-C-19	OX-C-19	0-0.5	11/25/1996	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	1.4	ND(0.96)	1.4
OX-C-20	OX-C-20	0-0.5	11/25/1996	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.11	ND(0.091)	0.11
OX-C-21	OX-C-21	0-0.5	11/25/1996	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	2.2	ND(2.0)	2.2
OX-C-23	OX-C-23	0-0.5	11/25/1996	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	11	ND(5.2)	11
OX-C-24	OX-C-24	0-0.5	3/28/1997	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	6.2	4.9	11.1
OX-C-25	OX-C-25	0-0.5	3/28/1997	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)	13	6.2	19.2
OX-C-26	OX-C-26	0-0.5	3/28/1997	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	5.2	3.7	8.9
OX-C-27	OX-C-27	0-0.5	3/28/1997	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	2.3	1.4	3.7
OX-C-28	OX-C-28	0-0.5	4/7/1997	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	6.2	6.2
OX-C-29	OX-C-29	0-0.5	4/8/1997	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.15	0.15
OX-C-30	OX-C-30	0-0.5	4/8/1997	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.6	2.2	3.8
OX-C-31	OX-C-31	0-0.5	4/7/1997	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.26	0.26
OX-C-32	OX-C-32	0-0.5	4/8/1997	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.078	0.078
OX-C-33	OX-C-33	0-0.5	4/8/1997	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	ND(0.080)	0.58	1.1	1.68
OX-C-34	OX-C-34	0-0.5	4/8/1997	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.18	0.18
OX-C-35	OX-C-35	0-0.5	4/8/1997	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.077	0.077
OX-C-36	OX-C-36	0-0.5	4/7/1997	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.15	0.24	0.39
OX-C-37	OX-C-37	0-0.5	4/8/1997	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.21	0.21
OX-C-38	OX-C-38	0-0.5	4/8/1997	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	0.91	ND(0.80)	0.91
OX-C-39	OX-C-39	0-0.5	4/8/1997	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.052	0.052
OX-C-40	OX-C-40	0-0.5	4/7/1997	ND(5.8)	ND(5.8)	ND(5.8)	ND(5.8)	ND(5.8)	ND(5.8)	16	16
OX-C-41	OX-C-41	0-0.5	4/8/1997	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	1.5	0.72	2.22
OX-C-42	OX-C-42	0-0.5	6/13/1997	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	4.1	4.1
OX-C-43	OX-C-43	0-0.5	6/13/1997	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	11	ND(1.9)	11
OX-C-44	OX-C-44	0-0.5	6/13/1997	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	16	13	29
OX-C-45	OX-C-45	0-0.5	6/13/1997	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	ND(3.9)	17	ND(3.9)	17
OX-C-46	OX-C-46	0-0.5	6/13/1997	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	9.3	6.5	15.8
OX-C-47	OX-C-47	0-0.5	6/13/1997	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	ND(0.75)	4.0	4.3	8.3
OX-C-48	OX-C-48	0-0.5	6/13/1997	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	17	17
OX-C-51	OX-C-51	0-0.5	6/13/1997	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	180	ND(40)	180
OX-C-52	OX-C-52	0-0.5	6/13/1997	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	280	ND(19)	280
OX-C-53	OX-C-53	0-0.5	6/13/1997	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	70	ND(40)	70
OX-C-54	OX-C-54	0-0.5	6/13/1997	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	ND(4.5)	330	180	510
OX-C-55	OX-C-55	0-0.5	6/13/1997	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	170	ND(41)	170
OX-C-56	OX-C-56	0-0.5	6/13/1997	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	11	8.5	19.5
OX-C-57	OX-C-57	0-0.5	6/13/1997	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	7.4	8.4	15.8
OX-C-58	OX-C-58	0-0.5	6/13/1997	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	ND(3.4)	16	16
OX-C-61	OX-C-61	0-0.5	6/13/1997	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	160	160
OX-C-62	OX-C-62	0-0.5	6/13/1997	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	ND(38)	190	190
OX-C-63	OX-C-63	0-0.5	6/13/1997	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	ND(41)	140	140
OX-C-64	OX-C-64	0-0.5	6/13/1997	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	19	19
OX-C-65	OX-C-65	0-0.5	6/13/1997	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	26	11	37
OX-C-66	OX-C-66	0-0.5	6/13/1997	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	13	14	27
OX-C-67	OX-C-67	0-0.5	6/13/1997	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	33	38	71
OX-C-68	OX-C-68	0-0.5	6/13/1997	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	2.8	1.7	4.5
OX-C-69	OX-C-69	0-0.5	6/13/1997	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	130	54	184
OX-C-70	OX-C-70	0-0.5	6/13/1997	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	ND(3.5)	47	47
OX-C-71	OX-C-71	0-0.5	6/13/1997	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	ND(3.6)	53	53

TABLE 3
HISTORICAL SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
OX-C-72	OX-C-72	0-0.5	6/13/1997	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	44	54	98
OX-C-73	OX-C-73	0-0.5	6/23/1997	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	ND(3.7)	6.6	5.4	12
OX-C-74	OX-C-74	0-0.5	6/23/1997	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	ND(0.15)	1.0	1.0
OX-C-75	OX-C-75	0-0.5	6/23/1997	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	85	85
RB010746	H2-RB010746-0-0000	0-0.5	11/19/1998	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.26	0.26
RB010786	H2-RB010786-0-0010	1-1.5	11/19/1998	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	30	8.8	38.8
RB010906	H2-RB010906-0-0020	2-2.5	11/18/1998	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	29	6.5	35.5
RB020986	H2-RB020986-0-0000	0-0.5	11/17/1998	ND(0.47) [ND(0.40)]	ND(0.47) [ND(0.40)]	ND(0.47) [ND(0.40)]	ND(0.47) [ND(0.40)]	0.52 PE [ND(0.40)]	ND(0.47) [5.1]	4.1 [3.8]	4.62 [8.9]

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed.
4. Sample IDs with (IT) and (CC) suffixes distinguish instances where analyses were performed by IT Analytical Services and CompuChem Environmental Corporation, respectively, for the same sample ID.

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Location: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Sample Location:	A-1	A-1	A-1	A-2	A-3	C-1
	Sample ID:	ROA010406	ROA011214	ROA011416	ROA2B0608	ROA3B1214	ROC011012
	Sample Depth(Feet):	4-6	12-14	14-16	6-8	12-14	10-12
Parameter	Date Collected:	11/07/91	11/07/91	11/07/91	11/20/91	01/08/92	11/06/91
Volatile Organics							
Acetone		0.023 B	0.012 B [0.017 B]	0.012 B	0.017 B	0.026 B	0.036 B
Methylene Chloride		0.031 B	0.030 B [0.037 B]	0.027 B	0.034 B	0.026 B	0.028 B
Toluene		ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0060)
Xylenes (total)		ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	0.0050 J	ND(0.0060)
Semivolatile Organics							
1-Methylnaphthalene		NA	NA	NA	1.9	22	0.33 J
2-Methylnaphthalene		NA	NA	NA	0.93	17	ND(1.8)
Acenaphthene		NA	NA	NA	0.63 J	6.1	0.24 J
Acenaphthylene		NA	NA	NA	1.0	6.1	2.2
Anthracene		NA	NA	NA	1.9	14	1.6 J
Benzo(a)anthracene		NA	NA	NA	3.0	17	11
Benzo(a)pyrene		NA	NA	NA	2.5	15	10
Benzo(b)fluoranthene		NA	NA	NA	4.0	26 Z	20 Z
Benzo(g,h,i)perylene		NA	NA	NA	1.1	7.6	3.3
Benzo(k)fluoranthene		NA	NA	NA	7.0	26 Z	20 Z
Benzoic Acid		NA	NA	NA	0.10 J	ND(36)	ND(18)
bis(2-Ethylhexyl)phthalate		NA	NA	NA	0.35 J	0.88 J	0.26 J
Chrysene		NA	NA	NA	2.7	18	13
Dibenzo(a,h)anthracene		NA	NA	NA	0.34 J	2.1 J	1.1 J
Dibenzofuran		NA	NA	NA	1.1	7.3	0.27 J
Di-n-Butylphthalate		NA	NA	NA	ND(0.72)	ND(3.6)	ND(1.8)
Fluoranthene		NA	NA	NA	6.7	49	20
Fluorene		NA	NA	NA	2.2	17	1.2 J
Indeno(1,2,3-cd)pyrene		NA	NA	NA	1.1	6.6	3.6
Naphthalene		NA	NA	NA	2.2	23	0.23 J
Pentachlorophenol		NA	NA	NA	0.51 J	ND(7.2)	ND(1.8)
Phenanthrene		NA	NA	NA	5.7	59 E	13
Pyrene		NA	NA	NA	5.3	42	19
Organochlorine Pesticides							
4,4'-DDD		NA	NA	NA	ND(0.0039)	NA	0.097
4,4'-DDT		NA	NA	NA	ND(0.0039)	NA	ND(0.0039)
Delta-BHC		NA	NA	NA	ND(0.0011)	NA	ND(0.0011)
Gamma-BHC (Lindane)		NA	NA	NA	ND(0.0011)	NA	ND(0.0011)
Organophosphate Pesticides							
None Detected		NA	NA	NA	--	NA	--
Herbicides							
None Detected		NA	NA	NA	--	NA	--
Furans							
2,3,7,8-TCDF		NA	NA	NA	ND(0.0012)	ND(0.00043)	ND(0.000040) X
TCDFs (total)		NA	NA	NA	ND(0.0061)	ND(0.0016)	ND(0.000040) X
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	ND(0.00024)	ND(0.000022)	0.00038
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	ND(0.00014)	ND(0.000082)	0.00041
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	ND(0.000041)	ND(0.000073)	ND(0.00011) X
OCDF		NA	NA	NA	ND(0.000053)	ND(0.000065)	ND(0.000076) X

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Location: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Sample Location:	A-1	A-1	A-1	A-2	A-3	C-1
	Sample ID:	ROA010406	ROA011214	ROA011416	ROA2B0608	ROA3B1214	ROC011012
	Sample Depth(Feet):	4-6	12-14	14-16	6-8	12-14	10-12
Parameter	Date Collected:	11/07/91	11/07/91	11/07/91	11/20/91	01/08/92	11/06/91
Dioxins							
2,3,7,8-TCDD		NA	NA	NA	ND(0.00071)	ND(0.00011)	ND(0.000015)
TCDDs (total)		NA	NA	NA	ND(0.00071)	ND(0.00011)	ND(0.000024)
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	ND(0.00087)	ND(0.000057)	ND(0.000030)
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	ND(0.00018)	ND(0.000026)	ND(0.000024)
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	ND(0.000054)	ND(0.000062)	ND(0.000095) X
OCDD		NA	NA	NA	ND(0.000070)	0.00025	0.00030
Total TEQs (WHO TEFs)		NA	NA	NA	NC	NC	NC
Inorganics							
Aluminum		NA	NA	NA	6120	4980 *	6550
Antimony		NA	NA	NA	4.20 BN	ND(6.60) N	ND(4.00) N
Arsenic		NA	NA	NA	6.50 QN	5.70 Q*	4.30
Barium		NA	NA	NA	27.6	18.4 B*	36.5
Beryllium		NA	NA	NA	0.290 B	0.150 B	0.190 B
Cadmium		NA	NA	NA	ND(0.550)	ND(0.550)	ND(0.560)
Calcium		NA	NA	NA	57400	15100 *	17200 *
Chromium		NA	NA	NA	6.70	7.00 *	9.10
Cobalt		NA	NA	NA	7.00	6.10	6.60
Copper		NA	NA	NA	19.6	19.8	287 N*
Iron		NA	NA	NA	17400 E	12500	16100 E
Lead		NA	NA	NA	16.3	28.8	104 N
Magnesium		NA	NA	NA	32900	8650 *	9560 *
Manganese		NA	NA	NA	446	376 *	351
Mercury		NA	NA	NA	0.180 N*	ND(0.110) *	ND(0.110)
Nickel		NA	NA	NA	14.2	11.3	12.6
Potassium		NA	NA	NA	648	331 B	435 B
Selenium		NA	NA	NA	0.360 BWN	ND(0.440) N	ND(0.330) WN
Sodium		NA	NA	NA	119 B	97.6 B	111 B
Sulfide		NA	NA	NA	ND(11.0)	ND(11.0)	92.4
Vanadium		NA	NA	NA	10.0	6.90 *	11.5
Zinc		NA	NA	NA	52.4 E	38.8 *	107 E

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample Location: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	C-2 ROC021214 12-14 11/06/91	C-3 ROC3B0204 2-4 11/20/91	HS-SS-50 HS-SS-50 0-0.5 05/13/97
Volatile Organics			
Acetone	0.048 B [0.044]	0.014 B	NA
Methylene Chloride	0.058 B [0.045 B]	0.034 B	NA
Toluene	ND(0.0060) [ND(0.0090)]	0.0020 J	NA
Xylenes (total)	ND(0.0060) [ND(0.0090)]	ND(0.0050)	NA
Semivolatile Organics			
1-Methylnaphthalene	ND(0.40) [ND(0.61)]	2.5 DJ	NA
2-Methylnaphthalene	ND(0.40) [ND(0.61)]	1.6 DJ	ND(0.38)
Acenaphthene	ND(0.40) [0.095 J]	3.1 DJ	ND(0.38)
Acenaphthylene	ND(0.40) [ND(0.61)]	2.9 DJ	ND(0.38)
Anthracene	0.23 J [0.29 J]	10 D	0.039 J
Benzo(a)anthracene	0.18 J [0.74]	24 D	0.18 J
Benzo(a)pyrene	0.15 J [0.62]	22 D	0.15 J
Benzo(b)fluoranthene	0.14 J [0.45 J]	49 D	0.27 J
Benzo(g,h,i)perylene	ND(0.40) [0.27 J]	12 D	ND(0.38)
Benzo(k)fluoranthene	0.14 J [0.28 J]	49 D	0.23 J
Benzoic Acid	ND(4.0) [ND(6.1)]	ND(35)	NA
bis(2-Ethylhexyl)phthalate	0.049 J [0.20 J]	ND(3.5)	0.25 J
Chrysene	0.15 J [0.71]	22 D	0.20 J
Dibenzo(a,h)anthracene	ND(0.40) [0.10 J]	3.6 D	ND(0.38)
Dibenzofuran	ND(0.40) [0.064 J]	2.7 DJ	ND(0.38)
Di-n-Butylphthalate	ND(0.40) [0.13 J]	ND(3.5)	ND(0.38)
Fluoranthene	0.34 J [1.5]	41 D	0.36 J
Fluorene	ND(0.40) [0.14 J]	5.4 D	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.40) [0.32 J]	13 D	0.042 J
Naphthalene	ND(0.40) [ND(0.61)]	1.9 DJ	ND(0.38)
Pentachlorophenol	ND(0.40) [ND(0.61)]	ND(3.5)	ND(0.93)
Phenanthrene	0.21 J [1.2]	27 D	0.15 J
Pyrene	0.23 J [1.1]	43 D	0.34 J
Organochlorine Pesticides			
4,4'-DDD	ND(0.0043) [ND(0.0063)]	ND(0.0038)	NA
4,4'-DDT	0.14 [ND(0.0063)]	ND(0.0038)	NA
Delta-BHC	0.023 [ND(0.0018)]	ND(0.0011)	NA
Gamma-BHC (Lindane)	0.0067 [ND(0.0018)]	ND(0.0011)	NA
Organophosphate Pesticides			
None Detected	NA	--	NA
Herbicides			
None Detected	--	--	NA
Furans			
2,3,7,8-TCDF	ND(0.000026) [ND(0.000026)]	ND(0.0016)	0.0000079 Y
TCDFs (total)	ND(0.000041) [ND(0.000063)]	ND(0.013)	0.000060
1,2,3,7,8-PeCDF	NA	NA	ND(0.0000027)
2,3,4,7,8-PeCDF	NA	NA	ND(0.0000038)
PeCDFs (total)	ND(0.000032) [ND(0.000036)]	ND(0.00059)	0.000054
1,2,3,4,7,8-HxCDF	NA	NA	0.0000070 J
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000042)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000016)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.0000036)
HxCDFs (total)	ND(0.000061) [ND(0.000036)]	ND(0.00086)	0.000059
1,2,3,4,6,7,8-HpCDF	NA	NA	0.000016
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000026)
HpCDFs (total)	ND(0.000046) [ND(0.00010)]	ND(0.00016)	0.000037
OCDF	ND(0.00013) [ND(0.00016)]	ND(0.000074)	0.000021 J

