01-0699

SDMS 204532

Transmitted Via Overnight Delivery

February 18, 2004

Mr. Michael Nalipinski
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
Unkamet Brook Area (GECD170)
Interim Pre-Design Investigation Report and Additional Pre-Design Investigation Proposal

Dear Mr. Nalipinski:

In November 2002, pursuant to the Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site, the General Electric Company (GE) submitted to the U.S. Environmental Protection Agency (EPA) a document titled *Pre-Design Investigation Work Plan for Unkamet Brook Area Removal Action*. That work plan described the investigations proposed by GE to gather data on existing soil and sediment conditions within the Unkamet Brook Area Removal Action Area (RAA) and to support future Removal Design/Removal Action (RD/RA) evaluations for this RAA. In a conditional approval letter dated March 10, 2003, EPA directed GE to revise that work plan to address a number of conditions in EPA's letter. Accordingly, in May 2003, GE submitted a *Revised Pre Design Investigation Work Plan for Unkamet Brook Area Removal Action*. EPA conditionally approved that revised work plan in a letter dated July 17, 2003, which required certain further changes in the proposed investigations. In response, GE submitted a letter dated July 30, 2003, which addressed each of the conditions in EPA's July 17, 2003 approval letter and confirmed the scope of the revised soil/sediment pre-design investigations at the Unkamet Brook Area. GE's July 30, 2003 response letter was approved by EPA in a letter dated August 19, 2003. The May 2003 revised work plan, as modified by GE's July 30, 2003 response letter, is referred to herein as the "PDI Work Plan."

The PDI Work Plan provided that, in four areas within the Unkamet Brook Area, GE would conduct an iterative sampling approach, in which the results of certain initial sampling would be evaluated to assess the need for additional investigations. These four areas are the Decorative Pond, the Unkamet Brook sediments, the inundated wetland areas, and areas containing subsurface utilities in GE-owned industrial areas. The PDI Work Plan provided further that, within six months of EPA's final approval (issued on August 19, 2003), GE

would submit an Interim Pre-Design Investigation Report summarizing the initial investigations conducted in those four areas and assessing the need for and scope of additional investigations in those areas. This letter constitutes the Interim Pre-Design Investigation Report (Interim PDI Report) for those four areas.

1.0 Summary of Initial Pre-Design Investigation Activities

The initial EPA-approved pre-design investigations in the four areas identified above were conducted from May 28 through November 17, 2003. To accommodate the performance of future facility upgrades within the portion of the RAA used by General Dynamics, certain activities proposed in the PDI Work Plan were verbally approved by EPA in advance of EPA's August 19, 2003 written approval letter, and subsequently initiated by GE. Field activities were performed by Blasland, Bouck & Lee, Inc. (BBL), on behalf of GE, with analytical services provided by CT&E Environmental Services, Inc and CompuChem Environmental Corporation. During GE's performance of these pre-design investigations, Weston Solutions, Inc. (Weston) conducted oversight activities on behalf of EPA, including collection and analysis of split and supplemental samples.

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 samples collected by GE for PCB analysis during the pre-design investigation 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 parts per million (ppm) for all Aroclors. In addition, select soil samples collected by GE were analyzed for the constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides), plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3), as proposed in the PDI Work Plan. For these Appendix IX+3 analyses, GE utilized methods and reporting limits consistent with those presented in the FSP/QAPP. In addition, certain soil samples were provided to Weston for additional Appendix IX+3 analyses on behalf of EPA.

A summary of samples collected and analyses performed as part of these pre-design activities is presented in Table 1, and the sampling locations are shown on Figures 2 (North Area), 3 (West Area), and 4 (East Area). This Interim PDI Report includes only the results of the sampling in the four above-mentioned areas addressed by this report. In total, the pre-design soil sampling efforts in these areas (including the combined efforts of GE and EPA) involved the collection and analyses of approximately 450 soil and sediment samples (including duplicate samples) from approximately 165 locations. The remaining data from the pre-design

investigations will be submitted as part of the final Pre-Design Investigation Report (Pre-Design Report) in accordance with the schedule discussed in Section 3 below.

1.1 Modifications to Pre-Design Sampling and Analysis Activities

In general, the sample locations, frequencies, depths, and analytes associated with this portion of the pre-design investigations were consistent with the EPA-approved investigations. However, certain modifications to the sampling and analysis program outlined in the PDI Work Plan were implemented based on field conditions and observations and/or based on communications with EPA. The following modifications to the work scope identified in the PDI Work Plan were implemented, with the concurrence of EPA field representatives:

- Refusal was encountered during drilling at 16 locations. At these locations, in accordance with the procedures agreed upon between EPA and GE, GE made several attempts to drill beyond the point of refusal, both at the original location and at other nearby locations. The depths at which refusal was encountered are referenced in Table 1.

- Twenty-one sample locations were relocated slightly due to field conditions, as summarized in Table 1.

- EPA requested that several soil samples in the west portion of the Unkamet Brook Area not be collected and analyzed as originally proposed due to field conditions (i.e., surface topography). These locations and analyses are summarized in Table 2.

1.2 Summary of Initial Pre-Design Data

The PCB results and detected Appendix IX+3 constituents from the pre-design samples collected by GE from the four areas addressed by this report are summarized in Tables 3 and 4, respectively. These data have undergone data validation in accordance with the approved FSP/QAPP and a summary of that data validation will be included in the final Pre-Design Report. This data validation process did not identify any significant issues with the GE pre-design data, finding that greater than 99% of those data are usable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP. The EPA data for PCBs and detected Appendix IX constituents are summarized in Tables 5 and 6, respectively. In addition, the PCB data from these pre-design investigations, as well as the PCB data from prior, historical investigations and

previously determined to be usable, are summarized on Figures 2 through 4. A complete listing of the Appendix IX+3 laboratory results for GE's and EPA's pre-design samples, related sampling information (e.g. soil boring logs), and historical data previously determined to be usable will be compiled and presented in the future Pre-Design Report. That report will summarize the results of all pre-design investigations within the Unkamet Brook Area, including the results of activities completed up to the present time, additional sampling proposed in the PDI Work Plan but not yet performed, and the additional sampling proposed in this Interim PDI Report.

2.0 Assessment of Initial Pre-Design Data, Identification of Data Needs, and Proposals for Additional Investigations

The initial assessment activities for the four areas addressed by this report focused primarily on the PCB data from those areas. For each such area subject to the initial pre-design investigations, the PCB results summarized in Tables 3 and 5 and on Figures 2 through 4 have been evaluated consistent with the approaches outlined in the PDI Work Plan. These evaluations were conducted to determine whether the recent data are sufficient for RD/RA evaluations and the performance of future remediation activities, or whether additional sampling is needed. A summary for each area is presented below.

2.1 Decorative Pond

The Decorative Pond, constructed in the early 1980s as part of construction of the GE Plastics Technology Center expansion, was subject to initial assessment activities as outlined in the approved PDI Work Plan. Despite the lack of any specific Performance Standards in the CD for the Decorative Pond, the PDI Work Plan identified an iterative process for assessing sediments within the Decorative Pond. Specifically, GE proposed first to inspect the flow-control structures associated with the piping between the Decorative Pond and Unkamet Brook to assess the presence of accumulated sediments within those structures. If accumulated sediments were present within the control structures, GE proposed to sample the sediments for PCBs and report the results in the Interim PDI Report. If no accumulated sediments were observed within the flow-control structures, GE proposed to measure the sediment thickness in the pond and report those measurements in the Interim PDI Report. If PCBs were detected in the accumulated sediments in the flow-control structures or if sediments were not observed in the flow-control structures, GE proposed to evaluate the need for and scope of any additional sampling of surficial sediments within the Decorative Pond for PCBs, and, if appropriate, to present a proposal and schedule for such sampling.

On September 16, 2003, GE visually inspected the flow-control structures located adjacent to the pond for evidence of accumulated debris within the structures. GE discovered accumulations of sediments and debris within these structures and therefore proceeded to collect a sample of the accumulated sediment/debris for PCB analysis (sample RAA10-N-DPO; Figure 2). A PCB concentration of 1.59 ppm was reported by the analytical laboratory.

Pursuant to the PDI Work Plan, GE has evaluated the need for and scope of any additional sampling of surficial sediments within the Decorative Pond for PCBs. Based on that evaluation, GE has determined that further investigation of the Decorative Pond is not warranted at this time. That determination is based on the following factors:

- The concentration of PCBs found in the accumulated sediment/debris within the flow-control structures is quite low (less than 2 ppm).

- The timeframe over which the sediment/debris has accumulated within the structures is uncertain.

- There is a reasonable likelihood that the accumulated sediment/debris present in the flow-control structures may have come from Unkamet Brook (rather than the Decorative Pond) and been retained in the flow-control structures. This likelihood is supported by the following:

  - At the time of the field reconnaissance, the Unkamet Brook end of the piping connecting to the flow-control structures was partially submerged in the brook sediment. As a result, during the times when flow is from the brook toward the pond, a sediment migration pathway exists.

  - PCB concentrations within the Unkamet Brook sediments in this area are consistent with PCB levels detected in the flow-control structures. As noted above, the PCB level detected in sample RAA10-N-DPO from the flow-control structure sediments was 1.59 ppm. The PCB level detected in sample RAA10-UB-02, collected from Unkamet Brook sediments near the pipe leading to the Decorative Pond was 0.69 ppm.

  - The flow of Unkamet Brook is frequently disturbed by beaver dams that cause water levels in the brook to increase. Such increases, in turn, would cause water to flow from Unkamet Brook to

the Decorative Pond. GE currently monitors the brook on a weekly basis for beaver dams and often finds and removes the dams as part of these monitoring activities.

- Drainage into the Decorative Pond itself is mainly from paved areas.

In these circumstances, in lieu of performing an investigation of the Decorative Pond, GE proposes to implement a routine maintenance and inspection program. Specifically, GE proposes to clean out the flow-control structures and pipelines connecting these structures to Unkamet Brook in summer 2004. Prior to disposal of the removed materials, GE will collect a sample for disposal characterization and will report these findings in the CD Monthly Status Report. Subsequently, GE will monitor the flow-control structures annually for sediment accumulation. If, during the annual inspection, it is discovered that sediments have accumulated in the flow-control structures, GE will remove, sample, and dispose of these sediments and report the results to USEPA.

2.2 Unkamet Brook Sediments

The *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E of the CD) establishes three separate reaches of Unkamet Brook as averaging areas for the evaluation of sediments within the brook: Areas 9J (north of Merrill Road), 9K (south of Merrill Road and north of the railroad tracks), and 9L (south of Merrill Road and the railroad tracks). For each of the three averaging areas, the CD and SOW require that GE calculate an exposure point concentration (EPC) for the top foot of sediment. The EPC for each averaging area is required to be either: (a) the spatial average PCB concentration, calculated as specified in Attachment E to the SOW, provided that PCB data are available from transects located along each reach with a minimum linear spacing of 25 feet; or (b) the 95% Upper Confidence Limit on the arithmetic mean (95% UCL) of the PCB data (or the maximum PCB concentration if the 95% UCL exceeds the maximum). If the PCB EPC in the top foot of sediments in each reach exceeds 1 ppm, GE is required to remove and replace brook sediments as necessary to achieve the PCB EPC.

In the PDI Work Plan, GE indicated that it would likely use the spatial averaging approach as the basis for calculating EPCs. However, GE also indicated that there were two sections of the brook where sampling was not necessary:

- For the section of the brook located within the Interior Landfill and subject to re-routing, there was no need for sampling and analysis since that section of the brook will be covered by the former Interior Landfill cap. Moreover, there is no need for sampling and analysis in the area where the re-routed brook will flow because GE intends to construct the new section of the brook in such a manner that the uppermost foot of the brook will consist of imported clean fill.

- For the existing section of the brook just downstream of the section to be re-routed, the existing PCB data were sufficient to conclude that sediment removal is necessary without further pre-design sampling.

Although some existing PCB data were available for the remaining sections of the brook, additional sampling was necessary to evaluate the possible need for remediation. For these sections of the brook, instead of initiating a comprehensive sampling program involving sampling on 25-foot transects, the PDI Work Plan included a plan to supplement the existing data set as needed to achieve an approximate 50-foot sampling transect spacing. The PDI Work Plan noted that, if the resulting data indicated that all or significant portions of the brook sediments in an averaging area contain PCB concentrations over 1 ppm, GE might determine, without further sampling, that removal of brook sediments in that area is necessary. Implementation of this program involved the collection of 12 samples (including duplicate samples), as summarized in Table 1.

The results of the recent pre-design sediment sampling identified PCB concentrations ranging from 0.39 to 40.2 ppm (see Table 3). Using these and prior PCB sediment data from the brook, GE has made an evaluation of the need for remediation. For this preliminary evaluation, in lieu of performing spatial average calculations, GE has calculated an arithmetic average of the available PCB data within each reach of the brook (a reasonable screening approach given the relatively uniform distribution of the existing data). The arithmetic average PCB concentrations based on the available data were calculated to be approximately 33 ppm for Area 9J, 9 ppm for Area 9K, and 10 ppm for Area 9L. Based on these averages, GE has concluded that remediation activities will be required for the entire length of each of the three reaches of the brook to achieve the 1 ppm PCB Performance Standard. Since GE thus expects to remove existing surface sediments within all three of these reaches, additional sampling of the brook sediments is not necessary and GE will therefore forgo any additional pre-design sediment sampling within Unkamet Brook.

2.3 Inundated Wetlands Soil

Under the SOW, there are two separate inundated (palustrine/emergent) wetland areas located within Parcel K12-9-1. These areas consist of a larger northern wetlands area (excluding the former Interior Landfill) (designated in the SOW as averaging Area 9G) and a smaller southern wetlands area (designated as averaging Area 9H), as shown on Figure 2. Each of these areas is to be considered a separate averaging area for purposes of RD/RA evaluations. For each averaging area, the CD and SOW require that GE calculate an EPC in the top foot of soil. The EPC for each averaging area is required to be either: (a) the spatial average PCB concentration, calculated as specified in Attachment E to the SOW, provided that PCB data are available from an appropriate sampling grid with a minimum 25-foot spacing within the wetland area; or (b) the 95% UCL of the PCB data (or the maximum PCB concentration if the 95% UCL exceeds the maximum). If the PCB EPC in the top foot of soil in each such wetland area exceeds 1 ppm, GE is required either to remove and replace soils or install a soil surface cover as necessary to achieve the PCB EPC. The loss of any wetlands is required to be mitigated through the payment that GE has made pursuant to Paragraph 114.b of the CD.

The PDI Work Plan indicated that GE intends to calculate the EPC in each wetland area by spatial averaging of the PCB concentrations. For such spatial averaging, as noted above, the SOW specifies that PCB data must be available on a minimum 25-foot grid. However, the PDI Work Plan indicated that such intensive sampling would not be necessary for portions of the wetlands where it is determined, based on less intensive sampling, that remediation (i.e., soil removal or capping) would be required in any event. Therefore, the initial scope of pre-design sampling consisted of collection of surface soil samples (top foot) in the two inundated wetlands on an approximate 100-foot grid. As stated in the PDI Work Plan, if the resulting data indicated that all or significant portions of either of the designated inundated wetlands contain PCB concentrations over 1 ppm, GE might determine, without further sampling, that removal or capping of such soil in that area is necessary. On the other hand, if the available PCB data indicated that either of the inundated wetlands or a portion thereof may meet the applicable PCB Performance Standard, GE stated that it would perform additional PCB pre-design sampling in those areas at the spacing specified in the SOW. Moreover, for any portions of the inundated wetlands where remediation may not be necessary (and thus additional PCB sampling will be performed), GE agreed to provide a proposal to address Appendix IX+3 constituents in the upper foot of soils.

As proposed in the PDI Work Plan, 17 surface soil samples (including duplicate samples) were collected from within the two inundated wetlands as part of the first iteration of sampling and were analyzed for PCBs. The results from these pre-design samples were combined with the historical PCB data from those areas to create the current PCB data set for the inundated wetlands. GE then evaluated the entire data set to make the determination described above.

The two inundated wetlands have been evaluated separately to determine whether current conditions (based on the available data set) achieve the applicable Performance Standards. Similar to the Unkamet Brook sediments, GE has performed preliminary evaluations based on an arithmetic average of the available data within each wetland. Based on these data, the arithmetic average PCB concentrations in the top foot of soils are approximately 298 ppm for the northern wetland (Area 9G) and approximately 41 ppm for the southern wetland (Area 9H).

For the southern wetland, GE has concluded, based on the available PCB data, that removal or covering of all surface soils within this wetland will be necessary to meet the applicable Performance Standard. As a result, GE is not proposing any additional sampling for PCBs within this wetland, nor does it propose any Appendix IX+3 sampling in this wetland as part of pre-design activities.

For the northern wetland, however, GE's evaluation of the existing PCB data suggests that soils in certain areas of that wetland may have a PCB EPC less than 1 ppm. These areas consist of the northern and eastern portions of this wetland. Therefore, GE proposes to establish a 25-foot grid in these portions of this wetland, as shown on Figure 2, and to collect surface soil samples at each of the remaining grid nodes for PCB analysis. This proposal will result in the collection and PCB analysis of approximately an additional 100 surface soil samples from this wetland. This additional proposed pre-design sampling is summarized in Table 7.

After receiving the data from the additional proposed samples, GE will report those data to EPA in a supplemental sampling letter report, as described in Section 3 below. That letter report will assess the data set for the portion of the northern wetland that is being sampled on a 25-foot grid. If there is a portion of the wetland that meets the 1 ppm Performance Standard, GE will propose appropriate sampling in that portion of the wetland to characterize the soils for Appendix IX+3 constituents.

2.4 Subsurface Utilities in GE-Owned Commercial/Industrial Areas

For the various RAAs within the GE-Pittsfield/Housatonic River Site, GE is required to evaluate PCBs in soils that are in close proximity to existing utilities potentially subject to future emergency repair. Specifically, when existing utilities potentially subject to future emergency repair are present and the spatial average PCB concentration in the utility corridor exceeds 200 ppm in the 1- to 6-foot interval, GE is required to evaluate whether additional response actions are necessary for that corridor. Consistent with the general approach that has been used to date at other RAAs (with a few exceptions, where warranted), soils near subsurface utilities are considered to be adequately characterized if PCB soil data are available within an approximate 50-foot band centered along the utility and at a linear spacing of approximately 100 to 150 feet along the length of the utility (and, for the GE-owned portions of the GE Plant Area, to a depth of 6 feet). Using these criteria, the PDI Work Plan included mapping of available subsurface utilities and, for the non-GE-owned areas and GE-owned non-industrial area, proposed utility-related soil sampling activities consistent with the approach outlined above.

For utility lines within the GE-owned industrial areas, the approved PDI Work Plan included an iterative investigation and assessment approach. Utilities within the GE-owned industrial portion of the Unkamet Brook Area include a multitude of electricity and telephone lines, storm drains, water, fire protection, gas, and sewer lines; the PDI Work Plan included mapping of these utility lines based on available information. As discussed in the PDI Work Plan, the GE-owned industrial areas present several specific considerations that rendered the standard utility corridor sampling approach infeasible or excessive. First, due to the pervasive presence of utilities throughout the GE-owned industrial areas and their web-like branching, it would be difficult to create distinct sampling bands along these utility lines. Second, certain of the utility lines in these areas are inactive and/or may have been abandoned, which would mean that such lines would not be potentially subject to future emergency repair. Third, there was substantial spatial PCB sampling coverage afforded by the existing data and the proposed pre-design sampling locations, even without taking utility line corridors into account. Therefore, as noted above, the PDI Work Plan provided for an iterative approach to the characterization of utilities in the GE-owned industrial areas.

That iterative approach involved the following steps: First, GE would collect the PCB data specified in the PDI Work Plan for the GE-owned industrial areas with a significant presence of subsurface utilities. Based on the data collected as part of that first iteration, if discrete PCB results exceeded 200 ppm in the 1- to 6-foot depth interval, GE would identify in the Interim PDI Report any active subsurface utilities in the area(s) where such concentrations were found and evaluate the need for and scope of any additional PCB sampling

for soils in those active utility corridors, taking into account other nearby data as appropriate. If, on the other hand, the available PCB concentrations in the vicinity of the utility lines were far lower than 200 ppm, GE would consider the available data sufficient to support future RD/RA evaluations without additional utility-related sampling. If additional sampling were required, GE would assess existing active subsurface utilities consistent with the approach used at other RAAs in the GE Plant Area (i.e., to ensure the availability of PCB data within a 50-foot band centered along the utility line, at a linear spacing of approximately 100 to 150 feet, and to a depth of six feet).

Pre-design sampling was performed at a total of 136 locations within the GE-owned industrial areas. The PCB and Appendix IX+3 results from the samples collected by GE are included in Tables 3 and 4, respectively.

In addition, during the course of the pre-design investigations to date, GE identified a few changes to the utilities lines previously shown on the figures in the PDI Work Plan. First, GE has determined that the fire protection lines in the GE Advanced Materials Area (formerly the GE Plastics Area) to the west and south of Building 121 were shown incorrectly in the PDI Work Plan. To correct these inaccuracies, the fire protection line previously shown to the west of Building 121 has been deleted from Figure 2 and a fire protection line has been added to Figure 2 south of Building 121; that fire protection line is largely co-located with the water line in that area that was originally included on the figure, except that at the northeastern end it branches off the main water line to a fire hydrant. In addition, the southern fire protection line that connects to this newly depicted line has been redrawn as shown on City of Pittsfield mapping (see Figure 2). Second, during GE's evaluation of the utilities, it was discovered that a sanitary sewer line located south of sample location N-AA18 (shown on Figure 4 of the July 30, 2003 Response Letter) was erroneously identified. This "sewer line" is actually an inactive drain line and, therefore, not subject to future emergency repair activities. Hence, that line has been removed from Figure 2. Third, the short disconnected sanitary sewer line located between Building 114 and oil/water separator 119W (shown in the PDI Work Plan) is inactive according to City of Pittsfield mapping and has likewise been removed from the Figure 2 because it is not subject to future emergency repair activities.

Review of the recent and historical PCB data in the vicinity of the identified utility lines indicates that all samples in the West Area of this RAA (i.e., in the vicinity of Buildings OP-1 and OP-2) and most of the samples in the North Area (the GE Advanced Materials Area) show discrete PCB sample results well below the Performance Standard of 200 ppm. Therefore, in accordance with the PDI Work Plan, no further sampling in the proximity of such lines is necessary. However, GE's evaluation found seven discrete sample

results (from six sample locations) in the GE Advanced Materials Area that exceed or approach a 200 ppm PCB concentration, as summarized below:

Sample Location	Date Collected	Sample Depth (Feet)	PCB Concentration (ppm)	Active Utility in vicinity
N-AA18	10/1/2003	1 to 6	590	Water and Fire Protection
N-N10	11/13/2003	3 to 6	360	Sanitary Sewer
UB-IRA-2-L1 (near grid node N-M9)	7/8/1998	0 to 0.5	203	Sanitary Sewer
UB-IRA-3-L1	7/8/1998	0 to 0.5 feet	173	Sanitary Sewer
BA-1 (near grid node N-AA21)	8/13/1996	0.5 to 2	202	Sanitary Sewer
BA-1	8/13/1996	2 to 4	730	Sanitary Sewer
Trench B (east of Bldg. 114)	11/22/1985	0.5 to 1.5	340	Water and Fire Protection

Based on these results, GE has evaluated the need for additional PCB sampling activities to further characterize soils in close proximity to the subsurface utilities identified above, taking into account existing PCB samples. This evaluation was based on the criteria outlined above concerning the characterization of soils near utilities in the GE Plant Area (i.e., PCB sampling data within a 50-foot band centered along the utility, at a linear spacing along the utility of approximately 100 to 150 feet, and to a depth of 6 feet). Thus, 50-foot bands have been added to the utilities in the vicinity of these six sample locations, as illustrated on Figure 2. In addition, GE has added a 50-foot band to the portion of the newly identified fire protection line that branches off the main water line to a fire hydrant.

Based on review of the currently available PCB data from these bands and in consideration of the criteria mentioned above, GE proposes to collect additional pre-design soil samples within these utility bands. Specifically, samples have been added at grid nodes N-M9, N-X19, N-AA19, N-BB21, N-CC18, and N-JJ19. The proposed sample locations are shown on Figure 2 and summarized in Table 7. GE proposes to collect the samples at N-X19, N-AA19, N-BB21, N-CC18, and N-JJ19 from the 0- to 1-foot and 1- to 6-foot depth increment, and to convert the surface sample already proposed to be collected at N-M9 to a boring which includes the 0- to 1-foot, 1- to 3-foot, and 3- to 6-foot depth increments, which are consistent with the depth increments required within this GE-owned non-industrial property. All of these samples will be analyzed for PCBs.

3.0 Schedule

In accordance with the approved PDI Work Plan, GE will continue to perform the sampling and analysis outlined in the PDI Work Plan, as well as the additional activities proposed herein, once approved by EPA. GE proposes to submit a supplemental sampling letter report on the results of the additional PCB sampling of the portion of the northern inundated wetland area, as proposed herein, within four months from the date of EPA's approval of this Interim PDI Report. As noted above, if the supplemental PCB sampling of that area indicates that existing conditions for a portion of the northern wetland satisfies the 1 ppm PCB Performance Standard, the supplemental sampling letter report will include GE's proposal to sample that portion of the wetland for Appendix IX+3 constituents. Thereafter, in accordance with the approved PDI Work Plan, GE will submit the Pre-Design Report for the Unkamet Brook Area within 12 months after EPA's approval of this Interim PDI Report.

In the event that delays to this proposed schedule are identified, GE will notify EPA and propose a revised schedule for completing the investigations and submitting the supplemental sampling letter report and/or the Pre-Design Report. With respect to access, if GE is unable to obtain access permission from particular property owners after using "best efforts" (as defined in the CD) to do so, it will so advise EPA and MDEP and seek their assistance in obtaining such access pursuant to Paragraph 60.f(i) of the CD.

Please contact me with any questions.

Sincerely,

John F. Novotny, P.E.
Manager – Facilities and Brownfields Programs

Attachments
V:\GE_Pittsfield_CD\Unkamet_Brook_Area\Reports and Presentations\Interim PDI Report\040422ltr.doc

cc: Tim Conway, EPA
Dean Tagliaferro, EPA
Holly Inglis, EPA
Rose Howell, EPA
Carol Tucker, EPA*
Susan Steenstrup, MDEP (2 copies)
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Jeffrey Bernstein, Bernstein, Cushner & Kimmell*
Teresa Bowers, Gradient
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Michael Carroll, GE*
Andrew Silfer, GE
Rod McLaren, GE*
James Nuss, BBL
James Bieke, Shea & Gardner
Laurence Kirsch, Shea & Gardner
Andrew Hogeland, GE Advanced Materials
Steven Deloye, GE Advanced Materials
Scott LeBeau, General Dynamics
Massachusetts Department of Highways,
Rights of Way Bureau
Jeff Gardner, Berkshire Community College
Larry Dixon, CSX Transportation
Cheryl A. Grosso, United States Navy
Property Owner – Parcel K11-7-8
Property Owner – Parcel L11-4-112
Property Owner – Parcel L11-4-213
Property Owner – Parcel L12-1-2
Property Owner – Parcel L12-1-3
Property Owner – Parcel L12-1-4
Property Owner – Parcel L12-1-5
Public Information Repositories
GE Internal Repository

* *without attachments*

Tables

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

TABLE 1
SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS OF SAMPLES COLLECTED IN FIRST ITERATION

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
WEST AREA										
GE-Owned Commercial/Industrial Property										
Paved										
RAA10-W-B17	B17	9/3/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-W-C13	C13	9/3/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-C15	C15	9/2/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-W-D12	D12	8/12/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-E10	E10	8/12/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
Refusal - 13'			**6-13 ft**	X	--	--	--	--	--	
RAA10-W-E13	E13	8/19/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-F8	F8	6/2/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 10'			**6-10 ft**	X	--	--	--	--	--	
RAA10-W-F9	F9	5/30/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 12'			**6-12 ft**	X	--	--	--	--	--	
RAA10-W-F13	F13	5/28/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-W-G9	G9	8/13/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 12'			**6-12 ft**	X	--	--	--	--	--	
RAA10-W-G15	G15	6/2/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 6 feet to the west due to refusal at the proposed location.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-H10	H10	8/13/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 13'			**6-13 ft**	X	--	--	--	--	--	
RAA10-W-H15	H15	5/28/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-W-I10	I10	8/19/2003	0-1 ft	X	X	X	X	X	--	Moved sample location 12 feet to the east due to utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	

TABLE 1
SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS OF SAMPLES COLLECTED IN FIRST ITERATION

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-W-I17	I17	8/20/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 5 feet to the west to avoid utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-I22	I22	9/25/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 15 feet to the south to avoid utilities.
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-J11	J11	8/19/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 10 feet to the west to avoid utilities
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-J17	J17	8/20/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 13 feet to the west to avoid utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-J20	J20	8/26/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-J21	J21	8/26/2003	0-1 ft	X	X	X	X	X	--	EPA split sample from the 6-15 foot sample depth for PCBs.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-W-K11	K11	8/19/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 14 feet to the northeast to avoid utilities.
			1-6 ft	X	X	X	X	X	--	
Refusal -11'			**6-11 ft**	X	X	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth
RAA10-W-K17	K17	8/20/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 17 feet to the northwest to avoid utilities.
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-K18	K18	8/25/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-K19	K19	8/25/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-L12	L12	8/18/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 6'			**NS**	X	--	--	--	--	--	
RAA10-W-L18	L18	9/22/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 13'			**6-13 ft**	X	--	--	--	--	--	
RAA10-W-L19	L19	9/23/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 0-1 foot sample depth
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	--	X	X	--	
RAA10-W-M12	M12	8/18/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 8'			**6-8 ft**	X	--	--	--	--	--	
RAA10-W-M13	M13	8/18/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 12'			**6-12 ft**	X	--	--	--	--	--	

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INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-W-M15	M15	8/18/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
Refusal - 12'			**6-12 ft**	X	X	X	X	X	--	
RAA10-W-N12	N12	9/22/2003	0-1 ft	X	--	--	--	--	--	Moved sample location to southwest
			1-6 ft	X	--	--	--	--	--	corner of paved lot, per EPA.
Refusal - 10'			**6-10 ft**	X	--	--	--	--	--	
RAA10-W-N13	N13	9/23/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 12'			**6-12 ft**	X	--	--	--	--	--	
UNPAVED										
RAA10-W-A18	A18	9/2/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-B19	B19	9/30/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-C18	C18	9/3/2003	0-1 ft	--	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-C19	C19	9/25/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 15 feet to the west
			1-6 ft	X	--	--	--	--	--	due to the severity of the slope.
			6-15 ft	X	--	--	--	--	--	
RAA10-W-D19	D19	5/29/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 6-15 foot
			1-6 ft	X	X	X	X	X	--	sample depth.
			6-15 ft	X	X	X	X	X	--	
RAA10-W-D20	D20	9/30/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-E8	E8	5/30/2003	0-1 ft	--	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
Refusal - 11'			**6-11 ft**	X	--	--	--	--	--	
RAA10-W-E9	E9	5/30/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 10'			**6-10 ft**	X	X	X	X	X	--	
RAA10-W-E19	E19	5/30/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 1-6 foot
			1-6 ft	X	--	--	--	--	--	sample depth.
			6-15 ft	X	--	--	--	--	--	
RAA10-W-E20	E20	6/2/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-F20	F20	5/29/2003	0-1 ft	--	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-G20	G20	9/24/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	

TABLE 1
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INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-W-G21	G21	9/24/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-I21	I21	5/29/2003	0-1 ft	--	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-W-K21	K21	10/1/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 10 feet to the north due to the severity of the slope. Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-L20	L20	10/1/2003	0-1 ft	X	X	X	X	X	--	Moved sample location 10 feet to the north due to the severity of the slope.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-M17	M17	9/23/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-W-N17	N17	9/23/2003	0-1 ft	--	X	X	X	X	--	Moved sample location 20 feet to the east to avoid a gas line.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10 W-N18	N18	10/1/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
NORTH AREA										
Non-Industrial GE-Owned Area East of Former Interior Landfill										
RAA10-N-K8	K8	11/13/2003	0-1 ft	X	--	--	--	--	--	
			1-3 ft	X	--	--	--	--	--	
			3-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-N10	N10	11/13/2003	0-1 ft	X	--	--	--	--	--	EPA split sample for PCBs and EPA Supplemental Appendix IX+3 for the 3-6 foot sample depth.
			1-3 ft	X	--	--	--	--	--	
			3-6 ft	X	--	--	--	--	--	
Two Inundated (Palustrine/Emergent) Wetlands										
RAA10-N-M16	M16	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-M18	M18	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-M20	M20	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-O18	O18	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-O20	O20	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-O22	O22	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-Q20	Q20	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-Q22	Q22	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-S20	S20	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-S22	S22	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-U20	U20	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-U22	U22	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-W20	W20	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-W22	W22	10/28/2003	0-1 ft	X	--	--	--	--	--	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-N-Y22	Y22	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-CC24	CC24	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-N-EE24	EE24	10/28/2003	0-1 ft	X	--	--	--	--	--	
GE-Owned Commercial/Industrial Property										
Paved										
RAA10-N-Y6	Y6	11/11/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA5	AA5	11/17/2003	1-6 ft	X	--	--	--	--	--	Moved sample location 30 feet to the east to avoid interference with the sidewalk.
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA6	AA6	11/11/2003	1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-AA7	AA7	11/14/2003	1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA18	AA18	10/1/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	--	--	--	--	
RAA10-N-CC3	CC3	10/29/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-CC16	CC16	10/1/2003	6-15 ft	X	--	--	--	--	--	
RAA10-N-II7	II7	10/17/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth.
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-II8	II8	10/9/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 5 feet to the south to avoid utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-II10	II10	10/17/2003	0-1 ft	--	X	X	X	X	--	
			1-6 ft	X	X	--	X	X	--	
			6-15 ft	X	--	--	X	X	--	
RAA10-N-II16	II16	10/7/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	X	--	--	--	--	
RAA10-N-II18	II18	10/2/2003	0-1 ft	X	X	X	X	X	--	Moved sample location 5 feet to the east to avoid utilities.
			6-15 ft	X	--	--	--	--	--	Duplicate sample collected from the 6-15 foot sample depth.
RAA10-N-JJ6	JJ6	10/17/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-JJ10	JJ10	10/17/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-JJ20	JJ20	10/2/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-N-JJ22	JJ22	10/16/2003	0-1 ft	X	X	X	X	--	--	EPA split sample for PCBs and EPA Supplemental Appendix IX+3 for the 6-15 foot sample depth.
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	X	X	--	
RAA10-N-KK5	KK5	10/23/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-KK10	KK10	10/8/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-KK16	KK16	10/3/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-KK18	KK18	10/3/2003	0-1 ft	X	X	X	X	X	--	Moved sample location 10 feet to the east due to refusal at the proposed location.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-KK20	KK20	10/3/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-LL12	LL12	10/7/2003	0-1 ft	X	X	X	X	X	--	Moved location 12 feet to the west to avoid utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-MM12	MM12	10/7/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-MM18	MM18	10/31/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-NN10	NN10	10/9/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 10 feet to the east to avoid utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-NN12	NN12	10/7/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-NN14	NN14	10/7/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-OO8	OO8	10/16/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 6-15 foot sample depth. EPA Supplemental sample from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-PP8	PP8	10/16/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	

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SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS OF SAMPLES COLLECTED IN FIRST ITERATION

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
Unpaved										
RAA10-N-M7	M7	11/13/2003	0-1 ft	--	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-O7	O7	11/14/2003	1-6 ft	X	--	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth.
			6-15 ft	X	--	--	--	--	--	
RAA10-N-U5	U5	10/30/2003	1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-W3	W3	10/30/2003	1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-W4	W4	10/30/2003	1-6 ft	X	X	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth.
			6-15 ft	X	--	--	--	--	--	
RAA10-N-W5	W5	10/30/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-Y3	Y3	10/29/2003	1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-Y7	Y7	11/12/2003	1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-Y18	Y18	10/23/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA2	AA2	10/29/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-AA4	AA4	10/29/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA10	AA10	10/24/2003	0-1 ft	--	X	X	X	X	--	Duplicate sample collected from the 1-6 foot sample depth.
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA12	AA12	10/23/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-AA14	AA14	10/2/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-CC4	CC4	10/28/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-CC8	CC8	10/24/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-CC10	CC10	11/17/2003	0-1 ft	X	--	--	--	--	--	Moved sample location 35 feet to the north to avoid utilities.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	

TABLE 1
SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS OF SAMPLES COLLECTED IN FIRST ITERATION

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-N-CC14	CC14	10/23/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-CC20	CC20	10/2/2003	0-1 ft	X	X	X	X	X	--	Moved sample location 5 feet to the west to avoid utilities.
RAA10-N-EE3	EE3	10/29/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE4	EE4	10/28/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE5	EE5	10/28/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE7	EE7	11/12/2003	0-1 ft	X	--	--	--	--	--	
			1-3 ft	X	--	--	--	--	--	
RAA10-N-EE8	EE8	10/24/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE10	EE10	10/24/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE14	EE14	11/10/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE18	EE18	10/2/2003	0-1 ft	X	X	X	X	X	--	EPA split sample for PCBs in the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-EE20	EE20	10/14/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-EE22	EE22	10/14/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-GG4	GG4	10/28/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-GG5	GG5	10/28/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 1-3 foot sample depth.
			1-3 ft	X	--	--	--	--	--	
RAA10-N-GG6	GG6	11/12/2003	0-1 ft	X	X	X	X	X	--	
			1-3 ft	X	--	--	--	--	--	
RAA10-N-GG7	GG7	11/12/2003	1-3 ft	X	--	--	--	--	--	
RAA10-N-GG14	GG14	10/16/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	

TABLE 1
SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS OF SAMPLES COLLECTED IN FIRST ITERATION

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-N-GG18	GG18	10/14/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-GG20	GG20	10/14/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-GG22	GG22	10/14/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-II5	II5	10/28/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-II20	II20	10/14/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-II24	II24	10/20/2003	0-1 ft	X	--	--	--	X	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	X	--	
RAA10-N-KK22	KK22	10/20/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-LL6	LL6	10/31/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-LL20	LL20	10/20/2003	0-1 ft	--	--	--	X	X	--	
			1-6 ft	--	--	--	--	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-MM6	MM6	10/23/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-MM7	MM7	10/31/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-NN7	NN7	10/31/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-NN16	NN16	10/20/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-OO7	OO7	10/22/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-OO16	OO16	10/22/2003	0-1 ft	X	X	X	X	X	--	Duplicate sample collected from the 6-15 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	

TABLE 1
SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS OF SAMPLES COLLECTED IN FIRST ITERATION

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	DATE COLLECTED	SAMPLE DEPTH	ANALYSES (See Note 1)						COMMENTS
				PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb	
RAA10-N-PP12	PP12	10/16/2003	0-1 ft	X	X	X	X	X	--	
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-PP14	PP14	10/20/2003	1-6 ft	--	--	--	X	--	--	
			6-15 ft	X	X	X	X	X	--	
RAA10-N-QQ8	QQ8	10/22/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	X	X	X	X	--	
			6-15 ft	X	--	--	--	--	--	
RAA10-N-QQ12	QQ12	10/22/2003	0-1 ft	X	--	--	--	--	--	
			1-6 ft	X	--	--	--	--	--	
Refusal - 11'			**6-11 ft**	X	--	--	--	--	--	
RAA10-N-RR10	RR10	10/22/2003	0-1 ft	X	X	X	X	X	--	EPA split sample for PCBs in the 1-6 foot sample depth.
			1-6 ft	X	--	--	--	--	--	
			6-15 ft	X	X	X	X	X	--	
UNKAMET BROOK										
North Area										
RAA10-UB-02	UB-02	10/28/2003	0-1 ft	X	--	--	--	--	--	Duplicate sample collected from the 0-1 foot sample depth.
RAA10-UB-05	UB-05	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-06	UB-06	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-07	UB-07	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-08	UB-08	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-09	UB-09	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-10	UB-10	10/28/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-11	UB-11	10/28/2003	0-1 ft	X	--	--	--	--	--	
East Area										
RAA10-UB-25	UB-25	11/6/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-29	UB-29	11/6/2003	0-1 ft	X	--	--	--	--	--	
RAA10-UB-45	UB-45	11/6/2003	0-1 ft	X	--	--	--	--	--	
DECORATIVE POND										
RAA10-N-DPO	N-DPO	11/17/2003	0-2.5 ft	X	--	--	--	--	--	

Notes:
1. This table identifies soil and sediment samples collected and analyzed as part of the pre-design investigation at the Unkamet Brook Area in First Iteration.
2. The soil sample collected from the 0- to 1-foot interval at location JJ20 on October 10, 2003 exceeded the allowable hold time before the laboratory performed the required PCB analysis. GE collected an additional sample from JJ20 from the 0- to 1-foot interval on December 11, 2003, and this sample was analyzed for PCBs.