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample Location: / Sample ID: / Sample Depth(Feet): / Date Collected:	C-2 / ROC021214 / 12-14 / 11/06/91	C-3 / ROC3B0204 / 2-4 / 11/20/91	HS-SS-50 / HS-SS-50 / 0-0.5 / 05/13/97
Dioxins				
2,3,7,8-TCDD		ND(0.000027) [ND(0.000025)]	ND(0.00084)	ND(0.00000017)
TCDDs (total)		ND(0.000027) [ND(0.000025)]	ND(0.00084)	0.0000013
1,2,3,7,8-PeCDD		NA	NA	ND(0.00000062)
PeCDDs (total)		ND(0.000032) [ND(0.000027)]	ND(0.0039)	ND(0.0000023)
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.00000084)
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.0000016)
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.0000019)
HxCDDs (total)		ND(0.000051) [ND(0.000060)]	ND(0.0017)	0.0000059
1,2,3,4,6,7,8-HpCDD		NA	NA	0.000027
HpCDDs (total)		ND(0.000088) [ND(0.000094)]	ND(0.00011)	0.000053
OCDD		0.00018 [ND(0.00016)]	ND(0.00021)	0.00019
Total TEQs (WHO TEFs)		NC [NC]	NC	0.0000040
Inorganics				
Aluminum		6330 [9850]	8840	NA
Antimony		ND(4.40) N [ND(6.70) N]	ND(3.90) N	ND(2.40) N
Arsenic		3.60 [4.80]	4.90 N	6.20
Barium		17.4 B [29.6 B]	40.7	34.8
Beryllium		0.150 B [0.220 B]	0.280 B	0.200 B
Cadmium		ND(0.610) [ND(0.930)]	ND(0.550)	0.920
Calcium		8050 * [12400 *]	23100	NA
Chromium		8.30 [12.0]	8.60	11.6 E
Cobalt		6.60 [10.2]	7.40	10.2 E
Copper		15.3 N* [18.0 N*]	123	29.7
Iron		15400 E [20700 E]	21200 E	NA
Lead		28.9 A [33.3 A]	26.8	28.7
Magnesium		4820 * [5740 *]	14000	NA
Manganese		223 [298]	430	NA
Mercury		ND(0.120) [ND(0.190)]	ND(0.110) N*	0.390
Nickel		13.1 [17.7]	16.4	17.8
Potassium		404 B [534 B]	772	NA
Selenium		ND(0.370) WN [ND(0.560) WN]	ND(0.330) WN	0.490 B
Sodium		102 B [187 B]	101 B	NA
Sulfide		25.4 [34.1]	ND(10.9)	NA
Vanadium		7.70 [11.1]	14.0	14.8 E
Zinc		51.4 E [79.8 E]	67.3 E	102 E

TABLE 4
HISTORICAL SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY- PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected and analyzed by General Electric Company subcontractors for Appendix IX + 3 constituents.
2. Field duplicate sample results are presented in brackets.
3. Only those constituents detected in one or more samples are sumarized.
4. NA - Not Analyzed - Laboratory did not report results for this analyte.
5. NC - Not Calculated - Insufficient data to calculate TEQ.
6. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
7. NR - Not Reported. Data for this parameter group was entered from summary data tables and not the laboratory report form.
8. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics (volatiles, semivolatiles, pesticides, herbicides, dioxin/furans)

B - Analyte was also detected in the associated method blank.
D - Compound quantitated using a secondary dilution.
E - Analyte exceeded calibration range.
J - Indicates that the associated numerical value is an estimated concentration.
X - Estimated Maximum Possible Concentration
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.
Z - Co eluting isomers could not be chromatographically resolved in the sample.

Inorganics

* - Indicates laboratory duplicate analysis was outside control limits.
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.
Q - Indicates that the analytical spike recovery associated with the sample is less than 40 percent.
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.

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BH000988	OA-BH000988-0-0000	0-1	5/8/2003	ND(0.020)	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020)	ND(0.020) J
	OA-BH000988-0-0010	1-3	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018)	ND(0.018) J
	OA-BH000988-0-0030	3-6	5/8/2003	ND(0.017) [ND(0.017)]	ND(0.017) [ND(0.017) J]	ND(0.017) [ND(0.017) J]	ND(0.017) [ND(0.017) J]	ND(0.017) [ND(0.017) J]	ND(0.017) [ND(0.017) J]	ND(0.017) [ND(0.017)]	ND(0.017) [ND(0.017) J]
	OA-BH000988-0-0060	6-10	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018)	ND(0.018) J
	OA-BH000988-0-0100	10-15	5/8/2003	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J
BH000989	OA-BH000989-0-0000	0-1	5/8/2003	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
	OA-BH000989-0-0010	1-3	5/8/2003	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)
	OA-BH000989-0-0030	3-6	5/8/2003	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)
	OA-BH000989-0-0060	6-10	5/8/2003	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)
	OA-BH000989-0-0100	10-15	5/8/2003	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
BH000990	OA-BH000990-0-0000	0-1	5/8/2003	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.038	ND(0.019)	0.038
	OA-BH000990-0-0010	1-3	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018)	ND(0.018) J
	OA-BH000990-0-0030	3-6	5/8/2003	ND(0.017)	ND(0.017) J	ND(0.017) J	ND(0.017) J	ND(0.017) J	ND(0.017) J	ND(0.017)	ND(0.017) J
	OA-BH000990-0-0060	6-10	5/8/2003	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]	ND(0.017) [ND(0.018)]
	OA-BH000990-0-0100	10-15	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018)	ND(0.018) J
BH000991	OC-BH000991-0-0000	0-1	5/8/2003	ND(0.057)	ND(0.057) J	ND(0.057) J	ND(0.057) J	ND(0.057) J	0.39 J	0.63	1.0 J
	OC-BH000991-0-0010	1-3	5/8/2003	ND(0.036)	ND(0.036) J	ND(0.036) J	ND(0.036) J	ND(0.036) J	0.41 J	0.39	0.80 J
	OC-BH000991-0-0030	3-6	5/8/2003	ND(0.038)	ND(0.038) J	ND(0.038) J	ND(0.038) J	ND(0.038) J	0.39 J	0.31	0.70 J
	OC-BH000991-0-0060	6-10	5/8/2003	ND(0.11)	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.11) J	0.97 J	0.99	2.0 J
	OC-BH000991-0-0100	10-15	5/8/2003	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
BH000992	OC-BH000992-0-0000	0-1	5/8/2003	ND(0.20)	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J	2.3 J	1.1	3.4 J
	OC-BH000992-0-0010	1-3	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	0.16 J	0.040	0.20 J
	OC-BH000992-0-0030	3-6	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018)	ND(0.018) J
	OC-BH000992-0-0060	6-10	5/8/2003	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	OC-BH000992-0-0100	10-15	5/8/2003	ND(0.019)	ND(0.019) J	ND(0.019) J	ND(0.019) J	ND(0.019) J	ND(0.019) J	ND(0.019)	ND(0.019) J
BH000993	OC-BH000993-0-0000	0-1	5/8/2003	ND(0.19)	ND(0.19) J	ND(0.19) J	ND(0.19) J	ND(0.19) J	2.7 J	2.1	4.8 J
	OC-BH000993-0-0010	1-3	5/8/2003	ND(0.46)	ND(0.46) J	ND(0.46) J	ND(0.46) J	ND(0.46) J	3.4 J	2.9	6.3 J
	OC-BH000993-0-0030	3-6	5/8/2003	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	ND(0.057)	0.45	0.35	0.80
	OC-BH000993-0-0060	6-10	5/8/2003	ND(0.019)	ND(0.019) J	ND(0.019) J	ND(0.019) J	ND(0.019) J	ND(0.019) J	ND(0.019)	ND(0.019) J
	OC-BH000993-0-0100	10-15	5/8/2003	ND(0.018)	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018) J	ND(0.018)	ND(0.018) J
FL001631	H2-FL001631-0-0000	0-0.5	10/3/2000	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	13	32	45
	H2-FL001631-0-0005	0.5-1	10/3/2000	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	ND(2.4)	26	43	69
	H2-FL001631-0-0010	1-2	2/6/2001	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	14 J	24 J	38 J
	H2-FL001631-0-0020	2-3	2/6/2001	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	ND(4.2)	12 J	22 J	34 J
FL001632	H2-FL001632-0-0000	0-0.5	10/3/2000	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	ND(5.2)	28	39	67
	H2-FL001632-0-0005	0.5-1	10/3/2000	ND(5.7)	ND(5.7)	ND(5.7)	ND(5.7)	ND(5.7)	73	85	158
	H2-FL001632-0-0010	1-2	2/6/2001	ND(6.5)	ND(6.5)	ND(6.5)	ND(6.5)	ND(6.5)	20 J	42 J	62 J
	H2-FL001632-0-0020	2-3	2/6/2001	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	ND(4.6)	33 J	42 J	75 J
FL001633	H2-FL001633-0-0000	0-0.5	10/3/2000	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.38	0.38
	H2-FL001633-0-0005	0.5-1	10/3/2000	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	1.6	1.6
	H2-FL001633-0-0010	1-2	2/6/2001	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	2.6 J	5.7 J	8.3 J
	H2-FL001633-0-0020	2-3	2/6/2001	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.24 J	0.58 J	0.82 J
FL001634	H2-FL001634-0-0000	0-0.5	10/3/2000	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	2.2 J	3.7	5.9 J
FL001635	H2-FL001635-0-0000	0-0.5	10/3/2000	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.22 J	0.30	0.52 J
	H2-FL001635-0-0005	0.5-1	10/3/2000	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.33	0.25	0.58
FL001636	H2-FL001636-0-0000	0-0.5	10/3/2000	ND(4.9)	ND(4.9)	ND(4.9)	ND(4.9)	ND(4.9)	42	98	140
	H2-FL001636-0-0005	0.5-1	10/3/2000	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	29	39	68
FL001637	H2-FL001637-0-0000	0-0.5	10/3/2000	ND(6.1)	ND(6.1)	ND(6.1)	ND(6.1)	ND(6.1)	ND(6.1)	110	110
	H2-FL001637-0-0005	0.5-1	10/3/2000	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	32	32
	H2-FL001637-0-0010	1-2	2/6/2001	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.36 J	0.36 J
	H2-FL001637-0-0020	2-3	2/6/2001	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.25 J	0.25 J
FL001638	H2-FL001638-0-0000	0-0.5	10/3/2000	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	4.1	4.6	8.7
	H2-FL001638-0-0005	0.5-1	10/3/2000	ND(0.92)	ND(0.92)	ND(0.92)	ND(0.92)	ND(0.92)	5.5	6.3	11.8
	H2-FL001638-0-0010	1-2	2/6/2001	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	5.1 J	6.3 J	11 J
	H2-FL001638-0-0020	2-3	2/6/2001	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.6 J	4.8 J	8.4 J

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
FL001639	H2-FL001639-0-0000	0-0.5	10/4/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.61	0.42	1.03
	H2-FL001639-0-0010	1-2	2/6/2001	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	1.6 J	1.6 J
	H2-FL001639-0-0020	2-2.5	2/6/2001	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
FL001640	H2-FL001640-0-0000	0-0.5	10/3/2000	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	ND(0.093)	0.55 J	0.82	1.37 J
FL001641	H2-FL001641-0-0000	0-0.5	10/3/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.36	0.36
	H2-FL001641-0-0005	0.5-1	10/3/2000	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)	0.19 J	0.29	0.48 J
FL001642	H2-FL001642-0-0000	0-0.5	10/3/2000	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)	6.7	6.7
	H2-FL001642-0-0005	0.5-1	10/3/2000	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	ND(0.60)	8.2	8.2
FL001643	H2-FL001643-0-0000	0-0.5	10/3/2000	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	8.9 J	6.0	14.9 J
	H2-FL001643-0-0005	0.5-1	10/3/2000	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.52)	ND(0.52)	4.7 J	4.4	9.1 J
FL001644	H2-FL001644-0-0000	0-0.5	10/3/2000	ND(0.097)	ND(0.097)	ND(0.097)	ND(0.097)	ND(0.097)	ND(0.097)	0.22	0.22
	H2-FL001644-0-0005	0.5-1	10/3/2000	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	0.43	0.43
FL001645	H2-FL001645-0-0000	0-0.5	10/3/2000	ND(0.92) [ND(0.94)]	ND(0.92) [ND(0.94)]	ND(0.92) [ND(0.94)]	ND(0.92) [ND(0.94)]	ND(0.92) [ND(0.94)]	6.4 J [6.6 J]	8.9 [9.8]	15.3 J [16.4 J]
	H2-FL001645-0-0005	0.5-1	10/3/2000	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	ND(0.97)	8.6 J	9.7	18.3 J
FL001646	H2-FL001646-0-0000	0-0.5	10/3/2000	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	ND(0.44)	1.6	1.6
	H2-FL001646-0-0005	0.5-1	10/3/2000	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	1.9	1.9
FL001647	H2-FL001647-0-0000	0-0.5	10/3/2000	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	0.30	0.30
	H2-FL001647-0-0005	0.5-1	10/3/2000	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	0.24 J	0.24 J
FL001648	H2-FL001648-0-0000	0-0.5	10/3/2000	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	9.0 J	16	25 J
	H2-FL001648-0-0005	0.5-1	10/3/2000	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	14 J	7.4	21.4 J
FL001649	H2-FL001649-0-0000	0-0.5	10/3/2000	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.96	0.96
	H2-FL001649-0-0005	0.5-1	10/3/2000	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)	2.3	2.3
FL001650	H2-FL001650-0-0000	0-0.5	10/3/2000	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	0.43	0.43
	H2-FL001650-0-0005	0.5-1	10/3/2000	ND(0.097)	ND(0.097)	ND(0.097)	ND(0.097)	ND(0.097)	ND(0.097)	1.5	1.5
FL001651	H2-FL001651-0-0000	0-0.5	10/3/2000	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	3.7 J	2.0	5.7 J
	H2-FL001651-0-0005	0.5-1	10/3/2000	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	ND(0.48)	6.9 J	4.4	11.3 J
FL001652	H2-FL001652-0-0000	0-0.5	10/3/2000	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	1.1	1.1
	H2-FL001652-0-0005	0.5-1	10/3/2000	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	0.31	0.31
FL001653	H2-FL001653-0-0000	0-0.5	10/3/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.57	0.57
	H2-FL001653-0-0005	0.5-1	10/3/2000	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	1.2 J	1.2	2.4 J
FL001654	H2-FL001654-0-0000	0-0.5	10/3/2000	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.1	4.0	7.1
	H2-FL001654-0-0005	0.5-1	10/3/2000	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	2.2 J	2.2 J	4.4 J
FL001655	H2-FL001655-0-0000	0-0.5	10/3/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.75	0.75
FL001656	H2-FL001656-0-0000	0-0.5	10/3/2000	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)	0.082	0.082
	H2-FL001656-0-0005	0.5-1	10/3/2000	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	6.6 J	10	16.6 J
FL001657	H2-FL001657-0-0000	0-0.5	10/3/2000	ND(0.096) [ND(0.095)]	ND(0.096) [ND(0.095)]	ND(0.096) [ND(0.095)]	ND(0.096) [ND(0.095)]	ND(0.096) [ND(0.095)]	0.88 [ND(0.095)]	1.0 [0.96]	1.88 [0.96]
	H2-FL001657-0-0005	0.5-1	10/3/2000	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.4	2.1	4.5
FL001658	H2-FL001658-0-0000	0-0.5	10/3/2000	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	ND(0.099)	0.57	0.57
	H2-FL001658-0-0005	0.5-1	10/3/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.34	0.34
FL001659	H2-FL001659-0-0000	0-0.5	10/3/2000	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	ND(0.088)	0.22	0.22
FL001660	H2-FL001660-0-0000	0-0.5	10/3/2000	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	3.7	2.2	5.9
	H2-FL001660-0-0005	0.5-1	10/3/2000	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	4.7	2.4	7.1
FL001661	H2-FL001661-0-0000	0-0.5	10/3/2000	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	33	7.3 J	40.3 J
	H2-FL001661-0-0005	0.5-1	10/3/2000	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	0.53	0.53
FL001662	H2-FL001662-0-0000	0-0.5	10/3/2000	ND(0.0096)	ND(0.0096)	ND(0.0096)	ND(0.0096)	ND(0.0096)	ND(0.0096)	0.047	0.047
	H2-FL001662-0-0005	0.5-1	10/3/2000	ND(0.0091)	ND(0.0091)	ND(0.0091)	ND(0.0091)	ND(0.0091)	ND(0.0091)	0.15	0.15
FL001663	H2-FL001663-0-0000	0-0.5	10/3/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	1.4 J	1.2	2.6 J
	H2-FL001663-0-0005	0.5-1	10/3/2000	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	3.5	4.1	7.6
FL001664	H2-FL001664-0-0000	0-0.5	10/4/2000	ND(0.085) [ND(0.085)]	ND(0.085) [ND(0.085)]	ND(0.085) [ND(0.085)]	ND(0.085) [ND(0.085)]	ND(0.085) [ND(0.085)]	0.68 [0.96]	0.85 [0.90]	1.53 [1.86]
	H2-FL001664-0-0005	0.5-1	10/4/2000	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.25	0.30 J	0.55 J
FL001665	H2-FL001665-0-0000	0-0.5	10/4/2000	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	1.5 J	1.5	3.0 J
	H2-FL001665-0-0005	0.5-1	10/4/2000	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.96 J	0.93	1.89 J
FL001666	H2-FL001666-0-0000	0-0.5	10/4/2000	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	3.7 J	3.4	7.1 J
	H2-FL001666-0-0005	0.5-1	10/4/2000	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.012)	0.085	0.077	0.162
FL001667	H2-FL001667-0-0000	0-0.5	10/4/2000	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	ND(0.24)	3.0 J	2.9	5.9 J
	H2-FL001667-0-0005	0.5-1	10/4/2000	ND(0.0099)	ND(0.0099)	ND(0.0099)	ND(0.0099)	ND(0.0099)	0.17	0.13	0.30

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
FL001668	H2-FL001668-0-0000	0-0.5	10/4/2000	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	2.2 J	3.6	5.8 J
	H2-FL001668-0-0005	0.5-1	10/4/2000	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	24	17	41
FL001669	H2-FL001669-0-0000	0-0.5	10/4/2000	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	3.1 J	3.4	6.5 J
	H2-FL001669-0-0005	0.5-1	10/4/2000	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	ND(0.70)	22 J	26	48 J
FL001670	H2-FL001670-0-0000	0-0.5	10/4/2000	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	4.4	6.9	11.3
	H2-FL001670-0-0005	0.5-1	10/4/2000	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	40	68	108
FL001671	H2-FL001671-0-0000	0-0.5	10/4/2000	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	2.0	4.1	6.1
	H2-FL001671-0-0005	0.5-1	10/4/2000	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	7.3 J	13	20.3 J
FL001672	H2-FL001672-0-0000	0-0.5	10/4/2000	ND(0.13) [ND(0.25)]	ND(0.13) [ND(0.25)]	ND(0.13) [ND(0.25)]	ND(0.13) [ND(0.25)]	ND(0.13) [ND(0.25)]	1.3 [1.6 J]	2.3 [2.8]	3.6 [4.4 J]
	H2-FL001672-0-0005	0.5-1	10/4/2000	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)	4.2 J	8.8	13 J
FL001673	H2-FL001673-0-0000	0-0.5	10/4/2000	ND(0.089)	ND(0.089)	ND(0.089)	ND(0.089)	ND(0.089)	0.31 J	0.67	0.98 J
	H2-FL001673-0-0005	0.5-1	10/4/2000	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	1.1 J	2.6	3.7 J
FL001674	H2-FL001674-0-0000	0-0.5	10/4/2000	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	0.64	1.3	1.94
	H2-FL001674-0-0005	0.5-1	10/4/2000	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	ND(0.092)	0.45	0.83	1.28
FL001675	H2-FL001675-0-0000	0-0.5	10/4/2000	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	ND(2.5)	17	61	78
	H2-FL001675-0-0005	0.5-1	10/4/2000	ND(6.0)	ND(6.0)	ND(6.0)	ND(6.0)	ND(6.0)	11	30	41
	H2-FL001675-0-0010	1-2	2/6/2001	ND(5.3)	ND(5.3)	ND(5.3)	ND(5.3)	ND(5.3)	31 J	34 J	65 J
	H2-FL001675-0-0020	2-3	2/6/2001	ND(2.9)	ND(2.9)	ND(2.9)	ND(2.9)	ND(2.9)	48	55	100
FL001676	H2-FL001676-0-0000	0-0.5	10/4/2000	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	ND(0.096)	0.90 J	0.74	1.64 J
	H2-FL001676-0-0005	0.5-1	10/4/2000	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	6.8	6.6	13.4
	H2-FL001676-0-0010	1-2	2/6/2001	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)	3.8 J	5.0 J	8.8 J
	H2-FL001676-0-0020	2-2.5	2/6/2001	ND(8.7)	ND(8.7)	ND(8.7)	ND(8.7)	ND(8.7)	41 J	64 J	100 J
FL001677	H2-FL001677-0-0000	0-0.5	10/4/2000	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	9.2	26	35.2
	H2-FL001677-0-0005	0.5-1	10/4/2000	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	8.4	16	24.4
	H2-FL001677-0-0010	1-2	2/6/2001	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	29 J	54 J	83 J
	H2-FL001677-0-0020	2-3	2/6/2001	ND(12) [ND(11)]	ND(12) [ND(11)]	ND(12) [ND(11)]	ND(12) [ND(11)]	ND(12) [ND(11)]	120 J [100 J]	100 J [78 J]	220 J [180 J]
FL001678	H2-FL001678-0-0000	0-0.5	10/4/2000	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	ND(2.6)	8.4 J	17	25.4 J
	H2-FL001678-0-0005	0.5-1	10/4/2000	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	ND(5.6)	14 J	25	39 J
FL001679	H2-FL001679-0-0000	0-0.5	10/4/2000	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.24	0.23	0.47
FL001680	H2-FL001680-0-0000	0-0.5	10/4/2000	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)	4.6 J	8.1	12.7 J
FL001681	H2-FL001681-0-0000	0-0.5	10/4/2000	ND(0.096) [ND(0.097)]	ND(0.096) [ND(0.097)]	ND(0.096) [ND(0.097)]	ND(0.096) [ND(0.097)]	ND(0.096) [ND(0.097)]	0.62 J [0.54 J]	1.4 [1.1]	2.02 J [1.64 J]
	H2-FL001681-0-0005	0.5-1	10/4/2000	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.28	0.37	0.65
GB-B	OC-BH000556-0-0000	0-1	1/29/2002	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.25	2.8	3.05
	OC-BH000556-0-0010	1-3	1/29/2002	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.39)	2.8	9.5	12.3
	OC-BH000556-0-0030	3-6	1/29/2002	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	ND(0.49)	3.4	6.9	10.3
	OC-BH000556-0-0060	6-10	1/29/2002	ND(0.099) [ND(0.060)]	ND(0.099) [ND(0.060)]	ND(0.099) [ND(0.060)]	ND(0.099) [ND(0.060)]	ND(0.099) [ND(0.060)]	0.074 J [0.056 J]	0.26 [0.26]	0.334 J [0.316 J]
	OC-BH000556-0-0100	10-15	1/29/2002	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
GB-D	OA-BH000558-0-0000	0-1	2/7/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
	OA-BH000558-0-0010	1-3	2/7/2002	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.022 J	0.022 J
	OA-BH000558-0-0030	3-6	2/7/2002	ND(0.020) J	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.034	0.034
	OA-BH000558-0-0060	6-10	2/7/2002	ND(0.020) [ND(0.021)]	ND(0.020) [ND(0.021)]	ND(0.020) [ND(0.021)]	ND(0.020) [ND(0.021)]	ND(0.020) [ND(0.021)]	1.0 J [1.3 J]	1.8 [1.8]	2.8 J [3.1 J]
	OA-BH000558-0-0100	10-15	2/7/2002	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.067 J	0.057	0.124 J
GB-F	OA-BH000560-0-0000	0-1	2/7/2002	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.021 J	0.021 J
	OA-BH000560-0-0010	1-3	2/7/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.028	0.097	0.125
	OA-BH000560-0-0030	3-6	2/7/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.29	0.29
	OA-BH000560-0-0060	6-10	2/7/2002	ND(0.21) [ND(0.21)]	ND(0.21) [ND(0.21)]	ND(0.21) [ND(0.21)]	ND(0.21) [ND(0.21)]	ND(0.21) [ND(0.21)]	4.6 J [5.0]	4.0 [4.4]	8.6 J [9.4]
	OA-BH000560-0-0100	10-15	2/7/2002	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	0.80	0.69 J	1.49 J
GTB-3	OA-BH000580-0-0060	6-12	4/24/2002	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	ND(0.84)	58	45	103
GTB-9	OA-BH000579-0-0020	2-4	4/24/2002	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	0.64 J	16	16.6
	OA-BH000579-0-0060	6-10	4/24/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.19 J	0.94	1.13
RAA11-F18	OC-BH000756-0-0000	0-1	7/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.054	ND(0.038)	0.054
RAA11-F19	OC-BH000754-0-0000	0-1	7/9/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.15	0.12	0.27
RAA11-F20	OC-BH000752-0-0000	0-1	7/9/2002	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	0.049 [0.068]	ND(0.036) [0.041]	0.049 [0.11]
RAA11-G16	OC-BH000759-0-0000	0-1	7/9/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.017 J	ND(0.037)	0.017 J