TABLE 2
PROPOSED SOIL AND SEDIMENT SAMPLING LOCATIONS, DEPTHS, AND PARAMETERS EXCLUDED BY EPA

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	SAMPLE DEPTH	ANALYSES					
			PCBs	VOCs	SVOCs	INORGANICS	PCDDs/PCDFs	Pest/Herb
WEST AREA								
GE-Owned Commercial/Industrial Property								
UNPAVED								
RAA10-W-B15	B15	0-1 ft	X	X	X	X	X	--
		1-6 ft	X	--	--	--	--	--
		6-15 ft	X	--	--	--	--	--
RAA10-W-C12	C12	0-1 ft	X	X	X	X	X	--
		1-6 ft	X	--	--	--	--	--
		6-15 ft	X	--	--	--	--	--
RAA10-W-D10	D10	0-1 ft	X	--	--	--	--	--
		1-6 ft	X	--	--	--	--	--
		6-15 ft	X	--	--	--	--	--
RAA10-W-D11	D11	0-1 ft	X	--	--	--	--	--
		1-6 ft	X	X	X	X	X	--
		6-15 ft	X	--	--	--	--	--
RAA10-W-H9	H9	0-1 ft	X	X	X	X	X	--
		1-6 ft	X	--	--	--	--	--
		6-15 ft	X	X	X	X	X	--
RAA10-W-L11	L11	0-1 ft	X	X	X	X	X	--
		1-6 ft	X	--	--	--	--	--
		6-15 ft	X	--	--	--	--	--

Notes:
1. This table identifies proposed soil samples that were to be collected and analyzed as part of the pre-design investigation at the Unkamet Brook Area that were eliminated by the EPA.

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-N-AA2	0-1	10/29/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.29	0.50	0.79
	1-6	10/29/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.023 J	0.026 J	0.049 J
	6-15	10/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-AA4	0-1	10/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.048	ND(0.037)	0.048
	1-6	10/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.038	ND(0.036)	0.038
	6-15	10/29/2003	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	0.015 J [0.016 J]	ND(0.036) [ND(0.036)]	0.015 J [0.016 J]
RAA10-N-AA5	1-6	11/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	11/17/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.013 J	ND(0.036)	0.013 J
RAA10-N-AA6	1-6	11/11/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	11/11/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-N-AA7	1-6	11/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.056	0.017 J	0.073
	6-15	11/14/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.30	ND(0.042)	0.30
RAA10-N-AA10	1-6	10/24/2003	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)]	0.26 [0.19]	0.18 [0.20]	0.44 [0.39]
	6-15	10/24/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.075	ND(0.041)	0.075
RAA10-N-AA12	0-1	10/23/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.46	0.23	0.69
	1-6	10/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.21	ND(0.037)	0.21
	6-15	10/23/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.22	ND(0.043)	0.22
RAA10-N-AA14	0-1	10/2/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.37	ND(0.038)	0.37
	1-6	10/2/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.30	ND(0.037)	0.30
	6-15	10/2/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.78	ND(0.039)	0.78
RAA10-N-AA18	0-1	10/1/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.71	0.35	1.06
	1-6	10/1/2003	ND(20)	ND(20)	ND(20)	ND(20)	430	160	590	
	6-15	10/1/2003	ND(32)	ND(32)	ND(32)	ND(32)	ND(32)	1100	ND(32)	1100
RAA10-N-CC3	0-1	10/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.044	0.041	0.085
	1-6	10/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.032 J	ND(0.036)	0.032 J
	6-15	10/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.027 J	ND(0.037)	0.027 J
RAA10-N-CC4	0-1	10/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.071	0.039	0.11
	1-6	10/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.036 J	0.036 J
	6-15	10/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-N-CC8	0-1	10/24/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.77	0.77	1.54
	1-6	10/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.026 J	0.029 J	0.055 J
	6-15	10/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.097	ND(0.038)	0.097
RAA10-N-CC10	0-1	11/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.49	0.34	0.83
	1-6	11/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.038 J	0.038 J
	6-15	11/17/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.27	ND(0.042)	0.27
RAA10-N-CC14	0-1	10/23/2003	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	2.7	ND(0.37)	2.7
	1-6	10/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.26	ND(0.037)	0.26
	6-15	10/23/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.61	ND(0.041)	0.61
RAA10-N-CC16	6-15	10/1/2003	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	ND(0.084)	0.47	ND(0.084)	0.47
RAA10-N-CC20	0-1	10/2/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.8	1.9	3.7
RAA10-N-CC24	0-1	10/28/2003	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)	0.48	0.67	1.15
RAA10-N-DPO	0-2.5	11/17/2003	ND(0.083)	ND(0.083)	ND(0.083)	ND(0.083)	ND(0.083)	0.76	0.83	1.59
RAA10-N-EE3	0-1	10/29/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.21	0.16	0.37
	1-6	10/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/29/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.037 J	ND(0.037)	0.037 J
RAA10-N-EE4	0-1	10/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.068	0.042	0.11
	1-6	10/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.092	ND(0.037)	0.092
RAA10-N-EE5	0-1	10/28/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.45	0.37	0.82
	1-6	10/28/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.059	0.018 J	0.077
	6-15	10/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.060	ND(0.036)	0.060
RAA10-N-EE7	0-1	11/12/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.15	0.36	0.24	0.75
	1-3	11/12/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.060	0.20	0.083	0.343

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-N-EE8	0-1	10/24/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.36	0.18	0.54
	1-6	10/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.11	ND(0.037)	0.11
	6-15	10/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.12	ND(0.037)	0.12
RAA10-N-EE10	0-1	10/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.50	0.34	0.84
	1-6	10/24/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.076	0.039	0.115
	6-15	10/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	ND(0.038)	0.11
RAA10-N-EE14	0-1	11/10/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.044	0.034 J	0.078
	1-6	11/10/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	11/10/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-N-EE18	0-1	10/2/2003	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	4.4	2.2	6.6
	1-6	10/2/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.14	0.24	0.065	0.445
	6-15	10/2/2003	ND(26)	ND(26)	ND(26)	190	ND(26)	ND(26)	ND(26)	190
RAA10-N-EE20	0-1	10/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	10/14/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	10/14/2003	ND(24)	ND(24)	ND(24)	64	ND(24)	ND(24)	ND(24)	64
RAA10-N-EE22	0-1	10/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	10/14/2003	ND(0.043)	ND(0.043)	ND(0.043)	0.76	ND(0.043)	0.16	0.070	0.99
	6-15	10/14/2003	ND(0.29) [ND(0.057)]	ND(0.29) [ND(0.057)]	ND(0.29) [ND(0.057)]	2.4 [1.7]	ND(0.29) [ND(0.057)]	ND(0.29) [0.39]	ND(0.29) [0.12]	2.4 [2.21]
RAA10-N-EE24	0-1	10/28/2003	ND(0.77)	ND(0.77)	ND(0.77)	ND(0.77)	4.2	7.8	4.9	16.9
RAA10-N-GG4	0-1	10/28/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.21	0.12	0.33
	1-6	10/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.060	ND(0.036)	0.060
	6-15	10/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.036 J	ND(0.037)	0.036 J
RAA10-N-GG5	0-1	10/28/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.062	0.062	0.124
	1-3	10/28/2003	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	NO(0.040) [ND(0.039)]	ND(0.040) [0.048]	ND(0.040) [NO(0.039)]	ND(0.040) [0.048]
RAA10-N-GG6	0-1	11/12/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	1-3	11/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.61	0.38	0.31	1.3
RAA10-N-GG7	1-3	11/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.3	ND(0.038)	0.11	1.41
RAA10-N-GG14	0-1	10/16/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.054	0.088	0.142
	1-6	10/16/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/16/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-N-GG18	0-1	10/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	10/14/2003	ND(0.20)	ND(0.20)	ND(0.20)	2.4	ND(0.20)	2.9	0.90	6.3
	6-15	10/14/2003	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)	1.3	ND(0.054)	1.3
RAA10-N-GG20	0-1	10/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	10/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	10/14/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-N-GG22	0-1	10/14/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	10/14/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/14/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.22	0.30	0.52
RAA10-N-II5	0-1	10/28/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.10	0.038 J	0.138
	1-6	10/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.036	0.036
	6-15	10/28/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.012 J	ND(0.037)	0.012 J
RAA10-N-II7	0-1	10/17/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.079	0.079
	1-6	10/17/2003	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)]	0.18 [0.18]	0.18 [0.18]
	6-15	10/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.022 J	0.022 J
RAA10-N-II8	0-1	10/9/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.15	0.15
	1-6	10/9/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.40	0.19	0.59
	6-15	10/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.17	0.041	0.041	0.211
RAA10-N-II10	1-6	10/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.012 J	0.012 J
	6-15	10/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-II16	0-1	10/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.8	0.65	2.15
	1-6	10/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.058	ND(0.037)	0.058
	6-15	10/7/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.019 J	ND(0.040)	0.019 J

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-N-II18	0-1	10/2/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.12	ND(0.036)	0.12
	6-15	10/2/2003	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	0.28 [0.40]	ND(0.042) [ND(0.042)]	0.28 [0.40]
RAA10-N-II20	0-1	10/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	10/14/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/14/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-N-II24	0-1	10/20/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.16	0.16
	1-6	10/20/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/20/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
RAA10-N-JJ8	0-1	10/17/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.045	0.045
	1-6	10/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-JJ13	0-1	10/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.95	0.52	1.47
	1-6	10/17/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.48	0.48
	6-15	10/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.065	0.065
RAA10-N-JJ20	0-1	12/11/2003	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	2.4	1.6	4.0
	1-6	10/2/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.027 J	0.019 J	0.046 J
	6-15	10/2/2003	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.72	ND(0.045)	0.72
RAA10-N-JJ22	0-1	10/16/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.21	0.33
	1-6	10/16/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.11	0.19	0.30
	6-15	10/16/2003	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)	0.047	0.047
RAA10-N-K8	0-1	11/13/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	1.6	1.6
	1-3	11/13/2003	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	3.4	4.8	8.2
	3-6	11/13/2003	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	7.5	7.5
	6-15	11/13/2003	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	ND(0.53)	11	12	23
RAA10-N-KK8	0-1	10/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.27	0.26	0.53
	1-6	10/23/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.029 J	0.029 J
	6-15	10/23/2003	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)]
RAA10-N-KK10	0-1	10/8/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-6	10/8/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/8/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-N-KK16	0-1	10/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.037 J	ND(0.038)	0.037 J
	1-6	10/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	10/3/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.021 J	ND(0.038)	0.021 J
RAA10-N-KK18	0-1	10/3/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	10/3/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.034 J	ND(0.035)	0.034 J
	6-15	10/3/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.038 J	ND(0.039)	0.038 J
RAA10-N-KK20	0-1	10/3/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.15	0.26	0.41
	1-6	10/3/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.057	0.057
	6-15	10/3/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.028 J	0.028 J
RAA10-N-KK22	0-1	10/20/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.45	0.45
	1-6	10/20/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.084	0.084
	6-15	10/20/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-N-LL8	0-1	10/31/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.041	0.17	0.211
	1-6	10/31/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/31/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.040	0.040
RAA10-N-LL12	0-1	10/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.059	0.059
	1-6	10/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.041	ND(0.036)	0.041
	6-15	10/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	1.2	1.2
RAA10-N-LL20	6-15	10/20/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-N-M7	1-6	11/13/2003	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	3.5	3.6	7.1
	6-15	11/13/2003	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA10-N-M16	0-1	10/28/2003	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	ND(0.16)	0.86	0.54	1.4
RAA10-N-M18	0-1	10/28/2003	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.49	ND(0.17)	0.49

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-N-M20	0-1	10/28/2003	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	0.32	0.32
RAA10-N-MM0	0-1	10/23/2003	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	6.3	6.3
	1-6	10/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.14	0.14
	6-15	10/23/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-N-MM7	0-1	10/31/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.084	0.084
	1-6	10/31/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/31/2003	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)]	0.18 [0.28]	0.18 [0.28]
RAA10-N-MM12	0-1	10/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.012 J	0.012 J	0.024 J
	1-6	10/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/7/2003	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)]	1.5 [1.3]	1.5 [1.3]
RAA10-N-MM16	0-1	10/31/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	0.28	0.40
	1-6	10/31/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.032 J	ND(0.038)	0.032 J
	6-15	10/31/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-N-N10	0-1	11/13/2003	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	4.3	4.3
	1-3	11/13/2003	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	ND(2.1)	30	30
	3-6	11/13/2003	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	ND(11)	360	360
RAA10-N-NN7	0-1	10/31/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.072	0.25	0.322
	1-6	10/31/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	10/31/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.19	0.19
RAA10-N-NN10	0-1	10/9/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.051	0.051
	1-6	10/9/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/9/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.026 J	ND(0.040)	0.026 J
RAA10-N-NN12	0-1	10/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.029 J	0.029 J
	1-6	10/7/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/7/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-N-NN14	0-1	10/7/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.019 J	0.019 J
	1-6	10/7/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.064	0.047	0.111
	6-15	10/7/2003	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)	0.036 J	ND(0.046)	0.036 J
RAA10-N-NN16	0-1	10/20/2003	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.42)	3.0	3.0
	1-6	10/20/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.20	0.20
	6-15	10/20/2003	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)	ND(0.053)
RAA10-N-O7	1-6	11/14/2003	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	ND(0.040) [ND(0.040)]	0.67 [0.53]	0.81 [0.69]	1.48 [1.22]
	6-15	11/14/2003	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-N-O15	0-1	10/28/2003	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	0.81	3.4	3.1	7.31
RAA10-N-O20	0-1	10/28/2003	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	0.51	0.51
RAA10-N-O22	0-1	10/28/2003	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)
RAA10-N-OO7	0-1	10/22/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.39	0.39
	1-6	10/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.031 J	0.031 J
	6-15	10/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.34	0.34
RAA10-N-OO8	0-1	10/16/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.055	0.039	0.094
	1-6	10/16/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	10/16/2003	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)]	0.27 [0.35]	0.27 [0.35]
RAA10-N-OO16	0-1	10/22/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.042	0.042
	1-6	10/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/22/2003	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.035)]	ND(0.040) [ND(0.039)]	ND(0.040) [ND(0.039)]
RAA10-N-PP8	0-1	10/16/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.029 J	0.029 J
	1-6	10/16/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/16/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-N-PP12	0-1	10/16/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.37	0.37
	1-6	10/16/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.034 J	0.064	0.098
	6-15	10/16/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-N-PP14	6-15	10/20/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-Q20	0-1	10/28/2003	ND(0.25)	ND(0.25)	ND(0.25)	ND(0.25)	2.1	3.4	1.6	7.1

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(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
RAA10-N-Q22	0-1	10/28/2003	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	ND(0.11)	0.33	0.33
RAA10-N-QQ5	0-1	10/22/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.29	0.29
	1-6	10/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	10/22/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-N-QQ12	0-1	10/22/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.26	0.26
	1-6	10/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.011 J	0.011 J
	6-11	10/22/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-N-RR10	0-1	10/22/2003	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.6	1.6
	1-6	10/22/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	10/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-N-S20	0-1	10/28/2003	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	5.8	3.6	1.5	10.9
RAA10-N-S22	0-1	10/28/2003	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	0.55	0.27	0.82
RAA10-N-U5	1-6	10/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.020 J	0.016 J	0.036 J
	6-15	10/30/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-N-U20	0-1	10/28/2003	ND(0.14)	ND(0.14)	ND(0.14)	ND(0.14)	5.3	3.4	2.5	11.2
RAA10-N-U22	0-1	10/28/2003	ND(0.13)	ND(0.13)	ND(0.13)	ND(0.13)	3.7	1.9	0.80	6.4
RAA10-N-W3	1-6	10/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	10/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-W4	1-6	10/30/2003	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [0.019 J]	0.023 J [0.026 J]	0.023 J [0.045 J]
	6-15	10/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-N-W5	0-1	10/30/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.060	0.060
	1-6	10/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.036 J	0.061	0.097
	6-15	10/30/2003	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.019 J	ND(0.041)	0.019 J
RAA10-N-W20	0-1	10/28/2003	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	30	23	9.5	62.5
RAA10-N-W22	0-1	10/28/2003	ND(0.12)	ND(0.12)	ND(0.12)	ND(0.12)	4.1	2.8	0.92	7.82
RAA10-N-Y3	1-6	10/29/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	10/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.030 J	ND(0.036)	0.030 J
RAA10-N-Y6	0-1	11/11/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.011 J	0.011 J
	1-6	11/11/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	11/11/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.016 J	ND(0.040)	0.016 J
RAA10-N-Y7	1-6	11/12/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.10	0.12	0.22
	6-15	11/12/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-N-Y10	0-1	10/23/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.96	1.3	1.6	3.86
	1-6	10/23/2003	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)	34	11	45
	6-15	10/23/2003	ND(220)	ND(220)	ND(220)	ND(220)	ND(220)	3700	ND(220)	3700
RAA10-N-Y22	0-1	10/28/2003	ND(1.8)	ND(1.8)	ND(1.8)	ND(1.8)	17	9.6	6.2	32.8
RAA10-UB-02	0-1	10/28/2003	ND(0.040) [ND(0.044)]	ND(0.040) [ND(0.044)]	ND(0.040) [ND(0.044)]	ND(0.040) [ND(0.044)]	ND(0.040) [ND(0.044)]	0.28 [0.32]	0.41 [0.34]	0.69 [0.66]
RAA10-UB-05	0-1	10/28/2003	ND(0.57)	ND(0.57)	ND(0.57)	ND(0.57)	5.8	6.6	4.6	17.2
RAA10-UB-06	0-1	10/28/2003	ND(0.69)	ND(0.69)	ND(0.69)	ND(0.69)	8.6	10	5.6	24.2
RAA10-UB-07	0-1	10/28/2003	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	5.5	8.2	4.0	17.7
RAA10-UB-08	0-1	10/28/2003	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	11	12	7.9	30.9
RAA10-UB-09	0-1	10/28/2003	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	17	15	8.2	40.2
RAA10-UB-10	0-1	10/28/2003	ND(0.085)	ND(0.085)	ND(0.085)	ND(0.085)	1.1	1.1	0.52	2.72
RAA10-UB-11	0-1	10/28/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.19	0.20	0.39
RAA10-UB-25	0-1	11/6/2003	ND(7.2)	ND(7.2)	ND(7.2)	ND(7.2)	ND(7.2)	28	38	66
RAA10-UB-29	0-1	11/6/2003	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	ND(0.71)	7.6	9.1	16.7
RAA10-UB-45	0-1	11/6/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.21	0.26	0.47
RAA10-W-A18	0-1	9/2/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.023 JP	0.023 J
	1-6	9/2/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	9/2/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-B17	0-1	9/3/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	0.076 P	0.076
	1-6	9/3/2003	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]	ND(0.036) [ND(0.035)]
	6-15	9/3/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-W-B19	0-1	9/30/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	9/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	9/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-C13	0-1	9/3/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	9/3/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	9/3/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-C15	0-1	9/2/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	1-6	9/2/2003	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)
	6-15	9/2/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-C18	1-6	9/3/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	9/3/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-C19	0-1	9/25/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	9/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	9/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-D12	0-1	8/12/2003	ND(0.017)	ND(0.022)	ND(0.017)	ND(0.011)	ND(0.011)	ND(0.011)	0.018 P	0.018
	1-6	8/12/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	8/12/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-D19	0-1	5/29/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	5/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	5/29/2003	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]	ND(0.033) [ND(0.033)]
RAA10-W-D20	0-1	9/30/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	9/30/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	9/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-E8	1-6	5/30/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
	6-11	5/30/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-E9	0-1	5/30/2003	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	0.027	0.027
	1-6	5/30/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	5/30/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
RAA10-W-E10	0-1	8/12/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	8/12/2003	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]	ND(0.034) [ND(0.034)]
	6-12.3	8/12/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-E13	0-1	8/19/2003	ND(0.018)	ND(0.023)	ND(0.018)	ND(0.011)	ND(0.011)	ND(0.011)	0.15 P	0.15
	1-6	8/19/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	8/19/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-E19	0-1	5/30/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.098	0.098
	1-6	5/30/2003	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)]
	6-15	5/30/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
RAA10-W-E20	0-1	6/2/2003	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
	1-6	6/2/2003	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)
	6-15	6/2/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	0.099 P	0.099
RAA10-W-F5	0-1	6/2/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	6/2/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	6/2/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-F9	0-1	5/30/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	1-6	5/30/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
	6-12	5/30/2003	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)
RAA10-W-F13	0-1	5/28/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	5/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	5/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-F20	1-6	5/29/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	5/29/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-W-G9	0-1	8/13/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	8/13/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-12	8/13/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-G15	0-1	6/2/2003	ND(0.016)	ND(0.016)	ND(0.016)	ND(0.016)	ND(0.016)	ND(0.016)	0.080	0.080
	1-6	6/2/2003	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)
	6-15	6/2/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.034	0.034
RAA10-W-G20	0-1	9/24/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	9/24/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	9/24/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-G21	0-1	9/24/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	9/24/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	9/24/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-H10	0-1	8/13/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.091 P	0.091
	1-6	8/13/2003	ND(0.019)	ND(0.024)	ND(0.019)	ND(0.012)	ND(0.012)	ND(0.012)	ND(0.019)	ND(0.024)
	6-13	8/13/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-H15	0-1	5/28/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	1-6	5/28/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.050 P	0.050
	6-15	5/28/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-I10	0-1	8/19/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.061 P	0.061
	1-6	8/19/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	8/19/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-I17	0-1	8/20/2003	ND(0.018)	ND(0.022)	ND(0.018)	ND(0.011)	ND(0.011)	ND(0.011)	0.042 P	0.042
	1-6	8/20/2003	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)
	6-15	8/20/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-I21	1-6	5/29/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-15	5/29/2003	ND(0.035)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-I22	0-1	9/25/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.19	0.26	0.45
	1-6	9/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	9/25/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-J11	0-1	8/19/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	1-6	8/19/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	6-15	8/19/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-J17	0-1	8/20/2003	ND(0.018)	ND(0.022)	ND(0.018)	ND(0.011)	ND(0.011)	ND(0.011)	ND(0.018)	ND(0.022)
	1-6	8/20/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	6-15	8/20/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-J20	0-1	8/26/2003	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)	0.049 P	0.049
	1-6	8/26/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	6-15	8/26/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-J21	0-1	8/26/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	0.086 P	0.086
	1-6	8/26/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.069 P	0.069
	6-15	8/26/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-K11	0-1	8/19/2003	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	ND(0.066)	0.060 JP	0.060 J
	1-6	8/19/2003	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]	ND(0.035) [ND(0.037)]
	6-11	8/19/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA10-W-K17	0-1	8/20/2003	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	0.11 JP	0.11 J
	1-6	8/20/2003	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
	6-15	8/20/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-K18	0-1	8/25/2003	ND(0.64)	ND(0.64)	ND(0.64)	ND(0.64)	ND(0.64)	ND(0.64)	0.70 P	0.70
	1-6	8/25/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.056 P	0.056
	6-15	8/25/2003	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]	ND(0.039) [ND(0.037)]
RAA10-W-K19	0-1	8/25/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.27 P	0.27
	1-6	8/25/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.021 JP	0.021 J
	6-15	8/25/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)

TABLE 3
PRE-DESIGN INVESTIGATION SOIL AND SEDIMENT SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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
RAA10-W-K21	0-1	10/1/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.25	0.25
	1-6	10/1/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.039)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	10/1/2003	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)]	0.26 [ND(0.038)]	ND(0.038) [ND(0.038)]	0.26 [ND(0.038)]
RAA10-W-L12	0-1	8/18/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	8/18/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-L18	0-1	9/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.0	1.0
	1-6	9/22/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-13	9/22/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-L19	0-1	9/23/2003	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(0.057)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
	1-6	9/23/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	9/23/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-W-L20	0-1	10/1/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.11	0.28	0.39
	1-6	10/1/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	10/1/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-W-M12	0-1	8/18/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	8/18/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-8	8/18/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-M13	0-1	8/18/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	8/18/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-12	8/18/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-M15	0-1	8/18/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.013 JP	0.013 J
	1-6	8/18/2003	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	6-12	8/18/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-M17	0-1	9/23/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.22	0.22
	1-6	9/23/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	1.0	1.0
	6-15	9/23/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-N12	0-1	9/22/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.068	0.068
	1-6	9/22/2003	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-10	9/22/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.024 J	0.024 J
RAA10-W-N13	0-1	9/23/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	9/23/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-12	9/23/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-N17	1-6	9/23/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	9/23/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-W-N18	0-1	10/1/2003	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	0.053	0.053
	1-6	10/1/2003	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	10/1/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)

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

Data Qualifiers:

Organics
J - Indicates an estimated value less than the practical quantitation limit (PQL).
P - Greater than 25% difference between primary and confirmation column.

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-AA2 0-1 10/29/03	RAA10-N-AA2 6-8 10/29/03	RAA10-N-AA2 6-15 10/29/03	RAA10-N-AA6 6-15 11/11/03	RAA10-N-AA6 12-14 11/11/03	RAA10-N-AA10 0-1 10/24/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
1,2-Dichloroethane	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
2-Butanone	ND(0.013)	ND(0.011)	NA	NA	ND(0.011)	ND(0.011)
4-Methyl-2-pentanone	ND(0.013)	ND(0.011)	NA	NA	ND(0.011)	ND(0.011)
Acetone	ND(0.026)	ND(0.021)	NA	NA	ND(0.023)	ND(0.023)
Acetonitrile	ND(0.13)	ND(0.11)	NA	NA	ND(0.11)	ND(0.11)
Benzene	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Bromomethane	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Carbon Disulfide	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Chlorobenzene	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Chloroform	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Chloromethane	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Ethylbenzene	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Methyl Methacrylate	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Methylene Chloride	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Propionitrile	ND(0.013)	ND(0.011)	NA	NA	ND(0.011)	ND(0.011)
Toluene	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
trans-1,4-Dichloro-2-butene	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Trichloroethene	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Trichlorofluoromethane	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Xylenes (total)	ND(0.0064)	ND(0.0054)	NA	NA	ND(0.0057)	ND(0.0057)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
1,2-Dichlorobenzene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
1,4-Dichlorobenzene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2,4,6-Trichlorophenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2,4-Dichlorophenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2,4-Dimethylphenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2,6-Dichlorophenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2-Chlorophenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2-Methylnaphthalene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
2-Methylphenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
3&4-Methylphenol	ND(0.86)	NA	ND(0.75)	ND(0.73)	NA	ND(0.77)
4-Nitrophenol	ND(2.2)	NA	ND(1.9)	ND(1.9)	NA	ND(1.9)
Acenaphthene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Acenaphthylene	0.40 J	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Aniline	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Anthracene	0.30 J	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Benzo(a)anthracene	0.74	NA	ND(0.37)	ND(0.36)	NA	0.18 J
Benzo(a)pyrene	0.67	NA	ND(0.37)	ND(0.36)	NA	0.15 J
Benzo(b)fluoranthene	0.54	NA	ND(0.37)	ND(0.36)	NA	0.16 J
Benzo(g,h,i)perylene	0.44	NA	ND(0.37)	ND(0.36)	NA	0.12 J
Benzo(k)fluoranthene	0.73	NA	ND(0.37)	ND(0.36)	NA	0.20 J
Benzyl Alcohol	ND(0.86)	NA	ND(0.75)	ND(0.73)	NA	ND(0.77)
bis(2-Ethylhexyl)phthalate	ND(0.42)	NA	ND(0.37)	ND(0.36)	NA	0.20 J
Butylbenzylphthalate	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Chrysene	1.0	NA	ND(0.37)	ND(0.36)	NA	0.26 J
Dibenzo(a,h)anthracene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Dibenzofuran	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Diethylphthalate	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Dimethylphthalate	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Di-n-Octylphthalate	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Fluoranthene	2.0	NA	ND(0.37)	ND(0.36)	NA	0.51
Fluorene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Hexachlorobenzene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-AA2 0-1 10/29/03	RAA10-N-AA2 6-8 10/29/03	RAA10-N-AA2 6-15 10/29/03	RAA10-N-AA6 6-15 11/11/03	RAA10-N-AA6 12-14 11/11/03	RAA10-N-AA10 0-1 10/24/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	0.37 J	NA	ND(0.37)	ND(0.36)	NA	0.10 J
Naphthalene	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
N-Nitroso-di-n-propylamine	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Pentachlorophenol	ND(2.2)	NA	ND(1.9)	ND(1.9)	NA	ND(1.9)
Phenanthrene	0.86	NA	ND(0.37)	ND(0.36)	NA	0.18 J
Phenol	ND(0.43)	NA	ND(0.37)	ND(0.36)	NA	ND(0.38)
Pyrene	1.8	NA	ND(0.37)	ND(0.36)	NA	0.41
Furans						
2,3,7,8-TCDF	0.000017 Y	NA	ND(0.00000022) X	ND(0.00000022)	NA	ND(0.00000054) X
TCDFs (total)	0.00041 Q	NA	0.00000078	ND(0.00000022)	NA	0.0000032
1,2,3,7,8-PeCDF	0.0000068	NA	0.00000014 J	ND(0.00000055)	NA	0.00000033 J
2,3,4,7,8-PeCDF	0.000034	NA	0.00000012 J	ND(0.00000055)	NA	0.00000072 J
PeCDFs (total)	0.00022 Q	NA	0.00000099	ND(0.00000055)	NA	0.0000070 Q
1,2,3,4,7,8-HxCDF	0.000010	NA	0.000000082 J	ND(0.00000055)	NA	0.0000012 J
1,2,3,6,7,8-HxCDF	0.000012	NA	0.00000012 J	ND(0.00000055)	NA	0.00000066 J
1,2,3,7,8,9-HxCDF	0.0000018 JQ	NA	ND(0.00000054)	ND(0.00000055)	NA	0.00000043 JQ
2,3,4,6,7,8-HxCDF	0.000033	NA	0.000000060 J	ND(0.00000055)	NA	0.00000099 J
HxCDFs (total)	0.00048 Q	NA	0.00000099	ND(0.00000055)	NA	0.000027 Q
1,2,3,4,6,7,8-HpCDF	0.000034	NA	0.00000014 J	0.00000020 J	NA	0.000025
1,2,3,4,7,8,9-HpCDF	0.0000044 J	NA	ND(0.00000054)	ND(0.00000055)	NA	0.0000016 J
HpCDFs (total)	0.000094	NA	0.00000024	0.00000020	NA	0.00011
OCDF	0.000022	NA	ND(0.000000086) X	ND(0.0000011)	NA	0.00013
Dioxins						
2,3,7,8-TCDD	ND(0.00000038) X	NA	ND(0.00000016) X	ND(0.00000032)	NA	ND(0.00000026)
TCDDs (total)	0.0000090 Q	NA	ND(0.00000056)	ND(0.00000068)	NA	0.00000022
1,2,3,7,8-PeCDD	0.00000033 J	NA	ND(0.000000065) X	ND(0.00000055)	NA	ND(0.00000041) X
PeCDDs (total)	0.000012 Q	NA	ND(0.00000073)	ND(0.0000010)	NA	0.0000027 Q
1,2,3,4,7,8-HxCDD	0.0000013 J	NA	ND(0.00000012) X	ND(0.00000055)	NA	0.00000094 J
1,2,3,6,7,8-HxCDD	0.0000028 J	NA	0.000000095 J	ND(0.00000055)	NA	0.0000052 J
1,2,3,7,8,9-HxCDD	0.0000020 JQ	NA	0.000000086 J	ND(0.00000055)	NA	0.0000027 J
HxCDDs (total)	0.000025 Q	NA	0.00000018	ND(0.00000055)	NA	0.000023
1,2,3,4,6,7,8-HpCDD	0.000023	NA	0.00000040 J	0.00000052 J	NA	0.00017
HpCDDs (total)	0.000049	NA	0.00000065	0.00000052	NA	0.00026
OCDD	0.00020	NA	0.0000034 J	0.0000023 J	NA	0.0015
Total TEQs (WHO TEFs)	0.000026	NA	0.00000028	0.00000080	NA	0.0000041
Inorganics						
Antimony	ND(6.00)	NA	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	3.70	NA	5.20	3.30	NA	2.60
Barium	27.0	NA	23.0	14.0 B	NA	50.0
Beryllium	0.190 B	NA	0.340 B	0.290 B	NA	0.300 B
Cadmium	0.450 B	NA	0.200 B	0.260 B	NA	0.340 B
Chromium	6.00	NA	7.20	5.00	NA	9.80
Cobalt	4.20 B	NA	9.60	7.90	NA	3.80 B
Copper	14.0	NA	16.0	13.0	NA	10.0
Cyanide	0.230	NA	ND(0.110)	ND(0.110)	NA	0.110 B
Lead	67.0	NA	7.50	4.90	NA	14.0
Mercury	0.150	NA	0.00870 B	ND(0.110)	NA	0.0650 B
Nickel	7.90	NA	15.0	11.0	NA	7.40
Selenium	1.20	NA	1.30	ND(1.00)	NA	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	0.120 B	NA	ND(1.00)
Sulfide	ND(6.40)	NA	7.10	ND(5.50)	NA	ND(5.70)
Thallium	ND(1.30)	NA	ND(1.10)	ND(1.10)	NA	ND(1.10)
Tin	4.20 B	NA	3.00 B	2.90 B	NA	3.40 B
Vanadium	12.0	NA	6.60	4.90 B	NA	12.0
Zinc	47.0	NA	48.0	33.0	NA	25.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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	RAA10-N-AA10 1-6 10/24/03	RAA10-N-AA10 4-6 10/24/03	RAA10-N-AA14 0-1 10/02/03	RAA10-N-AA18 0-1 10/01/03
Volatile Organics				
1,1,1-Trichloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
1,2-Dichloroethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
2-Butanone	NA	ND(0.011) [ND(0.011)]	ND(0.11)	ND(0.12)
4-Methyl-2-pentanone	NA	ND(0.011) [ND(0.011)]	ND(0.011)	ND(0.012)
Acetone	NA	ND(0.022) [ND(0.023)]	ND(0.11)	ND(0.12)
Acetonitrile	NA	ND(0.11) [ND(0.11)]	ND(0.11)	ND(0.12)
Benzene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Bromomethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.011)	ND(0.012)
Carbon Disulfide	NA	ND(0.0056) [ND(0.0056)]	ND(0.011)	ND(0.012)
Chlorobenzene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Chloroform	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Chloromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.011)	ND(0.012)
Ethylbenzene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Methyl Methacrylate	NA	ND(0.0056) [ND(0.0056)]	ND(0.011)	ND(0.012)
Methylene Chloride	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Propionitrile	NA	ND(0.011) [ND(0.011)]	ND(0.056)	ND(0.062)
Toluene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
trans-1,4-Dichloro-2-butene	NA	ND(0.0056) [ND(0.0056)]	ND(0.011)	ND(0.012)
Trichloroethene	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Trichlorofluoromethane	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Xylenes (total)	NA	ND(0.0056) [ND(0.0056)]	ND(0.0056)	ND(0.0062)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
1,2,4 Trichlorobenzene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
1,2-Dichlorobenzene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
1,4-Dichlorobenzene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2,4,6-Trichlorophenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2,4-Dichlorophenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2,4-Dimethylphenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2,6-Dichlorophenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2-Chlorophenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2-Methylnaphthalene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
2-Methylphenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
3&4-Methylphenol	ND(0.75) [ND(0.75)]	NA	ND(0.76)	ND(0.83)
4-Nitrophenol	ND(1.9) [ND(1.9)]	NA	ND(1.9)	ND(2.1)
Acenaphthene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Acenaphthylene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Aniline	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Anthracene	ND(0.37) [ND(0.37)]	NA	0.086 J	ND(0.41)
Benzo(a)anthracene	ND(0.37) [ND(0.37)]	NA	0.51	0.14 J
Benzo(a)pyrene	ND(0.37) [ND(0.37)]	NA	0.81	0.18 J
Benzo(b)fluoranthene	ND(0.37) [ND(0.37)]	NA	0.76	0.17 J
Benzo(g,h,i)perylene	ND(0.37) [ND(0.37)]	NA	0.54	0.13 J
Benzo(k)fluoranthene	ND(0.37) [ND(0.37)]	NA	0.83	0.15 J
Benzyl Alcohol	0.18 J [ND(0.75)]	NA	ND(0.76)	ND(0.83)
bis(2-Ethylhexyl)phthalate	ND(0.37) [ND(0.37)]	NA	ND(0.37)	ND(0.41)
Butylbenzylphthalate	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Chrysene	ND(0.37) [ND(0.37)]	NA	0.64	0.15 J
Dibenzo(a,h)anthracene	ND(0.37) [ND(0.37)]	NA	0.16 J	0.091 J
Dibenzofuran	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Diethylphthalate	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Dimethylphthalate	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Di-n-Octylphthalate	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Fluoranthene	ND(0.37) [ND(0.37)]	NA	0.83	0.26 J
Fluorene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Hexachlorobenzene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-AA10 1-6 10/24/03	RAA10-N-AA10 4-6 10/24/03	RAA10-N-AA14 0-1 10/02/03	RAA10-N-AA18 0-1 10/01/03
Semivolatile Organics (continued)				
Indeno(1,2,3-cd)pyrene	ND(0.37) [ND(0.37)]	NA	0.61	0.15 J
Naphthalene	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
N-Nitroso-di-n-propylamine	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Pentachlorophenol	ND(1.9) [ND(1.9)]	NA	ND(1.9)	ND(2.1)
Phenanthrene	ND(0.37) [ND(0.37)]	NA	0.44	0.28 J
Phenol	ND(0.37) [ND(0.37)]	NA	ND(0.38)	ND(0.41)
Pyrene	ND(0.37) [ND(0.37)]	NA	1.1	0.32 J
Furans				
2,3,7,8-TCDF	0.0000014 J [0.00000098 J]	NA	ND(0.00000035)	ND(0.0000011) Y
TCDFs (total)	0.0000090 [0.0000048]	NA	0.00036 I	0.00020 I
1,2,3,7,8-PeCDF	0.0000013 J [0.00000077 J]	NA	0.0000030	0.0000022
2,3,4,7,8-PeCDF	0.0000018 J [0.0000011 J]	NA	0.0000036	0.00000064
PeCDFs (total)	0.000012 [0.0000068]	NA	0.0013 I	0.00018 I
1,2,3,4,7,8-HxCDF	0.00000090 J [0.00000072 J]	NA	0.000098 I	0.000012 I
1,2,3,6,7,8-HxCDF	ND(0.00000046) X [ND(0.00000042) X]	NA	0.0000072	0.00000046
1,2,3,7,8,9-HxCDF	0.00000029 J [0.00000024 J]	NA	ND(0.00000031)	ND(0.00000032)
2,3,4,6,7,8-HxCDF	0.00000062 J [0.00000048 J]	NA	ND(0.00000028)	0.00000071
HxCDFs (total)	0.0000084 [0.0000072]	NA	0.00082 I	0.000096 I
1,2,3,4,6,7,8-HpCDF	0.0000016 J [0.0000013 J]	NA	0.000013	0.0000043
1,2,3,4,7,8,9-HpCDF	ND(0.00000056) X [0.00000048 J]	NA	0.0000055	0.0000021
HpCDFs (total)	0.0000038 [0.0000036]	NA	0.00012 I	0.000015
OCDF	0.0000040 J [0.0000033 J]	NA	0.0000067	0.000021
Dioxins				
2,3,7,8-TCDD	ND(0.00000021) X [ND(0.00000022)]	NA	ND(0.00000016)	ND(0.00000030)
TCDDs (total)	ND(0.00000071) [ND(0.00000076)]	NA	0.0000047	0.000010
1,2,3,7,8-PeCDD	ND(0.00000053) [ND(0.00000054)]	NA	ND(0.0000015)	ND(0.0000014)
PeCDDs (total)	0.00000025 [ND(0.00000054)]	NA	ND(0.0000015)	ND(0.0000014)
1,2,3,4,7,8-HxCDD	ND(0.00000053) [ND(0.00000054)]	NA	ND(0.00000047)	ND(0.00000064)
1,2,3,6,7,8-HxCDD	0.00000025 J [ND(0.00000054)]	NA	ND(0.00000049)	ND(0.00000070)
1,2,3,7,8,9-HxCDD	0.00000022 J [ND(0.00000054)]	NA	ND(0.00000047)	ND(0.00000067)
HxCDDs (total)	0.0000012 [0.00000030]	NA	ND(0.00000049)	ND(0.00000070)
1,2,3,4,6,7,8-HpCDD	0.0000013 J [0.00000087 J]	NA	0.0000067	0.0000030
HpCDDs (total)	0.0000022 [0.0000014]	NA	0.000015	0.0000076
OCDD	0.0000066 J [0.0000043 J]	NA	0.000040	0.000015
Total TEQs (WHO TEFs)	0.0000018 [0.0000013]	NA	0.000014	0.0000029
Inorganics				
Antimony	ND(6.00) [ND(6.00)]	NA	1.10 B	1.40 B
Arsenic	3.00 [2.80]	NA	3.00	5.30
Barium	19.0 B [18.0 B]	NA	23.0	170
Beryllium	0.240 B [0.250 B]	NA	0.210 B	0.290 B
Cadmium	0.470 B [0.420 B]	NA	0.120 B	0.300 B
Chromium	5.00 [4.60]	NA	5.30	9.60
Cobalt	5.20 [5.20]	NA	4.90 B	30.0
Copper	10.0 [11.0]	NA	12.0	23.0
Cyanide	ND(0.110) [ND(0.110)]	NA	0.0360 B	0.0710 B
Lead	5.70 [5.80]	NA	9.00	16.0
Mercury	ND(0.110) [0.0100 B]	NA	0.0130 B	ND(0.120)
Nickel	9.20 [8.60]	NA	8.40	13.0
Selenium	ND(1.00) [ND(1.00)]	NA	ND(1.00)	ND(1.00)
Silver	ND(1.00) [ND(1.00)]	NA	ND(1.00)	ND(1.00)
Sulfide	ND(5.60) [ND(5.60)]	NA	9.00	ND(6.20)
Thallium	ND(1.10) [ND(1.10)]	NA	ND(1.10)	ND(1.20)
Tin	2.70 B [2.80 B]	NA	3.90 B	3.40 B
Vanadium	5.60 [5.40]	NA	6.40	11.0
Zinc	30.0 [28.0]	NA	34.0	43.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-AA18 8-10 10/01/03	RAA10-N-CC3 6-15 10/29/03	RAA10-N-CC3 8-10 10/29/03	RAA10-N-CC4 0-1 10/28/03	RAA10-N-CC8 0-1 10/24/03	RAA10-N-CC8 6-15 10/24/03
Volatile Organics						
1,1,1-Trichloroethane	ND(2.4)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
1,2-Dichloroethane	ND(2.4)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
2-Butanone	ND(48)	NA	ND(0.011)	ND(0.011)	ND(0.012)	NA
4-Methyl-2-pentanone	ND(4.8)	NA	ND(0.011)	ND(0.011)	ND(0.012)	NA
Acetone	ND(48)	NA	ND(0.022)	ND(0.023)	ND(0.024)	NA
Acetonitrile	ND(48)	NA	ND(0.11)	ND(0.11)	ND(0.12)	NA
Benzene	8.8	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Bromomethane	ND(4.8)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Carbon Disulfide	ND(4.8)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Chlorobenzene	3.1	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Chloroform	4.7	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Chloromethane	ND(4.8)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Ethylbenzene	ND(2.4)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Methyl Methacrylate	ND(4.8)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Methylene Chloride	5.2	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Propionitrile	ND(24)	NA	ND(0.011)	ND(0.011)	ND(0.012)	NA
Toluene	12	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
trans-1,4-Dichloro-2-butene	ND(4.8)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Trichloroethene	64	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Trichlorofluoromethane	ND(2.4)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Xylenes (total)	ND(2.4)	NA	ND(0.0054)	ND(0.0057)	ND(0.0060)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
1,2,4-Trichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
1,2-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
1,4-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2,4,6-Trichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2,4-Dichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2,4-Dimethylphenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2,6-Dichlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2-Chlorophenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2-Methylnaphthalene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
2-Methylphenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
3&4-Methylphenol	NA	ND(0.74)	NA	ND(0.76)	ND(0.80)	ND(0.76)
4-Nitrophenol	NA	ND(1.9)	NA	ND(1.9)	ND(2.0)	ND(1.9)
Acenaphthene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Acenaphthylene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Aniline	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Anthracene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Benzo(a)anthracene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Benzo(a)pyrene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Benzo(b)fluoranthene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Benzo(g,h,i)perylene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Benzo(k)fluoranthene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Benzyl Alcohol	NA	ND(0.74)	NA	ND(0.76)	ND(0.80)	ND(0.76)
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	ND(0.38)	ND(0.40)	ND(0.37)
Butylbenzylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Chrysene	NA	ND(0.37)	NA	ND(0.38)	0.090 J	ND(0.38)
Dibenzo(a,h)anthracene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Dibenzofuran	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Diethylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Dimethylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Di-n-Octylphthalate	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Fluoranthene	NA	ND(0.37)	NA	ND(0.38)	0.13 J	ND(0.38)
Fluorene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Hexachlorobenzene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-AA18 8-10 10/01/03	RAA10-N-CC3 6-15 10/29/03	RAA10-N-CC3 8-10 10/29/03	RAA10-N-CC4 0-1 10/28/03	RAA10-N-CC8 0-1 10/24/03	RAA10-N-CC8 6-15 10/24/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Naphthalene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
N-Nitroso-di-n-propylamine	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Pentachlorophenol	NA	ND(1.9)	NA	ND(1.9)	ND(2.0)	ND(1.9)
Phenanthrene	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Phenol	NA	ND(0.37)	NA	ND(0.38)	ND(0.40)	ND(0.38)
Pyrene	NA	ND(0.37)	NA	ND(0.38)	0.13 J	ND(0.38)
Furans						
2,3,7,8-TCDF	NA	0.00000018 J	NA	0.0000014 J	0.0000037 Y	0.00000048 J
TCDFs (total)	NA	0.00000047	NA	0.000014	0.00010	0.0000013
1,2,3,7,8-PeCDF	NA	0.00000011 J	NA	0.00000038 J	0.0000018 J	0.00000028 J
2,3,4,7,8-PeCDF	NA	0.00000010 J	NA	0.00000096 J	0.0000059	0.00000042 J
PeCDFs (total)	NA	0.00000047	NA	0.000020	0.00015 Q	0.0000026
1,2,3,4,7,8-HxCDF	NA	0.00000014 J	NA	ND(0.00000053) X	0.0000038 J	0.00000024 J
1,2,3,6,7,8-HxCDF	NA	ND(0.00000013) X	NA	0.00000049 J	0.0000024 J	0.00000026 J
1,2,3,7,8,9-HxCDF	NA	ND(0.000000053) X	NA	0.00000027 J	ND(0.0000010)	ND(0.00000056)
2,3,4,6,7,8-HxCDF	NA	ND(0.000000049) X	NA	0.00000067 J	0.0000058	ND(0.00000056)
HxCDFs (total)	NA	0.00000043	NA	0.000012	0.00010	0.0000024
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000014) X	NA	0.0000044 J	0.000013	0.00000034 J
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000051)	NA	0.00000040 J	0.0000019 J	ND(0.00000056)
HpCDFs (total)	NA	0.00000012	NA	0.0000085	0.000032	0.00000068
OCDF	NA	0.00000012 J	NA	0.0000035 J	0.000014	0.00000040 J
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000016) X	NA	ND(0.00000022)	ND(0.00000029) X	ND(0.00000039)
TCDDs (total)	NA	0.000000033	NA	ND(0.00000084)	0.00000054	ND(0.00000075)
1,2,3,7,8-PeCDD	NA	ND(0.000000053) X	NA	0.00000026 J	ND(0.00000057) X	ND(0.00000056)
PeCDDs (total)	NA	ND(0.00000070)	NA	0.00000026	0.0000028	ND(0.00000056)
1,2,3,4,7,8-HxCDD	NA	ND(0.000000078) X	NA	0.00000015 J	0.00000054 J	ND(0.00000056)
1,2,3,6,7,8-HxCDD	NA	0.000000078 J	NA	ND(0.00000040) X	0.0000016 J	ND(0.00000056)
1,2,3,7,8,9-HxCDD	NA	ND(0.000000098) X	NA	0.00000031 J	0.0000013 J	ND(0.00000056)
HxCDDs (total)	NA	0.000000078	NA	0.0000013	0.000017	ND(0.00000056)
1,2,3,4,6,7,8-HpCDD	NA	0.00000034 J	NA	0.0000032 J	0.000018	0.00000055 J
HpCDDs (total)	NA	0.00000053	NA	0.0000054	0.000033	0.00000087
OCDD	NA	0.0000025 J	NA	0.000023	0.00016	0.0000025 J
Total TEQs (WHO TEFs)	NA	0.00000023	NA	0.0000013	0.0000058	0.00000095
Inorganics						
Antimony	NA	ND(6.00)	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	NA	3.50	NA	2.90	3.80	2.40
Barium	NA	46.0	NA	21.0	30.0	15.0 B
Beryllium	NA	0.270 B	NA	0.230 B	0.300 B	0.310 B
Cadmium	NA	0.650	NA	0.400 B	0.610	0.360 B
Chromium	NA	7.10	NA	5.00	9.20	4.80
Cobalt	NA	6.20	NA	4.80 B	5.40	5.00 B
Copper	NA	13.0	NA	8.00	29.0	8.60
Cyanide	NA	ND(0.550)	NA	ND(0.570)	0.0990 B	ND(0.110)
Lead	NA	5.80	NA	5.80	22.0	3.90
Mercury	NA	0.00850 B	NA	ND(0.110)	0.160	0.0340 B
Nickel	NA	13.0	NA	8.40	9.70	8.40
Selenium	NA	0.760 B	NA	ND(1.00)	ND(1.00)	ND(1.00)
Silver	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	ND(5.50)	NA	380	160	ND(5.70)
Thallium	NA	ND(1.10)	NA	ND(1.10)	ND(1.20)	ND(1.10)
Tin	NA	2.60 B	NA	3.20 B	3.60 B	2.70 B
Vanadium	NA	5.50	NA	6.50	12.0	5.80
Zinc	NA	40.0	NA	27.0	45.0	25.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-CC8 10-12 10/24/03	RAA10-N-CC14 0-1 10/23/03	RAA10-N-CC14 6-8 10/23/03	RAA10-N-CC14 6-15 10/23/03	RAA10-N-CC20 0-1 10/02/03	RAA10-N-EE3 0-1 10/29/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
1,2-Dichloroethane	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
2-Butanone	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.11)	ND(0.012)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.011)	ND(0.012)
Acetone	ND(0.021)	ND(0.022)	ND(0.023)	NA	ND(0.11)	ND(0.025)
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.12)	NA	ND(0.11)	ND(0.12)
Benzene	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Bromomethane	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.011)	ND(0.0062)
Carbon Disulfide	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.011)	ND(0.0062)
Chlorobenzene	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Chloroform	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Chloromethane	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.011)	ND(0.0062)
Ethylbenzene	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Methyl Methacrylate	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.011)	ND(0.0062)
Methylene Chloride	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Propionitrile	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.054)	ND(0.012)
Toluene	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.011)	ND(0.0062)
Trichloroethene	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Trichlorofluoromethane	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Xylenes (total)	ND(0.0053)	ND(0.0056)	ND(0.0058)	NA	ND(0.0054)	ND(0.0062)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
1,2,4-Trichlorobenzene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
1,2-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
1,4-Dichlorobenzene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2,4,6-Trichlorophenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2,4-Dichlorophenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2,4-Dimethylphenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2,5-Dichlorophenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2-Chlorophenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2-Methylnaphthalene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
2-Methylphenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
3&4-Methylphenol	NA	ND(0.75)	NA	ND(0.83)	ND(0.73)	ND(0.83)
4-Nitrophenol	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	ND(2.1)
Acenaphthene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Acenaphthylene	NA	0.14 J	NA	ND(0.41)	0.13 J	0.12 J
Aniline	NA	ND(0.37)	NA	ND(0.41)	0.14 J	ND(0.41)
Anthracene	NA	0.097 J	NA	ND(0.41)	0.15 J	0.14 J
Benzo(a)anthracene	NA	0.27 J	NA	ND(0.41)	0.51	0.41 J
Benzo(a)pyrene	NA	0.38	NA	ND(0.41)	0.90	0.28 J
Benzo(b)fluoranthene	NA	0.32 J	NA	ND(0.41)	1.7	0.25 J
Benzo(g,h,i)perylene	NA	0.31 J	NA	ND(0.41)	0.69	0.18 J
Benzo(k)fluoranthene	NA	0.31 J	NA	ND(0.41)	1.2	0.37 J
Benzyl Alcohol	NA	ND(0.75)	NA	ND(0.83)	ND(0.73)	ND(0.83)
bis(2-Ethylhexyl)phthalate	NA	ND(0.37)	NA	ND(0.41)	0.18 J	ND(0.41)
Butylbenzylphthalate	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Chrysene	NA	0.34 J	NA	ND(0.41)	1.0	0.46
Dibenzo(a,h)anthracene	NA	0.084 J	NA	ND(0.41)	0.22 J	ND(0.41)
Dibenzofuran	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Diethylphthalate	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Dimethylphthalate	NA	ND(0.37)	NA	ND(0.41)	0.69	ND(0.41)
Di-n-Octylphthalate	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Fluoranthene	NA	0.45	NA	ND(0.41)	0.70	0.99
Fluorene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Hexachlorobenzene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-CC8 10-12 10/24/03	RAA10-N-CC14 0-1 10/23/03	RAA10-N-CC14 6-8 10/23/03	RAA10-N-CC14 6-15 10/23/03	RAA10-N-CC20 0-1 10/02/03	RAA10-N-EE3 0-1 10/29/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	0.25 J	NA	ND(0.41)	0.73	0.16 J
Naphthalene	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
N-Nitroso-di-n-propylamine	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Pentachlorophenol	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	ND(2.1)
Phenanthrene	NA	0.18 J	NA	ND(0.41)	0.21 J	0.41 J
Phenol	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	ND(0.41)
Pyrene	NA	0.46	NA	ND(0.41)	1.2	0.88
Furans						
2,3,7,8-TCDF	NA	0.0000020 Y	NA	0.00000021 J	ND(0.0000014) Y	0.0000069 Y
TCDFs (total)	NA	0.000057	NA	0.00000070	0.00046 I	0.00011 Q
1,2,3,7,8-PeCDF	NA	0.0000012 J	NA	0.000000093 J	0.0000058	0.0000026 J
2,3,4,7,8-PeCDF	NA	0.0000045	NA	0.00000014 J	0.0000069	0.0000086
PeCDFs (total)	NA	0.000070 Q	NA	0.00000074	0.00058 I	0.000058 Q
1,2,3,4,7,8-HxCDF	NA	0.0000039	NA	ND(0.00000025) X	0.000037 I	0.0000065
1,2,3,6,7,8-HxCDF	NA	0.0000022 J	NA	0.00000013 J	0.0000021	0.0000052 J
1,2,3,7,8,9-HxCDF	NA	0.00000073 JQ	NA	ND(0.000000077) X	ND(0.00000038)	0.0000011 JQ
2,3,4,6,7,8-HxCDF	NA	0.0000043	NA	0.000000072 J	0.0000068	0.000016
HxCDFs (total)	NA	0.000070 Q	NA	0.00000052	0.00032 I	0.00025 Q
1,2,3,4,6,7,8-HpCDF	NA	0.000011	NA	0.00000018 J	0.000026	0.000027
1,2,3,4,7,8,9-HpCDF	NA	0.0000017 J	NA	0.000000079 J	ND(0.00000061)	0.0000034 J
HpCDFs (total)	NA	0.000028	NA	0.00000037	0.000050	0.000078
OCDF	NA	0.000010	NA	0.00000015 J	0.000037	0.000014
Dioxins						
2,3,7,8-TCDD	NA	0.00000027 J	NA	ND(0.00000013)	ND(0.00000031)	ND(0.00000036) X
TCDDs (total)	NA	0.00000066	NA	ND(0.00000038)	0.000012	0.0000055
1,2,3,7,8-PeCDD	NA	0.00000058 J	NA	ND(0.00000030)	ND(0.0000016)	0.0000018 J
PeCDDs (total)	NA	0.0000053 Q	NA	ND(0.00000056)	ND(0.0000016)	0.000012 Q
1,2,3,4,7,8-HxCDD	NA	ND(0.00000044) X	NA	ND(0.00000030)	ND(0.0000010)	0.0000013 J
1,2,3,6,7,8-HxCDD	NA	0.0000014 J	NA	ND(0.00000030)	ND(0.0000011)	0.0000020 J
1,2,3,7,8,9-HxCDD	NA	0.0000011 J	NA	ND(0.00000030)	ND(0.0000011)	0.0000019 JQ
HxCDDs (total)	NA	0.000015	NA	ND(0.00000030)	ND(0.0000011)	0.000031 Q
1,2,3,4,6,7,8-HpCDD	NA	0.000017	NA	0.00000022 J	0.000022	0.000017
HpCDDs (total)	NA	0.000031	NA	0.00000022	0.000043	0.000036
OCDD	NA	0.00014	NA	0.0000013 J	0.00012	0.00014
Total TEQs (WHO TEFs)	NA	0.0000051	NA	0.00000040	0.000010	0.000011
Inorganics						
Antimony	NA	ND(6.00)	NA	ND(6.00)	1.40 B	ND(6.00)
Arsenic	NA	2.90	NA	2.90	5.30	4.70
Barium	NA	17.0 B	NA	20.0	23.0	30.0
Beryllium	NA	0.210 B	NA	0.250 B	0.180 B	0.190 B
Cadmium	NA	0.450 B	NA	0.510	0.120 B	0.340 B
Chromium	NA	6.80	NA	6.50	6.50	6.60
Cobalt	NA	4.50 B	NA	8.60	5.40	6.00
Copper	NA	8.90	NA	10.0	19.0	16.0
Cyanide	NA	0.0770 B	NA	ND(0.120)	0.0580 B	0.170
Lead	NA	9.70	NA	4.70	19.0	32.0
Mercury	NA	0.0620 B	NA	ND(0.120)	0.140	0.0600 B
Nickel	NA	8.50	NA	11.0	9.40	11.0
Selenium	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)	1.20
Silver	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	NA	18.0	NA	52.0	7.00	36.0
Thallium	NA	ND(1.10)	NA	ND(1.20)	ND(1.10)	ND(1.20)
Tin	NA	3.00 B	NA	3.40 B	3.40 B	3.60 B
Vanadium	NA	7.30	NA	6.50	9.00	9.20
Zinc	NA	32.0	NA	34.0	36.0	120