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA11-G17	OA-BH000772-0-0000	0-1	7/15/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
	OA-BH000772-0-0010	1-3	7/15/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
	OA-BH000772-0-0030	3-6	7/15/2002	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	0.50	0.50
	OA-BH000772-0-0060	6-10	7/15/2002	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	0.86	0.86
RAA11-G18	OC-BH000755-0-0000	0-1	7/9/2002	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.084	0.070	0.15
RAA11-G19	OA-BH000771-0-0000	0-1	7/15/2002	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.018 J	ND(0.017)	0.018 J
	OA-BH000771-0-0010	1-3	7/15/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.020 J	0.032	0.052 J
	OA-BH000771-0-0030	3-6	7/15/2002	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.036 J	0.036	0.072 J
	OA-BH000771-0-0060	6-11	7/15/2002	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
RAA11-G20	OC-BH000753-0-0000	0-1	7/9/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.38	0.14	0.52
RAA11-H16	OC-BH000758-0-0000	0-1	7/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.039	0.045	0.084
RAA11-H17	OC-BH000757-0-0000	0-1	7/9/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.87	0.43	1.3
RAA11-M17	OA-BH000979-0-0100	10-15	4/17/2003	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	110	110
RB010704	H2-RB010704-0-0000	0-0.5	11/19/1998	NA	NA	NA	NA	ND(0.70)	ND(0.70)	1.9	1.9
	H2-RB010704-0-0010	1-1.5	11/19/1998	NA	NA	NA	NA	ND(0.75)	ND(0.75)	0.43 J	0.43 J
	H2-RB010704-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(0.68)	ND(0.68)	ND(0.68)	ND(0.68)
RB010725	H2-RB010725-0-0030	3-3.5	6/21/2000	NA	NA	NA	NA	34	36	40	109
	H2-RB010725-0-0040	4-4.5	6/21/2000	NA	NA	NA	NA	ND(5.0)	30	34	64.2
	H2-RB010725-0-0050	5-5.5	6/21/2000	NA	NA	NA	NA	ND(1.0)	8.2	14	22.5
RB010746	H2-RB010746-0-0000	0-0.5	11/19/1998	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.070	0.17	0.24 J
	H2-RB010746-0-0010	1-1.5	11/19/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	ND(0.56)	ND(0.56)
	H2-RB010746-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)
RB010766	H2-RB010766-0-0000	0-0.5	11/19/1998	NA	NA	NA	NA	ND(1.3)	ND(1.3)	31	30.8
	H2-RB010766-0-0010	1-1.5	11/19/1998	NA	NA	NA	NA	ND(2.8)	ND(2.8)	45	44.7
	H2-RB010766-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(0.64)	ND(0.64)	9.7	9.73
RB010785	H2-RB010785-0-0000	0-0.5	11/19/1998	NA	NA	NA	NA	ND(0.64)	ND(0.64)	0.67	0.665
	H2-RB010785-0-0010	1-1.5	11/19/1998	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	0.062	0.062 J
	H2-RB010785-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)
RB010786	H2-RB010786-0-0000	0-0.5	11/19/1998	NA	NA	NA	NA	ND(2.9)	ND(2.9)	58	58.4
	H2-RB010786-0-0010	1-1.5	11/19/1998	NA	NA	NA	NA	ND(0.63)	ND(0.63)	10	10.1
	H2-RB010786-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	8.9	8.9
RB010806	H2-RB010806-0-0000	0-0.5	11/19/1998	NA	NA	NA	NA	ND(0.61)	ND(0.61)	11	10.7
	H2-RB010806-0-0010	1-1.5	11/19/1998	NA	NA	NA	NA	ND(5.4)	ND(5.4)	140	143
	H2-RB010806-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(2.7)	ND(2.7)	48	48
RB010826	H2-RB010826-0-0000	0-0.5	11/19/1998	NA	NA	NA	NA	ND(0.68)	ND(0.68)	8.5	8.51
	H2-RB010826-0-0010	1-1.5	11/19/1998	NA	NA	NA	NA	ND(0.72)	ND(0.72)	19	19.2
	H2-RB010826-0-0020	2-2.5	11/19/1998	NA	NA	NA	NA	ND(0.77)	ND(0.77)	18 J	17.8 J
RB010866	H2-RB010866-0-0000	0-0.5	11/18/1998	NA	NA	NA	NA	ND(0.61)	ND(0.61)	14 J	14 J
	H2-RB010866-0-0010	1-1.5	11/18/1998	NA	NA	NA	NA	ND(0.61)	18	19	36.8
	H2-RB010866-0-0020	2-2.5	11/18/1998	NA	NA	NA	NA	ND(0.65)	14	12	25.7
RB010886	H2-RB010886-0-0000	0-0.5	11/18/1998	NA	NA	NA	NA	ND(0.64)	5.4 J	6.1 J	11.5 J
	H2-RB010886-0-0010	1-1.5	11/18/1998	NA	NA	NA	NA	ND(0.62)	11	12	23.4
	H2-RB010886-0-0020	2-2.5	11/18/1998	NA	NA	NA	NA	ND(1.1)	23	29	52.2
RB010905	H2-RB010905-0-0000	0-0.5	11/18/1998	NA	NA	NA	NA	ND(0.66)	ND(0.66)	14 J	13.7 J
	H2-RB010905-0-0010	1-1.5	11/18/1998	NA	NA	NA	NA	ND(1.3)	29	25	54.8
RB010906	H2-RB010906-0-0000	0-0.5	11/18/1998	NA	NA	NA	NA	ND(0.58)	ND(0.58)	2.7	2.73
	H2-RB010906-0-0010	1-1.5	11/18/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	17 J	17.4 J
	H2-RB010906-0-0020	2-2.5	11/18/1998	NA	NA	NA	NA	ND(0.56)	11	3.3	13.7
RB010926	H2-RB010926-0-0000	0-0.5	11/18/1998	NA	NA	NA	NA	ND(0.59)	ND(0.59)	24	24.1
	H2-RB010926-0-0010	1-1.5	11/18/1998	NA	NA	NA	NA	ND(0.55)	ND(0.55)	9.3	9.28
RB010946	H2-RB020946-0-0000	0-0.5	11/17/1998	NA	NA	NA	NA	ND(0.60)	ND(0.60)	18	17.5
	H2-RB020946-0-0010	1-1.5	11/17/1998	NA	NA	NA	NA	ND(0.56)	ND(0.56)	2.7	2.65
RB020966	H2-RB020966-0-0000	0-0.5	11/17/1998	NA	NA	NA	NA	ND(0.63)	ND(0.63)	18	18.2
RB020986	H2-RB020986-0-0000	0-0.5	11/17/1998	NA	NA	NA	NA	ND(0.57)	ND(0.57)	5.2	5.23

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EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
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	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RB021006	H2-RB021006-0-0000	0-0.5	11/17/1998	NA	NA	NA	NA	ND(0.99)	ND(0.99)	ND(0.99)	ND(0.99)
	H2-RB021006-0-0010	1-1.5	11/17/1998	NA	NA	NA	NA	ND(0.63)	ND(0.63)	ND(0.63)	ND(0.63)
	H2-RB021006-0-0020	2-2.5	11/17/1998	NA	NA	NA	NA	ND(0.66)	ND(0.66)	ND(0.66)	ND(0.66)

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection performed by United States Environmental Protection Agency (EPA) subcontractors. Analysis performed by EPA subcontractors and CT&E Environmental Services, Inc. Results of analyses performed by EPA subcontractors provided to GE under a Data Exchange Agreement between GE and EPA.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed.

Data Qualifiers:

J - Estimated Value.

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	BH000988	BH000989	BH000990	BH000991
Sample ID:	OA-BH000988-0-0030	OA-BH000989-0-0100	OA-BH000990-0-0060	OC-BH000991-0-0100
Sample Depth(Feet):	3-6	10-15	6-10	10-15
Parameter Date Collected:	05/08/03	05/08/03	05/08/03	05/08/03
Volatile Organics				
1,4-Dichlorobenzene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
2-Butanone	R	0.0042 J	0.0049 J [R]	R
Acetone	0.020 J	0.029 J	0.043 J [0.032 J]	0.015 J
Benzene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Carbon Disulfide	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Ethylbenzene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Iodomethane	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
m&p-Xylene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Methyl tert-butyl ether	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	0.026
Methylene Chloride	ND(0.0051) J	ND(0.0052) J	ND(0.0045) J [ND(0.0046) J]	ND(0.0048) J
Naphthalene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
o-Xylene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Tetrachloroethene	0.0038 J	0.011	0.0077 [0.0087]	ND(0.0048)
Toluene	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Xylenes (total)	ND(0.0051)	ND(0.0052)	ND(0.0045) [ND(0.0046)]	ND(0.0048)
Semivolatile Organics				
1,4-Dichlorobenzene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
2-Methylnaphthalene	ND(0.34)	ND(0.38) J	ND(0.34) J [ND(0.35) J]	ND(0.39) J
Acenaphthene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Acenaphthylene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Acetophenone	ND(0.34)	ND(0.38)	0.022 J [ND(0.35)]	ND(0.39)
Anthracene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Benzo(a)anthracene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Benzo(a)pyrene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Benzo(b)fluoranthene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Benzo(g,h,i)perylene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Benzo(k)fluoranthene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Butylbenzylphthalate	ND(0.34)	ND(0.38)	0.023 J [ND(0.35)]	ND(0.39)
Chrysene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Dibenzofuran	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Fluoranthene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Fluorene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Naphthalene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Phenanthrene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Pyrene	ND(0.34)	ND(0.38)	ND(0.34) [ND(0.35)]	ND(0.39)
Herbicides				
None Detected	--	--	--	--
Inorganics				
Antimony	0.840 J	0.440 J	0.930 J [ND(0.380) J]	0.710 J
Arsenic	6.30 J	7.10 J	9.90 J [5.00 J]	5.40 J
Barium	19.0	27.1	33.6 [25.4]	24.5
Beryllium	0.310	0.240	0.200 [0.130]	0.260
Cadmium	0.250	0.190	0.230 [0.140]	0.160
Chromium	9.60	9.50	13.4 [6.00]	10.5
Cobalt	10.8	10.3	14.9 [9.60]	9.40
Copper	23.0 J	22.1 J	35.1 J [19.5 J]	21.0 J
Cyanide	NA	NA	NA	NA
Lead	9.50	9.40	11.6 [8.50]	8.80
Mercury	ND(0.0160)	ND(0.0180)	ND(0.0170) [ND(0.0170)]	ND(0.0190)
Nickel	20.0	16.8	25.6 [11.2]	16.9
Selenium	0.580 J	ND(0.330) J	0.820 J [ND(0.290) J]	0.410 J
Sulfide	NA	NA	NA	NA
Thallium	ND(0.410) J	ND(0.420) J	ND(0.430) J [ND(0.370) J]	ND(0.460) J
Tin	0.540	ND(0.440)	0.540 [ND(0.390)]	0.550
Vanadium	10.9	11.6	13.9 [6.90]	12.9
Zinc	58.4	63.6	83.0 [35.1]	58.2

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	BH000992	BH000993	GTB-9	GTB-9
Sample ID:	OC-BH000992-0-0060	OC-BH000993-0-0030	OA-BH000579-0-0020	OA-BH000579-0-0060
Sample Depth(Feet):	6-10	3-6	2-4	6-10
Parameter Date Collected:	05/08/03	05/08/03	04/24/02	04/24/02
Volatile Organics				
1,4-Dichlorobenzene	ND(0.0049)	ND(0.0047)	NA	NA
2-Butanone	0.0074 J	0.013 J	NA	NA
Acetone	0.044 J	0.12 J	NA	NA
Benzene	ND(0.0049)	0.0016 J	NA	NA
Carbon Disulfide	ND(0.0049)	0.017 J	NA	NA
Ethylbenzene	ND(0.0049)	ND(0.0047)	NA	NA
Iodomethane	ND(0.0049)	0.0011 J	NA	NA
m&p-Xylene	ND(0.0049)	ND(0.0047)	NA	NA
Methyl tert-butyl ether	ND(0.0049)	ND(0.0047)	NA	NA
Methylene Chloride	ND(0.0049) J	ND(0.0047) J	NA	NA
Naphthalene	ND(0.0049)	ND(0.0047)	NA	NA
o-Xylene	ND(0.0049)	ND(0.0047)	NA	NA
Tetrachloroethene	ND(0.0049)	ND(0.0047)	NA	NA
Toluene	ND(0.0049)	0.0082	NA	NA
Xylenes (total)	ND(0.0049)	ND(0.0047)	NA	NA
Semivolatile Organics				
1,4-Dichlorobenzene	ND(0.40)	ND(1.1)	ND(1.8)	ND(3.7)
2-Methylnaphthalene	ND(0.40) J	0.14 J	ND(1.8)	ND(3.7)
Acenaphthene	ND(0.40)	0.066 J	ND(1.8)	ND(3.7)
Acenaphthylene	ND(0.40)	0.21 J	ND(1.8)	ND(3.7)
Acetophenone	ND(0.40)	ND(1.1)	NA	NA
Anthracene	ND(0.40)	0.38 J	ND(1.8)	ND(3.7)
Benzo(a)anthracene	ND(0.40)	2.5	0.26 J	ND(3.7)
Benzo(a)pyrene	ND(0.40)	2.3	0.24 J	0.42 J
Benzo(b)fluoranthene	ND(0.40)	1.9	0.23 J	ND(3.7)
Benzo(g,h,i)perylene	ND(0.40)	1.9	ND(1.8)	ND(3.7)
Benzo(k)fluoranthene	ND(0.40)	2.4	0.26 J	0.43 J
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(1.1)	ND(1.8)	ND(3.7)
Butylbenzylphthalate	ND(0.40)	ND(1.1)	ND(1.8)	ND(3.7)
Chrysene	ND(0.40)	3.3	0.29 J	0.37 J
Dibenzo(a,h)anthracene	ND(0.40)	0.56 J	ND(1.8)	ND(3.7)
Dibenzofuran	ND(0.40)	0.079 J	ND(1.8)	ND(3.7)
Fluoranthene	ND(0.40)	5.0	0.52 J	0.58 J
Fluorene	ND(0.40)	0.22 J	ND(1.8)	ND(3.7)
Indeno(1,2,3-cd)pyrene	ND(0.40)	1.5	0.19 J	ND(3.7)
Naphthalene	ND(0.40)	0.13 J	ND(1.8)	ND(3.7)
Phenanthrene	ND(0.40)	3.7	0.43 J	0.40 J
Pyrene	ND(0.40)	6.0	0.53 J	0.66 J
Herbicides				
None Detected	--	--	NA	NA
Inorganics				
Antimony	0.590 J	1.20 J	NA	NA
Arsenic	4.60 J	11.8 J	NA	NA
Barium	22.9	29.0	NA	NA
Beryllium	0.230	0.330	NA	NA
Cadmium	0.130	0.330	NA	NA
Chromium	10.0	14.3	NA	NA
Cobalt	10.5	12.2	NA	NA
Copper	21.5 J	22.2 J	NA	NA
Cyanide	NA	NA	NA	NA
Lead	11.3	47.6	NA	NA
Mercury	ND(0.0190)	0.160	NA	NA
Nickel	18.2	22.7	NA	NA
Selenium	0.440 J	0.900 J	NA	NA
Sulfide	NA	NA	NA	NA
Thallium	ND(0.480) J	ND(0.470) J	NA	NA
Tin	ND(0.500)	2.10	NA	NA
Vanadium	11.3	16.7	NA	NA
Zinc	59.2	109	NA	NA

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA11-F20	RAA11-G17	RAA11-G18	RAA11-G19
Sample ID:	OC-BH000752-0-0000	OA-BH000772-0-0060	OC-BH000755-0-0000	OA-BH000771-0-0060
Sample Depth(Feet):	0-1	6-10	0-1	6-11
Parameter Date Collected:	07/09/02	07/15/02	07/09/02	07/15/02
Volatile Organics				
1,4-Dichlorobenzene	NA	0.0086 J	NA	ND(0.72)
2-Butanone	NA	R	NA	0.30 J
Acetone	NA	0.51 J	NA	R
Benzene	NA	0.0085 J	NA	ND(0.72)
Carbon Disulfide	NA	0.017 J	NA	ND(0.72)
Ethylbenzene	NA	0.0068 J	NA	ND(0.72)
Iodomethane	NA	R	NA	ND(0.72)
m&p-Xylene	NA	0.015 J	NA	ND(0.72)
Methyl tert-butyl ether	NA	NA	NA	NA
Methylene Chloride	NA	0.023 J	NA	ND(0.72)
Naphthalene	NA	0.061 J	NA	ND(0.72)
o-Xylene	NA	0.021 J	NA	ND(0.72)
Tetrachloroethene	NA	R	NA	ND(0.72)
Toluene	NA	0.0023 J	NA	ND(0.72)
Xylenes (total)	NA	0.037 J	NA	ND(0.72)
Semivolatile Organics				
1,4-Dichlorobenzene	ND(0.36) [ND(0.36)]	ND(0.72)	ND(0.36)	ND(0.37)
2-Methylnaphthalene	ND(0.36) [ND(0.36)]	0.12 J	ND(0.36)	ND(0.37)
Acenaphthene	ND(0.36) [ND(0.36)]	0.088 J	0.16 J	ND(0.37)
Acenaphthylene	ND(0.36) [ND(0.36)]	0.087 J	ND(0.36)	ND(0.37)
Acetophenone	ND(0.36) [ND(0.36)]	ND(0.72)	ND(0.36)	ND(0.37)
Anthracene	ND(0.36) [ND(0.36)]	0.41 J	0.14 J	ND(0.37)
Benzo(a)anthracene	0.55 [0.43]	1.4 J	0.51	ND(0.74)
Benzo(a)pyrene	0.65 [0.33 J]	1.4 J	0.88	0.055 J
Benzo(b)fluoranthene	0.91 [0.48]	1.0	1.2	0.060 J
Benzo(g,h,i)perylene	0.27 J [0.21 J]	0.98	0.75	0.064 J
Benzo(k)fluoranthene	0.86 [0.43]	1.4	1.1	0.050 J
bis(2-Ethylhexyl)phthalate	ND(0.35) [ND(0.35)]	0.059 J	ND(0.36)	ND(0.74)
Butylbenzylphthalate	ND(0.36) [ND(0.36)]	ND(0.72)	ND(0.36)	ND(0.37) J
Chrysene	0.49 [0.38]	1.4	0.69	0.094 J
Dibenzo(a,h)anthracene	ND(0.36) [ND(0.36)]	0.38 J	0.21 J	ND(0.37) J
Dibenzofuran	ND(0.36) [ND(0.36)]	0.13 J	0.076 J	ND(0.37)
Fluoranthene	1.0 [0.86]	2.6	1.2	0.069 J
Fluorene	ND(0.36) [ND(0.36)]	0.15 J	0.14 J	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.31 J [0.18 J]	0.79	0.63	0.045 J
Naphthalene	ND(0.36) [ND(0.36)]	0.34 J	ND(0.36)	ND(0.37)
Phenanthrene	0.42 [0.51]	1.5 J	1.1	ND(0.37)
Pyrene	1.3 [1.2]	3.1 J	1.3	0.45 J
Herbicides				
None Detected	NA	--	NA	--
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	ND(0.160)	ND(6.00)	ND(0.160)
Arsenic	7.10 [5.60]	3.70	8.10	4.30
Barium	52.0 [38.0]	22.9	48.0	24.4
Beryllium	ND(0.500) [ND(0.500)]	0.170 J	ND(0.500)	0.230 J
Cadmium	ND(0.500) [ND(0.500)]	0.350 J	ND(0.500)	0.380 J
Chromium	8.00 [7.40]	18.6	9.90	5.80
Cobalt	7.60 [7.00]	6.20	9.70	7.80
Copper	18.0 [18.0]	17.0	67.0	15.8
Cyanide	0.110 [0.0760 B]	ND(0.530)	0.140	ND(0.550)
Lead	200 [140]	17.0	290	6.20
Mercury	0.0940 B [0.0680 B]	ND(0.0160)	0.180	0.0250 J
Nickel	13.0 [12.0]	13.0	16.0	14.4
Selenium	ND(1.00) [ND(1.00)]	0.430 J	ND(1.00)	ND(0.270)
Sulfide	17.0 [17.0]	ND(8.60)	28.0	ND(8.90)
Thallium	1.80 [1.40 B]	ND(0.180)	2.40	ND(0.200)
Tin	ND(10.0) [ND(10.0)]	0.460 J	ND(10.0)	0.260 J
Vanadium	9.20 [8.90]	20.9	14.0	7.30
Zinc	80.0 [79.0]	41.3	160	51.3

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA11-G23	RAA11-G23	RAA11-H16
Sample ID:	OC-BH000958-0-0100	OC-BH000958-0-0130	OC-BH000758-0-0000
Sample Depth(Feet):	10-15	13-14	0-1
Parameter Date Collected:	04/08/03	04/08/03	07/09/02
Volatile Organics			
1,4-Dichlorobenzene	NA	0.82 J	NA
2-Butanone	NA	ND(0.85)	NA
Acetone	NA	0.88 J	NA
Benzene	NA	ND(0.85)	NA
Carbon Disulfide	NA	ND(0.85)	NA
Ethylbenzene	NA	ND(0.85)	NA
Iodomethane	NA	ND(0.85)	NA
m&p-Xylene	NA	0.16 J	NA
Methyl tert-butyl ether	NA	ND(0.85)	NA
Methylene Chloride	NA	ND(0.85)	NA
Naphthalene	NA	ND(0.79) J	NA
o-Xylene	NA	0.17 J	NA
Tetrachloroethene	NA	ND(0.85)	NA
Toluene	NA	0.73 J	NA
Xylenes (total)	NA	0.17 J	NA
Semivolatile Organics			
1,4-Dichlorobenzene	0.74 J	NA	ND(0.38)
2-Methylnaphthalene	3.8 J	NA	ND(0.38)
Acenaphthene	4.0 J	NA	0.10 J
Acenaphthylene	1.9 J	NA	0.10 J
Acetophenone	ND(14)	NA	ND(0.38)
Anthracene	10 J	NA	0.15 J
Benzo(a)anthracene	25 J	NA	0.81
Benzo(a)pyrene	27 J	NA	1.4
Benzo(b)fluoranthene	23	NA	1.5
Benzo(g,h,i)perylene	17	NA	1.0
Benzo(k)fluoranthene	31 J	NA	1.6
bis(2-Ethylhexyl)phthalate	ND(14)	NA	ND(0.37)
Butylbenzylphthalate	ND(14)	NA	ND(0.38)
Chrysene	43	NA	0.97
Dibenzo(a,h)anthracene	4.5 J	NA	0.44
Dibenzofuran	3.4 J	NA	ND(0.38)
Fluoranthene	81	NA	1.5
Fluorene	12 J	NA	0.13 J
Indeno(1,2,3-cd)pyrene	15	NA	1.0
Naphthalene	3.4 J	NA	ND(0.38)
Phenanthrene	84 J	NA	0.93
Pyrene	88 J	NA	2.5
Herbicides			
None Detected	--	NA	NA
Inorganics			
Antimony	NA	NA	1.00 B
Arsenic	NA	NA	7.80
Barium	NA	NA	38.0
Beryllium	NA	NA	ND(0.500)
Cadmium	NA	NA	ND(0.500)
Chromium	NA	NA	9.40
Cobalt	NA	NA	10.0
Copper	NA	NA	19.0
Cyanide	NA	NA	ND(0.230)
Lead	NA	NA	40.0
Mercury	NA	NA	0.0480 B
Nickel	NA	NA	19.0
Selenium	NA	NA	ND(1.00)
Sulfide	NA	NA	27.0
Thallium	NA	NA	2.10
Tin	NA	NA	4.70 B
Vanadium	NA	NA	11.0
Zinc	NA	NA	75.0

TABLE 6
EPA SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection performed by United States Environmental Protection Agency (EPA) subcontractors. Analysis performed by EPA subcontractors and CT&E Environmental Services, Inc. Results of analyses performed by EPA subcontractors provided to GE under a Data Exchange Agreement between GE and EPA.
2. Only those constituents detected in one or more samples are summarized.
3. -- Indicates that all constituents for the parameter group were not detected.
4. NA - Not Analyzed.
5. 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

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

TABLE 7
SUMMARY OF PROPOSED SUPPLEMENTAL SAMPLING LOCATIONS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parcel ID	Nearest Grid Coordinate	Sample Type	Sample Depth (feet)					Rationale
			0-1	1-3	3-6	6-10	10-15	
PCB SAMPLING LOCATIONS								
Mystic Street Right-of-Way	I26	EXISTING:	--	--	--	--	--	PCB Grid Characterization
		PROPOSED:	RAA11-I26	--	--	--	--	
	M21	EXISTING:	I8-23-24-SS-3	--	--	--	RAA11-M21	PCB Grid Characterization
		PROPOSED:	--	RAA11-M21A	RAA11-M21A	RAA11-M21A	--	
I9-5-2 and I9-5-3	F28	EXISTING:	I9-5-13-SS-9	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	G27	EXISTING:	RAA11-G27	RAA11-G27	RAA11-G27	RAA11-G27	RAA11-G27	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	G28	EXISTING:	BH000992	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	G29	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-G29	RAA11-G29	RAA11-G29	RAA11-G29	RAA11-G29	
	H26	EXISTING:	RAA11-H26	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	H27	EXISTING:	BH000993	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	H28	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-H28	--	--	--	--	
	I27	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-I27	RAA11-I27	RAA11-I27	RAA11-I27	RAA11-I27	
I8-23-4	S1	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-S1	RAA11-S1	RAA11-S1	RAA11-S1	RAA11-S1	
	T1	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-T1	--	--	--	--	
	U99	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-U99	--	--	--	--	
	U1	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-U1	RAA11-U1	RAA11-U1	RAA11-U1	RAA11-U1	
	V99	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-V99	--	--	--	--	
	V1	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-V1	--	--	--	--	
	W1	EXISTING:	SB-414	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	RAA11-W1	RAA11-W1	RAA11-W1	RAA11-W1	

TABLE 7
SUMMARY OF PROPOSED SUPPLEMENTAL SAMPLING LOCATIONS

PRE-DESIGN INVESTIGATION REPORT FOR THE FORMER OXBOW AREAS A AND C REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parcel ID	Nearest Grid Coordinate	Sample Type	Sample Depth (feet)					Rationale
			0-1	1-3	3-6	6-10	10-15	
I8-23-5	U2	EXISTING:	SB-410	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	U3	EXISTING:	RAA11-U3	RAA11-U3	RAA11-U3	RAA11-U3	RAA11-U3	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	U4	EXISTING:	RAA11-U4	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	V2	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-V2	--	--	--	--	
	V3	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-V3	--	--	--	--	
	V4	EXISTING:	--	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	RAA11-V4	--	--	--	--	
	V5	EXISTING:	RAA11-V5	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	W2	EXISTING:	SB416	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	W3	EXISTING:	SB-418	SB-303	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	RAA11-W3	RAA11-W3	RAA11-W3	
	W4	EXISTING:	SB420	--	--	--	--	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
	W5	EXISTING:	RAA11-W5	RAA11-W5	RAA11-W5	RAA11-W5	RAA11-W5	PCB Characterization for Adjacent Property
		PROPOSED:	--	--	--	--	--	
I8-23-6	S15	EXISTING:	--	--	--	--	--	Delineation of PCBs South of RAA11-S15
		PROPOSED:	RAA11-S15S	RAA11-S15S	RAA11-S15S	RAA11-S15S	RAA11-S15S	
I8-23-11	S13	EXISTING:	--	--	--	--	--	Delineation of PCBs South of RAA11-S13
		PROPOSED:	RAA11-S13S	RAA11-S13S	RAA11-S13S	RAA11-S13S	RAA11-S13S	
I8-23-10	V11 and V12	EXISTING:	--	--	--	--	--	PCB Characterization
		PROPOSED:	RAA11-V11.5	RAA11-V11.5	RAA11-V11.5	RAA11-V11.5	RAA11-V11.5	
APPENDIX IX+3 (NON-PCB) SAMPLING LOCATIONS								
I8-23-10	V11 and V12	EXISTING:	--	--	--	--	--	Appendix IX+3 (Non-PCB) Characterization
		PROPOSED:	RAA11-V11.5	RAA11-V11.5	RAA11-V11.5	--	RAA11-V11.5	

1. Shaded depth increments indicate that soil sampling is not required.
2. Existing PCB samples are assumed to represent a grid node if they are located less than 50 feet from 100-foot grid nodes or less than 25 feet from 50-foot grid nodes.
3. Existing PCB sample depths are assumed to satisfy the depth interval (i.e., either 0-1, 1-3, 3-6, 6-10, or 10-15 feet) requirements if the existing depths constitute at least 50% of the depth requirement. For example, existing PCB data for 10-12 foot and 12-14 foot depths at a node will satisfy the 10-15 foot requirement for that node. However, existing data for the 10-12 foot depth alone will not satisfy the 10-15 foot requirement.
4. Samples collected for PCB characterization will be subjected to analysis for PCBs only.
5. Samples collected for Appendix IX+3 (non-PCB) characterization will be subjected to analysis for VOCs, SVOCs, inorganics, and PCDDs/PCDFs.

Figures

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engineers & scientists

LEGEND:

- FORMER OXBOW AREAS A AND C 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 AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.

0 1000' 2000'

APPROXIMATE SCALE

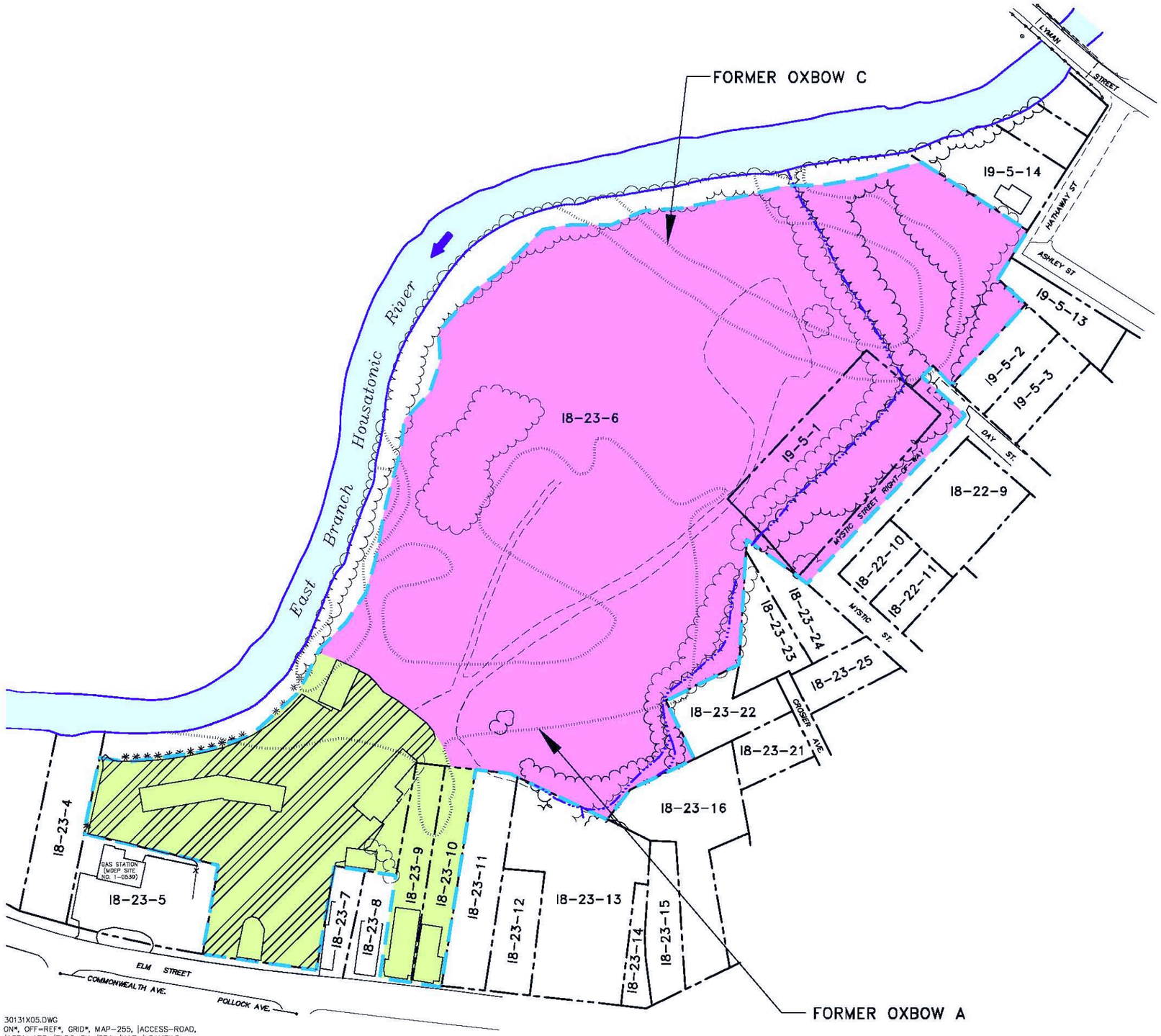
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS A AND C
PRE-DESIGN INVESTIGATION REPORT

SITE LOCATION

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

FIGURE 1

L: ON=*, OFF=REF
P: PAGESET/PLT-BL
8/14/03 SYR-85-LAF RLP GMS
N/30131001/30131G17.DWG



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L: ON*, OFF=REF*, GRID*, MAP-255, |ACCESS-ROAD, |AREA-ADD, |BLDG-SH, |EPA, |HAT, |LOAMPILE, |PLSCAN, |REACH, |REACH-BOUND, |SP-SB-EX, |SP-SS-EX, |STREAM-INT
P: PAGESET/PLT-BL
8/14/03 SYR-85-LJP DMW GMS
N/30131001/30130G18.DWG

LEGEND:

- EDGE OF WATER
- STREAMS WITH INTERMITTENT FLOW
- PAVED ROADWAY
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- PAVED AREA
- RECREATIONAL PROPERTY (NON-GE OWNED)
- COMMERCIAL/INDUSTRIAL PROPERTY (NON-GE OWNED)

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE ON AUGUST 22, 2002.
3. PROPERTY USE DESIGNATIONS REFLECT CURRENT AND FORESEEABLE FUTURE USE.