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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	RAA10-N-EE5 0-1 10/28/03	RAA10-N-EE8 0-1 10/24/03	RAA10-N-EE14 0-1 11/10/03	RAA10-N-EE18 0-1 10/02/03	RAA10-N-EE18 6-15 10/02/03	RAA10-N-EE18 14-15 10/02/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	ND(110)
1,2-Dichloroethane	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	ND(110)
2-Butanone	ND(0.012)	ND(0.011)	ND(0.12)	ND(0.12)	NA	ND(2200)
4-Methyl-2 pentanone	ND(0.012)	ND(0.011)	ND(0.059)	ND(0.012)	NA	ND(220)
Acetone	ND(0.023)	ND(0.022)	ND(0.12)	ND(0.12)	NA	ND(2200)
Acetonitrile	ND(0.12)	ND(0.11)	ND(0.12)	ND(0.12)	NA	ND(2200)
Benzene	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	360
Bromomethane	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.012)	NA	ND(220)
Carbon Disulfide	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.012)	NA	ND(220)
Chlorobenzene	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	130
Chloroform	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	210
Chloromethane	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.012)	NA	ND(220)
Ethylbenzene	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	ND(110)
Methyl Methacrylate	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.012)	NA	ND(220)
Methylene Chloride	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	230
Propionitrile	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.062)	NA	ND(1100)
Toluene	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	480
trans-1,4-Dichloro-2-butene	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.012)	NA	ND(220)
Trichloroethene	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	2800
Trichlorofluoromethane	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	ND(110)
Xylenes (total)	ND(0.0058)	ND(0.0054)	ND(0.0059)	ND(0.0062)	NA	ND(110)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
1,2-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	1.4	NA
1,4-Dichlorobenzene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	1.4	NA
2,4,6-Trichlorophenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
2,4-Dichlorophenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
2,4-Dimethylphenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	1.6	NA
2,6-Dichlorophenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
2-Chlorophenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
2-Methylnaphthalene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	0.45 J	NA
2-Methylphenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	5.4	NA
3&4-Methylphenol	ND(0.78)	ND(0.72)	ND(0.79)	ND(0.84)	ND(1.0)	NA
4-Nitrophenol	ND(2.0)	ND(1.8)	ND(2.0)	ND(2.1)	ND(2.6)	NA
Acenaphthene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Acenaphthylene	ND(0.39)	0.19 J	ND(0.39)	ND(0.42)	ND(0.51)	NA
Aniline	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Anthracene	ND(0.39)	0.12 J	ND(0.39)	ND(0.42)	ND(0.51)	NA
Benzo(a)anthracene	0.10 J	0.18 J	0.39 J	0.091 J	6.2	NA
Benzo(a)pyrene	ND(0.39)	0.22 J	0.28 J	0.13 J	ND(0.51)	NA
Benzo(b)fluoranthene	ND(0.39)	0.20 J	0.29 J	0.18 J	ND(0.51)	NA
Benzo(g,h,i)perylene	ND(0.39)	0.20 J	0.20 J	0.10 J	ND(0.51)	NA
Benzo(k)fluoranthene	0.091 J	0.23 J	0.34 J	0.14 J	ND(0.51)	NA
Benzyl Alcohol	ND(0.78)	ND(0.72)	ND(0.79)	ND(0.84)	ND(1.0)	NA
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.36)	ND(0.39)	0.13 J	ND(0.51)	NA
Butylbenzylphthalate	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Chrysene	0.13 J	0.30 J	0.51	0.13 J	ND(0.51)	NA
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Dibenzofuran	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Diethylphthalate	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	6.6	NA
Dimethylphthalate	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Di-n-Octylphthalate	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Fluoranthene	0.21 J	0.44	1.1	0.13 J	ND(0.51)	NA
Fluorene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	0.14 J	NA
Hexachlorobenzene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-EE5 0-1 10/28/03	RAA10-N-EE8 0-1 10/24/03	RAA10-N-EE14 0-1 11/10/03	RAA10-N-EE18 0-1 10/02/03	RAA10-N-EE18 6-15 10/02/03	RAA10-N-EE18 14-15 10/02/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.39)	0.15 J	0.16 J	0.12 J	ND(0.51)	NA
Naphthalene	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	0.55	NA
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	ND(0.51)	NA
Pentachlorophenol	ND(2.0)	ND(1.8)	ND(2.5)	ND(2.1)	ND(2.6)	NA
Phenanthrene	ND(0.39)	0.16 J	0.41	ND(0.42)	0.16 J	NA
Phenol	ND(0.39)	ND(0.36)	ND(0.39)	ND(0.42)	0.74	NA
Pyrene	0.17 J	0.52	0.78	0.18 J	ND(0.51)	NA
Furans						
2,3,7,8-TCDF	0.0000019 JY	0.0000023 Y	ND(0.00000084) X	ND(0.0000012) Y	0.000045 Y	NA
TCDFs (total)	0.000071 I	0.000048	0.000010	0.00032 I	0.00030	NA
1,2,3,7,8-PeCDF	0.000025	0.0000016 J	0.00000071 J	0.0000049	ND(0.00000050)	NA
2,3,4,7,8-PeCDF	0.0000038 J	0.000011	0.0000016 J	0.0000030	0.000020	NA
PeCDFs (total)	0.000094	0.00014 Q	0.000012 Q	0.00048 I	0.00016 I	NA
1,2,3,4,7,8-HxCDF	0.0000092	0.0000038 J	0.00000094 J	0.000044 I	0.0000089	NA
1,2,3,6,7,8-HxCDF	0.0000019 J	0.0000034 J	0.00000077 J	ND(0.00000028)	0.0000013	NA
1,2,3,7,8,9-HxCDF	0.00000081 J	ND(0.0000011) X	ND(0.00000059)	ND(0.00000011)	ND(0.00000034)	NA
2,3,4,6,7,8-HxCDF	0.0000045 J	0.000010	0.0000013 J	0.0000031	0.0000013	NA
HxCDFs (total)	0.000080	0.00016 Q	0.000015	0.00030 I	0.000046 I	NA
1,2,3,4,6,7,8-HpCDF	0.0000087	0.000014	0.0000037 J	0.000018	ND(0.00000029)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000014) X	0.0000019 J	0.00000052 J	0.0000037	ND(0.00000036)	NA
HpCDFs (total)	0.000020	0.000039	0.0000071	0.000048	0.0000024	NA
OCDF	0.0000097 J	0.0000074 J	0.0000047 J	0.000036	0.0000046	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000022)	ND(0.00000026)	ND(0.00000039) X	ND(0.00000051)	ND(0.00000064)	NA
TCDDs (total)	ND(0.00000046)	0.00000036	0.0000014	0.0000029	ND(0.00000064)	NA
1,2,3,7,8-PeCDD	ND(0.00000080) X	0.00000090 J	0.00000054 J	ND(0.0000018)	ND(0.0000013)	NA
PeCDDs (total)	0.0000028	0.0000052 Q	0.0000016 Q	ND(0.0000018)	ND(0.0000013)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000056)	0.00000047 J	ND(0.00000040) X	ND(0.00000098)	ND(0.00000053)	NA
1,2,3,6,7,8-HxCDD	0.0000012 J	0.0000010 J	0.00000077 J	ND(0.0000010)	ND(0.00000059)	NA
1,2,3,7,8,9-HxCDD	0.00000096 J	0.00000089 J	0.0000013 J	ND(0.0000010)	ND(0.00000056)	NA
HxCDDs (total)	0.0000053	0.000014	0.0000089	ND(0.0000010)	ND(0.00000059)	NA
1,2,3,4,6,7,8-HpCDD	0.000011	0.0000056	0.0000069	0.000076	ND(0.00000039)	NA
HpCDDs (total)	0.000021	0.000012	0.000013	0.00014	ND(0.00000039)	NA
OCDD	0.000095	0.000043	0.000051	0.00061	0.000014	NA
Total TEQs (WHO TEFs)	0.0000059	0.0000091	0.0000023	0.0000089	0.000017	NA
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	2.60 B	ND(6.00)	NA
Arsenic	3.60	4.30	2.90	4.50	4.40	NA
Barium	44.0	20.0	18.0 B	27.0	29.0	NA
Beryllium	0.240 B	0.230 B	0.210 B	0.240 B	0.240 B	NA
Cadmium	0.500	0.500	0.250 B	0.420 B	0.190 B	NA
Chromium	6.20	5.00	5.00	8.90	5.80	NA
Cobalt	6.20	5.40	4.50 B	6.00	5.80	NA
Copper	13.0	11.0	10.0	18.0	14.0	NA
Cyanide	0.130 B	0.0320 B	0.0930 B	0.150	0.0950 B	NA
Lead	12.0	14.0	8.50	17.0	8.70	NA
Mercury	0.0590 B	0.0240 B	0.0120 B	0.0900 B	0.00960 B	NA
Nickel	11.0	9.40	9.70	11.0	8.20	NA
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.20)	NA
Silver	0.180 B	ND(1.00)	ND(1.00)	ND(1.00)	0.220 B	NA
Sulfide	520	ND(5.40)	51.0	24.0	ND(7.70)	NA
Thallium	ND(1.20)	ND(1.10)	ND(1.20)	ND(1.20)	ND(1.50)	NA
Tin	3.50 B	2.80 B	3.20 B	3.50 B	3.90 B	NA
Vanadium	9.50	7.10	6.60	10.0	6.80	NA
Zinc	34.0	33.0	36.0	100	33.0	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-GG4 0-1 10/28/03	RAA10-N-GG4 1-6 10/28/03	RAA10-N-GG4 4-6 10/28/03	RAA10-N-GG4 6-15 10/28/03	RAA10-N-GG4 10-12 10/28/03	RAA10-N-GG6 0-1 11/12/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
1,2-Dichloroethane	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
2-Butanone	ND(0.012)	NA	ND(0.011)	NA	ND(0.011)	ND(0.012)
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.011)	NA	ND(0.011)	ND(0.012)
Acetone	ND(0.024)	NA	ND(0.022)	NA	ND(0.022)	ND(0.024)
Acetonitrile	ND(0.12)	NA	ND(0.11)	NA	ND(0.11)	ND(0.12)
Benzene	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Bromomethane	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Carbon Disulfide	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Chlorobenzene	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Chloroform	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Chloromethane	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Ethylbenzene	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Methyl Methacrylate	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Methylene Chloride	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Propionitrile	ND(0.012)	NA	ND(0.011)	NA	ND(0.011)	ND(0.012)
Toluene	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
trans-1,4-Dichloro-2-butene	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Trichloroethene	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Trichlorofluoromethane	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Xylenes (total)	ND(0.0061)	NA	ND(0.0054)	NA	ND(0.0055)	ND(0.0061)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
1,2-Dichlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
1,4-Dichlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2,4,6-Trichlorophenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2,4-Dichlorophenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2,4-Dimethylphenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2,6-Dichlorophenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2-Chlorophenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2-Methylnaphthalene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
2-Methylphenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
3&4-Methylphenol	ND(0.82)	ND(0.74)	NA	ND(0.75)	NA	ND(0.82)
4-Nitrophenol	ND(2.1)	ND(1.9)	NA	ND(1.9)	NA	ND(2.1)
Acenaphthene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Acenaphthylene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Aniline	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Anthracene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	0.097 J
Benzo(a)anthracene	0.17 J	ND(0.36)	NA	ND(0.37)	NA	0.29 J
Benzo(a)pyrene	0.16 J	ND(0.36)	NA	ND(0.37)	NA	0.21 J
Benzo(b)fluoranthene	0.14 J	ND(0.36)	NA	ND(0.37)	NA	0.21 J
Benzo(g,h,i)perylene	0.11 J	ND(0.36)	NA	ND(0.37)	NA	0.12 J
Benzo(k)fluoranthene	0.17 J	ND(0.36)	NA	ND(0.37)	NA	0.20 J
Benzyl Alcohol	ND(0.82)	ND(0.74)	NA	ND(0.75)	NA	ND(0.82)
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.36)	NA	ND(0.37)	NA	ND(0.40)
Butylbenzylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Chrysene	0.28 J	ND(0.36)	NA	ND(0.37)	NA	0.35 J
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Dibenzofuran	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Diethylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Dimethylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Di-n-Octylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Fluoranthene	0.43	ND(0.36)	NA	ND(0.37)	NA	0.90
Fluorene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Hexachlorobenzene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-GG4 0-1 10/28/03	RAA10-N-GG4 1-6 10/28/03	RAA10-N-GG4 4-6 10/28/03	RAA10-N-GG4 6-15 10/28/03	RAA10-N-GG4 10-12 10/28/03	RAA10-N-GG6 0-1 11/12/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	0.082 J	ND(0.36)	NA	ND(0.37)	NA	0.10 J
Naphthalene	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Pentachlorophenol	ND(2.1)	ND(1.9)	NA	ND(1.9)	NA	ND(2.1)
Phenanthrene	0.20 J	ND(0.36)	NA	ND(0.37)	NA	0.52
Phenol	ND(0.41)	ND(0.36)	NA	ND(0.37)	NA	ND(0.41)
Pyrene	0.39 J	ND(0.36)	NA	ND(0.37)	NA	0.59
Furans						
2,3,7,8-TCDF	0.0000051 Y	0.0000019 JY	NA	0.00000012 J	NA	0.0000026 Y
TCDFs (total)	0.00011	0.000035	NA	0.00000025	NA	0.000033 Q
1,2,3,7,8-PeCDF	0.0000016 J	0.0000011 J	NA	0.000000098 J	NA	0.0000014 J
2,3,4,7,8-PeCDF	0.0000061 J	0.0000052 J	NA	ND(0.000000094) X	NA	0.0000047 J
PeCDFs (total)	0.00016	0.000064	NA	0.00000015	NA	0.000066 Q
1,2,3,4,7,8-HxCDF	0.0000034 J	0.0000024 J	NA	ND(0.00000054)	NA	0.0000098
1,2,3,6,7,8-HxCDF	0.0000028 J	0.0000023 J	NA	0.00000011 J	NA	0.0000039 J
1,2,3,7,8,9-HxCDF	ND(0.0000010) X	0.00000065 JQ	NA	ND(0.00000054)	NA	0.0000014 JQ
2,3,4,6,7,8-HxCDF	0.0000064	0.0000059	NA	ND(0.00000054)	NA	0.000012
HxCDFs (total)	0.00012	0.000080 Q	NA	0.00000011	NA	0.00016 Q
1,2,3,4,6,7,8-HpCDF	0.000019	0.0000095	NA	ND(0.00000054)	NA	0.000036
1,2,3,4,7,8,9-HpCDF	0.0000017 J	0.0000010 J	NA	ND(0.00000054)	NA	0.0000044 J
HpCDFs (total)	0.000047	0.000024	NA	ND(0.00000054)	NA	0.000081
OCDF	0.000017	0.0000048 J	NA	ND(0.0000011)	NA	0.000024
Dioxins						
2,3,7,8-TCDD	ND(0.00000094)	ND(0.00000022)	NA	ND(0.00000021)	NA	ND(0.00000063) X
TCDDs (total)	0.0000013	0.00000020	NA	ND(0.00000043)	NA	0.0000054
1,2,3,7,8-PeCDD	ND(0.00000038) X	0.00000049 J	NA	ND(0.00000054)	NA	0.0000038 J
PeCDDs (total)	0.0000040	0.0000034	NA	ND(0.00000070)	NA	0.000024 Q
1,2,3,4,7,8-HxCDD	0.00000046 J	0.00000030 J	NA	ND(0.00000054)	NA	ND(0.0000033) X
1,2,3,6,7,8-HxCDD	0.0000012 J	0.00000066 J	NA	ND(0.00000054)	NA	0.0000054 J
1,2,3,7,8,9-HxCDD	ND(0.0000010) X	0.00000056 J	NA	ND(0.00000054)	NA	0.0000045 J
HxCDDs (total)	0.000013	0.0000072	NA	ND(0.00000087)	NA	0.000059
1,2,3,4,6,7,8-HpCDD	0.000018	0.0000055	NA	0.00000029 J	NA	0.000047
HpCDDs (total)	0.000033	0.000013	NA	0.00000029	NA	0.000089
OCDD	0.00017	0.000078	NA	0.0000017 J	NA	0.00059
Total TEQs (WHO TEFs)	0.0000062	0.0000049	NA	0.00000060	NA	0.000012
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA	ND(6.00)
Arsenic	6.00	6.30	NA	2.90	NA	4.20
Barium	26.0	210	NA	14.0 B	NA	48.0
Beryllium	0.260 B	0.320 B	NA	0.130 B	NA	0.260 B
Cadmium	0.490 B	0.480 B	NA	0.310 B	NA	0.560
Chromium	8.70	5.20	NA	3.90	NA	16.0
Cobalt	6.40	12.0	NA	4.20 B	NA	7.40
Copper	11.0	14.0	NA	7.80	NA	15.0
Cyanide	0.140	0.0380 B	NA	ND(0.560)	NA	0.160
Lead	17.0	38.0	NA	3.30	NA	16.0
Mercury	0.0960 B	0.0300 B	NA	ND(0.110)	NA	0.150
Nickel	11.0	15.0	NA	7.30	NA	13.0
Selenium	0.630 B	ND(1.00)	NA	ND(1.00)	NA	ND(1.00)
Silver	0.140 B	0.250 B	NA	ND(1.00)	NA	0.150 B
Sulfide	ND(6.10)	60.0	NA	7.20	NA	ND(6.10)
Thallium	ND(1.20)	ND(1.10)	NA	ND(1.10)	NA	ND(1.20)
Tin	3.60 B	3.50 B	NA	3.40 B	NA	4.10 B
Vanadium	9.50	6.40	NA	3.70 B	NA	15.0
Zinc	44.0	37.0	NA	22.0	NA	51.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-GG18 0-1 10/14/03	RAA10-N-GG20 1-6 10/14/03	RAA10-N-GG20 4-6 10/14/03	RAA10-N-GG20 6-15 10/14/03	RAA10-N-GG20 10-12 10/14/03	RAA10-N-GG22 0-1 10/14/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
1,2-Dichloroethane	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
2-Butanone	ND(0.12)	NA	ND(0.11)	NA	ND(0.66)	ND(0.12)
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.011)	NA	ND(0.066)	ND(0.012)
Acetone	ND(0.12)	NA	ND(0.11)	NA	ND(0.66)	ND(0.12)
Acetonitrile	ND(0.12)	NA	ND(0.11)	NA	ND(0.66)	ND(0.12)
Benzene	ND(0.0059)	NA	ND(0.0055)	NA	0.41	ND(0.0058)
Bromomethane	ND(0.012)	NA	ND(0.011)	NA	ND(0.066)	ND(0.012)
Carbon Disulfide	ND(0.012)	NA	ND(0.011)	NA	ND(0.066)	ND(0.012)
Chlorobenzene	0.0060	NA	0.0044 J	NA	0.86	ND(0.0058)
Chloroform	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
Chloromethane	ND(0.012)	NA	ND(0.011)	NA	ND(0.066)	ND(0.012)
Ethylbenzene	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
Methyl Methacrylate	ND(0.012)	NA	ND(0.011)	NA	ND(0.066)	ND(0.012)
Methylene Chloride	ND(0.0059)	NA	ND(0.0055)	NA	0.46	ND(0.0058)
Propionitrile	ND(0.059)	NA	ND(0.055)	NA	ND(0.33)	ND(0.058)
Toluene	ND(0.0059)	NA	ND(0.0055)	NA	0.024 J	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.012)	NA	ND(0.011)	NA	ND(0.066)	ND(0.012)
Trichloroethene	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
Trichlorofluoromethane	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
Xylenes (total)	ND(0.0059)	NA	ND(0.0055)	NA	ND(0.033)	ND(0.0058)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
1,2-Dichlorobenzene	ND(0.63)	ND(0.39)	NA	0.13 J	NA	ND(0.39)
1,4-Dichlorobenzene	ND(0.63)	ND(0.39)	NA	0.25 J	NA	ND(0.39)
2,4,6-Trichlorophenol	ND(0.63)	ND(0.39)	NA	0.44 J	NA	ND(0.39)
2,4-Dichlorophenol	ND(0.63)	ND(0.39)	NA	0.99	NA	ND(0.39)
2,4-Dimethylphenol	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
2,6-Dichlorophenol	ND(0.63)	ND(0.39)	NA	0.90	NA	ND(0.39)
2-Chlorophenol	ND(0.63)	ND(0.39)	NA	1.5	NA	ND(0.39)
2-Methylnaphthalene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
2-Methylphenol	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
3&4-Methylphenol	ND(0.79)	ND(0.79)	NA	4.1	NA	ND(0.78)
4-Nitrophenol	ND(3.1)	ND(2.0)	NA	ND(2.5)	NA	ND(2.0)
Acenaphthene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Acenaphthylene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Aniline	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Anthracene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Benzo(a)anthracene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Benzo(a)pyrene	ND(0.63)	ND(0.39)	NA	0.13 J	NA	ND(0.39)
Benzo(b)fluoranthene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Benzo(g,h,i)perylene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Benzo(k)fluoranthene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Benzyl Alcohol	ND(1.2)	ND(0.79)	NA	ND(0.99)	NA	ND(0.78)
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Butylbenzylphthalate	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Chrysene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Dibenzofuran	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Diethylphthalate	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Dimethylphthalate	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Di-n-Octylphthalate	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Fluoranthene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Fluorene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Hexachlorobenzene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-GG18 0-1 10/14/03	RAA10-N-GG20 1-6 10/14/03	RAA10-N-GG20 4-6 10/14/03	RAA10-N-GG20 6-15 10/14/03	RAA10-N-GG20 10-12 10/14/03	RAA10-N-GG22 0-1 10/14/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Naphthalene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
N-Nitroso-di-n-propylamine	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Pentachlorophenol	ND(3.1)	ND(2.0)	NA	ND(2.5)	NA	ND(2.0)
Phenanthrene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Phenol	ND(0.63)	ND(0.39)	NA	120	NA	ND(0.39)
Pyrene	ND(0.63)	ND(0.39)	NA	ND(0.49)	NA	ND(0.39)
Furans						
2,3,7,8-TCDF	0.00000055 J	0.00000038 J	NA	0.0000013 J	NA	0.00000051 J
TCDFs (total)	0.0000010	0.00000071	NA	0.000033	NA	0.0000023
1,2,3,7,8-PeCDF	ND(0.00000037) X	ND(0.00000083) X	NA	0.00000052 J	NA	0.00000034 J
2,3,4,7,8-PeCDF	ND(0.00000099) X	0.0000043 J	NA	0.0000025 J	NA	ND(0.00000035) X
PeCDFs (total)	0.0000021	0.0000093	NA	0.000012	NA	0.0000028
1,2,3,4,7,8-HxCDF	0.00000068 J	0.000010	NA	0.000014	NA	0.00000052 J
1,2,3,6,7,8-HxCDF	ND(0.00000056)	0.0000011 J	NA	ND(0.0000015) X	NA	0.00000033 J
1,2,3,7,8,9-HxCDF	ND(0.00000080)	0.0000018 J	NA	ND(0.0000012)	NA	0.00000023 J
2,3,4,6,7,8-HxCDF	0.00000060 J	0.0000012 J	NA	0.0000012 J	NA	0.00000041 J
HxCDFs (total)	0.0000054	0.000017	NA	0.000034	NA	0.0000042
1,2,3,4,6,7,8-HpCDF	0.0000029 J	0.0000010 J	NA	0.000015	NA	0.0000017 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000077)	0.0000010 J	NA	0.0000070 J	NA	ND(0.00000058)
HpCDFs (total)	0.0000070	0.0000021	NA	0.000042	NA	0.0000025
OCDF	0.0000061 J	ND(0.0000032)	NA	0.000020	NA	0.0000018 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000035)	ND(0.00000037)	NA	ND(0.00000043)	NA	ND(0.00000033)
TCDDs (total)	ND(0.00000036)	ND(0.00000058)	NA	0.0000042	NA	ND(0.00000084)
1,2,3,7,8-PeCDD	ND(0.00000056)	ND(0.00000058)	NA	ND(0.00000077)	NA	ND(0.00000021) X
PeCDDs (total)	ND(0.0000010)	ND(0.00000083)	NA	0.00000051	NA	0.00000036
1,2,3,4,7,8-HxCDD	ND(0.0000011)	ND(0.0000014)	NA	ND(0.0000033) X	NA	ND(0.00000058)
1,2,3,6,7,8-HxCDD	ND(0.00000092)	ND(0.0000012)	NA	ND(0.0000029) X	NA	ND(0.00000040) X
1,2,3,7,8,9-HxCDD	ND(0.0000011)	ND(0.0000014)	NA	ND(0.0000049) X	NA	ND(0.00000045) X
HxCDDs (total)	0.00000099	ND(0.0000013)	NA	0.000020	NA	0.0000020
1,2,3,4,6,7,8-HpCDD	0.0000082	0.00000098 J	NA	0.000012	NA	0.0000036 J
HpCDDs (total)	0.000017	0.00000098	NA	0.000026	NA	0.0000063
OCDD	0.000066	ND(0.0000039) X	NA	0.00011	NA	0.000020
Total TEQs (WHO TEFs)	0.0000012	0.0000043	NA	0.0000046	NA	0.00000070
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA	1.20 B
Arsenic	6.10	5.50	NA	2.40	NA	6.20
Barium	26.0	21.0	NA	18.0 B	NA	25.0
Beryllium	0.260 B	0.200 B	NA	0.270 B	NA	0.280 B
Cadmium	0.370 B	0.200 B	NA	0.370 B	NA	0.340 B
Chromium	8.10	5.60	NA	9.90	NA	7.60
Cobalt	8.20	7.70	NA	6.00	NA	7.60
Copper	16.0	15.0	NA	14.0	NA	14.0
Cyanide	0.240	0.0410 B	NA	0.130 B	NA	0.0720 B
Lead	9.60	6.60	NA	6.90	NA	10.0
Mercury	0.00860 B	ND(0.120)	NA	0.0350 B	NA	0.0230 B
Nickel	14.0	12.0	NA	13.0	NA	12.0
Selenium	ND(1.00)	ND(1.00)	NA	ND(1.10)	NA	ND(1.00)
Silver	0.130 B	ND(1.00)	NA	0.660 B	NA	ND(1.00)
Sulfide	7.50	22.0	NA	73.0	NA	9.40
Thallium	ND(1.20)	ND(1.20)	NA	ND(1.50)	NA	ND(1.20)
Tin	3.40 B	3.10 B	NA	3.70 B	NA	3.10 B
Vanadium	8.00	4.90 B	NA	8.20	NA	8.40
Zinc	60.0	37.0	NA	41.0	NA	68.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II5 0-1 10/28/03	RAA10-N-II5 6-15 10/28/03	RAA10-N-II5 10-12 10/28/03	RAA10-N-II7 0-1 10/17/03	RAA10-N-II7 1-6 10/17/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
1,2-Dichloroethane	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
2-Butanone	ND(0.012)	NA	ND(0.013)	ND(0.11)	NA
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.013)	ND(0.011)	NA
Acetone	ND(0.025)	NA	ND(0.026)	ND(0.11)	NA
Acetonitrile	ND(0.12)	NA	ND(0.13)	ND(0.11)	NA
Benzene	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Bromomethane	ND(0.0062)	NA	ND(0.0066)	ND(0.011)	NA
Carbon Disulfide	ND(0.0062)	NA	ND(0.0066)	ND(0.011)	NA
Chlorobenzene	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Chloroform	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Chloromethane	ND(0.0062)	NA	ND(0.0066)	ND(0.011)	NA
Ethylbenzene	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Methyl Methacrylate	ND(0.0062)	NA	ND(0.0066)	ND(0.011)	NA
Methylene Chloride	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Propionitrile	ND(0.012)	NA	ND(0.013)	ND(0.054)	NA
Toluene	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene	ND(0.0062)	NA	ND(0.0066)	ND(0.011)	NA
Trichloroethene	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Trichlorofluoromethane	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Xylenes (total)	ND(0.0062)	NA	ND(0.0066)	ND(0.0054)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
1,2-Dichlorobenzene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
1,4-Dichlorobenzene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2,4,6-Trichlorophenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2,4-Dichlorophenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2,4-Dimethylphenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2,6-Dichlorophenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2-Chlorophenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2-Methylnaphthalene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
2-Methylphenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
3&4-Methylphenol	ND(0.83)	ND(0.75)	NA	ND(0.72)	ND(0.73) [ND(0.73)]
4-Nitrophenol	ND(2.1)	ND(1.9)	NA	ND(1.8)	ND(1.8) [ND(1.8)]
Acenaphthene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Acenaphthylene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Aniline	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Anthracene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Benzo(a)anthracene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Benzo(a)pyrene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Benzo(b)fluoranthene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Benzo(g,h,i)perylene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Benzo(k)fluoranthene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Benzyl Alcohol	ND(0.83)	ND(0.75)	NA	0.12 J	0.20 J [0.23 J]
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.37)	NA	ND(0.35)	ND(0.36) [ND(0.36)]
Butylbenzylphthalate	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Chrysene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Dibenzofuran	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Diethylphthalate	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Dimethylphthalate	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Di-n-Octylphthalate	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Fluoranthene	0.12 J	ND(0.37)	NA	ND(0.36)	0.081 J [0.099 J]
Fluorene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Hexachlorobenzene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II5 0-1 10/28/03	RAA10-N-II5 6-15 10/28/03	RAA10-N-II5 10-12 10/28/03	RAA10-N-II7 0-1 10/17/03	RAA10-N-II7 1-6 10/17/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.38) [ND(0.36)]
Naphthalene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Pentachlorophenol	0.23 J	ND(1.9)	NA	ND(1.8)	ND(1.8) [ND(1.8)]
Phenanthrene	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Phenol	ND(0.41)	ND(0.37)	NA	ND(0.36)	ND(0.36) [ND(0.36)]
Pyrene	0.094 J	ND(0.37)	NA	ND(0.36)	0.082 J [0.098 J]
Furans					
2,3,7,8-TCDF	0.0000018 J	ND(0.00000020) X	NA	0.0000011 J	0.0000014 JY [0.0000014 JY]
TCDFs (total)	0.000016	0.000000096	NA	0.0000095	0.000028 [0.000026]
1,2,3,7,8-PeCDF	0.0000012 J	ND(0.00000014) X	NA	0.00000067 J	0.00000070 J [0.00000078 J]
2,3,4,7,8-PeCDF	0.0000017 J	0.00000011 J	NA	0.0000016 J	0.0000038 J [0.0000038 J]
PeCDFs (total)	0.000025	0.00000011	NA	0.000020	0.000058 Q [0.000055 Q]
1,2,3,4,7,8-HxCDF	0.00000069 J	0.00000010 J	NA	0.0000010 J	0.0000019 J [0.0000019 J]
1,2,3,6,7,8-HxCDF	0.00000058 J	0.00000019 J	NA	0.00000094 J	0.0000018 J [0.0000017 J]
1,2,3,7,8,9-HxCDF	ND(0.00000024) X	ND(0.00000054)	NA	0.00000042 J	0.00000059 J [0.00000046 JQ]
2,3,4,6,7,8-HxCDF	0.00000096 J	ND(0.00000054)	NA	0.0000018 J	0.0000042 J [0.0000042 J]
HxCDFs (total)	0.000015	0.00000029	NA	0.000024	0.000062 [0.000061 Q]
1,2,3,4,6,7,8-HpCDF	0.0000033 J	ND(0.00000020) X	NA	0.0000030 J	0.0000078 [0.0000081]
1,2,3,4,7,8,9-HpCDF	0.00000035 J	ND(0.00000054)	NA	0.00000058 J	0.00000089 J [0.00000091 J]
HpCDFs (total)	0.0000072	ND(0.00000054)	NA	0.0000076	0.000018 [0.000019]
OCDF	0.0000044 J	ND(0.0000011)	NA	0.0000019 J	0.0000039 J [0.0000044 J]
Dioxins					
2,3,7,8-TCDD	ND(0.00000026) X	ND(0.00000026)	NA	ND(0.00000021)	ND(0.00000035) [ND(0.00000023) X]
TCDDs (total)	0.00000023	ND(0.00000073)	NA	ND(0.00000074)	ND(0.00000059) [0.00000038]
1,2,3,7,8-PeCDD	ND(0.00000071)	ND(0.00000016) X	NA	0.00000055 J	ND(0.00000041) X [ND(0.00000046) X]
PeCDDs (total)	0.00000058	ND(0.00000092)	NA	0.00000055	0.0000015 [0.0000013]
1,2,3,4,7,8-HxCDD	ND(0.00000019) X	ND(0.00000054)	NA	0.00000036 J	ND(0.00000029) X [0.00000029 J]
1,2,3,6,7,8-HxCDD	ND(0.00000079) X	ND(0.00000054)	NA	ND(0.00000054) X	0.00000086 J [0.00000068 J]
1,2,3,7,8,9-HxCDD	0.00000048 J	ND(0.00000054)	NA	0.00000050 J	0.00000063 J [0.00000053 J]
HxCDDs (total)	0.0000053	ND(0.0000011)	NA	0.0000018	0.0000071 [0.0000068]
1,2,3,4,6,7,8-HpCDD	0.0000093	0.00000043 J	NA	0.0000029 J	0.0000078 [0.0000066]
HpCDDs (total)	0.000017	0.00000058	NA	0.0000062	0.000014 [0.000013]
OCDD	0.000091	0.0000019 J	NA	0.000034	0.000049 [0.000060]
Total TEQs (WHO TEFs)	0.0000020	0.00000045	NA	0.0000022	0.0000036 [0.0000036]
Inorganics					
Antimony	1.20 B	ND(6.00)	NA	ND(6.00)	0.810 B [1.10 B]
Arsenic	4.60	3.60	NA	3.40	4.80 [4.80]
Barium	36.0	18.0 B	NA	32.0	20.0 B [30.0]
Beryllium	0.140 B	0.210 B	NA	0.250 B	0.210 B [0.280 B]
Cadmium	0.420 B	0.270 B	NA	0.160 B	0.280 B [0.230 B]
Chromium	5.40	4.80	NA	6.60	5.60 [6.30]
Cobalt	5.60	5.40	NA	6.20	5.90 [7.70]
Copper	12.0	9.00	NA	16.0	15.0 [14.0]
Cyanide	0.0650 B	ND(0.110)	NA	0.0220 B	0.0710 B [0.0830 B]
Lead	14.0	4.00	NA	8.60	12.0 [11.0]
Mercury	0.0330 B	ND(0.110)	NA	0.740	0.740 [0.740]
Nickel	9.00	10.0	NA	10.0	9.70 [13.0]
Selenium	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00) [ND(1.00)]
Silver	0.230 B	ND(1.00)	NA	ND(1.00)	ND(1.00) [0.180 B]
Sulfide	170	ND(5.60)	NA	ND(5.40)	ND(5.50) [12.0]
Thallium	ND(1.20)	ND(1.10)	NA	ND(1.10)	ND(1.10) [ND(1.10)]
Tin	3.80 B	3.20 B	NA	2.80 B	3.10 B [2.90 B]
Vanadium	7.00	5.30	NA	10.0	5.60 [6.40]
Zinc	42.0	30.0	NA	44.0	120 [140]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II7 4-6 10/17/03	RAA10-N-II10 0-1 10/17/03	RAA10-N-II10 1-6 10/17/03	RAA10-N-II10 4-6 10/17/03	RAA10-N-II10 6-15 10/17/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
1,2-Dichloroethane	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
2-Butanone	ND(0.11) [ND(0.11)]	ND(0.11)	NA	ND(0.11)	NA
4-Methyl-2-pentanone	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)	NA
Acetone	ND(0.11) [ND(0.11)]	ND(0.11)	NA	ND(0.11)	NA
Acetonitrile	ND(0.11) [ND(0.11)]	ND(0.11)	NA	ND(0.11)	NA
Benzene	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Bromomethane	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)	NA
Carbon Disulfide	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)	NA
Chlorobenzene	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Chloroform	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Chloromethane	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)	NA
Ethylbenzene	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Methyl Methacrylate	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)	NA
Methylene Chloride	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Propionitrile	ND(0.053) [ND(0.054)]	ND(0.054)	NA	ND(0.054)	NA
Toluene	ND(0.0053) [ND(0.0054)]	0.0060	NA	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene	ND(0.011) [ND(0.011)]	ND(0.011)	NA	ND(0.011)	NA
Trichloroethene	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Trichlorofluoromethane	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Xylenes (total)	ND(0.0053) [ND(0.0054)]	ND(0.0054)	NA	ND(0.0054)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	NA	NA	NA
1,2,4-Trichlorobenzene	NA	ND(0.36)	NA	NA	NA
1,2-Dichlorobenzene	NA	ND(0.36)	NA	NA	NA
1,4-Dichlorobenzene	NA	ND(0.36)	NA	NA	NA
2,4,6-Trichlorophenol	NA	ND(0.36)	NA	NA	NA
2,4-Dichlorophenol	NA	ND(0.36)	NA	NA	NA
2,4-Dimethylphenol	NA	ND(0.36)	NA	NA	NA
2,6-Dichlorophenol	NA	ND(0.36)	NA	NA	NA
2-Chlorophenol	NA	ND(0.36)	NA	NA	NA
2-Methylnaphthalene	NA	ND(0.36)	NA	NA	NA
2-Methylphenol	NA	ND(0.36)	NA	NA	NA
3&4-Methylphenol	NA	ND(0.73)	NA	NA	NA
4-Nitrophenol	NA	ND(1.8)	NA	NA	NA
Acenaphthene	NA	ND(0.36)	NA	NA	NA
Acenaphthylene	NA	ND(0.36)	NA	NA	NA
Aniline	NA	ND(0.36)	NA	NA	NA
Anthracene	NA	ND(0.36)	NA	NA	NA
Benzo(a)anthracene	NA	ND(0.36)	NA	NA	NA
Benzo(a)pyrene	NA	ND(0.36)	NA	NA	NA
Benzo(b)fluoranthene	NA	ND(0.36)	NA	NA	NA
Benzo(g,h,i)perylene	NA	ND(0.36)	NA	NA	NA
Benzo(k)fluoranthene	NA	ND(0.36)	NA	NA	NA
Benzyl Alcohol	NA	0.18 J	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	NA	NA
Butylbenzylphthalate	NA	ND(0.36)	NA	NA	NA
Chrysene	NA	ND(0.36)	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.36)	NA	NA	NA
Dibenzofuran	NA	ND(0.36)	NA	NA	NA
Diethylphthalate	NA	ND(0.36)	NA	NA	NA
Dimethylphthalate	NA	ND(0.36)	NA	NA	NA
Di-n-Octylphthalate	NA	ND(0.36)	NA	NA	NA
Fluoranthene	NA	ND(0.36)	NA	NA	NA
Fluorene	NA	ND(0.36)	NA	NA	NA
Hexachlorobenzene	NA	ND(0.36)	NA	NA	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II7 4-6 10/17/03	RAA10-N-II10 0-1 10/17/03	RAA10-N-II10 1-6 10/17/03	RAA10-N-II10 4-6 10/17/03	RAA10-N-II10 6-15 10/17/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	NA	ND(0.36)	NA	NA	NA
Naphthalene	NA	ND(0.36)	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	ND(0.36)	NA	NA	NA
Pentachlorophenol	NA	ND(1.8)	NA	NA	NA
Phenanthrene	NA	ND(0.36)	NA	NA	NA
Phenol	NA	ND(0.36)	NA	NA	NA
Pyrene	NA	ND(0.36)	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.0000018 J	ND(0.00000058) X	NA	ND(0.00000020) X
TCDFs (total)	NA	0.000023	0.00000091	NA	ND(0.00000021) Q
1,2,3,7,8-PeCDF	NA	0.00000053 J	0.00000022 J	NA	0.00000022 J
2,3,4,7,8-PeCDF	NA	0.0000017 J	0.00000037 J	NA	0.00000022 J
PeCDFs (total)	NA	0.000022	0.0000032	NA	0.00000044 Q
1,2,3,4,7,8-HxCDF	NA	0.0000014 J	0.00000078 J	NA	0.00000045 J
1,2,3,6,7,8-HxCDF	NA	0.00000084 J	0.00000030 J	NA	0.00000021 J
1,2,3,7,8,9-HxCDF	NA	0.00000065 J	0.00000022 J	NA	ND(0.00000022) X
2,3,4,6,7,8-HxCDF	NA	0.00000096 J	0.00000049 J	NA	ND(0.00000053)
HxCDFs (total)	NA	0.000013	0.0000057	NA	0.00000066
1,2,3,4,6,7,8-HpCDF	NA	0.0000028 J	0.0000015 J	NA	0.00000035 J
1,2,3,4,7,8,9-HpCDF	NA	0.00000088 J	0.00000053 J	NA	0.00000033 J
HpCDFs (total)	NA	0.0000057	0.0000040	NA	0.00000068
OCDF	NA	0.0000043 J	0.0000022 J	NA	ND(0.0000011)
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000024) X	ND(0.00000022) X	NA	ND(0.00000021)
TCDDs (total)	NA	0.00000011	0.00000029	NA	ND(0.00000078) Q
1,2,3,7,8-PeCDD	NA	0.00000034 J	ND(0.00000050)	NA	ND(0.00000053)
PeCDDs (total)	NA	0.0000011	ND(0.00000086)	NA	ND(0.00000090) Q
1,2,3,4,7,8-HxCDD	NA	0.00000028 J	0.00000015 J	NA	ND(0.00000053)
1,2,3,6,7,8-HxCDD	NA	0.00000046 J	0.00000025 J	NA	ND(0.00000022) X
1,2,3,7,8,9-HxCDD	NA	0.00000050 J	ND(0.00000023) X	NA	0.00000034 J
HxCDDs (total)	NA	0.0000032	0.0000016	NA	0.00000034
1,2,3,4,6,7,8-HpCDD	NA	0.0000022 J	0.0000040 J	NA	0.00000059 J
HpCDDs (total)	NA	0.0000040	0.0000087	NA	0.00000059
OCDD	NA	0.000011	0.000059	NA	0.0000030 J
Total TEQs (WHO TEFs)	NA	0.0000021	0.00000088	NA	0.00000069
Inorganics					
Antimony	NA	0.850 B	ND(6.00)	NA	0.830 B
Arsenic	NA	2.70	2.60	NA	2.50
Barium	NA	11.0 B	18.0 B	NA	14.0 B
Beryllium	NA	0.110 B	0.170 B	NA	0.160 B
Cadmium	NA	ND(0.500)	ND(0.500)	NA	0.0800 B
Chromium	NA	4.40	4.50	NA	4.60
Cobalt	NA	4.30 B	4.70 B	NA	6.00
Copper	NA	9.80	10.0	NA	12.0
Cyanide	NA	0.0250 B	ND(0.110)	NA	0.0250 B
Lead	NA	5.00	4.70	NA	3.80
Mercury	NA	0.0820 B	0.110 B	NA	ND(0.110)
Nickel	NA	7.00	8.20	NA	9.30
Selenium	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver	NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide	NA	7.00	ND(5.80)	NA	27.0
Thallium	NA	ND(1.10)	ND(1.10)	NA	ND(1.10)
Tin	NA	3.00 B	3.10 B	NA	2.60 B
Vanadium	NA	4.20 B	4.70 B	NA	4.90 B
Zinc	NA	23.0	31.0	NA	28.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-N-II16	RAA10-N-II16	RAA10-N-II16	RAA10-N-II16	RAA10-N-II18	RAA10-N-II20
Sample Depth(Feet):	0-1	1-6	4-6	10-12	0-1	0-1
Parameter Date Collected:	10/07/03	10/07/03	10/07/03	10/07/03	10/02/03	10/14/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
1,2-Dichloroethane	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
2-Butanone	ND(0.11)	NA	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.12)
4-Methyl-2-pentanone	ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)
Acetone	ND(0.11)	NA	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.12)
Acetonitrile	ND(0.11)	NA	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.12)
Benzene	ND(0.0053)	NA	ND(0.0057)	1.0	ND(0.0055)	ND(0.0060)
Bromomethane	ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)
Carbon Disulfide	ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)
Chlorobenzene	ND(0.0053)	NA	ND(0.0057)	0.12	ND(0.0055)	ND(0.0060)
Chloroform	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
Chloromethane	ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)
Ethylbenzene	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
Methyl Methacrylate	ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)
Methylene Chloride	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
Propionitrile	ND(0.053)	NA	ND(0.057)	ND(0.061)	ND(0.055)	ND(0.060)
Toluene	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
trans-1,4-Dichloro-2-butene	ND(0.011)	NA	ND(0.011)	ND(0.012)	ND(0.011)	ND(0.012)
Trichloroethene	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
Trichlorofluoromethane	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
Xylenes (total)	ND(0.0053)	NA	ND(0.0057)	ND(0.0061)	ND(0.0055)	ND(0.0060)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	0.085 J	ND(0.37)	NA	NA	0.30 J	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
1,2-Dichlorobenzene	0.11 J	ND(0.37)	NA	NA	ND(0.36)	0.10 J
1,4-Dichlorobenzene	0.42	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2,4-Dichlorophenol	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2,4-Dimethylphenol	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2,6-Dichlorophenol	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2-Chlorophenol	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2-Methylnaphthalene	1.2	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
2-Methylphenol	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
3&4-Methylphenol	ND(0.72)	ND(0.75)	NA	NA	ND(0.73)	ND(0.80)
4-Nitrophenol	ND(1.8)	ND(1.9)	NA	NA	ND(1.9)	ND(2.0)
Acenaphthene	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Acenaphthylene	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Aniline	ND(0.36)	ND(0.37)	NA	NA	0.40	ND(0.40)
Anthracene	0.75	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Benzo(a)anthracene	1.1	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Benzo(a)pyrene	0.94	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Benzo(b)fluoranthene	0.62	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Benzo(g,h,i)perylene	0.76	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Benzo(k)fluoranthene	0.28 J	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Benzyl Alcohol	ND(0.72)	ND(0.75)	NA	NA	ND(0.73)	ND(0.80)
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Butylbenzylphthalate	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Chrysene	2.4	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Dibenzo(a,h)anthracene	0.23 J	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Dibenzofuran	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Diethylphthalate	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Dimethylphthalate	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Di-n-Octylphthalate	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Fluoranthene	0.83	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Fluorene	0.72	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Hexachlorobenzene	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II16 0-1 10/07/03	RAA10-N-II16 1-6 10/07/03	RAA10-N-II16 4-6 10/07/03	RAA10-N-II16 10-12 10/07/03	RAA10-N-II18 0-1 10/02/03	RAA10-N-II20 0-1 10/14/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Naphthalene	0.16 J	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Pentachlorophenol	ND(1.8)	ND(1.9)	NA	NA	ND(1.9)	ND(2.0)
Phenanthrene	2.1	ND(0.37)	NA	NA	0.075 J	ND(0.40)
Phenol	0.66	ND(0.37)	NA	NA	ND(0.36)	ND(0.40)
Pyrene	4.4	ND(0.37)	NA	NA	0.073 J	ND(0.40)
Furans						
2,3,7,8-TCDF	0.000056 Y	ND(0.00000027)	NA	NA	ND(0.00000096) Y	0.00000064 J
TCDFs (total)	0.00098 I	ND(0.00000027) I	NA	NA	0.00025 I	0.0000056
1,2,3,7,8-PeCDF	0.000026	ND(0.00000013)	NA	NA	0.0000024	0.00000048 J
2,3,4,7,8-PeCDF	0.000018	ND(0.00000010)	NA	NA	0.0000028	0.00000056 J
PeCDFs (total)	0.0016 I	0.0000041 I	NA	NA	0.00032 I	0.0000062
1,2,3,4,7,8-HxCDF	0.00017 I	ND(0.00000089) X	NA	NA	0.000025 I	ND(0.00000058) X
1,2,3,6,7,8-HxCDF	0.000012	ND(0.000000098)	NA	NA	0.0000013	0.00000055 J
1,2,3,7,8,9-HxCDF	ND(0.00000083)	ND(0.00000012)	NA	NA	ND(0.00000026)	0.00000021 J
2,3,4,6,7,8-HxCDF	0.0000081	ND(0.00000012)	NA	NA	0.00000082	0.00000074 J
HxCDFs (total)	0.00073 I	0.0000016 I	NA	NA	0.00015 I	0.0000083
1,2,3,4,6,7,8-HpCDF	0.000032	ND(0.00000028)	NA	NA	ND(0.00000033)	0.0000029 J
1,2,3,4,7,8,9-HpCDF	0.000027	ND(0.00000033) X	NA	NA	ND(0.00000041)	0.00000030 J
HpCDFs (total)	0.00010	ND(0.00000037)	NA	NA	0.000011	0.0000052
OCDF	0.000043	ND(0.00000041)	NA	NA	ND(0.00000042)	0.0000024 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000011)	ND(0.00000015)	NA	NA	ND(0.00000031)	ND(0.00000027)
TCDDs (total)	ND(0.0000011)	ND(0.00000015)	NA	NA	ND(0.00000031)	ND(0.00000071)
1,2,3,7,8-PeCDD	ND(0.0000046) X	ND(0.00000048)	NA	NA	ND(0.0000011)	0.00000030 J
PeCDDs (total)	ND(0.0000029)	ND(0.00000048)	NA	NA	ND(0.0000011)	0.0000020
1,2,3,4,7,8-HxCDD	ND(0.0000017)	ND(0.00000022)	NA	NA	ND(0.00000070)	0.00000038 J
1,2,3,6,7,8-HxCDD	ND(0.0000018)	ND(0.00000022)	NA	NA	ND(0.00000076)	0.00000060 J
1,2,3,7,8,9-HxCDD	ND(0.0000039) X	ND(0.00000021)	NA	NA	ND(0.00000073)	0.00000057 J
HxCDDs (total)	0.00018	ND(0.00000022)	NA	NA	ND(0.00000076)	0.0000051
1,2,3,4,6,7,8-HpCDD	ND(0.000077) X	ND(0.00000019)	NA	NA	ND(0.00000079)	0.0000065
HpCDDs (total)	ND(0.0000021)	0.00000076	NA	NA	0.0000024	0.000011
OCDD	0.00027	ND(0.0000024) X	NA	NA	0.000054	0.000033
Total TEQs (WHO TEFs)	0.000039	0.00000045	NA	NA	0.0000051	0.0000012
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	NA	2.40 B	ND(6.00)
Arsenic	3.60	4.10	NA	NA	4.10	5.90
Barium	19.0 B	19.0 B	NA	NA	27.0	28.0
Beryllium	0.230 B	0.340 B	NA	NA	0.170 B	0.320 B
Cadmium	ND(0.500)	ND(0.500)	NA	NA	0.210 B	0.460 B
Chromium	5.80	4.70	NA	NA	5.90	8.30
Cobalt	6.40	5.00 B	NA	NA	11.0	7.90
Copper	16.0	10.0	NA	NA	18.0	15.0
Cyanide	0.0610 B	0.0650 B	NA	NA	0.0420 B	0.0990 B
Lead	24.0	5.40	NA	NA	11.0	11.0
Mercury	0.0680 B	ND(0.110)	NA	NA	0.580	0.0390 B
Nickel	14.0	8.60	NA	NA	14.0	13.0
Selenium	0.900 B	0.790 B	NA	NA	ND(1.00)	ND(1.00)
Silver	ND(1.00)	0.130 B	NA	NA	ND(1.00)	0.170 B
Sulfide	12.0	ND(5.60)	NA	NA	48.0	7.70
Thallium	ND(1.10)	ND(1.10)	NA	NA	ND(1.10)	ND(1.20)
Tin	2.90 B	4.70 B	NA	NA	3.30 B	3.20 B
Vanadium	6.50	6.90	NA	NA	5.70	9.30
Zinc	37.0	32.0	NA	NA	42.0	77.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II20 6-15 10/14/03	RAA10-N-II20 14-15 10/14/03	RAA10-N-II24 0-1 10/20/03	RAA10-N-II24 1-6 10/20/03	RAA10-N-II24 4-6 10/20/03	RAA10-N-II24 6-15 10/20/03
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
1,2-Dichloroethane	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
2-Butanone	NA	ND(0.12)	NA	NA	ND(0.11)	NA
4-Methyl-2-pentanone	NA	ND(0.012)	NA	NA	ND(0.011)	NA
Acetone	NA	ND(0.12)	NA	NA	ND(0.11)	NA
Acetonitrile	NA	ND(0.12)	NA	NA	ND(0.11)	NA
Benzene	NA	0.023	NA	NA	ND(0.0054)	NA
Bromomethane	NA	ND(0.012)	NA	NA	ND(0.011)	NA
Carbon Disulfide	NA	ND(0.012)	NA	NA	ND(0.011)	NA
Chlorobenzene	NA	0.032	NA	NA	ND(0.0054)	NA
Chloroform	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
Chloromethane	NA	ND(0.012)	NA	NA	ND(0.011)	NA
Ethylbenzene	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
Methyl Methacrylate	NA	ND(0.012)	NA	NA	ND(0.011)	NA
Methylene Chloride	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
Propionitrile	NA	ND(0.061)	NA	NA	ND(0.054)	NA
Toluene	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.012)	NA	NA	ND(0.011)	NA
Trichloroethene	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
Trichlorofluoromethane	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
Xylenes (total)	NA	ND(0.0061)	NA	NA	ND(0.0054)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
1,2,4-Trichlorobenzene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
1,2-Dichlorobenzene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
1,4-Dichlorobenzene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2,4,6-Trichlorophenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2,4-Dichlorophenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2,4-Dimethylphenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2,6-Dichlorophenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2-Chlorophenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2-Methylnaphthalene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
2-Methylphenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
3&4-Methylphenol	ND(0.80)	NA	NA	ND(0.73)	NA	NA
4-Nitrophenol	ND(2.0)	NA	NA	ND(1.8)	NA	NA
Acenaphthene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Acenaphthylene	ND(0.40)	NA	NA	0.098 J	NA	NA
Aniline	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Anthracene	ND(0.40)	NA	NA	0.12 J	NA	NA
Benzo(a)anthracene	ND(0.40)	NA	NA	0.29 J	NA	NA
Benzo(a)pyrene	ND(0.40)	NA	NA	0.22 J	NA	NA
Benzo(b)fluoranthene	ND(0.40)	NA	NA	0.21 J	NA	NA
Benzo(g,h,i)perylene	ND(0.40)	NA	NA	0.094 J	NA	NA
Benzo(k)fluoranthene	ND(0.40)	NA	NA	0.24 J	NA	NA
Benzyl Alcohol	ND(0.80)	NA	NA	ND(0.73)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.39)	NA	NA	ND(0.36)	NA	NA
Butylbenzylphthalate	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Chrysene	0.18 J	NA	NA	0.25 J	NA	NA
Dibenzo(a,h)anthracene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Dibenzofuran	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Diethylphthalate	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Dimethylphthalate	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Di-n-Octylphthalate	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Fluoranthene	ND(0.40)	NA	NA	0.59	NA	NA
Fluorene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Hexachlorobenzene	ND(0.40)	NA	NA	ND(0.36)	NA	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-II20 6-15 10/14/03	RAA10-N-II20 14-15 10/14/03	RAA10-N-II24 0-1 10/20/03	RAA10-N-II24 1-6 10/20/03	RAA10-N-II24 4-6 10/20/03	RAA10-N-II24 6-15 10/20/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.40)	NA	NA	0.10 J	NA	NA
Naphthalene	ND(0.40)	NA	NA	ND(0.36)	NA	NA
N-Nitroso-di n-propylamine	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Pentachlorophenol	ND(2.0)	NA	NA	ND(1.8)	NA	NA
Phenanthrene	ND(0.40)	NA	NA	0.21 J	NA	NA
Phenol	ND(0.40)	NA	NA	ND(0.36)	NA	NA
Pyrene	ND(0.40)	NA	NA	0.45	NA	NA
Furans						
2,3,7,8-TCDF	0.00000047 J	NA	0.0000073 JY	0.00000029 J	NA	0.0000012 J
TCDFs (total)	0.0000092	NA	0.00014 Q	0.0000021 Q	NA	0.000010
1,2,3,7,8-PeCDF	0.00000029 J	NA	0.0000038 J	0.00000017 J	NA	0.0000012 J
2,3,4,7,8-PeCDF	0.0000012 J	NA	0.000023 J	0.00000028 J	NA	0.0000017 J
PeCDFs (total)	0.0000026	NA	0.00023 Q	0.0000018 Q	NA	0.000013 Q
1,2,3,4,7,8-HxCDF	0.0000015 J	NA	0.0000061 J	0.00000013 J	NA	0.0000029 J
1,2,3,6,7,8-HxCDF	ND(0.00000043) X	NA	0.0000062 J	0.00000016 J	NA	0.0000019 J
1,2,3,7,8,9-HxCDF	ND(0.00000055)	NA	ND(0.0000011) X	ND(0.00000053)	NA	0.00000029 JQ
2,3,4,6,7,8-HxCDF	ND(0.00000055)	NA	0.000012 J	0.00000013 J	NA	0.00000097 J
HxCDFs (total)	0.0000019	NA	0.00018 Q	0.0000012	NA	0.000013 Q
1,2,3,4,6,7,8 HpCDF	0.00000085 J	NA	0.000043	0.00000027 J	NA	0.0000058 J
1,2,3,4,7,8,9-HpCDF	0.00000088 J	NA	0.0000022 J	ND(0.000000077) X	NA	0.00000046 J
HpCDFs (total)	0.0000017	NA	0.000088	0.00000027	NA	0.0000068
OCDF	0.0000016 J	NA	0.000056	0.00000040 J	NA	0.0000031 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000059)	NA	ND(0.0000016)	ND(0.00000021)	NA	ND(0.00000028) X
TCDDs (total)	ND(0.00000068)	NA	ND(0.0000024)	0.000000094	NA	ND(0.00000028)
1,2,3,7,8-PeCDD	ND(0.00000019) X	NA	0.0000016 J	ND(0.00000053)	NA	0.00000023 J
PeCDDs (total)	ND(0.00000055)	NA	0.0000056 Q	ND(0.00000096)	NA	0.00000051 Q
1,2,3,4,7,8-HxCDD	ND(0.00000065)	NA	ND(0.0000013) X	ND(0.00000053)	NA	ND(0.00000013) X
1,2,3,6,7,8-HxCDD	ND(0.00000063)	NA	0.0000034 J	ND(0.00000017) X	NA	0.00000029 J
1,2,3,7,8,9-HxCDD	ND(0.00000066)	NA	ND(0.0000033) X	ND(0.00000020) X	NA	0.00000030 J
HxCDDs (total)	ND(0.00000064)	NA	0.0000091	0.00000026	NA	0.0000011
1,2,3,4,6,7,8-HpCDD	0.00000068 J	NA	0.000053	0.00000055 J	NA	0.0000010 J
HpCDDs (total)	0.00000068	NA	0.000090	0.0000010	NA	0.0000019
OCDD	0.0000024 J	NA	0.00045	0.0000039 J	NA	0.0000056 J
Total TEQs (WHO TEFs)	0.0000014	NA	0.000019	0.00000067	NA	0.0000021
Inorganics						
Antimony	ND(6.00)	NA	NA	0.830 B	NA	NA
Arsenic	2.90	NA	NA	3.70	NA	NA
Barium	15.0 B	NA	NA	37.0	NA	NA
Beryllium	0.200 B	NA	NA	0.250 B	NA	NA
Cadmium	0.200 B	NA	NA	ND(0.500)	NA	NA
Chromium	5.90	NA	NA	3.80	NA	NA
Cobalt	6.00	NA	NA	6.10	NA	NA
Copper	9.90	NA	NA	10.0	NA	NA
Cyanide	ND(0.120)	NA	NA	ND(0.110)	NA	NA
Lead	4.80	NA	NA	5.80	NA	NA
Mercury	ND(0.120)	NA	NA	ND(0.110)	NA	NA
Nickel	10.0	NA	NA	8.40	NA	NA
Selenium	ND(1.00)	NA	NA	ND(1.00)	NA	NA
Silver	ND(1.00)	NA	NA	ND(1.00)	NA	NA
Sulfide	40.0	NA	NA	ND(5.50)	NA	NA
Thallium	ND(1.20)	NA	NA	ND(1.10)	NA	NA
Tin	3.10 B	NA	NA	4.20 B	NA	NA
Vanadium	4.50 B	NA	NA	3.90 B	NA	NA
Zinc	28.0	NA	NA	27.0	NA	NA