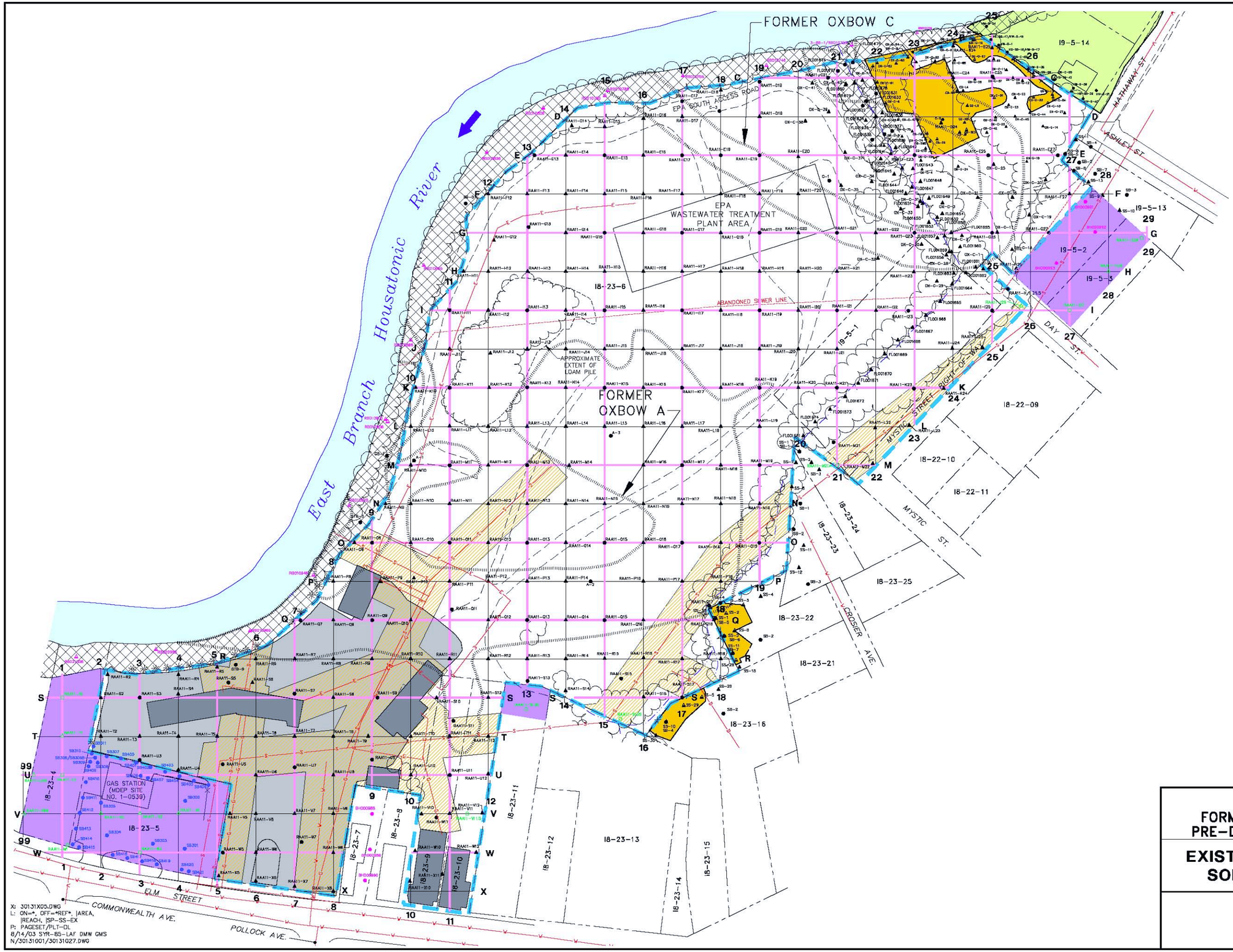
0 150' 300'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
FORMER OXBOW AREAS A AND C
PRE-DESIGN INVESTIGATION REPORT

SITE PLAN

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE
2



LEGEND:

- EDGE OF WATER
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- BUILDING
- PAVED AREA
- AREA INCLUDED AS PART OF 1 1/2-MILE REACH REMOVAL ACTION
- GAS LINE (APPROXIMATE LOCATION)
- SANITARY SEWER LINE (APPROXIMATE LOCATION)
- STORM DRAIN LINE (APPROXIMATE LOCATION)
- WATER LINE (APPROXIMATE LOCATION)
- UNDERGROUND ELECTRIC LINE (APPROXIMATE LOCATION)
- SURFACE SOIL SAMPLE LOCATION
- REMOVED SURFACE SOIL SAMPLE LOCATION (0- TO 1-FOOT DEPTH) AS PART OF PRIOR REMEDIATION ACTIVITIES
- SOIL BORING LOCATION
- 1 1/2-MILE BANK SOIL SAMPLES (EPA DATA)
- SOIL BORING LOCATION (EPA DATA AT ADJACENT PROPERTY)
- SAMPLING LOCATION FROM ELM STREET MOBIL INVESTIGATIONS
- PROPOSED SURFACE SOIL SAMPLE LOCATION
- PROPOSED SOIL BORING SAMPLE LOCATION
- AREA PREVIOUSLY REMEDIATED (0- TO 1-FOOT DEPTH)
- AREA PREVIOUSLY REMEDIATED (AREA SPECIFIC - RANGED FROM 0- TO 12-FOOT MAXIMUM DEPTH)
- APPROXIMATE LOCATION OF BAND SURROUNDING SUBSURFACE UTILITIES (25 FEET WIDE ON EACH SIDE OF UTILITY)
- 50-FOOT SAMPLING GRID
- 100-FOOT SAMPLING GRID
- AREA SUBJECT TO ADDITIONAL INVESTIGATION

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE ON AUGUST 22, 2002.
3. UTILITY LOCATION INFORMATION OBTAINED FROM CITY OF PITTSFIELD ENGINEER'S OFFICE ON AUGUST 22, 2002.
4. PROPERTY USE DESIGNATIONS REFLECT CURRENT AND FORESEEABLE FUTURE USE.
5. WATER TREATMENT PLANT FOOTPRINT BASED ON MAP SUBMITTED TO BBL BY WESTON ON JULY 3, 2002.
6. ACCESS ROAD LOCATION BASED ON 1 1/2-MILE REMOVAL ACTION - FIRST REACH ENVIRONMENTAL REMEDIATION CONTRACT DRAWING NOs. 4 AND 5, DATED NOVEMBER 30, 2002.

0 60' 120'
GRAPHIC SCALE

X: 30131X05.DWG
L: ON=*, OFF=*REF*, |AREA, |REACH, |SP-SS-EX
P: PAGESET/PLT-DL
8/14/03 SYR-85-LAF DMW GMS
N/30131001/30131G27.DWG

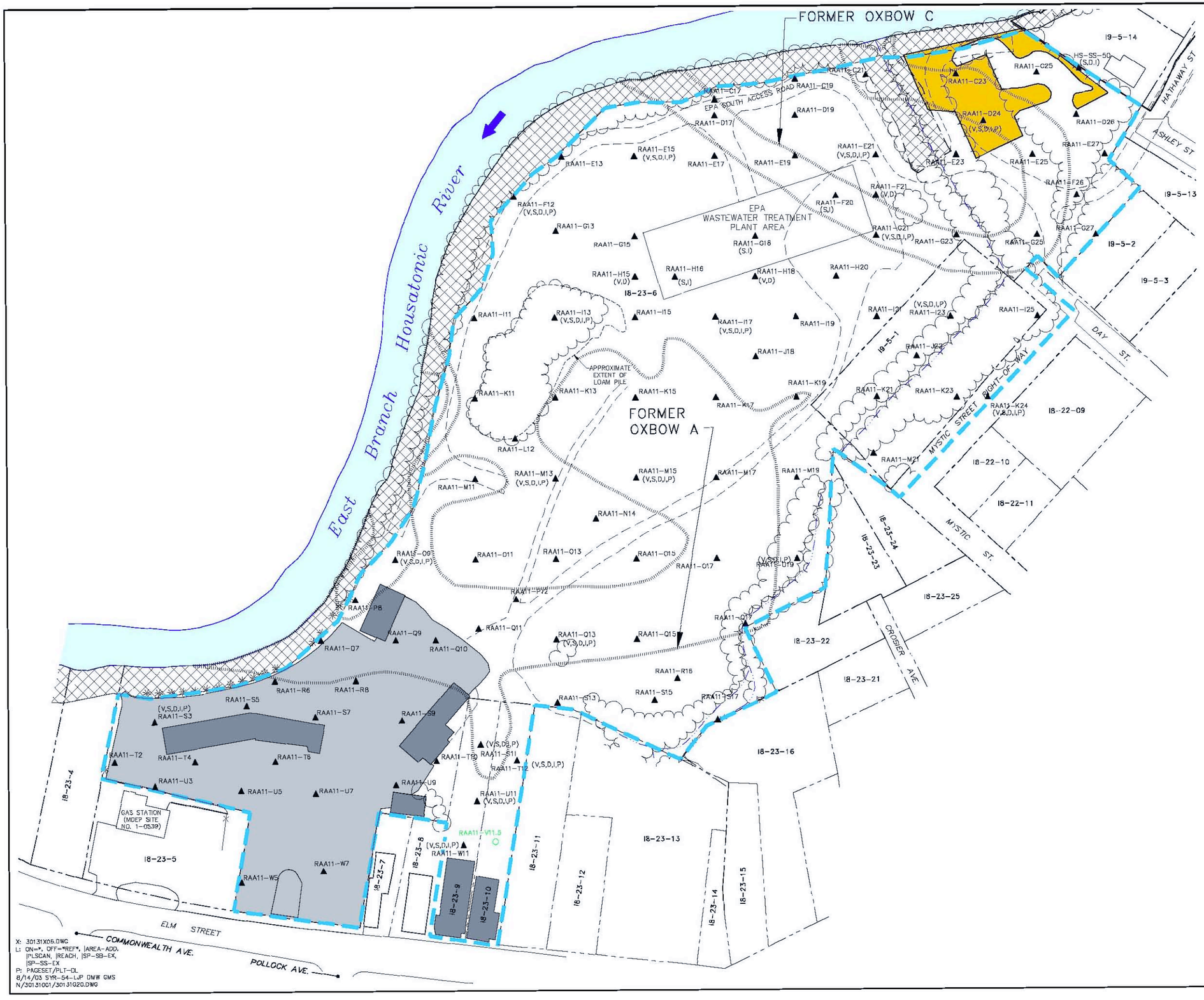
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

FORMER OXBOW AREAS A AND C
PRE-DESIGN INVESTIGATION REPORT

EXISTING AND PROPOSED PCB SOIL SAMPLE LOCATIONS

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

FIGURE 3



LEGEND:

- EDGE OF WATER
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- BUILDING
- PAVED AREA
- AREA INCLUDED AS PART OF 1 1/2-MILE REACH REMOVAL ACTION AREA
- ▲ SURFACE SOIL SAMPLE LOCATION
- ● SOIL BORING LOCATION
- ○ PROPOSED SOIL BORING LOCATION
- AREA PREVIOUSLY REMEDIATED (0- TO 1-FOOT DEPTH)

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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V = VOLATILE ORGANIC COMPOUNDS (VOCs)
S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
I = INORGANICS
P= PESTICIDES/HERBICIDES

0 60' 120'
GRAPHIC SCALE

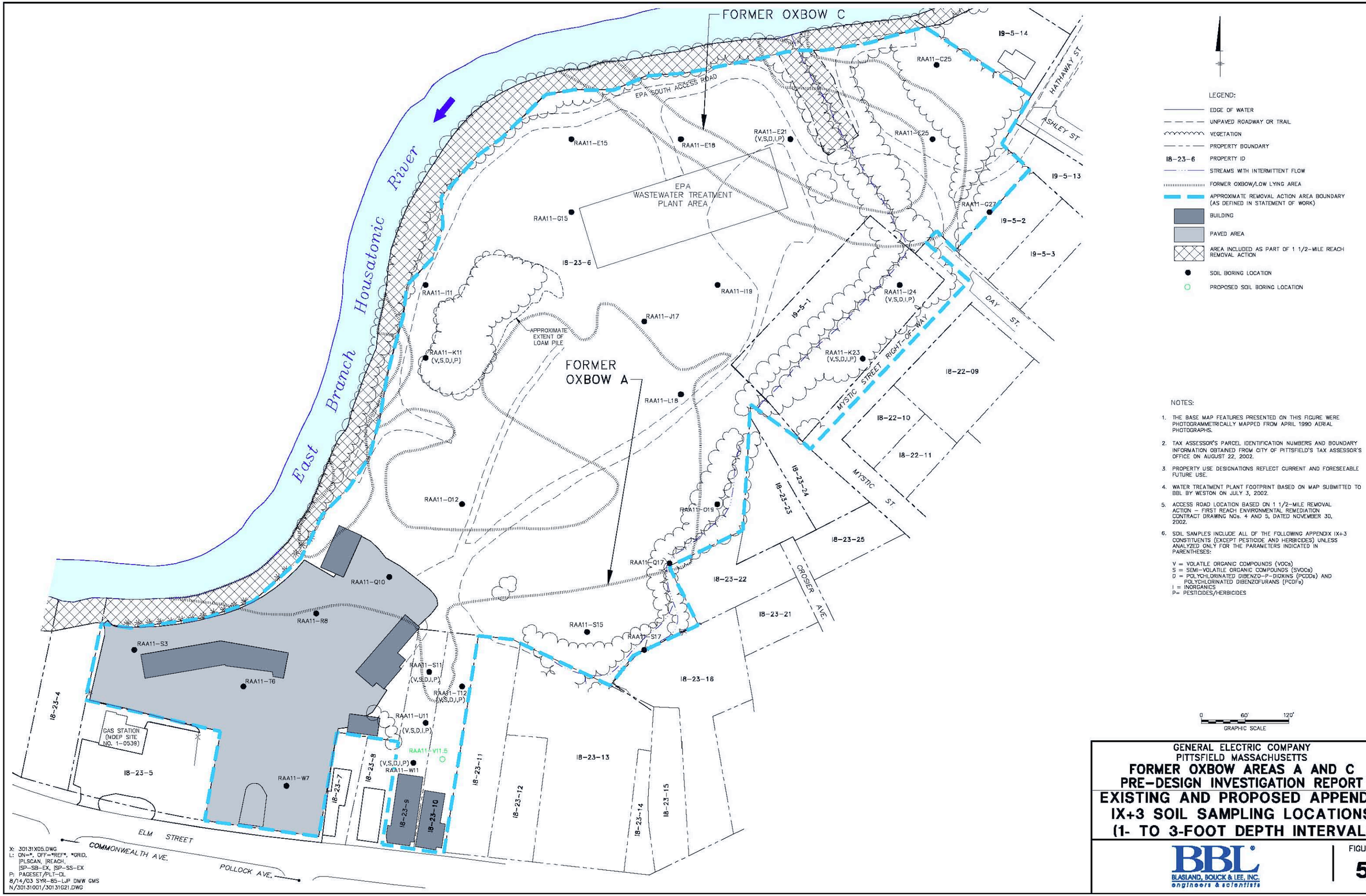
X: 30131X05.DWG
L: ON=*, OFF=*REF*, |AREA-ADD, |FLSCAN, |REACH, |SP-SB-EX, |SP-SS-EX
P: PAGESET/PLT-DL
8/14/03 SYR-54-LJP DMW GMS
N/30131001/30131G20.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