TABLE 4

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

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Sample ID:	RAA10-N-JJ6	RAA10-N-JJ6	RAA10-N-JJ20	RAA10-N-JJ22	RAA10-N-JJ22	RAA10-N-JJ22
Sample Depth(Feet):	6-15	10-12	0-1	0-1	1-6	4-6
Parameter Date Collected:	10/17/03	10/17/03	10/02/03	10/15/03	10/16/03	10/16/03
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
1,2-Dichloroethane	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
2-Butanone	NA	ND(0.11)	ND(0.11)	ND(0.11)	NA	ND(0.12)
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.012)
Acetone	NA	ND(0.11)	ND(0.11)	ND(0.11)	NA	ND(0.12)
Acetonitrile	NA	ND(0.11)	ND(0.11)	ND(0.11)	NA	ND(0.12)
Benzene	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Bromomethane	NA	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.012)
Carbon Disulfide	NA	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.012)
Chlorobenzene	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Chloroform	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Chloromethane	NA	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.012)
Ethylbenzene	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Methyl Methacrylate	NA	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.012)
Methylene Chloride	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Propionitrile	NA	ND(0.054)	ND(0.057)	ND(0.057)	NA	ND(0.058)
Toluene	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
trans-1,4-Dichloro-2-butene	NA	ND(0.011)	ND(0.011)	ND(0.011)	NA	ND(0.012)
Trichloroethene	NA	ND(0.0054)	0.024	ND(0.0057)	NA	ND(0.0058)
Trichlorofluoromethane	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Xylenes (total)	NA	ND(0.0054)	ND(0.0057)	ND(0.0057)	NA	ND(0.0058)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.37)	NA	ND(0.38)	0.10 J	0.15 J	NA
1,4-Dichlorobenzene	ND(0.37)	NA	ND(0.38)	0.12 J	0.15 J	NA
2,4,6-Trichlorophenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
2-Chlorophenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
2-Methylphenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
3&4-Methylphenol	ND(0.75)	NA	ND(0.76)	ND(0.76)	ND(0.77)	NA
4-Nitrophenol	ND(1.9)	NA	ND(1.9)	ND(1.9)	ND(1.9)	NA
Acenaphthene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Acenaphthylene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Aniline	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Anthracene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Benzo(a)anthracene	ND(0.37)	NA	ND(0.38)	ND(0.38)	0.11 J	NA
Benzo(a)pyrene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Benzyl Alcohol	0.25 J	NA	ND(0.76)	ND(0.76)	ND(0.77)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.38)	ND(0.37)	ND(0.38)	NA
Butylbenzylphthalate	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Chrysene	ND(0.37)	NA	0.097 J	0.17 J	0.26 J	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Dibenzofuran	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Diethylphthalate	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Dimethylphthalate	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Fluoranthene	ND(0.37)	NA	0.084 J	ND(0.38)	ND(0.38)	NA
Fluorene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Hexachlorobenzene	ND(0.37)	NA	ND(0.38)	0.21 J	0.22 J	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-JJ6 6-15 10/17/03	RAA10-N-JJ6 10-12 10/17/03	RAA10-N-JJ20 0-1 10/02/03	RAA10-N-JJ22 0-1 10/16/03	RAA10-N-JJ22 1-6 10/16/03	RAA10-N-JJ22 4-6 10/16/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Naphthalene	ND(0.37)	NA	ND(0.38)	ND(0.38)	0.078 J	NA
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Pentachlorophenol	ND(1.9)	NA	ND(1.9)	ND(1.9)	ND(1.9)	NA
Phenanthrene	ND(0.37)	NA	0.080 J	ND(0.38)	ND(0.38)	NA
Phenol	ND(0.37)	NA	ND(0.38)	ND(0.38)	ND(0.38)	NA
Pyrene	ND(0.37)	NA	0.11 J	ND(0.38)	ND(0.38)	NA
Furans						
2,3,7,8-TCDF	0.00000021 J	NA	0.000044 Y	NA	0.0000064 Y	NA
TCDFs (total)	0.00000037	NA	0.00016 I	NA	0.00014	NA
1,2,3,7,8-PeCDF	0.00000026 J	NA	0.000028	NA	0.0000051 J	NA
2,3,4,7,8-PeCDF	0.00000022 J	NA	0.000027	NA	0.000016	NA
PeCDFs (total)	0.00000048	NA	0.0046 I	NA	0.000074	NA
1,2,3,4,7,8-HxCDF	0.00000015 J	NA	0.00024 I	NA	0.000037	NA
1,2,3,6,7,8-HxCDF	0.00000022 J	NA	0.000028	NA	0.0000050 J	NA
1,2,3,7,8,9-HxCDF	0.00000011 J	NA	ND(0.00000096)	NA	0.0000043 J	NA
2,3,4,6,7,8-HxCDF	0.00000012 J	NA	0.000049	NA	0.0000038 J	NA
HxCDFs (total)	0.00000060	NA	0.0021 I	NA	0.000086	NA
1,2,3,4,6,7,8-HpCDF	0.00000020 J	NA	0.00013	NA	0.000026	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000049)	NA	0.000027	NA	0.000020	NA
HpCDFs (total)	0.00000020	NA	0.00029 I	NA	0.000069	NA
OCDF	ND(0.00000098)	NA	0.00016	NA	0.000093	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000019) X	NA	ND(0.0000013)	NA	ND(0.00000027) X	NA
TCDDs (total)	ND(0.00000020)	NA	ND(0.0000013)	NA	0.0000078	NA
1,2,3,7,8-PeCDD	0.00000025 J	NA	ND(0.0000045)	NA	0.00000037 J	NA
PeCDDs (total)	0.00000025	NA	ND(0.0000045)	NA	0.0000052	NA
1,2,3,4,7,8-HxCDD	ND(0.00000014) X	NA	ND(0.0000026)	NA	0.00000032 J	NA
1,2,3,6,7,8-HxCDD	0.00000026 J	NA	ND(0.0000028)	NA	0.00000098 J	NA
1,2,3,7,8,9-HxCDD	0.00000029 J	NA	ND(0.0000027)	NA	ND(0.0000020) X	NA
HxCDDs (total)	0.00000055	NA	ND(0.0000028)	NA	0.0000069	NA
1,2,3,4,6,7,8-HpCDD	0.00000036 J	NA	0.000084	NA	0.000013	NA
HpCDDs (total)	0.00000053	NA	0.00016	NA	0.000023	NA
OCDD	0.0000018 J	NA	0.00046	NA	0.00011	NA
Total TEQs (WHO TEFs)	0.00000062	NA	0.000057	NA	0.000015	NA
Inorganics						
Antimony	NO(6.00)	NA	1.10 B	1.00 B	1.10 B	NA
Arsenic	2.50	NA	5.10	17.0	5.90	NA
Barium	15.0 B	NA	24.0	34.0	24.0	NA
Beryllium	0.150 B	NA	0.190 B	0.350 B	0.220 B	NA
Cadmium	ND(0.500)	NA	0.210 B	0.200 B	ND(0.500)	NA
Chromium	4.40	NA	8.30	9.40	11.0	NA
Cobalt	4.60 B	NA	5.40	5.30	5.60	NA
Copper	8.60	NA	18.0	17.0	46.0	NA
Cyanide	ND(0.220)	NA	0.0370 B	0.0510 B	0.0290 B	NA
Lead	4.70	NA	36.0	120	60.0	NA
Mercury	ND(0.110)	NA	1.70	0.710	0.420	NA
Nickel	8.10	NA	23.0	11.0	15.0	NA
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)	NA
Silver	0.120 B	NA	0.360 B	0.750 B	0.550 B	NA
Sulfide	ND(5.60)	NA	7.30	ND(5.70)	7.30	NA
Thallium	ND(1.10)	NA	ND(1.10)	ND(1.10)	ND(1.10)	NA
Tin	2.60 B	NA	3.00 B	3.70 B	3.40 B	NA
Vanadium	4.00 B	NA	8.60	6.90	6.20	NA
Zinc	25.0	NA	230	52.0	44.0	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-JJ22 6-15 10/16/03	RAA10-N-KK5 0-1 10/23/03	RAA10-N-KK10 0-1 10/08/03	RAA10-N-KK10 1-6 10/08/03	RAA10-N-KK10 4-6 10/08/03	RAA10-N-KK10 6-15 10/08/03
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
1,2-Dichloroethane	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
2-Butanone	NA	ND(0.011)	ND(0.010)	NA	ND(0.010)	NA
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.010)	NA	ND(0.010)	NA
Acetone	NA	ND(0.022)	ND(0.021)	NA	ND(0.021)	NA
Acetonitrile	NA	ND(0.11)	ND(0.10)	NA	ND(0.10)	NA
Benzene	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Bromomethane	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Carbon Disulfide	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Chlorobenzene	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Chloroform	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Chloromethane	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Ethylbenzene	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Methyl Methacrylate	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Methylene Chloride	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Propionitrile	NA	ND(0.011)	ND(0.010)	NA	ND(0.010)	NA
Toluene	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Trichloroethene	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Trichlorofluoromethane	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Xylenes (total)	NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0052)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
1,2,4-Trichlorobenzene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
1,2-Dichlorobenzene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
1,4-Dichlorobenzene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,4,5-Trichlorophenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,4-Dichlorophenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,4-Dimethylphenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,6-Dichlorophenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
2-Chlorophenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
2-Methylnaphthalene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	15
2-Methylphenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
3&4-Methylphenol	NA	ND(0.75)	ND(0.71)	ND(0.73)	NA	ND(0.77)
4-Nitrophenol	NA	ND(1.9)	ND(1.8)	ND(1.8)	NA	ND(1.9)
Acenaphthene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Acenaphthylene	NA	0.18 J	ND(0.35)	ND(0.36)	NA	ND(0.38)
Aniline	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Anthracene	NA	0.17 J	ND(0.35)	ND(0.36)	NA	0.36 J
Benzo(a)anthracene	NA	0.51	ND(0.35)	ND(0.36)	NA	ND(0.38)
Benzo(a)pyrene	NA	0.40	ND(0.35)	ND(0.36)	NA	ND(0.38)
Benzo(b)fluoranthene	NA	0.37 J	ND(0.35)	ND(0.36)	NA	ND(0.38)
Benzo(g,h,i)perylene	NA	0.25 J	ND(0.35)	ND(0.36)	NA	ND(0.38)
Benzo(k)fluoranthene	NA	0.35 J	ND(0.35)	ND(0.36)	NA	ND(0.38)
Benzyl Alcohol	NA	ND(0.75)	ND(0.71)	ND(0.73)	NA	ND(0.77)
bis(2-Ethylhexyl)phthalate	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Butylbenzylphthalate	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Chrysene	NA	0.57	ND(0.35)	ND(0.36)	NA	0.11 J
Dibenzo(a,h)anthracene	NA	0.085 J	ND(0.35)	ND(0.36)	NA	ND(0.38)
Dibenzofuran	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Diethylphthalate	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Dimethylphthalate	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Di-n-Octylphthalate	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Fluoranthene	NA	1.1	ND(0.35)	ND(0.36)	NA	ND(0.38)
Fluorene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	1.8
Hexachlorobenzene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-JJ22 6-15 10/16/03	RAA10-N-KK5 0-1 10/23/03	RAA10-N-KK10 0-1 10/08/03	RAA10-N-KK10 1-6 10/08/03	RAA10-N-KK10 4-6 10/08/03	RAA10-N-KK10 6-15 10/08/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	0.20 J	ND(0.35)	ND(0.36)	NA	ND(0.38)
Naphthalene	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	2.5
N-Nitroso-di-n-propylamine	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Pentachlorophenol	NA	ND(1.9)	ND(1.8)	ND(1.8)	NA	ND(1.9)
Phenanthrene	NA	0.49	ND(0.35)	ND(0.36)	NA	3.2
Phenol	NA	ND(0.37)	ND(0.35)	ND(0.36)	NA	ND(0.38)
Pyrene	NA	1.0	ND(0.35)	ND(0.36)	NA	0.97
Furans						
2,3,7,8-TCDF	ND(0.0000011) X	0.0000018 Y	ND(0.0000011) Y	ND(0.00000017)	NA	ND(0.00000068)
TCDFs (total)	0.000036	0.000073	0.000050 I	ND(0.00000017)	NA	0.0000010
1,2,3,7,8-PeCDF	0.00000091 J	ND(0.0000021)	ND(0.00000084) X	ND(0.00000011)	NA	ND(0.00000036)
2,3,4,7,8-PeCDF	0.0000035 J	0.0000060	ND(0.00000099) X	ND(0.000000094)	NA	ND(0.00000032)
PeCDFs (total)	0.000012	0.00011 QI	0.0000751	0.00000058	NA	ND(0.00000036)
1,2,3,4,7,8-HxCDF	0.0000056 J	0.0000026 J	0.0000048	ND(0.000000059)	NA	ND(0.00000021)
1,2,3,6,7,8-HxCDF	ND(0.00000067) X	0.0000025 J	ND(0.00000055) X	ND(0.000000051)	NA	ND(0.00000020)
1,2,3,7,8,9-HxCDF	0.00000070 J	0.00000032 J	ND(0.00000019)	ND(0.000000073)	NA	ND(0.00000025)
2,3,4,6,7,8-HxCDF	0.00000054 J	0.0000033	ND(0.00000058) X	ND(0.000000075)	NA	ND(0.00000023)
HxCDFs (total)	0.000010	0.000006	0.0000391	0.00000014	NA	0.0000041
1,2,3,4,6,7,8-HpCDF	0.0000030 J	0.000011	0.0000018	ND(0.00000022)	NA	ND(0.00000026)
1,2,3,4,7,8,9-HpCDF	0.0000033 J	0.0000012 J	ND(0.00000025)	ND(0.00000026)	NA	ND(0.00000032)
HpCDFs (total)	0.0000081	0.000027	0.0000018	ND(0.00000026)	NA	ND(0.00000032)
OCDF	0.000012 J	0.0000080	ND(0.00000037)	ND(0.00000042)	NA	ND(0.00000075)
Dioxins						
2,3,7,8-TCDD	ND(0.00000059)	ND(0.00000018) X	ND(0.00000015)	ND(0.00000011)	NA	ND(0.00000060)
TCDDs (total)	ND(0.00000076)	0.0000020	ND(0.00000015)	ND(0.00000011)	NA	ND(0.00000060)
1,2,3,7,8-PeCDD	ND(0.00000059)	0.00000058 J	ND(0.00000062)	ND(0.00000035)	NA	ND(0.00000071)
PeCDDs (total)	ND(0.00000059)	0.0000028 Q	ND(0.00000062)	ND(0.00000035)	NA	ND(0.00000071)
1,2,3,4,7,8-HxCDD	ND(0.00000059)	0.00000035 J	ND(0.00000024)	ND(0.00000022)	NA	ND(0.00000040)
1,2,3,6,7,8-HxCDD	ND(0.00000059)	0.0000012 J	ND(0.00000026)	ND(0.00000023)	NA	ND(0.00000042)
1,2,3,7,8,9-HxCDD	ND(0.00000059)	0.00000086 JQ	ND(0.00000025)	ND(0.00000022)	NA	ND(0.00000041)
HxCDDs (total)	ND(0.0000011)	0.0000089 Q	ND(0.00000026)	ND(0.00000023)	NA	ND(0.00000042)
1,2,3,4,6,7,8-HpCDD	0.00000083 J	0.000012	ND(0.0000016) X	ND(0.00000018)	NA	ND(0.00000045)
HpCDDs (total)	0.0000015	0.000024	0.0000020	ND(0.00000018)	NA	ND(0.00000045)
OCDD	0.0000050 J	0.000089	0.0000095	ND(0.00000033)	NA	ND(0.00000075)
Total TEQs (WHO TEFs)	0.0000033	0.0000053	0.0000013	0.00000031	NA	0.00000089
Inorganics						
Antimony	ND(6.00)	ND(6.00)	0.980 B	0.820 B	NA	0.900 B
Arsenic	2.50	1.90	3.80	2.50	NA	3.30
Barium	12.0 B	14.0 B	34.0	21.0	NA	20.0 B
Beryllium	0.150 B	0.190 B	0.230 B	0.190 B	NA	0.180 B
Cadmium	ND(0.500)	0.310 B	0.110 B	0.0910 B	NA	0.190 B
Chromium	5.60	3.20	4.60	3.90	NA	5.30
Cobalt	7.30	3.90 B	8.40	8.40	NA	5.70
Copper	9.30	7.50	11.0	24.0	NA	11.0
Cyanide	ND(0.130)	0.0660 B	0.0570 B	ND(0.110)	NA	0.0360 B
Lead	8.10	7.30	23.0	4.70	NA	4.80
Mercury	ND(0.130)	0.0480 B	0.0140 B	ND(0.110)	NA	ND(0.110)
Nickel	11.0	9.40	8.90	10.0	NA	10.0
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver	ND(1.00)	ND(1.00)	ND(1.00)	0.180 B	NA	ND(1.00)
Sulfide	46.0	120	ND(5.30)	ND(5.50)	NA	ND(5.70)
Thallium	ND(1.30)	ND(1.10)	ND(1.00)	ND(1.10)	NA	ND(1.10)
Tin	3.70 B	1.80 B	3.40 B	2.50 B	NA	3.00 B
Vanadium	4.20 B	4.30 B	5.30	3.80 B	NA	4.80 B
Zinc	34.0	25.0	32.0	23.0	NA	31.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-KK10 12-14 10/08/03	RAA10-N-KK16 6-15 10/03/03	RAA10-N-KK16 10-12 10/03/03	RAA10-N-KK18 0-1 10/03/03	RAA10-N-LL6 0-1 10/31/03	RAA10-N-LL12 0-1 10/07/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
1,2-Dichloroethane	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
2-Butanone	ND(0.012)	NA	ND(0.12)	ND(0.11)	ND(0.012)	ND(0.11)
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.012)	ND(0.011)	ND(0.012)	ND(0.011)
Acetone	ND(0.023)	NA	ND(0.12)	ND(0.11)	0.0068 J	ND(0.11)
Acetonitrile	ND(0.12)	NA	ND(0.12)	ND(0.11)	ND(0.12)	ND(0.11)
Benzene	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Bromomethane	ND(0.0058)	NA	ND(0.012)	ND(0.011)	ND(0.0060)	ND(0.011)
Carbon Disulfide	ND(0.0058)	NA	ND(0.012)	ND(0.011)	ND(0.0060)	ND(0.011)
Chlorobenzene	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Chloroform	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Chloromethane	ND(0.0058)	NA	ND(0.012)	ND(0.011)	ND(0.0060)	ND(0.011)
Ethylbenzene	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Methyl Methacrylate	ND(0.0058)	NA	ND(0.012)	ND(0.011)	ND(0.0060)	ND(0.011)
Methylene Chloride	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Propionitrile	ND(0.012)	NA	ND(0.060)	ND(0.055)	ND(0.012)	ND(0.056)
Toluene	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0058)	NA	ND(0.012)	ND(0.011)	ND(0.0060)	ND(0.011)
Trichloroethene	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	0.0041 J
Trichlorofluoromethane	ND(0.0058)	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Xylenes (total)	0.097	NA	ND(0.0060)	ND(0.0055)	ND(0.0060)	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
1,2,4-Trichlorobenzene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
1,2-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
1,4-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2,4,6-Trichlorophenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2,4-Dichlorophenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2,4-Dimethylphenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2,6-Dichlorophenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2-Chlorophenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2-Methylnaphthalene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
2-Methylphenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
3&4-Methylphenol	NA	ND(0.77)	NA	ND(0.74)	ND(0.80)	ND(0.75)
4-Nitrophenol	NA	ND(2.0)	NA	ND(1.9)	ND(2.0)	ND(3.5)
Acenaphthene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Acenaphthylene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Aniline	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Anthracene	NA	ND(0.38)	NA	0.14 J	0.088 J	ND(0.71)
Benzo(a)anthracene	NA	ND(0.38)	NA	0.51	0.21 J	ND(0.71)
Benzo(a)pyrene	NA	ND(0.38)	NA	0.62	0.16 J	ND(0.71)
Benzo(b)fluoranthene	NA	ND(0.38)	NA	0.59	0.13 J	ND(0.71)
Benzo(g,h,i)perylene	NA	ND(0.38)	NA	0.40	0.11 J	ND(0.71)
Benzo(k)fluoranthene	NA	ND(0.38)	NA	0.63	0.20 J	ND(0.71)
Benzyl Alcohol	NA	ND(0.77)	NA	ND(0.74)	ND(0.80)	ND(1.4)
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	NA	0.087 J	ND(0.39)	ND(0.37)
Butylbenzylphthalate	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Chrysene	NA	ND(0.38)	NA	0.53	0.26 J	ND(0.71)
Dibenzo(a,h)anthracene	NA	ND(0.38)	NA	0.10 J	ND(0.40)	ND(0.71)
Dibenzofuran	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Diethylphthalate	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Dimethylphthalate	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Di-n-Octylphthalate	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Fluoranthene	NA	ND(0.38)	NA	0.84	0.56	ND(0.71)
Fluorene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Hexachlorobenzene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA10-N-KK10	RAA10-N-KK16	RAA10-N-KK16	RAA10-N-KK18	RAA10-N-LL6	RAA10-N-LL12
Sample Depth(Feet):	12-14	6-15	10-12	0-1	0-1	0-1
Date Collected:	10/08/03	10/03/03	10/03/03	10/03/03	10/31/03	10/07/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	ND(0.38)	NA	0.43	0.089 J	ND(0.71)
Naphthalene	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
N-Nitroso-di-n-propylamine	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Pentachlorophenol	NA	ND(2.0)	NA	ND(1.9)	ND(2.0)	ND(3.5)
Phenanthrene	NA	ND(0.38)	NA	0.62	0.33 J	ND(0.71)
Phenol	NA	ND(0.38)	NA	ND(0.37)	ND(0.40)	ND(0.71)
Pyrene	NA	ND(0.38)	NA	1.0	0.43	ND(0.71)
Furans						
2,3,7,8-TCDF	NA	ND(0.000000076)	NA	ND(0.0000017) X	0.0000057 Y	ND(0.00000050) Y
TCDFs (total)	NA	0.00000013	NA	0.00024 I	0.000064	0.000042 I
1,2,3,7,8 PeCDF	NA	ND(0.000000073)	NA	ND(0.0000011) X	0.0000033 J	0.0000014
2,3,4,7,8-PeCDF	NA	ND(0.000000060)	NA	0.0000016	0.0000075	0.0000012
PeCDFs (total)	NA	ND(0.000000073)	NA	0.00024 I	0.00011	0.000077 I
1,2,3,4,7,8-HxCDF	NA	ND(0.000000050)	NA	0.0000080 I	0.0000040 J	0.0000090 I
1,2,3,6,7,8-HxCDF	NA	ND(0.000000050)	NA	ND(0.0000018) X	0.0000037 J	0.0000020
1,2,3,7,8,9-HxCDF	NA	ND(0.000000064)	NA	ND(0.00000027)	0.0000011 J	ND(0.00000015)
2,3,4,6,7,8-HxCDF	NA	ND(0.000000060)	NA	ND(0.0000027) X	0.0000065	0.00000091
HxCDFs (total)	NA	0.00000037	NA	0.000082 I	0.00010	0.000050 I
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000084)	NA	ND(0.0000051) X	0.000023	ND(0.0000098) X
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000010)	NA	ND(0.00000090)	0.0000016 J	ND(0.0000023) X
HpCDFs (total)	NA	ND(0.0000010)	NA	0.0000054	0.000054	ND(0.00000021)
OCDF	NA	ND(0.00000056)	NA	ND(0.0000021)	0.000021	0.0000062
Dioxins						
2,3,7,8 TCDD	NA	ND(0.00000011)	NA	ND(0.00000017)	ND(0.00000057)	ND(0.00000013)
TCDDs (total)	NA	ND(0.00000011)	NA	ND(0.00000017)	0.0000024	0.00000038
1,2,3,7,8-PeCDD	NA	ND(0.00000037)	NA	ND(0.000000083)	ND(0.00000057) X	ND(0.00000054)
PeCDDs (total)	NA	ND(0.00000037)	NA	ND(0.000000083)	0.0000050	ND(0.00000054)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000022)	NA	ND(0.00000057)	ND(0.00000044) X	ND(0.00000025)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000024)	NA	ND(0.00000059)	0.0000031 J	ND(0.00000027)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000023)	NA	ND(0.00000056)	0.0000018 J	ND(0.00000026)
HxCDDs (total)	NA	0.00000052	NA	ND(0.00000059)	0.000025	0.00000074
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000020)	NA	0.0000073	0.000023	ND(0.0000044) X
HpCDDs (total)	NA	0.0000022	NA	0.000014	0.000041	0.0000086
OCDD	NA	ND(0.0000020) X	NA	0.000055	0.00012	0.000049
Total TEQs (WHO TEFs)	NA	0.00000032	NA	0.0000023	0.0000076	0.0000024
Inorganics						
Antimony	NA	0.960 B	NA	2.50 B	ND(6.00)	ND(6.00)
Arsenic	NA	2.20	NA	3.60	4.20	4.30
Barium	NA	19.0 B	NA	34.0	36.0	22.0
Beryllium	NA	0.190 B	NA	0.280 B	0.300 B	0.270 B
Cadmium	NA	0.130 B	NA	0.310 B	0.880	ND(0.500)
Chromium	NA	4.80	NA	9.00	7.00	5.30
Cobalt	NA	5.10	NA	6.70	6.60	7.60
Copper	NA	11.0	NA	16.0	18.0	8.10
Cyanide	NA	ND(0.120)	NA	0.0520 B	0.0710 B	0.0740 B
Lead	NA	3.50	NA	9.40	27.0	8.70
Mercury	NA	ND(0.120)	NA	0.0460 B	0.240	0.0550 B
Nickel	NA	8.30	NA	14.0	11.0	7.70
Selenium	NA	ND(1.00)	NA	ND(1.00)	1.20	0.720 B
Silver	NA	ND(1.00)	NA	ND(1.00)	0.410 B	0.190 B
Sulfide	NA	ND(5.80)	NA	7.10	ND(6.00)	11.0
Thallium	NA	ND(1.20)	NA	ND(1.10)	ND(1.20)	ND(1.10)
Tin	NA	3.50 B	NA	2.70 B	4.20 B	3.40 B
Vanadium	NA	5.20	NA	8.00	23.0	7.40
Zinc	NA	24.0	NA	44.0	40.0	28.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-LL20 0-1 10/20/03	RAA10-N-LL20 1-6 10/20/03	RAA10-N-M7 0-1 11/13/03	RAA10-N-M7 6-15 11/13/03	RAA10-N-M7 8-10 11/13/03	RAA10-N-MM6 1-6 10/23/03
Volatile Organics						
1,1,1-Trichloroethane	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
1,2-Dichloroethane	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
2-Butanone	NA	NA	ND(0.013)	NA	ND(0.013)	NA
4-Methyl-2-pentanone	NA	NA	ND(0.013)	NA	ND(0.013)	NA
Acetone	NA	NA	ND(0.026)	NA	ND(0.026)	NA
Acetonitrile	NA	NA	ND(0.13)	NA	ND(0.13)	NA
Benzene	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Bromomethane	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Carbon Disulfide	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Chlorobenzene	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Chloroform	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Chloromethane	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Ethylbenzene	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Methyl Methacrylate	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Methylene Chloride	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Propionitrile	NA	NA	ND(0.013)	NA	ND(0.013)	NA
Toluene	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Trichloroethene	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Trichlorofluoromethane	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Xylenes (total)	NA	NA	ND(0.0064)	NA	ND(0.0065)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
1,2,4-Trichlorobenzene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
1,2-Dichlorobenzene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
1,4-Dichlorobenzene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2,4,6-Trichlorophenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2,4-Dichlorophenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2,4-Dimethylphenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2,6-Dichlorophenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2-Chlorophenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2-Methylnaphthalene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
2-Methylphenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
3&4-Methylphenol	NA	NA	ND(0.86)	ND(0.97)	NA	ND(0.74)
4-Nitrophenol	NA	NA	ND(2.2)	ND(2.4)	NA	ND(1.9)
Acenaphthene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Acenaphthylene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Aniline	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Anthracene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Benzo(a)anthracene	NA	NA	0.12 J	ND(0.48)	NA	ND(0.37)
Benzo(a)pyrene	NA	NA	0.091 J	ND(0.48)	NA	ND(0.37)
Benzo(b)fluoranthene	NA	NA	0.086 J	ND(0.48)	NA	ND(0.37)
Benzo(g,h,i)perylene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Benzo(k)fluoranthene	NA	NA	0.092 J	ND(0.48)	NA	ND(0.37)
Benzyl Alcohol	NA	NA	ND(0.86)	ND(0.97)	NA	ND(0.74)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.42)	ND(0.48)	NA	ND(0.37)
Butylbenzylphthalate	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Chrysene	NA	NA	0.15 J	ND(0.48)	NA	ND(0.37)
Dibenzo(a,h)anthracene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Dibenzofuran	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Diethylphthalate	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Dimethylphthalate	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Di-n-Octylphthalate	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Fluoranthene	NA	NA	0.31 J	ND(0.48)	NA	ND(0.37)
Fluorene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Hexachlorobenzene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-LL20 0-1 10/20/03	RAA10-N-LL20 1-6 10/20/03	RAA10-N-M7 0-1 11/13/03	RAA10-N-M7 6-15 11/13/03	RAA10-N-M7 8-10 11/13/03	RAA10-N-MM6 1-6 10/23/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Naphthalene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
N-Nitroso-di-n-propylamine	NA	NA	0.52	ND(0.48)	NA	ND(0.37)
Pentachlorophenol	NA	NA	ND(2.2)	ND(2.4)	NA	ND(1.9)
Phenanthrene	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Phenol	NA	NA	ND(0.43)	ND(0.48)	NA	ND(0.37)
Pyrene	NA	NA	0.22 J	ND(0.46)	NA	ND(0.37)
Furans						
2,3,7,8-TCDF	0.000011 Y	0.00000043 J	0.00012 Y	ND(0.00000038)	NA	0.0000015 Y
TCDFs (total)	0.00014 Q	0.0000021	0.00093	ND(0.00000038)	NA	0.000028
1,2,3,7,8-PeCDF	0.0000039 JQ	0.00000016 J	0.000057	ND(0.00000018) X	NA	0.00000062 J
2,3,4,7,8-PeCDF	0.000016 JQ	0.00000018 J	0.000073	0.00000017 J	NA	0.0000025 J
PeCDFs (total)	0.00017 QI	0.0000016	0.00070 Q	0.00000017	NA	0.000053
1,2,3,4,7,8-HxCDF	0.0000054 J	0.00000012 J	0.000076	ND(0.00000063)	NA	0.0000010 J
1,2,3,6,7,8-HxCDF	0.0000051 J	0.00000015 J	0.000051	ND(0.00000063)	NA	0.00000090 J
1,2,3,7,8,9-HxCDF	ND(0.0000064) Q	ND(0.00000054)	0.0000068	ND(0.00000063)	NA	0.00000033 J
2,3,4,6,7,8-HxCDF	0.0000080 J	0.000000056 J	0.000022	ND(0.00000063)	NA	0.0000023 J
HxCDFs (total)	0.00013 Q	0.00000046	0.00042	ND(0.00000063)	NA	0.000038
1,2,3,4,6,7,8-HpCDF	0.000037	0.00000026 J	0.000064	ND(0.00000025) X	NA	0.0000033
1,2,3,4,7,8,9-HpCDF	0.0000030 J	ND(0.00000054)	0.000014	ND(0.00000063)	NA	0.00000048 J
HpCDFs (total)	0.000083	0.00000038	0.00011	ND(0.00000063)	NA	0.0000084
OCDF	0.000058	ND(0.00000037) X	0.000055	ND(0.0000013)	NA	0.0000026 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000018)	ND(0.00000022) X	0.00000093 J	ND(0.00000064)	NA	ND(0.00000011)
TCDDs (total)	0.0000043 Q	ND(0.00000094)	0.0000096	ND(0.00000080)	NA	0.00000013
1,2,3,7,8-PeCDD	0.0000027 J	ND(0.00000015) X	ND(0.0000030) X	ND(0.00000063)	NA	ND(0.00000027)
PeCDDs (total)	0.0000077 Q	ND(0.00000054)	0.000020 Q	ND(0.0000011)	NA	0.00000047
1,2,3,4,7,8-HxCDD	0.0000026 J	ND(0.000000069) X	0.0000019 J	ND(0.00000063)	NA	0.00000012 J
1,2,3,6,7,8-HxCDD	0.0000055 J	0.00000011 J	0.0000044 J	ND(0.00000063)	NA	0.00000026 J
1,2,3,7,8,9-HxCDD	0.0000063 J	0.00000013 J	0.0000036 J	ND(0.00000063)	NA	0.00000023 J
HxCDDs (total)	0.000044	0.00000031	0.000050	ND(0.00000063)	NA	0.0000016
1,2,3,4,6,7,8-HpCDD	0.00010	0.00000064 J	0.000021	0.00000068 J	NA	0.0000020 J
HpCDDs (total)	0.00018	0.0000011	0.000050	0.00000068	NA	0.0000038
OCDD	0.00072	0.0000038 J	0.00028	0.0000036 J	NA	0.000012
Total TEQs (WHO TEFs)	0.000018	0.00000043	0.000071	0.00000098	NA	0.0000022
Inorganics						
Antimony	1.20 B	NA	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	3.80	NA	3.20	1.80	NA	3.10
Barium	19.0 B	NA	27.0	33.0	NA	16.0 B
Beryllium	0.230 B	NA	0.150 B	0.220 B	NA	0.320 B
Cadmium	0.0890 B	NA	0.360 B	0.420 B	NA	0.390 B
Chromium	8.10	NA	4.30	7.00	NA	5.50
Cobalt	5.30	NA	4.40 B	5.90	NA	5.30
Copper	16.0	NA	14.0	9.90	NA	8.60
Cyanide	0.0500 B	NA	0.0600 B	0.0420 B	NA	0.0590 B
Lead	27.0	NA	18.0	4.00	NA	9.20
Mercury	0.0480 B	NA	0.0960 B	ND(0.140)	NA	0.0580 B
Nickel	22.0	NA	6.90	10.0	NA	9.80
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.10)	NA	ND(1.00)
Silver	ND(1.00)	NA	ND(1.00)	ND(1.10)	NA	ND(1.00)
Sulfide	69.0	NA	16.0	48.0	NA	ND(5.60)
Thallium	ND(1.10)	NA	ND(1.30)	ND(1.40)	NA	ND(1.10)
Tin	5.30 B	NA	4.40 B	4.50 B	NA	2.80 B
Vanadium	11.0	NA	5.10	7.80	NA	7.00
Zinc	58.0	NA	33.0	30.0	NA	32.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-MM6 4-6 10/23/03	RAA10-N-MM6 6-15 10/23/03	RAA10-N-MM6 12-14 10/23/03	RAA10-N-MM7 0-1 10/31/03	RAA10-N-MM12 6-15 10/07/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
1,2-Dichloroethane	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
2-Butanone	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA
4-Methyl-2-pentanone	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA
Acetone	ND(0.021)	NA	ND(0.021)	ND(0.024)	NA
Acetonitrile	ND(0.10)	NA	ND(0.11)	ND(0.12)	NA
Benzene	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Bromomethane	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Carbon Disulfide	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Chlorobenzene	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Chloroform	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Chloromethane	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Ethylbenzene	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Methyl Methacrylate	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Methylene Chloride	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Propionitrile	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA
Toluene	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
trans-1,4-Dichloro-2-butene	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Trichloroethene	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Trichlorofluoromethane	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Xylenes (total)	ND(0.0053)	NA	ND(0.0053)	ND(0.0060)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
1,2,4-Trichlorobenzene	NA	ND(0.36)	NA	ND(0.40)	0.30 J [0.22 J]
1,2-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
1,4-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.40)	0.28 J [0.16 J]
2,4,6-Trichlorophenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
2,4-Dichlorophenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
2,4-Dimethylphenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
2,6-Dichlorophenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
2-Chlorophenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
2-Methylnaphthalene	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
2-Methylphenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
3&4-Methylphenol	NA	ND(0.73)	NA	ND(0.80)	ND(0.74) [ND(0.74)]
4-Nitrophenol	NA	ND(1.8)	NA	ND(2.0)	ND(1.9) [ND(1.9)]
Acenaphthene	NA	ND(0.36)	NA	0.40	ND(0.37) [ND(0.37)]
Acenaphthylene	NA	ND(0.36)	NA	0.15 J	ND(0.37) [ND(0.37)]
Aniline	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Anthracene	NA	ND(0.36)	NA	0.89	ND(0.37) [ND(0.37)]
Benzo(a)anthracene	NA	ND(0.36)	NA	2.8	ND(0.37) [ND(0.37)]
Benzo(a)pyrene	NA	ND(0.36)	NA	2.0	ND(0.37) [ND(0.37)]
Benzo(b)fluoranthene	NA	ND(0.36)	NA	1.4	ND(0.37) [ND(0.37)]
Benzo(g,h,i)perylene	NA	ND(0.36)	NA	1.1	ND(0.37) [ND(0.37)]
Benzo(k)fluoranthene	NA	ND(0.36)	NA	2.0	ND(0.37) [ND(0.37)]
Benzyl Alcohol	NA	ND(0.73)	NA	ND(0.80)	ND(0.74) [ND(0.74)]
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	ND(0.39)	ND(0.36) [ND(0.36)]
Butylbenzylphthalate	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Chrysene	NA	ND(0.36)	NA	2.6	ND(0.37) [ND(0.37)]
Dibenzo(a,h)anthracene	NA	ND(0.36)	NA	0.47	ND(0.37) [ND(0.37)]
Dibenzofuran	NA	ND(0.36)	NA	0.16 J	ND(0.37) [ND(0.37)]
Diethylphthalate	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Dimethylphthalate	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Di-n-Octylphthalate	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Fluoranthene	NA	ND(0.36)	NA	5.6	ND(0.37) [ND(0.37)]
Fluorene	NA	ND(0.36)	NA	0.30 J	ND(0.37) [ND(0.37)]
Hexachlorobenzene	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-MM6 4-6 10/23/03	RAA10-N-MM6 6-15 10/23/03	RAA10-N-MM6 12-14 10/23/03	RAA10-N-MM7 0-1 10/31/03	RAA10-N-MM12 6-15 10/07/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	NA	ND(0.36)	NA	0.92	ND(0.37) [ND(0.37)]
Naphthalene	NA	ND(0.36)	NA	0.12 J	ND(0.37) [ND(0.37)]
N-Nitroso-di-n-propylamine	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Pentachlorophenol	NA	ND(1.8)	NA	ND(2.0)	ND(1.9) [ND(1.9)]
Phenanthrene	NA	ND(0.36)	NA	2.7	0.64 [0.50]
Phenol	NA	ND(0.36)	NA	ND(0.40)	ND(0.37) [ND(0.37)]
Pyrene	NA	ND(0.36)	NA	4.8	ND(0.37) [ND(0.37)]
Furans					
2,3,7,8-TCDF	NA	0.000000081 J	NA	0.0000035 Y	ND(0.00000022) [ND(0.00000089) Y]
TCDFs (total)	NA	0.000000081	NA	0.000051	0.000016 I [0.000016 I]
1,2,3,7,8-PeCDF	NA	ND(0.000000046) X	NA	0.0000021 J	ND(0.00000020) [0.0000021]
2,3,4,7,8-PeCDF	NA	ND(0.000000048) X	NA	0.0000054 J	ND(0.0000017) X [0.0000024]
PeCDFs (total)	NA	0.00000018	NA	0.000042 Q	0.000018 I [0.000018 I]
1,2,3,4,7,8-HxCDF	NA	0.000000035 J	NA	0.0000046 J	0.0000045 I [0.0000048]
1,2,3,6,7,8-HxCDF	NA	0.000000064 J	NA	0.0000030 J	ND(0.0000010) X [0.0000021]
1,2,3,7,8,9-HxCDF	NA	ND(0.00000026)	NA	0.00000095 JQ	0.00000069 [ND(0.0000018) X]
2,3,4,6,7,8-HxCDF	NA	ND(0.00000026)	NA	0.0000051 J	0.0000014 [0.0000024]
HxCDFs (total)	NA	0.00000031	NA	0.00012 Q	0.000014 I [0.000019 I]
1,2,3,4,6,7,8-HpCDF	NA	0.000000083 J	NA	0.000076	ND(0.0000042) X [ND(0.0000056) X]
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000026)	NA	0.0000042 J	ND(0.0000026) X [ND(0.0000031) X]
HpCDFs (total)	NA	0.00000015	NA	0.00025	0.0000059 [0.0000059]
OCDF	NA	ND(0.00000052)	NA	0.00021	0.000012 [0.000013]
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000010)	NA	ND(0.00000051)	ND(0.00000022) [ND(0.00000030)]
TCDDs (total)	NA	ND(0.00000033)	NA	0.0000044	ND(0.00000022) [ND(0.00000030)]
1,2,3,7,8-PeCDD	NA	ND(0.00000026)	NA	0.0000013 J	ND(0.00000090) [ND(0.0000035) X]
PeCDDs (total)	NA	ND(0.00000049)	NA	0.0000073 Q	ND(0.00000090) [ND(0.00000087)]
1,2,3,4,7,8-HxCDD	NA	ND(0.00000026)	NA	0.0000011 J	ND(0.00000058) [ND(0.0000014) X]
1,2,3,6,7,8-HxCDD	NA	ND(0.00000026)	NA	0.0000082	ND(0.000000081) [ND(0.0000020) X]
1,2,3,7,8,9-HxCDD	NA	ND(0.00000026)	NA	0.0000036 J	ND(0.00000061) [ND(0.0000015) X]
HxCDDs (total)	NA	ND(0.00000026)	NA	0.000048	ND(0.00000061) [ND(0.00000060)]
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000017) X	NA	0.00019	0.0000097 [0.0000097]
HpCDDs (total)	NA	ND(0.00000026)	NA	0.00038	0.000017 [0.000018]
OCDD	NA	0.0000011 J	NA	0.0021	0.000068 [0.000066]
Total TEQs (WHO TEFs)	NA	0.00000028	NA	0.000010	0.0000019 [0.0000047]
Inorganics					
Antimony	NA	ND(6.00)	NA	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic	NA	2.00	NA	3.50	4.00 [4.50]
Barium	NA	14.0 B	NA	31.0	31.0 [24.0]
Beryllium	NA	0.160 B	NA	0.240 B	0.350 B [0.360 B]
Cadmium	NA	0.290 B	NA	0.450 B	ND(0.500) [ND(0.500)]
Chromium	NA	3.00	NA	6.00	5.90 [6.40]
Cobalt	NA	4.20 B	NA	4.80 B	9.60 [7.30]
Copper	NA	7.00	NA	13.0	24.0 [10.0]
Cyanide	NA	ND(0.110)	NA	0.0860 B	0.0260 B [0.110]
Lead	NA	4.00	NA	24.0	6.00 [5.20]
Mercury	NA	ND(0.110)	NA	0.150	0.170 [0.0510 B]
Nickel	NA	10.0	NA	9.30	14.0 [11.0]
Selenium	NA	ND(1.00)	NA	1.20	ND(1.00) [ND(1.00)]
Silver	NA	0.190 B	NA	ND(1.00)	0.120 B [0.140 B]
Sulfide	NA	ND(5.50)	NA	9.60	14.0 [8.90]
Thallium	NA	ND(1.10)	NA	ND(1.20)	ND(1.10) [ND(1.10)]
Tin	NA	1.70 B	NA	3.80 B	3.70 B [3.20 B]
Vanadium	NA	3.20 B	NA	14.0	5.70 [6.50]
Zinc	NA	22.0	NA	36.0	39.0 [30.0]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-MM12 12-14 10/07/03	RAA10-N-MM18 0-1 10/31/03	RAA10-N-MM18 6-8 10/31/03	RAA10-N-MM18 8-15 10/31/03	RAA10-N-NN12 0-1 10/07/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
1,2-Dichloroethane	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
2-Butanone	ND(0.11) [ND(0.11)]	ND(0.012)	ND(0.011)	NA	ND(0.11)
4-Methyl-2-pentanone	ND(0.011) [ND(0.011)]	ND(0.012)	ND(0.011)	NA	ND(0.011)
Acetone	0.0056 J [0.010 J]	ND(0.023)	ND(0.022)	NA	ND(0.11)
Acetonitrile	ND(0.11) [ND(0.11)]	ND(0.12)	ND(0.11)	NA	ND(0.11)
Benzene	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
Bromomethane	ND(0.011) [ND(0.011)]	ND(0.0058)	ND(0.0056)	NA	ND(0.011)
Carbon Disulfide	ND(0.011) [ND(0.011)]	ND(0.0058)	ND(0.0056)	NA	ND(0.011)
Chlorobenzene	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
Chloroform	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	0.0030 J
Chloromethane	ND(0.011) [ND(0.011)]	ND(0.0058)	ND(0.0056)	NA	ND(0.011)
Ethylbenzene	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
Methyl Methacrylate	ND(0.011) [ND(0.011)]	ND(0.0058)	ND(0.0056)	NA	ND(0.011)
Methylene Chloride	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
Propionitrile	ND(0.056) [ND(0.057)]	ND(0.012)	ND(0.011)	NA	ND(0.054)
Toluene	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.011) [ND(0.011)]	ND(0.0058)	ND(0.0056)	NA	ND(0.011)
Trichloroethene	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	0.016
Trichlorofluoromethane	ND(0.0056) [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
Xylenes (total)	0.0028 J [ND(0.0057)]	ND(0.0058)	ND(0.0056)	NA	ND(0.0054)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
1,2,4-Trichlorobenzene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
1,2-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
1,4-Dichlorobenzene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2,4,6-Trichlorophenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2,4-Dichlorophenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2,4-Dimethylphenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2,6-Dichlorophenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2-Chlorophenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2-Methylnaphthalene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
2-Methylphenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
3&4-Methylphenol	NA	ND(0.77)	NA	ND(0.80)	ND(0.73)
4-Nitrophenol	NA	ND(2.0)	NA	ND(2.0)	ND(1.8)
Acenaphthene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Acenaphthylene	NA	0.084 J	NA	ND(0.40)	ND(0.36)
Aniline	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Anthracene	NA	ND(0.38)	NA	ND(0.40)	0.19 J
Benzo(a)anthracene	NA	0.089 J	NA	ND(0.40)	1.3
Benzo(a)pyrene	NA	0.11 J	NA	ND(0.40)	1.6
Benzo(b)fluoranthene	NA	0.081 J	NA	ND(0.40)	1.7
Benzo(g,h,i)perylene	NA	ND(0.38)	NA	ND(0.40)	0.98
Benzo(k)fluoranthene	NA	0.12 J	NA	ND(0.40)	1.6
Benzyl Alcohol	NA	ND(0.77)	NA	ND(0.80)	ND(0.73)
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	NA	ND(0.39)	ND(0.36)
Butylbenzylphthalate	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Chrysene	NA	0.098 J	NA	ND(0.40)	1.5
Dibenzo(a,h)anthracene	NA	ND(0.38)	NA	ND(0.40)	0.36 J
Dibenzofuran	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Diethylphthalate	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Dimethylphthalate	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Di-n-Octylphthalate	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Fluoranthene	NA	0.093 J	NA	ND(0.40)	1.4
Fluorene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Hexachlorobenzene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-MM12 12-14 10/07/03	RAA10-N-MM18 0-1 10/31/03	RAA10-N-MM18 6-8 10/31/03	RAA10-N-MM18 6-15 10/31/03	RAA10-N-NN12 0-1 10/07/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	NA	ND(0.38)	NA	ND(0.40)	1.1
Naphthalene	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
N-Nitroso-di-n-propylamine	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Pentachlorophenol	NA	ND(2.0)	NA	ND(2.0)	ND(1.8)
Phenanthrene	NA	ND(0.38)	NA	ND(0.40)	0.80
Phenol	NA	ND(0.38)	NA	ND(0.40)	ND(0.36)
Pyrene	NA	0.11 J	NA	ND(0.40)	1.8
Furans					
2,3,7,8-TCDF	NA	0.0000033 Y	NA	ND(0.00000031)	ND(0.0000011) X
TCDFs (total)	NA	0.000033	NA	ND(0.00000031)	0.000019 I
1,2,3,7,8-PeCDF	NA	0.0000014 J	NA	ND(0.00000058)	0.0000012
2,3,4,7,8-PeCDF	NA	0.0000040 J	NA	0.00000020 J	0.0000013
PeCDFs (total)	NA	0.000052	NA	0.00000042	0.000032 I
1,2,3,4,7,8-HxCDF	NA	0.0000032 J	NA	ND(0.00000058)	0.0000029 I
1,2,3,6,7,8-HxCDF	NA	0.0000021 J	NA	ND(0.00000058)	ND(0.0000014) X
1,2,3,7,8,9-HxCDF	NA	0.0000010 J	NA	ND(0.00000058)	0.0000011
2,3,4,6,7,8-HxCDF	NA	0.0000043 J	NA	ND(0.00000058)	ND(0.0000015) X
HxCDFs (total)	NA	0.000060	NA	0.00000032	0.000019 I
1,2,3,4,6,7,8-HpCDF	NA	0.0000077	NA	0.00000031 J	ND(0.0000066) X
1,2,3,4,7,8,9-HpCDF	NA	0.0000013 J	NA	ND(0.00000058)	ND(0.0000017) X
HpCDFs (total)	NA	0.000018	NA	0.00000031	ND(0.00000027)
OCDF	NA	0.0000072 J	NA	ND(0.0000012)	0.0000029
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000042)	NA	ND(0.00000045)	ND(0.00000012)
TCDDs (total)	NA	0.0000024	NA	ND(0.00000074)	ND(0.00000012)
1,2,3,7,8-PeCDD	NA	ND(0.00000034) X	NA	ND(0.00000058)	ND(0.0000018) X
PeCDDs (total)	NA	0.0000020 Q	NA	ND(0.0000010)	ND(0.00000032)
1,2,3,4,7,8-HxCDD	NA	0.00000040 J	NA	ND(0.00000058)	0.0000013
1,2,3,6,7,8-HxCDD	NA	ND(0.00000059) X	NA	ND(0.00000058)	0.0000024
1,2,3,7,8,9-HxCDD	NA	0.00000072 J	NA	ND(0.00000058)	0.0000048
HxCDDs (total)	NA	0.0000045	NA	ND(0.0000011)	0.000021
1,2,3,4,6,7,8-HpCDD	NA	0.0000062	NA	ND(0.00000058)	0.000024
HpCDDs (total)	NA	0.000012	NA	ND(0.00000058)	0.000060
OCDD	NA	0.000038	NA	0.0000031 J	0.00029
Total TEQs (WHO TEFs)	NA	0.0000041	NA	0.00000086	0.0000034
Inorganics					
Antimony	NA	ND(6.00)	NA	ND(6.00)	0.880 B
Arsenic	NA	12.0	NA	2.30	1.80
Barium	NA	43.0	NA	19.0 B	22.0
Beryllium	NA	0.260 B	NA	0.340 B	0.190 B
Cadmium	NA	0.290 B	NA	0.360 B	ND(0.500)
Chromium	NA	3.80	NA	6.40	3.50
Cobalt	NA	4.20 B	NA	5.70	2.90 B
Copper	NA	9.80	NA	9.00	22.0
Cyanide	NA	0.460 B	NA	ND(0.240)	0.0600 B
Lead	NA	6.90	NA	5.20	39.0
Mercury	NA	0.0200 B	NA	0.0390 B	0.190
Nickel	NA	6.90	NA	9.50	5.00
Selenium	NA	1.30	NA	0.570 B	ND(1.00)
Silver	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide	NA	ND(5.80)	NA	7.60	10.0
Thallium	NA	ND(1.20)	NA	ND(1.20)	ND(1.10)
Tin	NA	3.10 B	NA	3.40 B	7.00 B
Vanadium	NA	6.70	NA	7.90	3.70 B
Zinc	NA	18.0	NA	39.0	37.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-NN14 1-6 10/07/03	RAA10-N-NN14 3-4 10/07/03	RAA10-N-O7 1-6 11/14/03	RAA10-N-OO7 0-1 10/22/03	RAA10-N-OO16 0-1 10/22/03
Volatile Organics					
1,1,1-Trichloroethane	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
1,2-Dichloroethane	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
2-Butanone	NA	ND(0.11)	NA	ND(0.12)	ND(0.10)
4-Methyl-2-pentanone	NA	ND(0.011)	NA	ND(0.012)	ND(0.010)
Acetone	NA	ND(0.11)	NA	ND(0.12)	ND(0.10)
Acetonitrile	NA	ND(0.11)	NA	ND(0.12)	ND(0.10)
Benzene	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Bromomethane	NA	ND(0.011)	NA	ND(0.012)	ND(0.010)
Carbon Disulfide	NA	ND(0.011)	NA	ND(0.012)	ND(0.010)
Chlorobenzene	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Chloroform	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Chloromethane	NA	ND(0.011)	NA	ND(0.012)	ND(0.010)
Ethylbenzene	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Methyl Methacrylate	NA	ND(0.011)	NA	ND(0.012)	ND(0.010)
Methylene Chloride	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Propionitrile	NA	ND(0.055)	NA	ND(0.060)	ND(0.052)
Toluene	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
trans-1,4-Dichloro-2-butene	NA	ND(0.011)	NA	ND(0.012)	ND(0.010)
Trichloroethene	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Trichlorofluoromethane	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Xylenes (total)	NA	ND(0.0055)	NA	ND(0.0060)	ND(0.0052)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
1,2-Dichlorobenzene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
1,4-Dichlorobenzene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2,4,6-Trichlorophenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2,4-Dichlorophenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2,4-Dimethylphenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2,6-Dichlorophenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2-Chlorophenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2-Methylnaphthalene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
2-Methylphenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
3&4-Methylphenol	ND(0.76)	NA	ND(0.80)	ND(0.80)	ND(0.70)
4-Nitrophenol	ND(1.9)	NA	ND(2.0)	ND(2.0)	ND(1.8)
Acenaphthene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Acenaphthylene	ND(0.38)	NA	ND(0.40)	ND(0.40)	0.22 J
Aniline	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Anthracene	ND(0.38)	NA	ND(0.40)	ND(0.40)	0.23 J
Benzo(a)anthracene	ND(0.38)	NA	ND(0.40)	0.18 J	0.45
Benzo(a)pyrene	ND(0.38)	NA	ND(0.40)	0.15 J	0.33 J
Benzo(b)fluoranthene	ND(0.38)	NA	ND(0.40)	0.14 J	0.29 J
Benzo(g,h,i)perylene	ND(0.38)	NA	ND(0.40)	0.12 J	0.16 J
Benzo(k)fluoranthene	ND(0.38)	NA	ND(0.40)	0.17 J	0.38
Benzyl Alcohol	ND(0.76)	NA	ND(0.80)	ND(0.80)	ND(0.70)
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.40)	ND(0.39)	ND(0.34)
Butylbenzylphthalate	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Chrysene	ND(0.38)	NA	ND(0.40)	0.22 J	0.45
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Dibenzofuran	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Diethylphthalate	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Dimethylphthalate	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Di-n-Octylphthalate	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Fluoranthene	ND(0.38)	NA	ND(0.40)	0.42	1.0
Fluorene	ND(0.38)	NA	ND(0.40)	ND(0.40)	0.075 J
Hexachlorobenzene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-N-NN14	RAA10-N-NN14	RAA10-N-O7	RAA10-N-OO7	RAA10-N-OO16
Sample Depth(Feet):	1-6	3-4	1-6	0-1	0-1
Parameter Date Collected:	10/07/03	10/07/03	11/14/03	10/22/03	10/22/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	ND(0.40)	0.086 J	0.16 J
Naphthalene	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
N-Nitroso-di-n-propylamine	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Pentachlorophenol	ND(1.9)	NA	ND(2.0)	ND(2.0)	ND(1.8)
Phenanthrene	ND(0.38)	NA	ND(0.40)	0.17 J	0.56
Phenol	ND(0.38)	NA	ND(0.40)	ND(0.40)	ND(0.35)
Pyrene	ND(0.38)	NA	ND(0.40)	0.34 J	0.72
Furans					
2,3,7,8-TCDF	0.000014 Y	NA	0.0000095 Y	0.0000035 Y	0.0000028 Y
TCDFs (total)	0.000065 I	NA	0.00016	0.000068	0.000050
1,2,3,7,8-PeCDF	0.0000046	NA	0.0000032 J	ND(0.0000029)	0.0000013 J
2,3,4,7,8-PeCDF	0.0000046	NA	0.000012	0.0000060	0.0000073
PeCDFs (total)	0.000041 I	NA	0.00016 Q	0.00013 QI	0.000063 Q
1,2,3,4,7,8-HxCDF	0.0000054 I	NA	0.0000078	0.0000025 J	0.0000018 J
1,2,3,6,7,8-HxCDF	0.0000021	NA	0.0000048 J	0.0000022 J	0.0000018 J
1,2,3,7,8,9-HxCDF	0.0000012	NA	0.0000012 JQ	0.00000051 JQ	0.00000035 JQ
2,3,4,6,7,8-HxCDF	0.0000021	NA	0.000010	0.0000052	0.0000040
HxCDFs (total)	0.000020 I	NA	0.00014 Q	0.000087 Q	0.000060 Q
1,2,3,4,6,7,8-HpCDF	ND(0.0000075) X	NA	0.000020	0.000015	0.0000090
1,2,3,4,7,8,9-HpCDF	ND(0.0000020) X	NA	0.0000033 J	0.00000097 J	0.00000088 J
HpCDFs (total)	ND(0.00000025)	NA	0.000049	0.000031	0.000021
OCDF	0.0000029	NA	0.000026	0.000014	0.000014
Dioxins					
2,3,7,8-TCDD	ND(0.00000016)	NA	ND(0.00000042)	0.0000056	ND(0.00000018) X
TCDDs (total)	0.0000059	NA	0.0000032	0.0000095	0.00000082
1,2,3,7,8-PeCDD	ND(0.0000013) X	NA	0.0000012 J	0.00000085 J	0.00000055 J
PeCDDs (total)	ND(0.00000046)	NA	0.0000062 Q	0.0000086 Q	0.0000018 Q
1,2,3,4,7,8-HxCDD	ND(0.0000012) X	NA	0.00000081 J	0.00000055 J	0.00000053 J
1,2,3,6,7,8-HxCDD	0.0000014	NA	0.0000018 J	0.0000019 J	0.0000013 J
1,2,3,7,8,9-HxCDD	ND(0.0000019) X	NA	0.0000018 J	0.0000014 J	0.0000013 J
HxCDDs (total)	0.000013	NA	0.000022	0.000020	0.000012
1,2,3,4,6,7,8 HpCDD	0.0000068	NA	0.000012	0.000023	0.000019
HpCDDs (total)	0.000016	NA	0.000024	0.000042	0.000037
OCDD	0.000071	NA	0.000078	0.00018	0.00017
Total TEQs (WHO TEFs)	0.0000062	NA	0.000012	0.000012	0.0000061
Inorganics					
Antimony	1.30 B	NA	ND(6.00)	0.820 B	1.20 B
Arsenic	5.90	NA	3.10	5.10	3.20
Barium	33.0	NA	29.0	37.0	23.0
Beryllium	0.170 B	NA	0.170 B	0.280 B	0.180 B
Cadmium	0.260 B	NA	0.390 B	0.200 B	ND(0.500)
Chromium	130	NA	4.70	9.50	18.0
Cobalt	4.90 B	NA	5.50	7.60	6.20
Copper	170	NA	13.0	18.0	14.0
Cyanide	0.0550 B	NA	0.0560 B	0.130	ND(0.100)
Lead	53.0	NA	13.0	58.0	11.0
Mercury	0.0790 B	NA	0.0860 B	0.110 B	ND(0.100)
Nickel	260	NA	8.60	13.0	13.0
Selenium	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Silver	0.250 B	NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide	9.10	NA	80.0	9.50	ND(5.20)
Thallium	ND(1.10)	NA	ND(1.20)	ND(1.20)	ND(1.00)
Tin	7.90 B	NA	3.40 B	4.40 B	3.10 B
Vanadium	5.10	NA	7.10	15.0	5.20
Zinc	180	NA	28.0	72.0	32.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-PP8 0-1 10/16/03	RAA10-N-PP8 6-15 10/16/03	RAA10-N-PP8 12-14 10/16/03	RAA10-N-PP12 0-1 10/16/03	RAA10-N-PP14 1-6 10/20/03	RAA10-N-PP14 6-15 10/20/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
1,2-Dichloroethane	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
2-Butanone	ND(0.10)	NA	ND(0.11)	ND(0.12)	NA	NA
4-Methyl-2-pentanone	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	NA
Acetone	ND(0.10)	NA	ND(0.11)	ND(0.12)	NA	NA
Acetonitrile	ND(0.10)	NA	ND(0.11)	ND(0.12)	NA	NA
Benzene	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Bromomethane	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	NA
Carbon Disulfide	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	NA
Chlorobenzene	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Chloroform	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Chloromethane	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	NA
Ethylbenzene	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Methyl Methacrylate	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	NA
Methylene Chloride	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Propionitrile	ND(0.052)	NA	ND(0.056)	ND(0.058)	NA	NA
Toluene	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	NA
Trichloroethene	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Trichlorofluoromethane	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Xylenes (total)	ND(0.0052)	NA	ND(0.0056)	ND(0.0058)	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
1,2-Dichlorobenzene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
1,4-Dichlorobenzene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2,4-Dichlorophenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2,4-Dimethylphenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2,6-Dichlorophenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2-Chlorophenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2-Methylnaphthalene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
2-Methylphenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
3&4-Methylphenol	ND(0.70)	ND(0.76)	NA	ND(0.78)	NA	ND(0.74)
4-Nitrophenol	ND(1.8)	ND(1.9)	NA	0.41 J	NA	ND(1.9)
Acenaphthene	ND(0.35)	ND(0.38)	NA	0.94	NA	ND(0.37)
Acenaphthylene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Aniline	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Anthracene	ND(0.35)	ND(0.38)	NA	4.4	NA	ND(0.37)
Benzo(a)anthracene	ND(0.35)	ND(0.38)	NA	6.0	NA	ND(0.37)
Benzo(a)pyrene	ND(0.35)	ND(0.38)	NA	5.1	NA	ND(0.37)
Benzo(b)fluoranthene	ND(0.35)	ND(0.38)	NA	4.0	NA	ND(0.37)
Benzo(g,h,i)perylene	ND(0.35)	ND(0.38)	NA	3.1	NA	ND(0.37)
Benzo(k)fluoranthene	ND(0.35)	ND(0.38)	NA	5.0	NA	ND(0.37)
Benzyl Alcohol	ND(0.70)	ND(0.76)	NA	ND(0.78)	NA	ND(0.74)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.37)	NA	ND(0.38)	NA	ND(0.37)
Butylbenzylphthalate	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Chrysene	ND(0.35)	ND(0.38)	NA	6.0	NA	ND(0.37)
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.38)	NA	1.0	NA	ND(0.37)
Dibenzofuran	ND(0.35)	ND(0.38)	NA	0.48	NA	ND(0.37)
Diethylphthalate	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Dimethylphthalate	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Di-n-Octylphthalate	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Fluoranthene	ND(0.35)	ND(0.38)	NA	18	NA	ND(0.37)
Fluorene	ND(0.35)	ND(0.38)	NA	1.2	NA	ND(0.37)
Hexachlorobenzene	ND(0.35)	ND(0.39)	NA	ND(0.39)	NA	ND(0.37)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-PP8 0-1 10/16/03	RAA10-N-PP8 6-15 10/16/03	RAA10-N-PP8 12-14 10/16/03	RAA10-N-PP12 0-1 10/16/03	RAA10-N-PP14 1-6 10/20/03	RAA10-N-PP14 6-15 10/20/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.38)	NA	2.7	NA	ND(0.37)
Naphthalene	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Pentachlorophenol	ND(1.8)	ND(1.9)	NA	ND(2.0)	NA	ND(1.9)
Phenanthrene	ND(0.35)	ND(0.38)	NA	15	NA	ND(0.37)
Phenol	ND(0.35)	ND(0.38)	NA	ND(0.39)	NA	ND(0.37)
Pyrene	ND(0.35)	ND(0.38)	NA	15	NA	ND(0.37)
Furans						
2,3,7,8-TCDF	0.00000071 J	ND(0.00000025)	NA	0.0000082 Y	NA	0.00000049 J
TCDFs (total)	0.0000068	ND(0.00000025)	NA	0.00014 Q	NA	0.0000026
1,2,3,7,8-PeCDF	0.00000045 J	ND(0.00000056)	NA	0.0000048 JQ	NA	ND(0.00000022) X
2,3,4,7,8-PeCDF	0.0000015 J	ND(0.00000056)	NA	0.000018	NA	0.00000021 J
PeCDFs (total)	0.000023 Q	ND(0.00000056)	NA	0.00017 QI	NA	0.0000015
1,2,3,4,7,8-HxCDF	0.00000055 J	ND(0.00000056)	NA	0.0000091	NA	0.00000021 J
1,2,3,6,7,8-HxCDF	0.00000061 J	ND(0.00000056)	NA	0.0000079	NA	0.00000022 J
1,2,3,7,8,9-HxCDF	ND(0.00000014) X	ND(0.00000056)	NA	0.0000019 JQ	NA	0.000000060 J
2,3,4,6,7,8-HxCDF	0.0000012 J	ND(0.00000056)	NA	0.000016	NA	0.000000072 J
HxCDFs (total)	0.000017	ND(0.00000056)	NA	0.00024 Q	NA	0.0000011
1,2,3,4,6,7,8-HpCDF	0.0000021 J	0.00000014 J	NA	0.000046	NA	0.00000034 J
1,2,3,4,7,8,9-HpCDF	0.00000024 J	ND(0.00000056)	NA	0.0000029 J	NA	0.000000076 J
HpCDFs (total)	0.0000043	0.00000014	NA	0.000090	NA	0.00000050
OCDF	0.0000014 J	ND(0.0000011)	NA	0.000033	NA	0.00000034 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000022)	ND(0.00000022)	NA	ND(0.00000053) X	NA	ND(0.00000018) X
TCDDs (total)	ND(0.00000068)	ND(0.00000082)	NA	0.0000045	NA	0.000000056
1,2,3,7,8-PeCDD	ND(0.00000017) X	ND(0.00000056)	NA	0.0000017 J	NA	ND(0.00000012) X
PeCDDs (total)	0.00000037	ND(0.00000096)	NA	0.000013 Q	NA	0.000000084
1,2,3,4,7,8-HxCDD	0.00000015 J	ND(0.00000056)	NA	ND(0.0000012) X	NA	ND(0.00000050)
1,2,3,6,7,8-HxCDD	0.00000042 J	ND(0.00000056)	NA	0.0000053 J	NA	0.00000014 J
1,2,3,7,8,9-HxCDD	0.00000033 J	ND(0.00000056)	NA	0.0000035 J	NA	0.00000017 J
HxCDDs (total)	0.0000015	ND(0.00000056)	NA	0.000050	NA	0.00000037
1,2,3,4,6,7,8-HpCDD	0.0000035 J	ND(0.00000040) X	NA	0.000056	NA	0.00000048 J
HpCDDs (total)	0.0000070	ND(0.00000056)	NA	0.00011	NA	0.00000074
OCDD	0.000028	0.0000020 J	NA	0.00039	NA	0.0000025 J
Total TEQs (WHO TEFs)	0.0000014	0.00000076	NA	0.000018	NA	0.00000043
Inorganics						
Antimony	0.840 B	1.00 B	NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	2.10	3.30	NA	4.80	3.90	3.60
Barium	13.0 B	19.0 B	NA	44.0	21.0	39.0
Beryllium	0.150 B	0.200 B	NA	0.240 B	0.270 B	0.250 B
Cadmium	ND(0.500)	ND(0.500)	NA	0.400 B	ND(0.500)	ND(0.500)
Chromium	4.00	5.40	NA	16.0	6.20	5.40
Cobalt	4.50 B	7.20	NA	7.00	6.10	6.40
Copper	12.0	13.0	NA	37.0	11.0	10.0
Cyanide	ND(0.210)	0.0470 B	NA	0.110 B	ND(0.110)	ND(0.110)
Lead	8.90	4.60	NA	55.0	7.40	5.40
Mercury	ND(0.100)	ND(0.110)	NA	0.320	0.0670 B	0.00800 B
Nickel	8.30	10.0	NA	14.0	10.0	9.70
Selenium	ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)	ND(1.00)
Silver	ND(1.00)	ND(1.00)	NA	0.470 B	ND(1.00)	ND(1.00)
Sulfide	15.0	11.0	NA	ND(5.80)	20.0	11.0
Thallium	ND(1.00)	ND(1.10)	NA	ND(1.20)	ND(1.10)	ND(1.10)
Tin	2.60 B	2.70 B	NA	4.40 B	4.00 B	4.20 B
Vanadium	8.70	4.50 B	NA	19.0	6.90	5.80
Zinc	28.0	31.0	NA	64.0	36.0	31.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-PP14 10-12 10/20/03	RAA10-N-QQ8 1-6 10/22/03	RAA10-N-QQ8 4-6 10/22/03	RAA10-N-RR10 0-1 10/22/03	RAA10-N-RR10 6-15 10/22/03	RAA10-N-RR10 14-15 10/22/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
1,2-Dichloroethane	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
2-Butanone	ND(0.10)	NA	ND(0.11)	ND(0.11)	NA	ND(0.10)