FORMER OXBOW AREAS A AND C
PRE-DESIGN INVESTIGATION REPORT
EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLING LOCATIONS (0- TO 1-FOOT DEPTH INTERVAL)

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

FIGURE 4



LEGEND:

- EDGE OF WATER
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- BUILDING
- PAVED AREA
- AREA INCLUDED AS PART OF 1 1/2-MILE REACH REMOVAL ACTION
- SOIL BORING LOCATION
- PROPOSED SOIL BORING LOCATION

NOTES:

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I = INORGANICS
P= PESTIDIDES/HERBICIDES

0 60' 120'
GRAPHIC SCALE

X: 30131X05.DWG
L: ON=*, OFF=*REF*, *GRID, |PLSCAN, |REACH, |SP-SB-EX, |SP-SS-EX
P: PAGESET/PLT-DL
8/14/03 SYR-BS-LJP DMW GMS
N/30131001/30131G21.DWG

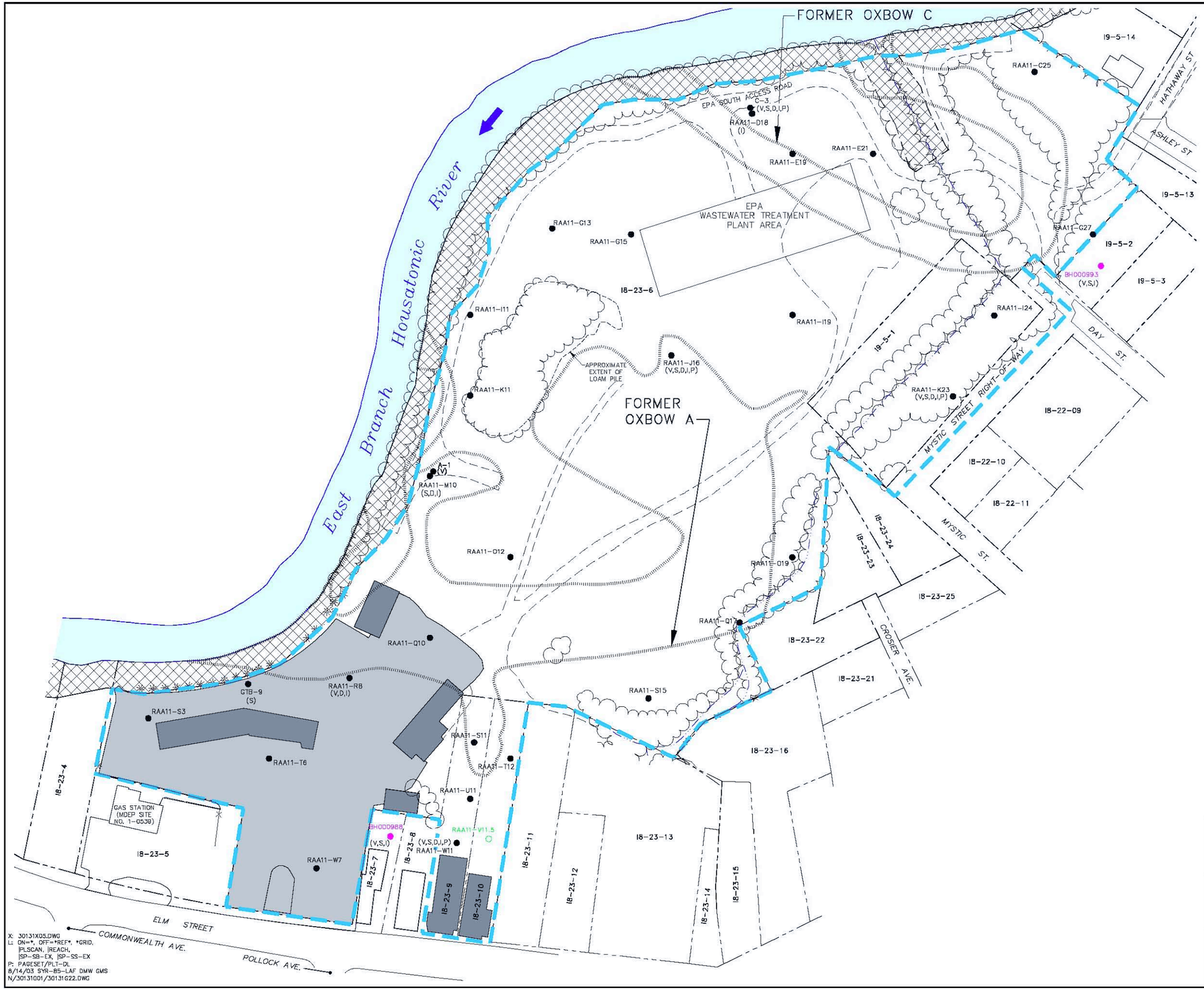
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

FORMER OXBOW AREAS A AND C PRE-DESIGN INVESTIGATION REPORT

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLING LOCATIONS (1- TO 3-FOOT DEPTH INTERVAL)

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

FIGURE 5



LEGEND:

- EDGE OF WATER
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- BUILDING
- PAVED AREA
- AREA INCLUDED AS PART OF 1 1/2-MILE REACH REMOVAL ACTION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (EPA DATA AT ADJACENT PROPERTY)
- PROPOSED SOIL BORING LOCATION

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
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S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
I = INORGANICS
P= PESTICIDES/HERBICIDES

0 60' 120'
GRAPHIC SCALE

X: 30131X05.DWG
L: ON=*, OFF=*REF*, *GRID, |PLSCAN, |REACH, |SP-SB-EX, |SP-SS-EX
P: PAGESET/PLT-DL
8/14/03 SYR-BS-LAF DMW GMS
N/30131001/30131G22.DWG

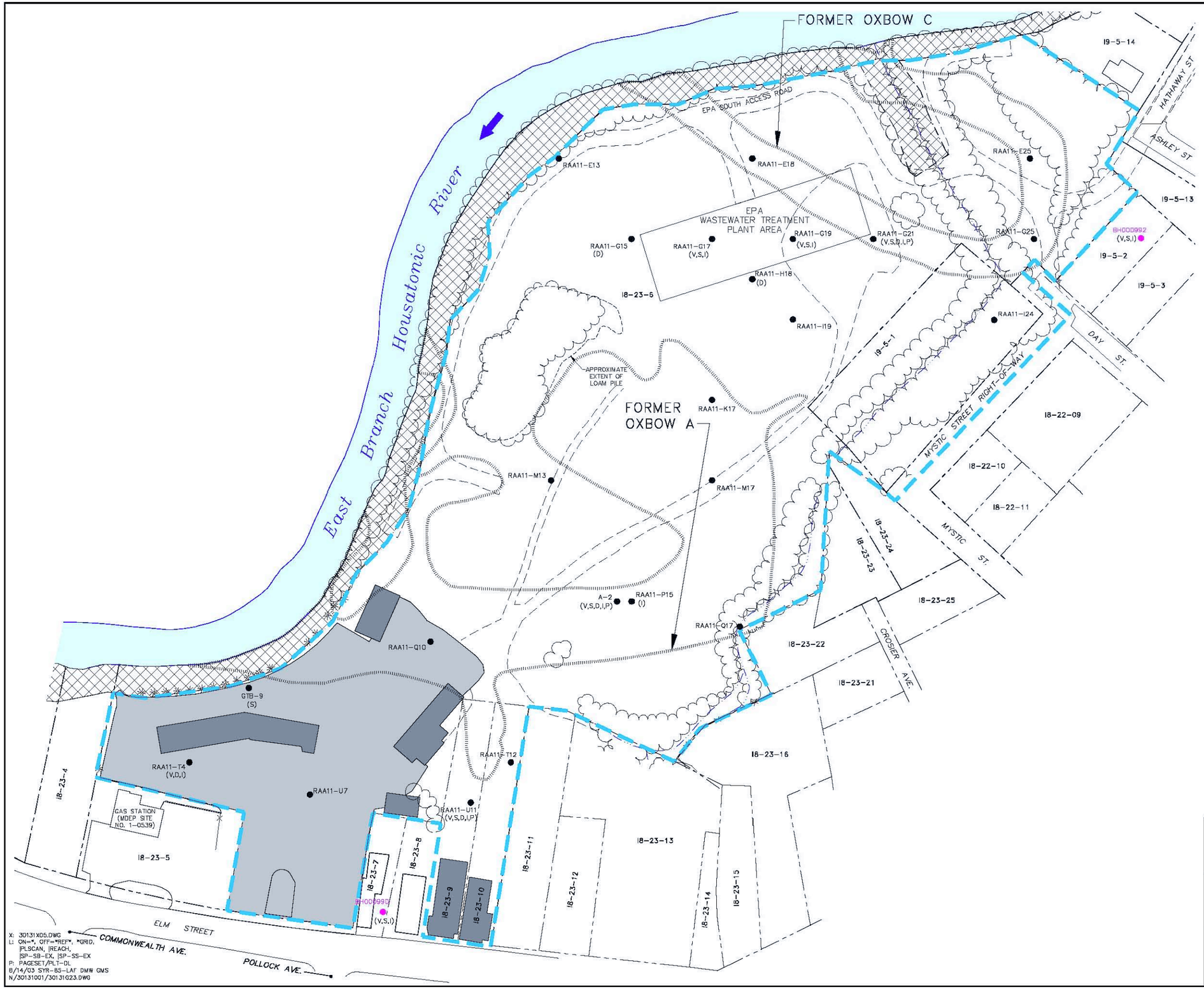
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

FORMER OXBOW AREAS A AND C PRE-DESIGN INVESTIGATION REPORT

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLING LOCATIONS (3- TO 6-FOOT DEPTH INTERVAL)

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

FIGURE 6



LEGEND:

- EDGE OF WATER
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- BUILDING
- PAVED AREA
- AREA INCLUDED AS PART OF 1 1/2-MILE REACH REMOVAL ACTION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (EPA DATA AT ADJACENT PROPERTY)

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE ON AUGUST 22, 2002.
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6. SOIL SAMPLES INCLUDE ALL OF THE FOLLOWING APPENDIX IX+3 CONSTITUENTS (EXCEPT PESTICIDE AND HERBICIDES) UNLESS ANALYZED ONLY FOR THE PARAMETERS INDICATED IN PARENTHESES:

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   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS
   P= PESTICIDES/HERBICIDES

0 60' 120'
GRAPHIC SCALE

X: 30131X05.DWG
L: ON=*, OFF=*REF*, *GRID, |PLSCAN, |REACH, |SP-SB-EX, |SP-SS-EX
P: PAGESET/PLT-DL
8/14/03 SYR-BS-LAF DMW GMS
N:/30131001/30131G23.DWG

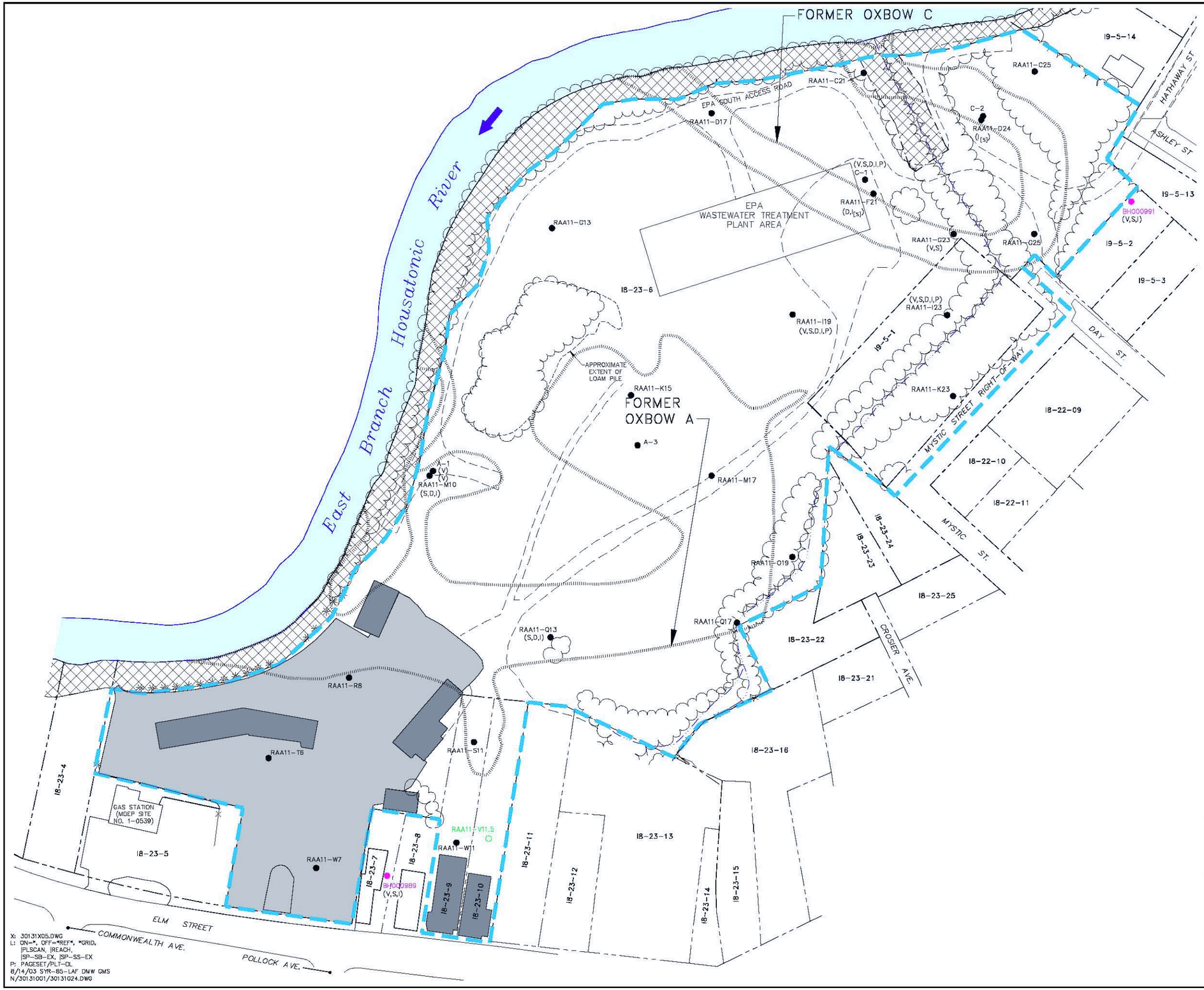
GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