4-Methyl-2-pentanone	ND(0.010)	NA	ND(0.011)	ND(0.011)	NA	ND(0.010)
Acetone	ND(0.10)	NA	ND(0.11)	ND(0.11)	NA	ND(0.10)
Acetonitrile	ND(0.10)	NA	ND(0.11)	ND(0.11)	NA	ND(0.10)
Benzene	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Bromomethane	ND(0.010)	NA	ND(0.011)	ND(0.011)	NA	ND(0.010)
Carbon Disulfide	ND(0.010)	NA	ND(0.011)	ND(0.011)	NA	ND(0.010)
Chlorobenzene	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Chloroform	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Chloromethane	ND(0.010)	NA	ND(0.011)	ND(0.011)	NA	ND(0.010)
Ethylbenzene	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Methyl Methacrylate	ND(0.010)	NA	ND(0.011)	ND(0.011)	NA	ND(0.010)
Methylene Chloride	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Propionitrile	ND(0.052)	NA	ND(0.056)	ND(0.055)	NA	ND(0.053)
Toluene	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
trans-1,4-Dichloro-2-butene	ND(0.010)	NA	ND(0.011)	ND(0.011)	NA	ND(0.010)
Trichloroethene	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Trichlorofluoromethane	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Xylenes (total)	ND(0.0052)	NA	ND(0.0056)	ND(0.0055)	NA	ND(0.0053)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
1,2,4-Trichlorobenzene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
1,2-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
1,4-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2,4,6-Trichlorophenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2,4-Dichlorophenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2,4-Dimethylphenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2,6-Dichlorophenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2-Chlorophenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2-Methylnaphthalene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
2-Methylphenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
3&4-Methylphenol	NA	ND(0.73)	NA	ND(0.74)	ND(0.73)	NA
4-Nitrophenol	NA	ND(1.9)	NA	ND(1.9)	ND(1.8)	NA
Acenaphthene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Acenaphthylene	NA	ND(0.36)	NA	4.3	ND(0.36)	NA
Aniline	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Anthracene	NA	ND(0.36)	NA	4.0	ND(0.36)	NA
Benzo(a)anthracene	NA	ND(0.36)	NA	14	ND(0.36)	NA
Benzo(a)pyrene	NA	ND(0.36)	NA	8.2	ND(0.36)	NA
Benzo(b)fluoranthene	NA	ND(0.36)	NA	6.9	ND(0.36)	NA
Benzo(g,h,i)perylene	NA	ND(0.36)	NA	3.8	ND(0.36)	NA
Benzo(k)fluoranthene	NA	ND(0.36)	NA	8.3	ND(0.36)	NA
Benzyl Alcohol	NA	ND(0.73)	NA	ND(0.74)	ND(0.73)	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	ND(0.36)	ND(0.36)	NA
Butylbenzylphthalate	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Chrysene	NA	ND(0.36)	NA	11	ND(0.36)	NA
Dibenzo(a,h)anthracene	NA	ND(0.36)	NA	2.0	ND(0.36)	NA
Dibenzofuran	NA	ND(0.36)	NA	0.10 J	ND(0.36)	NA
Diethylphthalate	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Dimethylphthalate	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Di-n-Octylphthalate	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Fluoranthene	NA	ND(0.36)	NA	29	ND(0.36)	NA
Fluorene	NA	ND(0.36)	NA	0.46	ND(0.36)	NA
Hexachlorobenzene	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-N-PP14	RAA10-N-QQ8	RAA10-N-QQ8	RAA10-N-RR10	RAA10-N-RR10	RAA10-N-RR10
Sample Depth(Feet):	10-12	1-6	4-6	0-1	6-15	14-15
Parameter Date Collected:	10/20/03	10/22/03	10/22/03	10/22/03	10/22/03	10/22/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	ND(0.36)	NA	4.1	ND(0.36)	NA
Naphthalene	NA	ND(0.36)	NA	0.22 J	ND(0.36)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Pentachlorophenol	NA	ND(1.9)	NA	ND(1.9)	ND(1.8)	NA
Phenanthrene	NA	ND(0.36)	NA	3.4	ND(0.36)	NA
Phenol	NA	ND(0.36)	NA	ND(0.37)	ND(0.36)	NA
Pyrene	NA	ND(0.36)	NA	21	ND(0.36)	NA
Furans						
2,3,7,8-TCDF	NA	0.000000086 J	NA	0.000085 Y	0.000000099 J	NA
TCDFs (total)	NA	0.00000023	NA	0.012 Q	0.00000024	NA
1,2,3,7,8-PeCDF	NA	ND(0.000000065) X	NA	0.00012 Q	ND(0.000000059) X	NA
2,3,4,7,8-PeCDF	NA	ND(0.000000061) X	NA	0.0035 Q	0.000000070 J	NA
PeCDFs (total)	NA	0.00000025	NA	0.032 QI	0.00000045	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.00000027)	NA	0.0011	0.000000031 J	NA
1,2,3,6,7,8-HxCDF	NA	0.000000067 J	NA	0.00095	0.000000072 J	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.00000027)	NA	0.00030 Q	ND(0.00000027)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.00000027)	NA	0.0020	ND(0.000000028) X	NA
HxCDFs (total)	NA	0.00000035	NA	0.027 QI	0.00000029	NA
1,2,3,4,6,7,8-HpCDF	NA	0.00000017 J	NA	0.0011	0.000000061 J	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000027)	NA	0.00029	ND(0.00000027)	NA
HpCDFs (total)	NA	0.00000029	NA	0.0031	0.000000061	NA
OCDF	NA	0.00000019 J	NA	0.00032	ND(0.00000055)	NA
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000011)	NA	0.000024	ND(0.00000011)	NA
TCDDs (total)	NA	ND(0.00000043)	NA	0.00067 Q	ND(0.00000042)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000027)	NA	0.00042	ND(0.00000027)	NA
PeCDDs (total)	NA	ND(0.00000053)	NA	0.0030 Q	ND(0.00000054)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000027)	NA	0.00027	ND(0.00000027)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.00000027)	NA	0.0020	ND(0.00000027)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.00000027)	NA	0.00093	ND(0.00000027)	NA
HxCDDs (total)	NA	ND(0.00000027)	NA	0.015	0.00000015	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00000024 J	NA	0.0044	ND(0.00000022) X	NA
HpCDDs (total)	NA	0.00000024	NA	0.0087	0.00000012	NA
OCDD	NA	0.0000028 J	NA	0.0026	0.0000012 J	NA
Total TEQs (WHO TEFs)	NA	0.00000031	NA	0.0030	0.00000031	NA
Inorganics						
Antimony	NA	1.20 B	NA	1.80 B	0.780 B	NA
Arsenic	NA	4.40	NA	3.40	2.00	NA
Barium	NA	12.0 B	NA	24.0	15.0 B	NA
Beryllium	NA	0.230 B	NA	0.160 B	0.130 B	NA
Cadmium	NA	ND(0.500)	NA	0.210 B	ND(0.500)	NA
Chromium	NA	5.90	NA	7.60	3.60	NA
Cobalt	NA	7.50	NA	5.10	3.90 B	NA
Copper	NA	15.0	NA	16.0	7.40	NA
Cyanide	NA	0.0280 B	NA	0.0900 B	ND(0.110)	NA
Lead	NA	5.70	NA	57.0	3.60	NA
Mercury	NA	ND(0.110)	NA	0.520	ND(0.110)	NA
Nickel	NA	14.0	NA	10.0	6.80	NA
Selenium	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Silver	NA	ND(1.00)	NA	ND(1.00)	ND(1.00)	NA
Sulfide	NA	ND(5.50)	NA	10.0	ND(5.50)	NA
Thallium	NA	ND(1.10)	NA	ND(1.10)	ND(1.10)	NA
Tin	NA	3.50 B	NA	3.90 B	2.90 B	NA
Vanadium	NA	5.20	NA	9.60	3.60 B	NA
Zinc	NA	34.0	NA	58.0	22.0	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-U5 6-8 10/30/03	RAA10-N-U5 6-15 10/30/03	RAA10-N-W3 6-15 10/30/03	RAA10-N-W3 8-10 10/30/03	RAA10-N-W4 1-6 10/30/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0054)	NA	NA	ND(0.0054)	NA
1,2-Dichloroethane	ND(0.0054)	NA	NA	ND(0.0054)	NA
2-Butanone	ND(0.011)	NA	NA	ND(0.011)	NA
4-Methyl-2-pentanone	ND(0.011)	NA	NA	ND(0.011)	NA
Acetone	ND(0.022)	NA	NA	ND(0.022)	NA
Acetonitrile	ND(0.11)	NA	NA	ND(0.11)	NA
Benzene	ND(0.0054)	NA	NA	ND(0.0054)	NA
Bromomethane	ND(0.0054)	NA	NA	ND(0.0054)	NA
Carbon Disulfide	ND(0.0054)	NA	NA	ND(0.0054)	NA
Chlorobenzene	ND(0.0054)	NA	NA	ND(0.0054)	NA
Chloroform	ND(0.0054)	NA	NA	ND(0.0054)	NA
Chloromethane	ND(0.0054)	NA	NA	ND(0.0054)	NA
Ethylbenzene	ND(0.0054)	NA	NA	ND(0.0054)	NA
Methyl Methacrylate	ND(0.0054)	NA	NA	ND(0.0054)	NA
Methylene Chloride	ND(0.0054)	NA	NA	ND(0.0054)	NA
Propionitrile	ND(0.011)	NA	NA	ND(0.011)	NA
Toluene	ND(0.0054)	NA	NA	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene	ND(0.0054)	NA	NA	ND(0.0054)	NA
Trichloroethene	ND(0.0054)	NA	NA	ND(0.0054)	NA
Trichlorofluoromethane	ND(0.0054)	NA	NA	ND(0.0054)	NA
Xylenes (total)	ND(0.0054)	NA	NA	ND(0.0054)	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
1,2,4-Trichlorobenzene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
1,2-Dichlorobenzene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
1,4-Dichlorobenzene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2,4,6-Trichlorophenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2,4-Dichlorophenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2,4-Dimethylphenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2,6-Dichlorophenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2-Chlorophenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2-Methylnaphthalene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
2-Methylphenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
3&4-Methylphenol	NA	ND(0.78)	ND(0.74)	NA	ND(0.77) [ND(0.78)]
4-Nitrophenol	NA	ND(2.0)	ND(1.9)	NA	ND(2.0) [ND(2.0)]
Acenaphthene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Acenaphthylene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Aniline	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Anthracene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Benzo(a)anthracene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Benzo(a)pyrene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Benzo(b)fluoranthene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Benzo(g,h,i)perylene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Benzo(k)fluoranthene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Benzyl Alcohol	NA	ND(0.78)	ND(0.74)	NA	ND(0.77) [ND(0.78)]
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.36)	NA	ND(0.38) [ND(0.38)]
Butylbenzylphthalate	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Chrysene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Dibenzo(a,h)anthracene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Dibenzofuran	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Diethylphthalate	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Dimethylphthalate	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Di-n-Octylphthalate	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Fluoranthene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Fluorene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Hexachlorobenzene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-U5 6-8 10/30/03	RAA10-N-U5 6-15 10/30/03	RAA10-N-W3 6-15 10/30/03	RAA10-N-W3 8-10 10/30/03	RAA10-N-W4 1-6 10/30/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Naphthalene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
N-Nitroso-di-n-propylamine	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Pentachlorophenol	NA	ND(2.0)	ND(1.9)	NA	ND(2.0) [ND(2.0)]
Phenanthrene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Phenol	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Pyrene	NA	ND(0.39)	ND(0.37)	NA	ND(0.38) [ND(0.39)]
Furans					
2,3,7,8-TCDF	NA	ND(0.00000028) X	0.00000015 J	NA	0.0000011 J [0.0000014 J]
TCDFs (total)	NA	0.00000024	0.00000030	NA	0.0000081 [0.0000096]
1,2,3,7,8-PeCDF	NA	ND(0.00000018) X	ND(0.00000012) X	NA	0.00000043 J [0.00000050 J]
2,3,4,7,8-PeCDF	NA	0.00000022 JQ	ND(0.000000095) X	NA	0.00000087 J [0.0000012 J]
PeCDFs (total)	NA	0.0000015 Q	ND(0.00000054)	NA	0.0000086 [0.000014]
1,2,3,4,7,8-HxCDF	NA	ND(0.00000014) X	ND(0.00000054)	NA	0.00000044 J [0.00000045 J]
1,2,3,6,7,8-HxCDF	NA	0.00000021 J	0.00000012 J	NA	ND(0.00000043) X [0.00000048 J]
1,2,3,7,8,9-HxCDF	NA	ND(0.00000057)	ND(0.00000054)	NA	ND(0.00000057) [ND(0.00000058)]
2,3,4,6,7,8-HxCDF	NA	0.00000013 J	ND(0.00000054)	NA	0.00000064 J [0.00000090 J]
HxCDFs (total)	NA	0.0000013	0.00000012	NA	0.0000086 [0.000013]
1,2,3,4,6,7,8-HpCDF	NA	0.00000026 J	0.000000082 J	NA	0.0000020 J [0.0000025 J]
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000057)	ND(0.00000054)	NA	ND(0.00000026) X [ND(0.00000058)]
HpCDFs (total)	NA	0.00000026	0.000000082	NA	0.0000040 [0.0000056]
OCDF	NA	ND(0.0000011)	ND(0.0000011)	NA	0.0000032 J [0.0000032 J]
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000029)	ND(0.00000022)	NA	ND(0.00000040) [ND(0.00000025)]
TCDDs (total)	NA	ND(0.00000076)	ND(0.00000076)	NA	ND(0.00000078) [ND(0.00000025)]
1,2,3,7,8-PeCDD	NA	ND(0.00000057)	0.000000073 J	NA	ND(0.00000057) [ND(0.00000058)]
PeCDDs (total)	NA	ND(0.00000083)	0.000000073	NA	ND(0.00000057) [ND(0.00000097)]
1,2,3,4,7,8-HxCDD	NA	ND(0.00000057)	ND(0.00000054)	NA	ND(0.00000057) [ND(0.00000058)]
1,2,3,6,7,8-HxCDD	NA	0.00000026 J	ND(0.00000054)	NA	ND(0.00000057) [ND(0.00000058)]
1,2,3,7,8,9-HxCDD	NA	ND(0.00000057)	ND(0.00000054)	NA	ND(0.00000032) X [ND(0.00000058)]
HxCDDs (total)	NA	0.00000026	ND(0.00000054)	NA	0.00000047 [0.0000012]
1,2,3,4,6,7,8-HpCDD	NA	ND(0.00000056) X	ND(0.00000023) X	NA	0.0000032 J [0.0000025 J]
HpCDDs (total)	NA	ND(0.00000057)	ND(0.00000054)	NA	0.0000062 [0.0000046]
OCDD	NA	0.0000026 J	ND(0.00000093) X	NA	0.000016 [0.000018]
Total TEQs (WHO TEFs)	NA	0.00000072	0.00000040	NA	0.0000013 [0.0000015]
Inorganics					
Antimony	NA	ND(6.00)	ND(6.00)	NA	ND(6.00) [ND(6.00)]
Arsenic	NA	1.70	3.20	NA	3.00 [3.70]
Barium	NA	11.0 B	33.0	NA	18.0 B [23.0]
Beryllium	NA	0.200 B	0.280 B	NA	0.280 B [0.330 B]
Cadmium	NA	0.280 B	0.300 B	NA	0.310 B [0.350 B]
Chromium	NA	4.50	4.80	NA	5.40 [6.20]
Cobalt	NA	5.60	7.00	NA	5.10 [6.60]
Copper	NA	7.60	12.0	NA	7.30 [9.30]
Cyanide	NA	ND(0.230)	0.0500 B	NA	0.0510 B [ND(0.230)]
Lead	NA	3.00	9.40	NA	10.0 [14.0]
Mercury	NA	ND(0.120)	ND(0.110)	NA	0.0290 B [0.0330 B]
Nickel	NA	9.40	12.0	NA	8.70 [10.0]
Selenium	NA	0.580 B	0.990 B	NA	1.10 [0.740 B]
Silver	NA	ND(1.00)	ND(1.00)	NA	ND(1.00) [ND(1.00)]
Sulfide	NA	9.30	ND(5.50)	NA	9.20 [ND(5.80)]
Thallium	NA	ND(1.20)	ND(1.10)	NA	ND(1.20) [ND(1.20)]
Tin	NA	3.40 B	3.40 B	NA	3.10 B [4.00 B]
Vanadium	NA	5.60	4.90 B	NA	8.00 [9.60]
Zinc	NA	22.0	30.0	NA	34.0 [42.0]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-W4 4-6 10/30/03	RAA10-N-W5 0-1 10/30/03	RAA10-N-Y6 0-1 11/11/03	RAA10-N-Y6 1-6 11/11/03	RAA10-N-Y6 4-6 11/11/03	RAA10-N-Y7 6-15 11/12/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
1,2-Dichloroethane	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
2-Butanone	ND(0.011) [ND(0.011)]	ND(0.012)	ND(0.010)	NA	ND(0.011)	NA
4-Methyl-2-pentanone	ND(0.011) [ND(0.011)]	ND(0.012)	ND(0.010)	NA	ND(0.011)	NA
Acetone	ND(0.023) [ND(0.023)]	ND(0.024)	ND(0.021)	NA	ND(0.022)	NA
Acetonitrile	ND(0.11) [ND(0.11)]	ND(0.12)	ND(0.10)	NA	ND(0.11)	NA
Benzene	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Bromomethane	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Carbon Disulfide	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Chlorobenzene	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Chloroform	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Chloromethane	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Ethylbenzene	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Methyl Methacrylate	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Methylene Chloride	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Propionitrile	ND(0.011) [ND(0.011)]	ND(0.012)	ND(0.010)	NA	ND(0.011)	NA
Toluene	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
trans-1,4-Dichloro-2-butene	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Trichloroethene	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Trichlorofluoromethane	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Xylenes (total)	ND(0.0057) [ND(0.0057)]	ND(0.0060)	ND(0.0053)	NA	ND(0.0055)	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
1,2,4-Trichlorobenzene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
1,2-Dichlorobenzene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
1,4-Dichlorobenzene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2,4,6-Trichlorophenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2,4-Dichlorophenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2,4-Dimethylphenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2,6-Dichlorophenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2-Chlorophenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2-Methylnaphthalene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
2-Methylphenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
3&4-Methylphenol	NA	ND(0.80)	ND(0.71)	ND(0.75)	NA	ND(0.80)
4-Nitrophenol	NA	ND(2.0)	ND(1.8)	ND(1.9)	NA	ND(2.0)
Acenaphthene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Acenaphthylene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Aniline	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Anthracene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Benzo(a)anthracene	NA	0.11 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Benzo(a)pyrene	NA	0.087 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Benzo(b)fluoranthene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Benzo(g,h,i)perylene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Benzo(k)fluoranthene	NA	0.089 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Benzyl Alcohol	NA	ND(0.80)	ND(0.71)	ND(0.75)	NA	ND(0.80)
bis(2-Ethylhexyl)phthalate	NA	ND(0.39)	ND(0.35)	ND(0.37)	NA	ND(0.39)
Butylbenzylphthalate	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Chrysene	NA	0.11 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Dibenzo(a,h)anthracene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Dibenzofuran	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Diethylphthalate	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Dimethylphthalate	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Di-n-Octylphthalate	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Fluoranthene	NA	0.19 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Fluorene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Hexachlorobenzene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-W4 4-6 10/30/03	RAA10-N-W5 0-1 10/30/03	RAA10-N-Y6 0-1 11/11/03	RAA10-N-Y6 1-6 11/11/03	RAA10-N-Y6 4-6 11/11/03	RAA10-N-Y7 6-15 11/12/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Naphthalene	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
N-Nitroso-di-n-propylamine	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Pentachlorophenol	NA	ND(2.0)	ND(1.8)	ND(1.9)	NA	ND(2.0)
Phenanthrene	NA	0.083 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Phenol	NA	ND(0.40)	ND(0.35)	ND(0.37)	NA	ND(0.40)
Pyrene	NA	0.20 J	ND(0.35)	ND(0.37)	NA	ND(0.40)
Furans						
2,3,7,8-TCDF	NA	0.0000019 J	0.00000030 J	ND(0.00000044) X	NA	ND(0.00000036)
TCDFs (total)	NA	0.000016	0.0000011	0.0000016	NA	ND(0.00000036)
1,2,3,7,8-PeCDF	NA	0.00000081 J	ND(0.00000051)	0.00000032 J	NA	ND(0.00000056)
2,3,4,7,8-PeCDF	NA	0.0000022 J	0.00000027 J	0.00000048 J	NA	ND(0.00000056)
PeCDFs (total)	NA	0.000026	0.0000016	0.0000046	NA	ND(0.00000056)
1,2,3,4,7,8-HxCDF	NA	0.0000011 J	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
1,2,3,6,7,8-HxCDF	NA	0.00000093 J	ND(0.00000051)	0.00000023 J	NA	ND(0.00000056)
1,2,3,7,8,9-HxCDF	NA	ND(0.00000060)	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
2,3,4,6,7,8-HxCDF	NA	0.0000017 J	ND(0.00000051)	0.00000025 J	NA	ND(0.00000056)
HxCDFs (total)	NA	0.000024	0.0000014	0.0000032	NA	ND(0.00000056)
1,2,3,4,6,7,8-HpCDF	NA	0.0000038 J	0.00000053 J	0.00000068 J	NA	ND(0.00000056)
1,2,3,4,7,8,9-HpCDF	NA	0.00000047 J	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
HpCDFs (total)	NA	0.0000085	0.0000011	0.0000012	NA	ND(0.00000056)
OCDF	NA	0.0000042 J	0.0000011 J	ND(0.0000011)	NA	ND(0.00000072) X
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000030)	ND(0.00000026)	ND(0.00000029)	NA	ND(0.00000056)
TCDDs (total)	NA	0.00000030	ND(0.00000064)	ND(0.00000071)	NA	ND(0.00000056)
1,2,3,7,8-PeCDD	NA	0.00000016 J	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
PeCDDs (total)	NA	0.00000035	ND(0.00000087)	ND(0.00000093)	NA	ND(0.00000097)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000017) X	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000048) X	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
1,2,3,7,8,9-HxCDD	NA	0.00000041 J	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
HxCDDs (total)	NA	0.0000020	ND(0.00000051)	ND(0.00000054)	NA	ND(0.00000056)
1,2,3,4,6,7,8-HpCDD	NA	0.0000042 J	0.0000012 J	0.00000064 J	NA	0.00000096 J
HpCDDs (total)	NA	0.0000077	0.0000020	0.0000011	NA	0.0000015
OCDD	NA	0.000024	0.0000099 J	0.0000040 J	NA	0.0000044 J
Total TEQs (WHO TEFs)	NA	0.0000022	0.00000076	0.00000089	NA	0.00000094
Inorganics						
Antimony	NA	ND(6.00)	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic	NA	3.10	3.10	3.00	NA	2.50
Barium	NA	26.0	98.0	17.0 B	NA	17.0 B
Beryllium	NA	0.220 B	0.310 B	0.220 B	NA	0.150 B
Cadmium	NA	0.350 B	0.320 B	0.220 B	NA	0.360 B
Chromium	NA	4.80	5.80	5.00	NA	4.20
Cobalt	NA	4.20 B	24.0	5.30	NA	4.40 B
Copper	NA	8.30	16.0	17.0	NA	9.10
Cyanide	NA	0.0590 B	0.0240 B	ND(0.220)	NA	ND(0.120)
Lead	NA	16.0	5.30	5.80	NA	4.30
Mercury	NA	0.0500 B	ND(0.100)	ND(0.110)	NA	ND(0.120)
Nickel	NA	7.80	15.0	10.0	NA	7.70
Selenium	NA	0.710 B	ND(1.00)	ND(1.00)	NA	ND(1.00)
Silver	NA	ND(1.00)	0.170 B	ND(1.00)	NA	ND(1.00)
Sulfide	NA	290	ND(5.30)	ND(5.60)	NA	21.0
Thallium	NA	ND(1.20)	ND(1.00)	ND(1.10)	NA	ND(1.20)
Tin	NA	3.50 B	3.20 B	3.30 B	NA	2.90 B
Vanadium	NA	7.10	7.50	5.10	NA	4.10 B
Zinc	NA	36.0	28.0	32.0	NA	24.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-Y7 8-10 11/12/03	RAA10-N-Y18 0-1 10/23/03	RAA10-W-A18 0-1 09/02/03	RAA10-W-A18 1-6 09/02/03	RAA10-W-A18 4-6 09/02/03	RAA10-W-B17 0-1 09/03/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
1,2-Dichloroethane	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
2-Butanone	ND(0.011)	ND(0.012)	0.0039 J	NA	0.0922 J	ND(0.011)
4-Methyl-2-pentanone	ND(0.011)	ND(0.012)	ND(0.012)	NA	ND(0.013)	ND(0.011)
Acetone	ND(0.023)	ND(0.024)	0.040	NA	0.021	0.012
Acetonitrile	ND(0.11)	ND(0.12)	ND(0.0050)	NA	0.0083	ND(0.0040)
Benzene	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Bromomethane	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Carbon Disulfide	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Chlorobenzene	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Chloroform	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Chloromethane	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Ethylbenzene	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Methyl Methacrylate	ND(0.0057)	ND(0.0060)	0.0012 JB	NA	0.00080 JB	ND(0.044)
Methylene Chloride	ND(0.0057)	ND(0.0060)	0.00069 JB	NA	0.00077 JB	0.0010 J
Propionitrile	ND(0.011)	ND(0.012)	0.0033 JB	NA	ND(0.26)	ND(0.22)
Toluene	ND(0.0057)	ND(0.0060)	0.00041 J	NA	ND(0.0050)	ND(0.0040)
trans-1,4-Dichloro-2-butene	ND(0.0057)	ND(0.0060)	0.035 JB	NA	0.037 JB	0.037 JB
Trichloroethene	ND(0.0057)	ND(0.0060)	ND(0.0050)	NA	ND(0.0050)	ND(0.0040)
Trichlorofluoromethane	ND(0.0057)	ND(0.0060)	0.0011 J	NA	ND(0.0050)	ND(0.0040)
Xylenes (total)	ND(0.0057)	ND(0.0060)	ND(0.015)	NA	ND(0.015)	ND(0.013)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
1,2,4-Trichlorobenzene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
1,2-Dichlorobenzene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
1,4-Dichlorobenzene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2,4,6-Trichlorophenol	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2,4-Dichlorophenol	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2,4-Dimethylphenol	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2,6-Dichlorophenol	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2-Chlorophenol	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2-Methylnaphthalene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
2-Methylphenol	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
3&4-Methylphenol	NA	ND(0.81)	ND(0.77)	ND(0.73)	NA	ND(0.71)
4-Nitrophenol	NA	ND(2.0)	ND(2.0)	ND(1.8)	NA	ND(1.8)
Acenaphthene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Acenaphthylene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Aniline	NA	0.34 J	ND(0.38)	ND(0.36)	NA	ND(0.35)
Anthracene	NA	0.13 J	ND(0.38)	ND(0.36)	NA	ND(0.35)
Benzo(a)anthracene	NA	0.45	0.038 J	ND(0.36)	NA	0.054 J
Benzo(a)pyrene	NA	0.34 J	0.037 J	ND(0.36)	NA	0.044 J
Benzo(b)fluoranthene	NA	0.32 J	0.032 J	ND(0.36)	NA	0.037 J
Benzo(g,h,i)perylene	NA	0.24 J	0.038 J	ND(0.36)	NA	0.032 J
Benzo(k)fluoranthene	NA	0.36 J	0.049 J	ND(0.36)	NA	0.048 J
Benzyl Alcohol	NA	ND(0.81)	ND(0.77)	ND(0.73)	NA	ND(0.71)
bis(2-Ethylhexyl)phthalate	NA	ND(0.40)	0.035 J	ND(0.36)	NA	ND(0.35)
Butylbenzylphthalate	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Chrysene	NA	0.52	0.057 J	ND(0.36)	NA	0.056 J
Dibenzo(a,h)anthracene	NA	ND(0.40)	0.015 J	ND(0.36)	NA	0.015 J
Dibenzofuran	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Diethylphthalate	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Dimethylphthalate	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Di-n-Octylphthalate	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Fluoranthene	NA	1.0	0.092 J	ND(0.36)	NA	0.091 J
Fluorene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Hexachlorobenzene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-N-Y7 8-10 11/12/03	RAA10-N-Y18 0-1 10/23/03	RAA10-W-A18 0-1 09/02/03	RAA10-W-A18 1-6 09/02/03	RAA10-W-A18 4-6 09/02/03	RAA10-W-B17 0-1 09/03/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	0.18 J	ND(0.38)	ND(0.36)	NA	ND(0.35)
Naphthalene	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
N-Nitroso-di-n-propylamine	NA	ND(0.40)	ND(0.38)	ND(0.36)	NA	ND(0.35)
Pentachlorophenol	NA	ND(2.0)	ND(2.0)	ND(1.8)	NA	ND(1.8)
Phenanthrene	NA	0.55	0.050 J	ND(0.36)	NA	0.049 J
Phenol	NA	0.29 J	ND(0.38)	ND(0.36)	NA	ND(0.35)
Pyrene	NA	0.83	0.087 J	ND(0.36)	NA	0.083 J
Furans						
2,3,7,8-TCDF	NA	0.0000028 Y	0.0000021	0.00000016	NA	0.0000018
TCDFs (total)	NA	0.00017	0.000017	0.00000070	NA	0.000026
1,2,3,7,8-PeCDF	NA	ND(0.0000021)	0.0000010	ND(0.00000013) X	NA	0.00000076
2,3,4,7,8-PeCDF	NA	0.000013	0.0000021	0.00000017	NA	0.0000049
PeCDFs (total)	NA	0.00017 Q	0.000029	0.0000015	NA	0.000068
1,2,3,4,7,8-HxCDF	NA	0.0000085	0.00000086	ND(0.00000010) X	NA	0.0000015
1,2,3,6,7,8-HxCDF	NA	0.0000048	0.00000096	0.00000014	NA	0.0000016
1,2,3,7,8,9-HxCDF	NA	0.0000018 JQ	ND(0.00000028)	ND(0.00000028)	NA	0.00000043
2,3,4,6,7,8-HxCDF	NA	0.000010	0.0000019	0.00000012	NA	0.0000048
HxCDFs (total)	NA	0.00015 Q	0.000029	0.0000013	NA	0.000072
1,2,3,4,6,7,8-HpCDF	NA	0.000015	0.0000050	0.00000037	NA	0.0000049
1,2,3,4,7,8,9-HpCDF	NA	0.0000031	0.00000038	ND(0.00000028)	NA	0.00000054
HpCDFs (total)	NA	0.000037	0.000014	0.00000079	NA	0.000013
OCDF	NA	0.0000097	0.0000078	ND(0.00000040) X	NA	0.0000023
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000020) X	ND(0.00000013) X	ND(0.00000011)	NA	ND(0.00000013) X
TCDDs (total)	NA	0.0000029	0.00000035	0.00000016	NA	0.00000049
1,2,3,7,8-PeCDD	NA	0.0000012 J	ND(0.00000022) X	ND(0.00000028)	NA	0.00000029
PeCDDs (total)	NA	0.000012 Q	0.0000024	0.0000011	NA	0.0000033
1,2,3,4,7,8-HxCDD	NA	0.00000092 J	0.00000027	ND(0.00000028)	NA	0.00000020
1,2,3,6,7,8-HxCDD	NA	0.0000038	0.00000084	ND(0.00000028)	NA	0.00000045
1,2,3,7,8,9-HxCDD	NA	0.0000023 J	0.00000061	ND(0.00000028)	NA	0.00000047
HxCDDs (total)	NA	0.000034	0.0000075	ND(0.00000028)	NA	0.0000047
1,2,3,4,6,7,8-HpCDD	NA	0.000011	0.000020	0.0000010	NA	0.0000024
HpCDDs (total)	NA	0.000022	0.000035	0.0000018	NA	0.0000051
OCDD	NA	0.000034	0.00014	0.0000057	NA	0.000018
Total TEQs (WHO TEFs)	NA	0.000012	0.0000023	0.00000040	NA	0.0000041
Inorganics						
Antimony	NA	ND(6.00)	ND(0.430) N	ND(0.440) N	NA	ND(0.420)
Arsenic	NA	2.30	3.40	2.70	NA	1.60
Barium	NA	33.0	29.0	20.0	NA	14.4
Beryllium	NA	0.270 B	0.260 B	0.200 B	NA	0.120 B
Cadmium	NA	0.460 B	0.390 B	0.270 B	NA	0.230 B
Chromium	NA	7.40	8.10	6.00	NA	4.40
Cobalt	NA	5.80	6.30	5.00	NA	24.1
Copper	NA	13.0	15.8	12.3	NA	17.8
Cyanide	NA	0.0570 B	ND(0.0200)	0.260 B	NA	0.160 B
Lead	NA	11.0	11.1 N	4.90 N	NA	8.80
Mercury	NA	1.30	0.0280 B	ND(0.0180)	NA	0.0260 B
Nickel	NA	9.60	13.1	10.5	NA	8.20
Selenium	NA	ND(1.00)	0.830 N	0.640 N	NA	ND(0.460)
Silver	NA	ND(1.00)	ND(0.160)	ND(0.160)	NA	0.210 B
Sulfide	NA	40.0	54.5	44.9	NA	48.1
Thallium	NA	ND(1.20)	ND(0.470) N	ND(0.480) N	NA	ND(0.470)
Tin	NA	3.50 B	6.50	5.50	NA	4.50
Vanadium	NA	9.90	13.2	8.30	NA	7.10
Zinc	NA	41.0	59.8 E	34.9 E	NA	27.3