FORMER OXBOW AREAS A AND C PRE-DESIGN INVESTIGATION REPORT

EXISTING APPENDIX IX+3 SOIL SAMPLING LOCATIONS (6- TO 10-FOOT DEPTH INTERVAL)

BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 7



LEGEND:

- EDGE OF WATER
- UNPAVED ROADWAY OR TRAIL
- VEGETATION
- PROPERTY BOUNDARY
- 18-23-6 PROPERTY ID
- STREAMS WITH INTERMITTENT FLOW
- FORMER OXBOW/LOW LYING AREA
- APPROXIMATE REMOVAL ACTION AREA BOUNDARY (AS DEFINED IN STATEMENT OF WORK)
- BUILDING
- PAVED AREA
- AREA INCLUDED AS PART OF 1 1/2-MILE REACH REMOVAL ACTION
- SOIL BORING LOCATION
- SOIL BORING LOCATION (EPA DATA AT ADJACENT PROPERTY)
- PROPOSED SOIL BORING LOCATION

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE ON AUGUST 22, 2002.
3. PROPERTY USE DESIGNATIONS REFLECT CURRENT AND FORESEEABLE FUTURE USE.
4. WATER TREATMENT PLANT FOOTPRINT BASED ON MAP SUBMITTED TO BBL BY WESTON ON JULY 3, 2002.
5. ACCESS ROAD LOCATION BASED ON 1 1/2-MILE REMOVAL ACTION - FIRST REACH ENVIRONMENTAL REMEDIATION CONTRACT DRAWING NOs. 4 AND 5, DATED NOVEMBER 30, 2002.
6. SOIL SAMPLES INCLUDE ALL OF THE FOLLOWING APPENDIX IX+3 CONSTITUENTS (EXCEPT PESTICIDE AND HERBICIDES) UNLESS ANALYZED ONLY FOR THE PARAMETERS INDICATED IN PARENTHESES:

   V = VOLATILE ORGANIC COMPOUNDS (VOCs)
   S = SEMI-VOLATILE ORGANIC COMPOUNDS (SVOCs)
   D = POLYCHLORINATED DIBENZO-P-DIOXINS (PCDDs) AND POLYCHLORINATED DIBENZOFURANS (PCDFs)
   I = INORGANICS
   P= PESTICIDES/HERBICIDES

7. ([S]) = SAMPLE WAS COLLECTED FOR SULFIDE ANALYSIS ONLY.

0 60' 120'
GRAPHIC SCALE

X: 30131X05.DWG
L: ON=*, OFF=*REF*, *GRID, |PLSCAN, |REACH, |SP-SB-EX, |SP-SS-EX
P: PAGESET/PLT-DL
8/14/03 SYR-BS-LAF DNW GMS
N/30131001/30131G24.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD MASSACHUSETTS

FORMER OXBOW AREAS A AND C PRE-DESIGN INVESTIGATION REPORT

EXISTING AND PROPOSED APPENDIX IX+3 SOIL SAMPLING LOCATIONS (10- TO 15-FOOT DEPTH INTERVAL)

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

FIGURE 8

Attachment

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

Attachment A

Elm Street Mobil Station PCB Data

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engineers & scientists

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA - PCBs (October 7, 2002)

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts

All results reported in milligrams per kilogram (mg/kg)

Soil Sample* Identification	Sample Depth (fbg)	PCBs Arochlor 1260
MCP Method 1 Soil Standards GW-2/GW-3:		2/2
GES-201	2	<0.10
GES-202		<0.11
GES-203		<0.11
GES-204		<0.11
GES-205		1.96[a]
GES-206		<0.11
GES-207		<0.11
GES-208		<0.11

Notes:

fbg = feet below grade.

PCBs = Polychlorinated Biphenyls analyzed according to EPA Method 8082, only Arochlor 1260 was detected.

MCP = Massachusetts Contingency Plan 310 CMR 40.0000.

*Associated with site area wells/borings not shown on the Soil Sample Location Map.

TABLE 2
SUMMARY OF SOIL ANALYTICAL DATA - PCBs (October 30, 2002)

Former Mobil Service Station No. 01-ECQ
83 Elm Street
Pittsfield, Massachusetts

Subsurface Investigation October 2002

All results reported in milligrams per kilogram (mg/kg)

Soil Sample Identification	SB-301	SB-302	SB-303	SB-304	SB-305	SB-306	MCP Method 1 Soil Standards
Depth Sampled (fbg)	2-3						S-2 GW-2/GW-3
PCBs							
Arochlor 1254	<0.11	<0.11	<0.11	<0.11	<0.11	**10.1**	2/2
Arochlor 1260	<0.11	<0.11	<0.11	<0.11	<0.11	**34.8**	2/2
VOCs							
Acetone	NS	NS	NS	NS	NS	1.36 B	60

Notes:

PCBs = Polychlorinated Biphenyls analyzed according to EPA Method 8082, only Arochlor 1260 was detected.

VOCs = volatile organic compounds analyzed according to USEPA Method 8260B.

MCP = Massachusetts Contingency Plan 310 CMR 40.0000.

a = Result is from Run #2

fbg = feet below grade.

Bold = Exceeds MCP Method 1 Soil Standards.

B = Analyte detected in laboratory method blank.

NS = not sampled or analyzed.

TABLE 3
SUMMARY OF SOIL ANALYTICAL DATA - PCBs (February 7, 2003)

Former Mobil Service Station No. 01-ECQ
83 Elm Street
Pittsfield, Massachusetts

Subsurface Investigation February 2003

All results reported in milligrams per kilogram (mg/kg)

Soil Sample Identification	SB-306B	SB-307	SB-308	SB-309	SB-310	SB-311	MCP Method 1 Soil Standards
Depth Sampled (fbg)	0.5 - 1						S-2 GW-2/GW-3
PCBs							
Arochlor 1016	<0.13	<0.11	<0.13	<0.13	<0.13	<0.12	2/2
Arochlor 1221	<0.13	<0.11	<0.13	<0.13	<0.13	<0.12	2/2
Arochlor 1232	<0.13	<0.11	<0.13	<0.13	<0.13	<0.12	2/2
Arochlor 1242	<0.13	<0.11	<0.13	<0.13	<0.13	<0.12	2/2
Arochlor 1248	<0.13	<0.11	<0.13	<0.13	<0.13	<0.12	2/2
Arochlor 1254	<0.13	<0.11	<0.13	<0.13	<0.13	<0.12	2/2
Arochlor 1260	**16.7**[a]	**3.21**[a]	**36.3**[a]	**32.5**[a]	**32.7**[a]	**41.0**[a]	2/2

Notes:

PCBs = Polychlorinated Biphenyls via EPA Method 8082, only Arochlor 1260 was detected.

MCP = Massachusetts Contingency Plan 310 CMR 40.0000.

a = Result is from Run #2

fbg = feet below grade.

Bold = Exceeds MCP Method 1 Soil Standards

TABLE 4
SUMMARY OF SOIL ANALYTICAL DATA - PCBs (May 9, 2003)

Former Mobil Service Station No. 01-ECQ
83 Elm Street
Pittsfield, Massachusetts

Subsurface Investigation May 2003

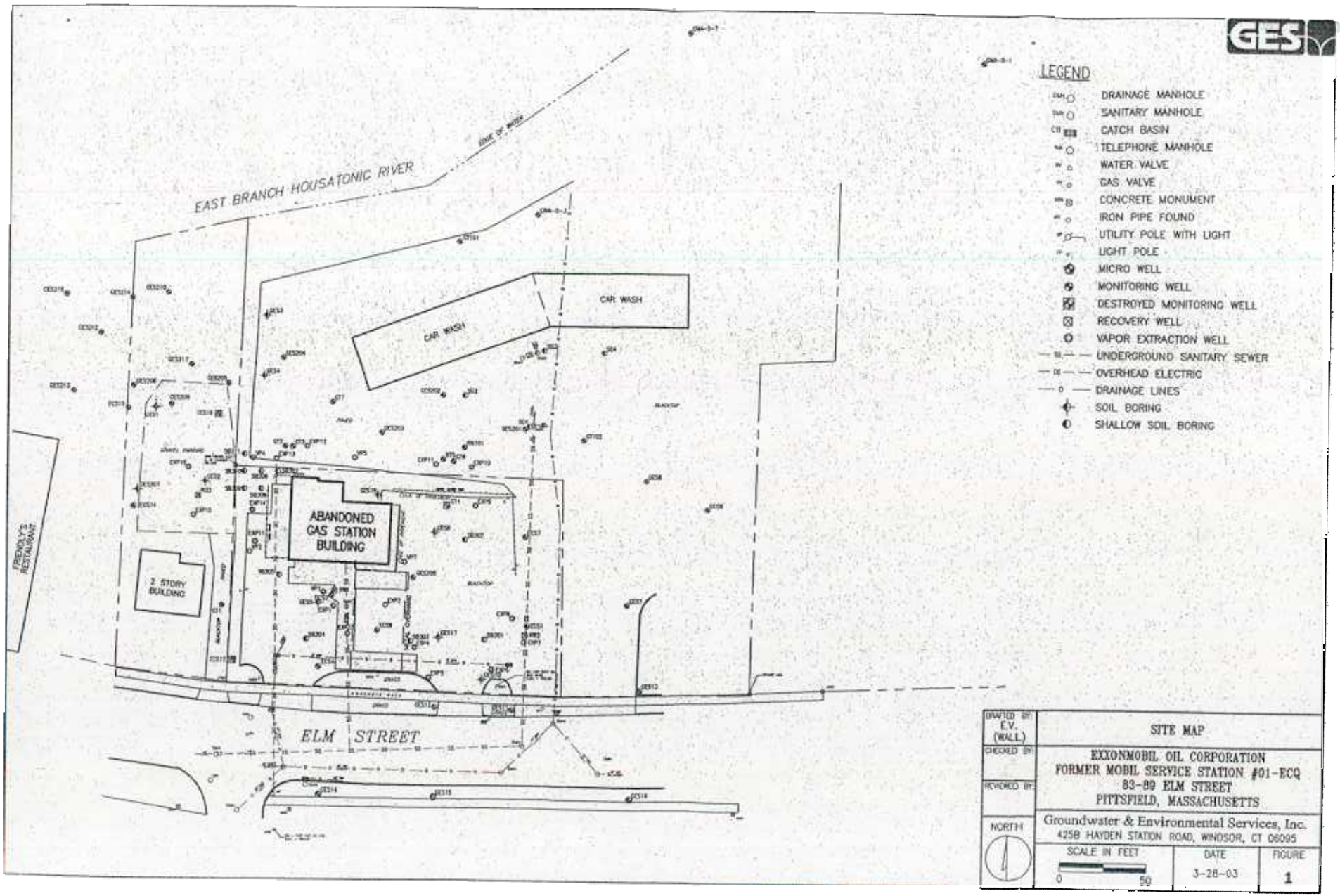
All results reported in milligrams per kilograms (mg/kg)

Soil Sample Identification	Depth Sampled (fbg)	PCBs						
		Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260
MCP Method 1 Soil Standards S-2/GW-2/GW-3		2/2	2/2	2/2	2/2	2/2	2/2	2/2
SB-400	0.5 - 1	<0.11	<0.11	<0.11	<0.11	<0.11	0.320 [a]	1.83 [b]
SB-401		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.307
SB-402		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.355
SB-403		<0.11	<0.11	<0.11	<0.11	<0.11	0.762 [a]E	**4.36** [b]
SB-404		<0.11	<0.11	<0.11	<0.11	<0.11	0.999 [a]E	**6.46** [b]
SB-405		<0.11	<0.11	<0.11	<0.11	<0.11	0.367 [a]	**2.41** [b]
SB-406		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.681
SB-407		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.121
SB-408		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.276
SB-409		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.209
SB-410		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
SB-411		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
SB-412		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
SB-413		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
SB-414		<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.471
SB-415		<0.11	<0.11	<0.11	<0.11	<0.11	2.9 [a]E	**10.3** [b]
SB-416		<0.12	<0.12	<0.12	<0.12	<0.12	3.06 [a]E	**16.3** [b]
SB-417		<0.12	<0.12	<0.12	<0.12	<0.12	5.26 [a]E	**21.5** [b]
SB-418		<0.12	<0.12	<0.12	<0.12	<0.12	6.96 [a]E	**28.3** [b]
SB-419		<0.12	<0.12	<0.12	<0.12	<0.12	5.03 [a]E	**21.7** [b]
SB-420		<0.12	<0.12	<0.12	<0.12	<0.12	5.02 [a]E	**21.7** [b]
SB-421		<0.12	<0.12	<0.12	<0.12	<0.12	6.86 [a]	**18.4** [b]

Notes:

PCBs = Polychlorinated Biphenyls analyzed according to EPA Method 8082, only Arochlor 1260 was detected
MCP = Massachusetts Contingency Plan 310 CMR 40.0000
fbg = feet below grade
Bolded value indicates concentration above MCP Method 1 Soil Standards.

[a] = Estimated value due to the presence of other Arochlor pattern.
[b] = Result is from Run # 2.
E = Indicates value exceeds calibration range.


EAST BRANCH HOUSATONIC RIVER
EDGE OF WATER
CAR WASH
CAR WASH
ABANDONED GAS STATION BUILDING
2 STORY BUILDING
PREVOLY'S RESTAURANT
ELM STREET
LEGEND
DRAINAGE MANHOLE
SANITARY MANHOLE
CATCH BASIN
TELEPHONE MANHOLE
WATER VALVE
GAS VALVE
CONCRETE MONUMENT
IRON PIPE FOUND
UTILITY POLE WITH LIGHT
LIGHT POLE
MICRO WELL
MONITORING WELL
DESTROYED MONITORING WELL
RECOVERY WELL
VAPOR EXTRACTION WELL
UNDERGROUND SANITARY SEWER
OVERHEAD ELECTRIC
DRAINAGE LINES
SOIL BORING
SHALLOW SOIL BORING
DRAFTED BY: E.V. (WALL)
CHECKED BY:
REVIEWED BY:
NORTH
SITE MAP
EXXONMOBIL OIL CORPORATION
FORMER MOBIL SERVICE STATION #01-ECQ
83-89 ELM STREET
PITTSFIELD, MASSACHUSETTS
Groundwater & Environmental Services, Inc.
425B HAYDEN STATION ROAD, WINDSOR, CT 06095
SCALE IN FEET
0
50
DATE
3-28-03
FIGURE
1