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-B17 6-15 09/03/03	RAA10-W-B17 9-11 09/03/03	RAA10-W-C15 0-1 09/02/03	RAA10-W-C15 6-15 09/02/03	RAA10-W-C15 12-14 09/02/03	RAA10-W-C16 0-1 09/03/03
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
2-Butanone	NA	ND(0.014)	ND(0.012)	NA	ND(0.011)	0.010 J
4-Methyl-2-pentanone	NA	ND(0.014)	ND(0.012)	NA	ND(0.011)	ND(0.013)
Acetone	NA	0.021	0.024	NA	0.0054 J	0.10
Acetonitrile	NA	ND(0.0050)	ND(0.0050)	NA	0.0053	0.0084
Benzene	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Bromomethane	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Carbon Disulfide	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	0.00049 J
Chlorobenzene	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Chloroform	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Chloromethane	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Ethylbenzene	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Methyl Methacrylate	NA	ND(0.054)	ND(0.048)	NA	ND(0.046)	ND(0.052)
Methylene Chloride	NA	0.0016 J	0.00058 JB	NA	ND(0.0050)	0.0026 J
Propionitrile	NA	ND(0.27)	0.0027 JB	NA	ND(0.23)	ND(0.26)
Toluene	NA	ND(0.0050)	0.00039 J	NA	ND(0.0050)	0.00093 J
trans-1,4-Dichloro-2-butene	NA	0.046 JB	0.035 JB	NA	0.039 JB	0.044 JB
Trichloroethene	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	NA	ND(0.0050)	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Xylenes (total)	NA	ND(0.016)	ND(0.014)	NA	ND(0.014)	ND(0.016)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
1,2,4-Trichlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
1,2-Dichlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
1,4-Dichlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,4,6-Trichlorophenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,4-Dichlorophenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,4-Dimethylphenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
2,6-Dichlorophenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
2-Chlorophenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
2-Methylnaphthalene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	0.042 J
2-Methylphenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
3&4-Methylphenol	ND(0.74)	NA	ND(0.71)	ND(0.74)	NA	ND(0.78)
4-Nitrophenol	ND(1.9)	NA	ND(1.8)	ND(1.9)	NA	ND(2.0)
Acenaphthene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	0.14 J
Acenaphthylene	ND(0.36)	NA	0.75	ND(0.36)	NA	ND(0.38)
Aniline	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Anthracene	ND(0.36)	NA	0.37	ND(0.36)	NA	0.17 J
Benzo(a)anthracene	ND(0.36)	NA	2.1	ND(0.36)	NA	0.48
Benzo(a)pyrene	ND(0.36)	NA	2.0	ND(0.36)	NA	0.37 J
Benzo(b)fluoranthene	ND(0.36)	NA	1.9	ND(0.36)	NA	0.33 J
Benzo(g,h,i)perylene	ND(0.36)	NA	0.74	ND(0.36)	NA	0.15 J
Benzo(k)fluoranthene	ND(0.36)	NA	1.7	ND(0.36)	NA	0.40
Benzyl Alcohol	ND(0.74)	NA	ND(0.71)	ND(0.74)	NA	ND(0.78)
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Butylbenzylphthalate	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Chrysene	ND(0.36)	NA	2.0	ND(0.36)	NA	0.50
Dibenzo(a,h)anthracene	ND(0.36)	NA	0.46	ND(0.36)	NA	0.096 J
Dibenzofuran	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	0.063 J
Diethylphthalate	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Dimethylphthalate	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Di-n-Octylphthalate	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Fluoranthene	ND(0.36)	NA	2.1	ND(0.36)	NA	0.98
Fluorene	ND(0.36)	NA	0.020 J	ND(0.36)	NA	0.12 J
Hexachlorobenzene	ND(0.36)	NA	ND(0.35)	ND(0.35)	NA	ND(0.38)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-B17 6-15 09/03/03	RAA10-W-B17 9-11 09/03/03	RAA10-W-C15 0-1 09/02/03	RAA10-W-C15 6-15 09/02/03	RAA10-W-C15 12-14 09/02/03	RAA10-W-C18 0-1 09/03/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.36)	NA	1.0	ND(0.36)	NA	0.18 J
Naphthalene	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	0.044 J
N-Nitroso-di-n-propylamine	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Pentachlorophenol	ND(1.9)	NA	ND(1.8)	ND(1.9)	NA	ND(2.0)
Phenanthrene	ND(0.36)	NA	0.13 J	ND(0.36)	NA	0.83
Phenol	ND(0.36)	NA	ND(0.35)	ND(0.36)	NA	ND(0.38)
Pyrene	ND(0.36)	NA	2.0	ND(0.36)	NA	0.90
Furans						
2,3,7,8-TCDF	0.00000013	NA	0.00000047	0.00000013	NA	0.0000030
TCDFs (total)	0.00000053	NA	0.0000097	0.00000019	NA	0.000024
1,2,3,7,8-PeCDF	ND(0.000000085) X	NA	0.00000029	ND(0.000000072) X	NA	0.0000010
2,3,4,7,8-PeCDF	0.00000023	NA	0.0000017	0.000000053	NA	0.0000031
PeCDFs (total)	0.0000010	NA	0.000014	0.000000053	NA	0.000032
1,2,3,4,7,8-HxCDF	0.00000023	NA	0.00000042	ND(0.00000026)	NA	0.0000024
1,2,3,6,7,8-HxCDF	0.00000012	NA	0.00000064	ND(0.000000080) X	NA	0.0000012
1,2,3,7,8,9-HxCDF	0.000000087	NA	0.00000021	ND(0.00000026)	NA	0.00000073
2,3,4,6,7,8-HxCDF	0.000000080	NA	0.0000019	ND(0.00000026)	NA	0.0000022
HxCDFs (total)	0.0000013	NA	0.000029	0.000000065	NA	0.000034
1,2,3,4,6,7,8-HpCDF	0.00000052	NA	0.0000019	ND(0.000000095) X	NA	0.0000075
1,2,3,4,7,8,9-HpCDF	ND(0.000000085) X	NA	0.00000024	ND(0.00000026)	NA	0.00000084
HpCDFs (total)	0.00000095	NA	0.0000054	0.000000074	NA	0.000020
OCDF	0.00000046	NA	0.00000073	ND(0.00000053)	NA	0.000013
Dioxins						
2,3,7,8-TCDD	ND(0.00000011) X	NA	ND(0.000000097) X	ND(0.00000014) X	NA	ND(0.00000034) X
TCDDs (total)	0.00000044	NA	ND(0.00000030)	ND(0.00000040)	NA	0.000011
1,2,3,7,8-PeCDD	ND(0.00000019) X	NA	ND(0.00000020) X	0.00000011	NA	0.00000082
PeCDDs (total)	0.0000025	NA	0.00000040	0.00000011	NA	0.000017
1,2,3,4,7,8-HxCDD	ND(0.000000098) X	NA	ND(0.00000010) X	ND(0.00000026)	NA	0.00000042
1,2,3,6,7,8-HxCDD	0.00000028	NA	0.00000024	ND(0.00000026)	NA	0.0000024
1,2,3,7,8,9-HxCDD	0.00000015	NA	0.00000023	ND(0.00000011) X	NA	0.0000013
HxCDDs (total)	0.00000063	NA	0.0000019	0.00000021	NA	0.000017
1,2,3,4,6,7,8-HpCDD	0.00000046	NA	0.0000012	0.00000051	NA	0.000024
HpCDDs (total)	0.00000069	NA	0.0000024	0.0000011	NA	0.000043
OCDD	0.0000013	NA	0.0000072	0.0000048	NA	0.00018
Total TEQs (WHO TEFs)	0.00000039	NA	0.0000015	0.00000030	NA	0.0000043
Inorganics						
Antimony	ND(0.410)	NA	ND(0.390) N	ND(0.430) N	NA	ND(0.460)
Arsenic	0.850 B	NA	2.00	2.50	NA	3.40
Barium	11.4	NA	17.9	41.4	NA	30.3
Beryllium	0.0600 B	NA	0.140 B	0.140 B	NA	0.230 B
Cadmium	0.0500 B	NA	0.220 B	0.250 B	NA	0.500 B
Chromium	2.90	NA	5.70	6.30	NA	11.4
Cobalt	2.10	NA	3.90	5.50	NA	6.50
Copper	4.50	NA	10.0	9.80	NA	18.4
Cyanide	0.190 B	NA	ND(0.0200)	ND(0.0200)	NA	0.150 B
Lead	2.60	NA	6.10 N	4.30 N	NA	13.7
Mercury	ND(0.0180)	NA	ND(0.0150)	ND(0.0170)	NA	0.0620
Nickel	4.00	NA	9.00	10.2	NA	14.1
Selenium	ND(0.440)	NA	0.440 BN	0.590 N	NA	0.770
Silver	ND(0.160)	NA	ND(0.150)	ND(0.160)	NA	ND(0.170)
Sulfide	51.3	NA	44.9	51.3	NA	48.1
Thallium	ND(0.400)	NA	ND(0.430) N	ND(0.479) N	NA	ND(0.510)
Tin	2.40	NA	4.70	5.10	NA	6.90
Vanadium	2.90	NA	7.40	6.60	NA	15.1
Zinc	13.5	NA	30.1 E	33.8 E	NA	55.3

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-D12 0-1 08/12/03	RAA10-W-D19 1-6 05/29/03	RAA10-W-D19 3-4 05/29/03	RAA10-W-D19 6-15 05/29/03
Volatile Organics				
1,1,1-Trichloroethane	ND(0.0044)	NA	ND(0.0050)	NA
1,2-Dichloroethane	ND(0.0044)	NA	ND(0.0050)	NA
2-Butanone	ND(0.011)	NA	0.012 J	NA
4-Methyl-2-pentanone	ND(0.011)	NA	ND(0.013)	NA
Acetone	0.0066 JB	NA	0.061	NA
Acetonitrile	ND(0.0044)	NA	ND(0.0050)	NA
Benzene	ND(0.0044)	NA	ND(0.0050)	NA
Bromomethane	ND(0.0044)	NA	ND(0.0050)	NA
Carbon Disulfide	ND(0.0044)	NA	0.0029 J	NA
Chlorobenzene	ND(0.0044)	NA	ND(0.0050)	NA
Chloroform	ND(0.0044)	NA	ND(0.0050)	NA
Chloromethane	ND(0.0044)	NA	ND(0.0050)	NA
Ethylbenzene	ND(0.0044)	NA	ND(0.0050)	NA
Methyl Methacrylate	ND(0.044)	NA	ND(0.051)	NA
Methylene Chloride	0.00064 JB	NA	0.00066 J	NA
Propionitrile	ND(0.22)	NA	ND(0.26)	NA
Toluene	ND(0.0044)	NA	0.00071 JB	NA
trans-1,4-Dichloro-2-butene	ND(0.088)	NA	ND(0.10)	NA
Trichloroethene	ND(0.0044)	NA	ND(0.0050)	NA
Trichlorofluoromethane	ND(0.0044)	NA	ND(0.0050)	NA
Xylenes (total)	ND(0.013)	NA	ND(0.015)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
1,2,4-Trichlorobenzene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
1,2-Dichlorobenzene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
1,4-Dichlorobenzene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2,4,6-Trichlorophenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2,4-Dichlorophenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2,4-Dimethylphenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2,6-Dichlorophenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2-Chlorophenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2-Methylnaphthalene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
2-Methylphenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
3&4-Methylphenol	ND(0.69)	ND(0.76)	NA	ND(0.71) [ND(0.71)]
4-Nitrophenol	ND(1.8)	ND(1.9)	NA	ND(1.8) [ND(1.8)]
Acenaphthene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Acenaphthylene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Aniline	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Anthracene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Benzo(a)anthracene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Benzo(a)pyrene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Benzo(b)fluoranthene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Benzo(g,h,i)perylene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Benzo(k)fluoranthene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Benzyl Alcohol	ND(0.69)	ND(0.76)	NA	ND(0.71) [ND(0.71)]
bis(2-Ethylhexyl)phthalate	0.041 JB	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Butylbenzylphthalate	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Chrysene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Dibenzo(a,h)anthracene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Dibenzofuran	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Diethylphthalate	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Dimethylphthalate	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Di-n-Octylphthalate	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Fluoranthene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Fluorene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Hexachlorobenzene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-D12 0-1 08/12/03	RAA10-W-D19 1-6 05/29/03	RAA10-W-D19 3-4 05/29/03	RAA10-W-D19 6-15 05/29/03
Semivolatile Organics (continued)				
Indeno(1,2,3-cd)pyrene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Naphthalene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
N-Nitroso-di-n-propylamine	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Pentachlorophenol	ND(1.8)	ND(1.9)	NA	ND(1.8) [ND(1.8)]
Phenanthrene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Phenol	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Pyrene	ND(0.34)	ND(0.38)	NA	ND(0.35) [ND(0.35)]
Furans				
2,3,7,8-TCDF	0.00000634 J	ND(0.0000015) X	NA	ND(0.00000068) X [ND(0.0000010) X]
TCDFs (total)	0.000010	ND(0.0000010)	NA	ND(0.00000090) [ND(0.00000090)]
1,2,3,7,8-PeCDF	ND(0.00000053)	ND(0.0000011) QX	NA	ND(0.0000022) [ND(0.0000023)]
2,3,4,7,8-PeCDF	0.0000032	ND(0.00000085) X	NA	ND(0.00000079) X [ND(0.0000023)]
PeCDFs (total)	0.000033	0.00000097	NA	ND(0.0000022) [ND(0.0000023)]
1,2,3,4,7,8-HxCDF	0.00000042 J	ND(0.0000025)	NA	ND(0.0000022) [ND(0.00000036) X]
1,2,3,6,7,8-HxCDF	0.00000061 J	ND(0.0000025)	NA	ND(0.00000081) X [0.00000042 J]
1,2,3,7,8,9-HxCDF	ND(0.00000023) X	ND(0.0000025)	NA	ND(0.0000022) [ND(0.0000023)]
2,3,4,6,7,8-HxCDF	0.0000019 J	ND(0.0000025)	NA	ND(0.0000022) [ND(0.0000023)]
HxCDFs (total)	0.000029	ND(0.0000025)	NA	ND(0.0000022) [0.00000042]
1,2,3,4,6,7,8-HpCDF	0.0000012 J	0.0000013 J	NA	0.0000012 J [ND(0.0000011) X]
1,2,3,4,7,8,9-HpCDF	0.00000021 J	ND(0.0000025)	NA	0.00000065 J [ND(0.0000023)]
HpCDFs (total)	0.0000038	0.0000013	NA	0.0000012 [ND(0.0000023)]
OCDF	0.00000056 J	0.0000018 J	NA	0.0000025 J [0.0000018 J]
Dioxins				
2,3,7,8-TCDD	ND(0.00000010)	ND(0.0000014)	NA	ND(0.0000014) [ND(0.0000013)]
TCDDs (total)	0.00000011	ND(0.0000038)	NA	ND(0.0000035) [ND(0.0000037)]
1,2,3,7,8-PeCDD	0.00000018 J	ND(0.0000025)	NA	ND(0.0000022) [ND(0.0000023)]
PeCDDs (total)	0.00000077	ND(0.0000025)	NA	ND(0.0000022) [ND(0.0000023)]
1,2,3,4,7,8-HxCDD	ND(0.00000014) X	ND(0.0000025)	NA	ND(0.0000022) [ND(0.0000023)]
1,2,3,6,7,8-HxCDD	ND(0.00000024) X	ND(0.0000025)	NA	0.00000084 J [ND(0.0000023)]
1,2,3,7,8,9-HxCDD	0.00000021 J	ND(0.0000025)	NA	ND(0.0000010) X [ND(0.0000023)]
HxCDDs (total)	0.00000054	ND(0.0000025)	NA	0.00000084 [ND(0.0000023)]
1,2,3,4,6,7,8-HpCDD	0.0000011 J	0.0000030 J	NA	ND(0.0000023) X [ND(0.0000019) X]
HpCDDs (total)	0.0000021	0.0000046	NA	ND(0.0000022) [0.0000010]
OCDD	0.0000059	0.000010 J	NA	0.0000080 J [0.0000078 J]
Total TEQs (WHO TEFs)	0.0000022	0.0000032	NA	0.0000028 [0.0000031]
Inorganics				
Antimony	0.620 BN	0.510 BN	NA	0.650 BN [0.370 BN]
Arsenic	3.40 N	4.40	NA	4.40 [4.10]
Barium	43.7 *	26.6 E	NA	21.7 E [36.1 E]
Beryllium	0.430 B	0.310 B	NA	0.210 B [0.290 B]
Cadmium	0.140 B	ND(0.0200)	NA	ND(0.0200) [0.0700 B]
Chromium	9.60	7.90	NA	6.20 [9.00]
Cobalt	13.1 N*E	7.00	NA	8.20 [7.20]
Copper	14.3 NE	16.6 *E	NA	11.6 *E [16.5 *E]
Cyanide	ND(0.0200)	0.0600 B	NA	0.0600 B [0.0500 B]
Lead	7.00 N	7.30 N	NA	4.80 N [5.90 N]
Mercury	0.0550	0.220 N*	NA	ND(0.0160) N* [ND(0.0160) N*]
Nickel	15.9 E	12.9	NA	11.3 [12.9]
Selenium	ND(0.440)	0.780 N	NA	0.700 N [1.10 N]
Silver	ND(0.150)	ND(0.100)	NA	ND(0.0900) [ND(0.0900)]
Sulfide	21.2	ND(28.0)	NA	ND(26.0) [ND(26.0)]
Thallium	ND(0.460) N*	ND(0.330) N	NA	ND(0.280) N [ND(0.290) N]
Tin	8.70	6.90 B	NA	5.60 B [7.20 B]
Vanadium	11.5 E	11.5	NA	7.10 [10.3]
Zinc	55.9 NE	37.9	NA	31.2 [47.8]

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-D19 8-10 05/29/03	RAA10-W-D20 0-1 09/30/03	RAA10-W-E8 0-1 05/30/03	RAA10-W-E8 1-6 05/30/03	RAA10-W-E8 4-6 05/30/03	RAA10-W-E9 0-1 05/30/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
1,2-Dichloroethane	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
2-Butanone	0.0064 J [0.0045 J]	ND(0.11)	0.0098 J	NA	0.0032 J	0.0063 J
4-Methyl-2-pentanone	ND(0.012) [ND(0.012)]	ND(0.011)	ND(0.012)	NA	ND(0.011)	ND(0.012)
Acetone	0.0099 J [0.0061 J]	ND(0.11)	0.13	NA	0.017	0.064
Acetonitrile	ND(0.0050) [ND(0.0050)]	ND(0.11)	0.0069	NA	0.016	0.014
Benzene	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Bromomethane	ND(0.0050) [ND(0.0050)]	ND(0.011)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	ND(0.011)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Chloroform	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Chloromethane	ND(0.0050) [ND(0.0050)]	ND(0.011)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Ethylbenzene	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Methyl Methacrylate	ND(0.048) [ND(0.049)]	ND(0.011)	ND(0.047)	NA	ND(0.045)	ND(0.049)
Methylene Chloride	0.0011 J [0.0011 J]	ND(0.0057)	0.0015 J	NA	0.0016 J	0.0018 J
Propionitrile	ND(0.24) [ND(0.24)]	ND(0.057)	ND(0.23)	NA	ND(0.22)	ND(0.24)
Toluene	0.00093 JB [0.0013 JB]	ND(0.0057)	0.00038 JB	NA	ND(0.0040)	0.00051 JB
trans-1,4-Dichloro-2-butene	ND(0.097) [ND(0.098)]	ND(0.011)	ND(0.093)	NA	ND(0.090)	ND(0.097)
Trichloroethene	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050) [ND(0.0050)]	ND(0.0057)	ND(0.0050)	NA	ND(0.0040)	ND(0.0050)
Xylenes (total)	ND(0.015) [ND(0.015)]	ND(0.0057)	ND(0.014)	NA	ND(0.013)	ND(0.015)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
1,2,4-Trichlorobenzene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
1,2-Dichlorobenzene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
1,4-Dichlorobenzene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2,4,6-Trichlorophenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2,4-Dichlorophenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2,4-Dimethylphenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2,6-Dichlorophenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2-Chlorophenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2-Methylnaphthalene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
2-Methylphenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
3&4-Methylphenol	NA	ND(0.77)	ND(0.79)	ND(0.75)	NA	ND(0.72)
4-Nitrophenol	NA	ND(1.9)	ND(2.0)	ND(1.9)	NA	ND(1.8)
Acenaphthene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Acenaphthylene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Aniline	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Anthracene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	0.045 J
Benzo(a)anthracene	NA	0.16 J	ND(0.39)	ND(0.37)	NA	0.031 J
Benzo(a)pyrene	NA	0.14 J	ND(0.39)	ND(0.37)	NA	0.028 J
Benzo(b)fluoranthene	NA	0.18 J	ND(0.39)	ND(0.37)	NA	ND(0.35)
Benzo(g,h,i)perylene	NA	0.10 J	ND(0.39)	ND(0.37)	NA	0.022 J
Benzo(k)fluoranthene	NA	0.16 J	ND(0.39)	ND(0.37)	NA	0.026 J
Benzyl Alcohol	NA	ND(0.77)	ND(0.79)	ND(0.75)	NA	ND(0.72)
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	0.035 J
Butylbenzylphthalate	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Chrysene	NA	0.21 J	ND(0.39)	ND(0.37)	NA	0.040 J
Dibenzo(a,h)anthracene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Dibenzofuran	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Diethylphthalate	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Dimethylphthalate	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Di-n-Octylphthalate	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Fluoranthene	NA	0.30 J	0.027 J	ND(0.37)	NA	0.076 J
Fluorene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Hexachlorobenzene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-W-D19	RAA10-W-D20	RAA10-W-E8	RAA10-W-E8	RAA10-W-E8	RAA10-W-E9
Sample Depth(Feet):	8-10	0-1	0-1	1-6	1-6	0-1
Parameter Date Collected:	05/29/03	09/30/03	05/30/03	05/30/03	05/30/03	05/30/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	0.099 J	ND(0.39)	ND(0.37)	NA	ND(0.35)
Naphthalene	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
N-Nitroso-di-n-propylamine	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Pentachlorophenol	NA	ND(1.9)	ND(2.0)	ND(1.9)	NA	ND(1.8)
Phenanthrene	NA	0.23 J	0.016 J	ND(0.37)	NA	0.046 J
Phenol	NA	ND(0.38)	ND(0.39)	ND(0.37)	NA	ND(0.35)
Pyrene	NA	0.39	ND(0.39)	ND(0.37)	NA	0.060 J
Furans						
2,3,7,8-TCDF	NA	ND(0.00000081)	0.00000087 J	ND(0.00000054)	NA	0.00000056 J
TCDFs (total)	NA	0.00020 I	0.0000018	ND(0.00000053)	NA	0.0000050
1,2,3,7,8-PeCDF	NA	0.0000025	0.0000011 J	ND(0.00000055)	NA	0.00000097 JQ
2,3,4,7,8-PeCDF	NA	ND(0.00000070)	ND(0.00000056) X	ND(0.00000055)	NA	0.00000086 J
PeCDFs (total)	NA	0.00037 I	0.0000075	ND(0.00000055)	NA	0.000019
1,2,3,4,7,8-HxCDF	NA	ND(0.00000026)	ND(0.00000012) X	ND(0.00000055)	NA	0.0000016 J
1,2,3,6,7,8-HxCDF	NA	0.0000041 I	ND(0.00000054)	ND(0.00000055)	NA	0.00000055 J
1,2,3,7,8,9-HxCDF	NA	ND(0.00000029)	ND(0.00000058)	ND(0.00000055)	NA	0.00000015 J
2,3,4,6,7,8-HxCDF	NA	0.0000012	ND(0.00000061) X	ND(0.00000055)	NA	0.0000014 J
HxCDFs (total)	NA	0.00017 I	0.0000023	ND(0.00000055)	NA	0.000023
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000024)	ND(0.0000013) X	ND(0.00000059)	NA	0.0000020 J
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000033)	ND(0.00000069)	ND(0.00000072)	NA	0.00000024 J
HpCDFs (total)	NA	0.000015	ND(0.00000062)	ND(0.00000065)	NA	0.0000049
OCDF	NA	0.000013	0.0000012 J	ND(0.0000013)	NA	0.00000089 J
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000068)	ND(0.00000046)	ND(0.00000049)	NA	ND(0.00000021)
TCDDs (total)	NA	ND(0.00000068)	ND(0.00000046)	ND(0.00000049)	NA	ND(0.00000078)
1,2,3,7,8-PeCDD	NA	ND(0.0000011)	ND(0.00000054)	ND(0.00000055)	NA	ND(0.00000056) X
PeCDDs (total)	NA	ND(0.0000011)	ND(0.00000054)	ND(0.00000055)	NA	ND(0.00000052)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000033)	ND(0.00000054)	ND(0.00000055)	NA	ND(0.00000052)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000034)	ND(0.00000054)	ND(0.00000055)	NA	0.00000018 J
1,2,3,7,8,9-HxCDD	NA	ND(0.00000033)	ND(0.00000054)	ND(0.00000055)	NA	ND(0.00000015) X
HxCDDs (total)	NA	0.0000036	ND(0.00000054)	ND(0.00000071)	NA	0.0000012
1,2,3,4,6,7,8-HpCDD	NA	0.000025	0.0000023 J	ND(0.00000057)	NA	0.0000014 J
HpCDDs (total)	NA	0.000046	0.0000045	ND(0.00000057)	NA	0.0000026
OCDD	NA	0.00019	0.000016	ND(0.0000028) X	NA	0.000010 J
Total TEQs (WHO TEFs)	NA	0.0000058	0.0000010	0.00000090	NA	0.0000014
Inorganics						
Antimony	NA	1.10 B	0.490 BN	ND(0.270) N	NA	0.280 BN
Arsenic	NA	5.50	4.30 N*	2.70 N*	NA	2.00 N*
Barium	NA	59.0	35.8	22.4	NA	15.9 B
Beryllium	NA	0.270 B	0.370 B	0.240 B	NA	0.160 B
Cadmium	NA	0.440 B	ND(0.0200)	ND(0.0200)	NA	ND(0.0200)
Chromium	NA	7.80	12.8 *	7.90 *	NA	5.30 *
Cobalt	NA	27.0	7.70 E	5.60 E	NA	5.00 BE
Copper	NA	15.0	19.1 *	12.1 *	NA	9.40 *
Cyanide	NA	0.110 B	0.0700 B	0.0400 B	NA	ND(0.0200)
Lead	NA	19.0	8.70 N*	5.50 N*	NA	3.90 N*
Mercury	NA	1.80	0.0330 B	0.0330 B	NA	0.0190 B
Nickel	NA	11.0	17.2 E	11.3 E	NA	9.60 E
Selenium	NA	ND(1.00)	0.700	0.450 B	NA	0.390 B
Silver	NA	0.400 B	ND(0.100)	ND(0.100)	NA	ND(0.100)
Sulfide	NA	ND(5.70)	ND(28.0)	ND(29.0)	NA	ND(24.0)
Thallium	NA	ND(1.10)	ND(0.320) N	ND(0.310) N	NA	ND(0.310) N
Tin	NA	2.60 B	7.90 B	5.10 B	NA	4.30 B
Vanadium	NA	9.20	13.2 E	8.30 E	NA	6.10 E
Zinc	NA	33.0	62.6	37.6	NA	32.2

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID:	RAA10-W-E9	RAA10-W-E9	RAA10-W-E10	RAA10-W-E13	RAA10-W-E13	RAA10-W-F13
Sample Depth(Feet):	6-8	6-10	0-1	1-6	4-6	0-1
Parameter Date Collected:	05/30/03	05/30/03	08/12/03	08/19/03	08/19/03	05/28/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
1,2-Dichloroethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
2-Butanone	ND(0.012)	NA	ND(0.012)	NA	ND(0.012)	ND(0.014)
4-Methyl-2-pentanone	ND(0.012)	NA	ND(0.012)	NA	ND(0.012)	0.00083 J
Acetone	ND(0.012)	NA	0.0026 JB	NA	0.084	0.0054 JB
Acetonitrile	0.0093	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Benzene	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Bromomethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Carbon Disulfide	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Chlorobenzene	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Chloroform	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Chloromethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Ethylbenzene	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Methyl Methacrylate	ND(0.049)	NA	ND(0.050)	NA	ND(0.048)	ND(0.056)
Methylene Chloride	0.0011 JB	NA	0.0010 JB	NA	ND(0.0050)	0.00088 JB
Propionitrile	ND(0.25)	NA	ND(0.25)	NA	ND(0.24)	ND(0.28)
Toluene	ND(0.0050)	NA	0.00046 JB	NA	ND(0.0050)	0.00092 JB
trans-1,4-Dichloro-2-butene	0.00051 J	NA	ND(0.099)	NA	0.0040 J	0.025 JB
Trichloroethene	ND(0.0050)	NA	0.00076 J	NA	ND(0.0050)	ND(0.0060)
Trichlorofluoromethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0060)
Xylenes (total)	ND(0.015)	NA	ND(0.015)	NA	ND(0.014)	ND(0.017)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
1,2,4-Trichlorobenzene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
1,2-Dichlorobenzene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
1,4-Dichlorobenzene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2,4,6-Trichlorophenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2,4-Dichlorophenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2,4-Dimethylphenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2,6-Dichlorophenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2-Chlorophenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2-Methylnaphthalene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
2-Methylphenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
3&4-Methylphenol	NA	ND(0.76)	ND(0.76)	ND(0.75)	NA	ND(0.77)
4-Nitrophenol	NA	ND(1.9)	ND(1.9)	ND(1.9)	NA	ND(2.0)
Acenaphthene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Acenaphthylene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Aniline	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Anthracene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Benzo(a)anthracene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Benzo(a)pyrene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Benzo(b)fluoranthene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Benzo(g,h,i)perylene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Benzo(k)fluoranthene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Benzyl Alcohol	NA	ND(0.76)	ND(0.76)	ND(0.75)	NA	ND(0.77)
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.38)	0.13 J	NA	0.061 J
Butylbenzylphthalate	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Chrysene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Dibenzo(a,h)anthracene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Dibenzofuran	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Diethylphthalate	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Dimethylphthalate	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Di-n-Octylphthalate	NA	ND(0.38)	ND(0.38)	0.60	NA	0.055 J
Fluoranthene	NA	ND(0.38)	ND(0.38)	0.023 J	NA	ND(0.38)
Fluorene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Hexachlorobenzene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-E9 6-8 05/30/03	RAA10-W-E9 6-10 05/30/03	RAA10-W-E10 0-1 08/12/03	RAA10-W-E13 1-6 08/19/03	RAA10-W-E13 4-6 08/19/03	RAA10-W-F13 0-1 05/28/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Naphthalene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
N-Nitroso-di-n-propylamine	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Pentachlorophenol	NA	ND(1.9)	ND(1.9)	ND(1.9)	NA	ND(2.0)
Phenanthrene	NA	ND(0.38)	ND(0.38)	0.018 J	NA	ND(0.38)
Phenol	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Pyrene	NA	ND(0.38)	ND(0.38)	ND(0.37)	NA	ND(0.38)
Furans						
2,3,7,8-TCDF	NA	ND(0.00000038)	ND(0.00000027)	0.00000032 J	NA	ND(0.00000018) X
TCDFs (total)	NA	ND(0.00000038)	ND(0.0000010)	0.0000030	NA	0.0000013
1,2,3,7,8-PeCDF	NA	ND(0.00000053)	ND(0.00000035)	0.00000019 J	NA	0.000000091 J
2,3,4,7,8-PeCDF	NA	ND(0.00000053)	ND(0.00000035)	0.00000041 J	NA	ND(0.00000033) X
PeCDFs (total)	NA	ND(0.00000053)	0.00000049	0.0000038	NA	0.0000038
1,2,3,4,7,8-HxCDF	NA	ND(0.00000053)	ND(0.00000030)	0.00000016 J	NA	ND(0.00000011) X
1,2,3,6,7,8-HxCDF	NA	ND(0.00000053)	ND(0.00000027)	0.00000017 J	NA	ND(0.00000013) X
1,2,3,7,8,9-HxCDF	NA	ND(0.00000053)	ND(0.00000035)	ND(0.00000027)	NA	ND(0.00000028)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000053)	ND(0.00000030)	0.00000025 J	NA	ND(0.00000026) X
HxCDFs (total)	NA	ND(0.00000053)	0.00000092	0.0000032	NA	0.0000013
1,2,3,4,6,7,8-HpCDF	NA	ND(0.00000053)	ND(0.00000027)	0.00000034 J	NA	0.00000024 J
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000053)	ND(0.00000032)	ND(0.000000044) X	NA	ND(0.00000028)
HpCDFs (total)	NA	ND(0.00000053)	ND(0.00000028)	0.00000066	NA	0.00000024
OCDF	NA	ND(0.0000011)	ND(0.00000055)	0.00000023 J	NA	ND(0.00000057)
Dioxins						
2,3,7,8-TCDD	NA	ND(0.00000070)	ND(0.00000015)	ND(0.00000011)	NA	ND(0.00000013)
TCDDs (total)	NA	ND(0.00000069)	ND(0.00000026)	0.000000068	NA	0.00000035
1,2,3,7,8-PeCDD	NA	ND(0.00000053)	ND(0.00000053)	ND(0.00000027)	NA	ND(0.00000028)
PeCDDs (total)	NA	ND(0.0000010)	ND(0.00000053)	0.000000089	NA	ND(0.00000045)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000053)	ND(0.00000041)	ND(0.00000027)	NA	ND(0.00000028)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000053)	ND(0.00000037)	0.000000074 J	NA	ND(0.00000028)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000053)	ND(0.00000041)	ND(0.000000068) X	NA	ND(0.00000028)
HxCDDs (total)	NA	ND(0.00000053)	ND(0.00000039)	0.00000034	NA	ND(0.00000047)
1,2,3,4,6,7,8-HpCDD	NA	0.00000055 J	0.00000034 J	0.00000044 J	NA	ND(0.00000037) X
HpCDDs (total)	NA	0.00000055	0.00000056	0.00000080	NA	0.00000032
OCDD	NA	0.0000030 J	0.0000030 J	0.0000028 J	NA	0.0000020 J
Total TEQs (WHO TEFs)	NA	0.00000097	0.00000057	0.00000054	NA	0.00000039
Inorganics						
Antimony	NA	0.360 BN	0.510 BN	ND(0.300) N	NA	0.600 BN
Arsenic	NA	3.00 N*	2.40 N	3.40	NA	3.00
Barium	NA	26.8	26.5 *	21.9 E	NA	18.0 BE
Beryllium	NA	0.230 B	0.290 B	0.230 B	NA	0.160 B
Cadmium	NA	0.0300 B	ND(0.0400)	0.0600 B	NA	0.0400 B
Chromium	NA	7.50 *	7.30	7.70	NA	6.60
Cobalt	NA	6.10 E	6.10 N*E	6.30 *	NA	6.20
Copper	NA	12.8 *	9.90 NE	12.2	NA	10.6 *E
Cyanide	NA	ND(0.0200)	0.0600 B	0.0600 B	NA	0.0600 B
Lead	NA	5.30 N*	5.00 N	9.70	NA	5.20 N
Mercury	NA	ND(0.0180)	0.0350	0.290	NA	ND(0.0170) N*
Nickel	NA	12.5 E	11.5 E	12.7 E	NA	10.5
Selenium	NA	ND(0.250)	ND(0.450)	ND(0.340)	NA	ND(0.250) N
Silver	NA	ND(0.100)	ND(0.160)	ND(0.140)	NA	ND(0.100)
Sulfide	NA	ND(27.0)	25.0	25.6	NA	ND(28.0)
Thallium	NA	ND(0.320) N	ND(0.470) N*	ND(0.380)	NA	ND(0.320) N
Tin	NA	5.40 B	6.20	1.30 B	NA	5.20 B
Vanadium	NA	8.10 E	7.30 E	8.90	NA	8.00
Zinc	NA	39.6	41.1 NE	40.8	NA	35.8

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-F13 6-15 05/28/03	RAA10-W-F13 10-12 05/28/03	RAA10-W-F20 0-1 05/29/03	RAA10-W-G21 0-1 09/24/03	RAA10-W-G21 1-6 09/24/03	RAA10-W-G21 4-6 09/24/03
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
1,2-Dichloroethane	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
2-Butanone	NA	ND(0.010)	0.012 J	ND(0.11)	NA	ND(0.11)
4-Methyl-2-pentanone	NA	0.00048 J	ND(0.013)	ND(0.011)	NA	ND(0.011)
Acetone	NA	ND(0.010)	0.030	ND(0.11)	NA	ND(0.11)
Acetonitrile	NA	ND(0.0040)	ND(0.0050)	ND(0.11)	NA	ND(0.11)
Benzene	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
Bromomethane	NA	ND(0.0040)	ND(0.0050)	ND(0.011)	NA	ND(0.011)
Carbon Disulfide	NA	ND(0.0040)	ND(0.0050)	ND(0.011)	NA	ND(0.011)
Chlorobenzene	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
Chloroform	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
Chloromethane	NA	ND(0.0040)	ND(0.0050)	ND(0.011)	NA	ND(0.011)
Ethylbenzene	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
Methyl Methacrylate	NA	ND(0.041)	ND(0.051)	ND(0.011)	NA	ND(0.011)
Methylene Chloride	NA	0.00092 JB	0.0011 J	ND(0.0057)	NA	ND(0.0055)
Propionitrile	NA	0.0065 J	ND(0.26)	ND(0.057)	NA	ND(0.055)
Toluene	NA	0.00089 JB	0.00074 JB	ND(0.0057)	NA	ND(0.0055)
trans-1,4-Dichloro-2-butene	NA	0.018 JB	ND(0.10)	ND(0.011)	NA	ND(0.011)
Trichloroethene	NA	ND(0.0040)	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
Trichlorofluoromethane	NA	0.0011 J	ND(0.0050)	ND(0.0057)	NA	ND(0.0055)
Xylenes (total)	NA	ND(0.012)	ND(0.015)	ND(0.0057)	NA	ND(0.0055)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
1,2-Dichlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
1,4-Dichlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2,4,6-Trichlorophenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2,4-Dichlorophenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2,4-Dimethylphenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2,6-Dichlorophenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2-Chlorophenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2-Methylnaphthalene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
2-Methylphenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
3&4-Methylphenol	ND(0.75)	NA	ND(0.74)	ND(0.77)	ND(0.74)	NA
4-Nitrophenol	ND(1.9)	NA	ND(1.9)	ND(1.9)	ND(1.9)	NA
Acenaphthene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Acenaphthylene	ND(0.37)	NA	ND(0.37)	ND(0.38)	0.11 J	NA
Aniline	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Anthracene	ND(0.37)	NA	ND(0.37)	ND(0.38)	0.080 J	NA
Benzo(a)anthracene	ND(0.37)	NA	0.024 J	0.28 J	0.32 J	NA
Benzo(a)pyrene	ND(0.37)	NA	0.021 J	0.24 J	0.44	NA
Benzo(b)fluoranthene	ND(0.37)	NA	ND(0.37)	0.24 J	0.42	NA
Benzo(g,h,i)perylene	ND(0.37)	NA	ND(0.37)	0.15 J	0.36 J	NA
Benzo(k)fluoranthene	ND(0.37)	NA	0.023 J	0.24 J	0.40	NA
Benzyl Alcohol	ND(0.75)	NA	ND(0.74)	ND(0.77)	ND(0.74)	NA
bis(2-Ethylhexyl)phthalate	0.042 J	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Butylbenzylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Chrysene	ND(0.37)	NA	0.029 J	0.29 J	0.38	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.37)	ND(0.38)	0.11 J	NA
Dibenzofuran	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Diethylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Dimethylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Di-n-Octylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Fluoranthene	ND(0.37)	NA	0.051 J	0.48	0.47	NA
Fluorene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Hexachlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-F13 6-15 05/28/03	RAA10-W-F13 10-12 05/28/03	RAA10-W-F20 0-1 05/29/03	RAA10-W-G21 0-1 09/24/03	RAA10-W-G21 1-6 09/24/03	RAA10-W-G21 4-6 09/24/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	ND(0.37)	0.16 J	0.42	NA
Naphthalene	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Pentachlorophenol	ND(1.9)	NA	ND(1.9)	ND(1.9)	ND(1.9)	NA
Phenanthrene	ND(0.37)	NA	0.028 J	0.30 J	0.34 J	NA
Phenol	ND(0.37)	NA	ND(0.37)	ND(0.38)	ND(0.37)	NA
Pyrene	ND(0.37)	NA	0.047 J	0.55	0.73	NA
Furans						
2,3,7,8-TCDF	ND(0.00000014) X	NA	ND(0.0000027)	0.0000032 Y	0.00000055 J	NA
TCDFs (total)	0.000000091	NA	ND(0.0000027)	0.000022 Q	0.0000038 Q	NA
1,2,3,7,8-PeCDF	ND(0.00000026)	NA	ND(0.0000027) X	0.0000010 JQ	0.00000024 JQ	NA
2,3,4,7,8-PeCDF	ND(0.00000026)	NA	ND(0.0000026)	0.0000015 JQ	0.00000022 JQ	NA
PeCDFs (total)	ND(0.00000026)	NA	0.000036	0.000011 Q	0.0000018 Q	NA
1,2,3,4,7,8-HxCDF	ND(0.00000026)	NA	ND(0.0000029)	0.0000014 J	ND(0.00000029) X	NA
1,2,3,6,7,8-HxCDF	ND(0.00000026)	NA	ND(0.0000026)	0.0000011 J	0.00000021 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000026)	NA	ND(0.0000033)	0.00000024 J	0.000000092 J	NA
2,3,4,6,7,8-HxCDF	ND(0.00000026)	NA	ND(0.0000033) X	0.0000019 J	0.00000019 J	NA
HxCDFs (total)	ND(0.00000026)	NA	0.000026	0.000029	0.0000017	NA
1,2,3,4,6,7,8-HpCDF	0.000000081 J	NA	0.0000055 J	0.0000049	0.00000062 J	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000026)	NA	ND(0.0000032)	0.00000056 J	ND(0.00000027)	NA
HpCDFs (total)	0.000000081	NA	0.0000055	0.000012	0.00000096	NA
OCDF	ND(0.00000052)	NA	ND(0.0000058) X	0.0000074	0.00000087 J	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000011)	NA	ND(0.0000021)	ND(0.00000040)	ND(0.00000020)	NA
TCDDs (total)	0.000000095	NA	ND(0.0000021)	ND(0.00000050)	ND(0.00000038)	NA
1,2,3,7,8-PeCDD	ND(0.00000026)	NA	ND(0.0000026)	ND(0.00000036) X	ND(0.00000012) X	NA
PeCDDs (total)	0.00000018	NA	ND(0.0000026)	0.0000016 Q	0.00000081 Q	NA
1,2,3,4,7,8-HxCDD	ND(0.00000026)	NA	ND(0.0000026)	0.00000019 J	ND(0.00000027)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000026)	NA	ND(0.0000026)	0.00000070 J	0.00000016 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000026)	NA	ND(0.0000026)	0.00000056 J	ND(0.00000027)	NA
HxCDDs (total)	0.00000011	NA	ND(0.0000035)	0.0000073	0.00000034	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000019) X	NA	0.0000086 J	0.000014	0.0000010 J	NA
HpCDDs (total)	0.00000017	NA	0.000015	0.000025	0.0000019	NA
OCDD	0.0000015 J	NA	0.000060	0.00013	0.0000071	NA
Total TEQs (WHO TEFs)	0.00000035	NA	0.0000043	0.0000023	0.00000046	NA
Inorganics						
Antimony	0.440 BN	NA	0.720 BN	ND(6.00)	ND(6.00)	NA
Arsenic	2.60	NA	4.60	4.20	3.50	NA
Barium	19.4 BE	NA	57.8 E	27.0	24.0	NA
Beryllium	0.160 B	NA	0.210 B	0.250 B	0.210 B	NA
Cadmium	0.0500 B	NA	0.0700 B	0.220 B	0.130 B	NA
Chromium	7.10	NA	7.70	7.00	5.50	NA
Cobalt	5.40	NA	8.60	5.30	5.90	NA
Copper	11.5 *E	NA	16.9 *E	11.0	8.80	NA
Cyanide	0.0400 B	NA	0.0800 B	0.0640 B	0.0610 B	NA
Lead	8.80 N	NA	10.7 N	15.0	230	NA
Mercury	ND(0.0180) N*	NA	0.0290 BN*	0.120	0.120	NA
Nickel	11.1	NA	13.7	9.70	8.70	NA
Selenium	0.480 BN	NA	1.10 N	0.900 B	0.960 B	NA
Silver	ND(0.0900)	NA	ND(0.100)	ND(1.00)	ND(1.00)	NA
Sulfide	ND(27.0)	NA	ND(27.0)	ND(5.70)	ND(5.60)	NA
Thallium	ND(0.300) N	NA	ND(0.310) N	ND(1.10)	ND(1.10)	NA
Tin	4.90 B	NA	6.20 B	4.30 B	4.00 B	NA
Vanadium	7.90	NA	10.3	8.50	7.10	NA
Zinc	34.5	NA	49.5	31.0	26.0	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-H15 0-1 05/28/03	RAA10-W-H15 1-6 05/28/03	RAA10-W-H15 4-6 05/28/03	RAA10-W-H15 6-15 05/28/03	RAA10-W-H15 12-14 05/28/03	RAA10-W-I10 0-1 08/19/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
1,2-Dichloroethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	0.0019 J
2-Butanone	0.0099 J	NA	0.0066 J	NA	0.0040 J	0.0032 J
4-Methyl-2-pentanone	0.00067 J	NA	0.00062 J	NA	ND(0.012)	0.00055 J
Acetone	0.035 B	NA	0.017 B	NA	0.0025 JB	0.017
Acetonitrile	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Benzene	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Bromomethane	0.0010 JB	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Carbon Disulfide	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Chlorobenzene	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Chloroform	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Chloromethane	0.0010 J	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Ethylbenzene	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	0.0014 J
Methyl Methacrylate	ND(0.047)	NA	ND(0.046)	NA	ND(0.049)	ND(0.051)
Methylene Chloride	0.0010 JB	NA	0.00097 JB	NA	0.00096 JB	0.00080 JB
Propionitrile	ND(0.24)	NA	ND(0.23)	NA	ND(0.25)	ND(0.25)
Toluene	0.00097 JB	NA	0.00083 JB	NA	0.00069 JB	0.0015 J
trans-1,4-Dichloro-2-butene	0.021 JB	NA	0.020 JB	NA	0.022 JB	0.037 JB
Trichloroethene	ND(0.0050)	NA	ND(0.0050)	NA	0.00068 J	ND(0.0051)
Trichlorofluoromethane	ND(0.0050)	NA	ND(0.0050)	NA	ND(0.0050)	ND(0.0051)
Xylenes (total)	ND(0.014)	NA	ND(0.014)	NA	ND(0.015)	0.0016 J
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
1,2-Dichlorobenzene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
1,4-Dichlorobenzene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
2,4,6-Trichlorophenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
2,4-Dichlorophenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
2,4-Dimethylphenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
2,6-Dichlorophenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
2-Chlorophenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
2-Mothylnaphthalene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	4.4 J
2-Methylphenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
3&4-Methylphenol	ND(0.71)	ND(0.74)	NA	ND(0.74)	NA	ND(23)
4-Nitrophenol	ND(1.8)	ND(1.9)	NA	ND(1.9)	NA	ND(57)
Acenaphthene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	25
Acenaphthylene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Aniline	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Anthracene	0.022 J	ND(0.36)	NA	ND(0.37)	NA	34
Benzo(a)anthracene	0.27 J	ND(0.36)	NA	ND(0.37)	NA	60
Benzo(a)pyrene	0.19 J	ND(0.36)	NA	ND(0.37)	NA	46
Benzo(b)fluoranthene	0.20 J	ND(0.36)	NA	ND(0.37)	NA	48
Benzo(g,h,i)perylene	0.12 J	ND(0.36)	NA	ND(0.37)	NA	16
Benzo(k)fluoranthene	0.19 J	ND(0.36)	NA	ND(0.37)	NA	44
Benzyl Alcohol	ND(0.71)	ND(0.74)	NA	ND(0.74)	NA	ND(23)
bis(2-Ethylhexyl)phthalate	ND(0.35)	0.067 J	NA	ND(0.37)	NA	ND(11)
Butylbenzylphthalate	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Chrysene	0.26 J	ND(0.36)	NA	ND(0.37)	NA	64
Dibenzo(a,h)anthracene	0.065 J	ND(0.36)	NA	ND(0.37)	NA	8.9 J
Dibenzofuran	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	13
Diethylphthalate	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Dimethylphthalate	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Di-n-Octylphthalate	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Fluoranthene	0.47	ND(0.36)	NA	ND(0.37)	NA	150
Fluorene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	25
Hexachlorobenzene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-H15 0-1 05/28/03	RAA10-W-H15 1-6 05/28/03	RAA10-W-H15 4-6 05/28/03	RAA10-W-H15 6-15 05/28/03	RAA10-W-H15 12-14 05/28/03	RAA10-W-I10 0-1 08/19/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	0.12 J	ND(0.36)	NA	ND(0.37)	NA	20
Naphthalene	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	6.4 J
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Pentachlorophenol	ND(1.8)	ND(1.9)	NA	ND(1.9)	NA	ND(57)
Phenanthrene	0.079 J	ND(0.36)	NA	ND(0.37)	NA	170
Phenol	ND(0.35)	ND(0.36)	NA	ND(0.37)	NA	ND(11)
Pyrene	0.46	ND(0.36)	NA	ND(0.37)	NA	150
Furans						
2,3,7,8-TCDF	0.00000063 J	0.00000018 J	NA	0.00000013 J	NA	0.0000030 J
TCDFs (total)	0.0000097	0.0000045	NA	0.00000021	NA	0.000023
1,2,3,7,8-PeCDF	ND(0.00000026) X	ND(0.00000012) X	NA	ND(0.00000027)	NA	0.0000037 J
2,3,4,7,8-PeCDF	0.0000025 J	ND(0.0000016) X	NA	ND(0.00000010) X	NA	0.0000070 J
PeCDFs (total)	0.000031	0.000017	NA	0.00000067	NA	0.000026
1,2,3,4,7,8-HxCDF	ND(0.00000043) X	ND(0.00000028)	NA	ND(0.00000027)	NA	0.0000038 J
1,2,3,6,7,8-HxCDF	0.00000051 J	0.00000027 J	NA	ND(0.00000027)	NA	0.0000046 J
1,2,3,7,8,9-HxCDF	ND(0.00000060)	ND(0.00000034)	NA	ND(0.00000027)	NA	0.0000019 JQ
2,3,4,6,7,8-HxCDF	0.0000019 J	0.00000086 J	NA	ND(0.00000027)	NA	0.0000063 J
HxCDFs (total)	0.000031	0.000013	NA	0.00000041	NA	0.000063
1,2,3,4,6,7,8-HpCDF	0.0000016 J	0.00000060 J	NA	0.00000011 J	NA	0.0000057 J
1,2,3,4,7,8,9-HpCDF	0.00000016 J	ND(0.000000058) X	NA	ND(0.00000027)	NA	0.0000023 J
HpCDFs (total)	0.0000049	0.0000019	NA	0.00000011	NA	0.000013
OCDF	0.0000014 J	0.00000042 J	NA	ND(0.00000054)	NA	0.0000072 J
Dioxins						
2,3,7,8-TCDD	ND(0.00000011)	ND(0.00000011)	NA	ND(0.00000011)	NA	ND(0.0000012)
TCDDs (total)	ND(0.00000023)	ND(0.00000027)	NA	ND(0.00000029)	NA	ND(0.0000022)
1,2,3,7,8-PeCDD	ND(0.00000025)	ND(0.00000044) X	NA	ND(0.00000027)	NA	0.0000028 J
PeCDDs (total)	ND(0.00000025)	ND(0.00000027)	NA	ND(0.00000027)	NA	0.0000028
1,2,3,4,7,8-HxCDD	ND(0.00000016) X	ND(0.00000027)	NA	ND(0.00000027)	NA	0.0000028 J
1,2,3,6,7,8-HxCDD	ND(0.00000014) X	ND(0.00000015) X	NA	ND(0.00000027)	NA	0.0000032 J
1,2,3,7,8,9-HxCDD	ND(0.00000025)	ND(0.00000027)	NA	ND(0.00000027)	NA	ND(0.0000039) X
HxCDDs (total)	0.0000014	ND(0.00000049)	NA	0.00000017	NA	0.0000060
1,2,3,4,6,7,8-HpCDD	0.0000014 J	0.00000057 J	NA	0.00000025 J	NA	0.0000065 J
HpCDDs (total)	0.0000014	0.0000011	NA	0.00000041	NA	0.0000092
OCDD	0.000011	0.0000033 J	NA	ND(0.0000014) X	NA	0.000022 J
Total TEQs (WHO TEFs)	0.0000018	0.00000087	NA	0.00000033	NA	0.000010
Inorganics						
Antimony	0.300 BN	0.500 BN	NA	0.260 BN	NA	ND(0.290) N
Arsenic	3.80	3.90	NA	3.00	NA	3.40
Barium	45.9 E	69.8 E	NA	20.5 BE	NA	46.9 E
Beryllium	0.190 B	0.160 B	NA	0.150 B	NA	0.260 B
Cadmium	0.0700 B	0.0600 B	NA	ND(0.0200)	NA	0.100 B
Chromium	7.00	7.20	NA	6.80	NA	8.70
Cobalt	33.5	32.3	NA	6.80	NA	8.10 *
Copper	29.3 *E	27.1 *E	NA	11.7 *E	NA	15.1
Cyanide	0.120 B	0.100 B	NA	0.0700 B	NA	0.540 B
Lead	5.90 N	6.50 N	NA	5.30 N	NA	8.80
Mercury	ND(0.0170) N*	ND(0.0170) N*	NA	ND(0.0170) N*	NA	0.0210 B
Nickel	10.9	13.1	NA	10.8	NA	13.5 E
Selenium	0.510 N	0.660 N	NA	0.380 BN	NA	ND(0.340)
Silver	ND(0.0900)	0.110 B	NA	ND(0.0900)	NA	ND(0.140)
Sulfide	ND(25.0)	ND(26.0)	NA	ND(28.0)	NA	22.4
Thallium	ND(0.290) N	ND(0.300) N	NA	ND(0.300) N	NA	ND(0.360)
Tin	6.80 B	7.40 B	NA	5.30 B	NA	1.60 B
Vanadium	8.40	7.90	NA	7.60	NA	11.0
Zinc	32.9	39.2	NA	35.2	NA	46.0

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-I21 0-1 05/29/03	RAA10-W-I21 6-15 05/29/03	RAA10-W-I21 8-10 05/29/03	RAA10-W-I22 1-6 09/25/03	RAA10-W-I22 4-6 09/25/03	RAA10-W-J21 0-1 08/26/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
1,2-Dichloroethane	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
2-Butanone	0.010 J	NA	0.0070 J	NA	ND(0.11)	ND(0.011)
4-Methyl-2-pentanone	ND(0.013)	NA	ND(0.011)	NA	ND(0.011)	ND(0.011)
Acetone	0.12	NA	0.042	NA	ND(0.11)	0.0082 J
Acetonitrile	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.11)	0.0053
Benzene	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
Bromomethane	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.011)	ND(0.0040)
Carbon Disulfide	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.011)	ND(0.0040)
Chlorobenzene	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
Chloroform	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
Chloromethane	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.011)	ND(0.0040)
Ethylbenzene	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
Methyl Methacrylate	ND(0.054)	NA	ND(0.045)	NA	ND(0.011)	ND(0.044)
Methylene Chloride	0.00087 J	NA	0.00091 J	NA	ND(0.0056)	0.0017 JB
Propionitrile	ND(0.27)	NA	ND(0.22)	NA	ND(0.056)	0.0028 JB
Toluene	0.00061 JB	NA	0.00099 JB	NA	ND(0.0056)	0.00065 J
trans-1,4-Dichloro-2-butene	0.00077 JB	NA	ND(0.089)	NA	ND(0.011)	0.032 JB
Trichloroethene	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
Trichlorofluoromethane	ND(0.0050)	NA	ND(0.0040)	NA	ND(0.0056)	ND(0.0040)
Xylenes (total)	ND(0.016)	NA	ND(0.013)	NA	ND(0.0056)	ND(0.013)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
1,2-Dichlorobenzene	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
1,4-Dichlorobenzene	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2,4,6-Trichlorophenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2,4-Dichlorophenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2,4-Dimethylphenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2,6-Dichlorophenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2-Chlorophenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2-Methylnaphthalene	0.028 J	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
2-Methylphenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
3&4-Methylphenol	ND(0.79)	ND(0.76)	NA	ND(0.74)	NA	ND(0.71)
4-Nitrophenol	ND(2.0)	ND(1.9)	NA	ND(1.9)	NA	ND(1.8)
Acenaphthene	0.14 J	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Acenaphthylene	0.024 J	ND(0.38)	NA	ND(0.37)	NA	0.051 J
Aniline	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Anthracene	0.20 J	ND(0.38)	NA	ND(0.37)	NA	0.026 J
Benzo(a)anthracene	0.61	ND(0.38)	NA	ND(0.37)	NA	0.14 J
Benzo(a)pyrene	0.57	ND(0.38)	NA	ND(0.37)	NA	0.16 J
Benzo(b)fluoranthene	0.47	ND(0.38)	NA	ND(0.37)	NA	0.13 J
Benzo(g,h,i)perylene	0.37 J	ND(0.38)	NA	ND(0.37)	NA	0.14 J
Benzo(k)fluoranthene	0.56	ND(0.38)	NA	ND(0.37)	NA	0.18 J
Benzyl Alcohol	ND(0.79)	ND(0.76)	NA	ND(0.74)	NA	ND(0.71)
bis(2-Ethylhexyl)phthalate	0.12 J	ND(0.38)	NA	ND(0.36)	NA	ND(0.35)
Butylbenzylphthalate	0.054 J	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Chrysene	0.74	ND(0.38)	NA	ND(0.37)	NA	0.17 J
Dibenzo(a,h)anthracene	0.069 J	ND(0.38)	NA	ND(0.37)	NA	0.051 J
Dibenzofuran	0.060 J	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Diethylphthalate	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Dimethylphthalate	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Di-n-Octylphthalate	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Fluoranthene	1.3	ND(0.38)	NA	ND(0.37)	NA	0.25 J
Fluorene	0.11 J	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Hexachlorobenzene	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-I21 0-1 05/29/03	RAA10-W-I21 6-15 05/29/03	RAA10-W-I21 8-10 05/29/03	RAA10-W-I22 1-6 09/25/03	RAA10-W-I22 4-6 09/25/03	RAA10-W-J21 0-1 08/26/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.39)	ND(0.36)	NA	ND(0.37)	NA	0.14 J
Naphthalene	0.039 J	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Pentachlorophenol	ND(2.0)	ND(1.9)	NA	ND(1.9)	NA	ND(1.8)
Phenanthrene	0.98	ND(0.38)	NA	ND(0.37)	NA	0.049 J
Phenol	ND(0.39)	ND(0.38)	NA	ND(0.37)	NA	ND(0.35)
Pyrene	1.4	ND(0.38)	NA	ND(0.37)	NA	0.23 J
Furans						
2,3,7,8-TCDF	ND(0.0000065) X	ND(0.0000025)	NA	ND(0.00000036)	NA	0.0000021 J
TCDFs (total)	0.00010	ND(0.0000025)	NA	0.0000027	NA	0.000034
1,2,3,7,8 PeCDF	ND(0.0000060) X	ND(0.0000027)	NA	ND(0.00000029)	NA	0.0000034 J
2,3,4,7,8-PeCDF	ND(0.000022) X	ND(0.0000027)	NA	0.0000016	NA	0.000035
PeCDFs (total)	0.00043	ND(0.0000027)	NA	0.000010 I	NA	0.00025
1,2,3,4,7,8-HxCDF	ND(0.000014) X	ND(0.0000027)	NA	0.0000020	NA	0.000024
1,2,3,6,7,8-HxCDF	0.000011 J	ND(0.0000027)	NA	0.0000027	NA	0.000012 J
1,2,3,7,8,9-HxCDF	ND(0.0000041) X	ND(0.0000027)	NA	0.0000020	NA	0.000012 J
2,3,4,6,7,8-HxCDF	0.000040	ND(0.0000027)	NA	0.0000022	NA	0.000020 J
HxCDFs (total)	0.00045	ND(0.0000027)	NA	0.000015 I	NA	0.00027
1,2,3,4,6,7,8-HpCDF	0.000061	ND(0.0000029)	NA	ND(0.00000015)	NA	0.000022 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000061) X	ND(0.0000035)	NA	0.0000020	NA	0.0000084 J
HpCDFs (total)	0.00015	ND(0.0000031)	NA	0.0000018	NA	0.000061
OCDF	0.000042 J	ND(0.0000055)	NA	ND(0.00000022)	NA	0.000013 J
Dioxins						
2,3,7,8-TCDD	ND(0.0000023)	ND(0.0000020)	NA	ND(0.00000044)	NA	ND(0.0000013) X
TCDDs (total)	ND(0.0000023)	ND(0.0000020)	NA	0.0000010	NA	0.000010
1,2,3,7,8-PeCDD	ND(0.0000061) X	ND(0.0000027)	NA	ND(0.00000032)	NA	0.0000078 J
PeCDDs (total)	0.000012	ND(0.0000027)	NA	ND(0.00000032)	NA	0.00026
1,2,3,4,7,8-HxCDD	ND(0.0000035) X	ND(0.0000027)	NA	0.0000018	NA	0.0000087 J
1,2,3,6,7,8-HxCDD	0.0000076 J	ND(0.0000027)	NA	0.0000017	NA	0.000038
1,2,3,7,8,9-HxCDD	ND(0.0000046) X	ND(0.0000027)	NA	0.0000017	NA	0.000019 J
HxCDDs (total)	0.000028	ND(0.0000037)	NA	0.0000052	NA	0.00032
1,2,3,4,6,7,8-HpCDD	0.000071	ND(0.0000031)	NA	ND(0.00000014)	NA	0.000090
HpCDDs (total)	0.00014	ND(0.0000031)	NA	ND(0.00000014)	NA	0.00019
OCDD	0.00060	0.000011 J	NA	0.0000062	NA	0.000090 B
Total TEQs (WHO TEFs)	0.000019	0.0000043	NA	0.0000026	NA	0.000041
Inorganics						
Antimony	0.880 BN	0.580 BN	NA	ND(6.00)	NA	ND(0.390) N
Arsenic	6.10	3.00	NA	4.70	NA	3.00
Barium	48.3 E	31.6 E	NA	37.0	NA	24.6
Beryllium	0.300 B	0.240 B	NA	0.300 B	NA	0.210 B
Cadmium	0.320 B	ND(0.0200)	NA	ND(0.500)	NA	0.310 B
Chromium	13.3	7.80	NA	6.80	NA	6.80
Cobalt	31.4	6.80	NA	14.0	NA	6.20
Copper	30.4 *E	17.4 *E	NA	15.0	NA	14.7
Cyanide	0.190 B	0.110 B	NA	0.0490 B	NA	ND(0.0200)
Lead	30.4 N	5.90 N	NA	6.40	NA	9.90 N
Mercury	0.160 N*	ND(0.0180) N*	NA	ND(0.110)	NA	0.0180 B
Nickel	17.4	13.8	NA	22.0	NA	12.1
Selenium	1.30 N	0.600 N	NA	ND(1.00)	NA	0.530 N
Silver	ND(0.100)	ND(0.100)	NA	ND(1.00)	NA	ND(0.150)
Sulfide	ND(27.0)	ND(28.0)	NA	ND(5.50)	NA	32.1
Thallium	ND(0.330) N	ND(0.310) N	NA	1.00 B	NA	ND(0.430) N
Tin	8.60 B	5.90 B	NA	3.60 B	NA	6.70
Vanadium	18.7	8.70	NA	7.00	NA	10.0
Zinc	70.2	42.5	NA	59.0	NA	40.9 E

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-J21 6-15 08/26/03	RAA10-W-J21 10-12 08/26/03	RAA10-W-K11 1-6 08/19/03	RAA10-W-K11 4-6 08/19/03
Volatile Organics				
1,1,1-Trichloroethane	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
1,2-Dichloroethane	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
2-Butanone	NA	ND(0.011)	NA	ND(0.012) [ND(0.013)]
4-Methyl-2-pentanone	NA	ND(0.011)	NA	ND(0.012) [ND(0.013)]
Acetone	NA	0.0096 J	NA	ND(0.012) [ND(0.013)]
Acetonitrile	NA	0.0052	NA	ND(0.0050) [ND(0.0050)]
Benzene	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Bromomethane	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Carbon Disulfide	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Chlorobenzene	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Chloroform	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Chloromethane	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Ethylbenzene	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Methyl Methacrylate	NA	ND(0.044)	NA	ND(0.050) [ND(0.052)]
Methylene Chloride	NA	0.0016 JB	NA	ND(0.0050) [ND(0.0050)]
Propionitrile	NA	ND(0.22)	NA	ND(0.25) [ND(0.26)]
Toluene	NA	0.00091 J	NA	ND(0.0050) [ND(0.0050)]
trans-1,4-Dichloro-2-butene	NA	0.032 JB	NA	ND(0.10) [ND(0.10)]
Trichloroethene	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Trichlorofluoromethane	NA	ND(0.0040)	NA	ND(0.0050) [ND(0.0050)]
Xylenes (total)	NA	ND(0.013)	NA	ND(0.015) [ND(0.016)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
1,2,4-Trichlorobenzene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
1,2-Dichlorobenzene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
1,4-Dichlorobenzene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2,4,6-Trichlorophenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2,4-Dichlorophenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2,4-Dimethylphenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2,6-Dichlorophenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2-Chlorophenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2-Methylnaphthalene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
2-Methylphenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
3&4-Methylphenol	ND(0.73)	NA	ND(0.75) [ND(0.79)]	NA
4-Nitrophenol	ND(1.8)	NA	ND(1.9) [ND(2.0)]	NA
Acenaphthene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Acenaphthylene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Aniline	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Anthracene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Benzo(a)anthracene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Benzo(a)pyrene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Benzo(b)fluoranthene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Benzo(g,h,i)perylene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Benzo(k)fluoranthene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Benzyl Alcohol	ND(0.73)	NA	ND(0.75) [ND(0.79)]	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.37) [0.036 J]	NA
Butylbenzylphthalate	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Chrysene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Dibenzo(a,h)anthracene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Dibenzofuran	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Diethylphthalate	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Dimethylphthalate	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Di-n-Octylphthalate	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Fluoranthene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Fluorene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Hexachlorobenzene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-J21 6-15 08/26/03	RAA10-W-J21 10-12 08/26/03	RAA10-W-K11 1-6 08/19/03	RAA10-W-K11 4-6 08/19/03
Semivolatile Organics (continued)				
Indeno(1,2,3-cd)pyrene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Naphthalene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
N-Nitroso-di-n-propylamine	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Pentachlorophenol	ND(1.8)	NA	ND(1.9) [ND(2.0)]	NA
Phenanthrene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Phenol	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Pyrene	ND(0.36)	NA	ND(0.37) [ND(0.39)]	NA
Furans				
2,3,7,8-TCDF	ND(0.00000011)	NA	0.00000013 J [0.00000015 J]	NA
TCDFs (total)	ND(0.00000011)	NA	0.00000098 [0.00000078]	NA
1,2,3,7,8-PeCDF	0.00000010 J	NA	ND(0.000000082) X [ND(0.00000029)]	NA
2,3,4,7,8-PeCDF	0.00000011 J	NA	0.00000015 J [0.00000021 J]	NA
PeCDFs (total)	0.00000021	NA	0.0000022 [0.0000029]	NA
1,2,3,4,7,8-HxCDF	0.000000067 J	NA	ND(0.00000015) X [0.00000016 J]	NA
1,2,3,6,7,8-HxCDF	0.00000011 J	NA	0.000000094 J [0.00000011 J]	NA
1,2,3,7,8,9-HxCDF	0.00000011 J	NA	ND(0.00000029) [ND(0.00000029)]	NA
2,3,4,6,7,8-HxCDF	ND(0.00000027)	NA	0.00000011 J [0.00000016 J]	NA
HxCDFs (total)	0.00000029	NA	0.0000021 [0.0000029]	NA
1,2,3,4,6,7,8-HpCDF	0.00000012 J	NA	0.00000015 J [0.00000021 J]	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NA	ND(0.00000029) [ND(0.00000029)]	NA
HpCDFs (total)	0.00000012	NA	0.00000034 [0.00000021]	NA
OCDF	ND(0.00000054)	NA	ND(0.00000011) X [0.00000017 J]	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000011)	NA	ND(0.00000011) [ND(0.000000091) X]	NA
TCDDs (total)	0.000000078	NA	ND(0.00000028) [0.00000019]	NA
1,2,3,7,8-PeCDD	ND(0.00000012) X	NA	ND(0.00000029) [ND(0.000000058) X]	NA
PeCDDs (total)	0.00000017	NA	0.00000018 [0.00000016]	NA
1,2,3,4,7,8-HxCDD	ND(0.00000027)	NA	ND(0.00000029) [ND(0.00000029)]	NA
1,2,3,6,7,8-HxCDD	ND(0.00000027)	NA	ND(0.00000029) [0.000000065 J]	NA
1,2,3,7,8,9-HxCDD	ND(0.00000027)	NA	ND(0.00000029) [ND(0.00000029)]	NA
HxCDDs (total)	ND(0.00000040)	NA	0.00000013 [0.00000019]	NA
1,2,3,4,6,7,8-HpCDD	0.00000029 J	NA	0.00000033 J [0.00000031 J]	NA
HpCDDs (total)	0.00000029	NA	0.00000062 [0.00000061]	NA
OCDD	0.0000019 J	NA	0.0000024 J [0.0000025 J]	NA
Total TEQs (WHO TEFs)	0.00000027	NA	0.00000038 [0.00000030]	NA
Inorganics				
Antimony	ND(0.420) N	NA	ND(0.300) N [ND(0.320) N]	NA
Arsenic	1.30	NA	2.70 [2.70]	NA
Barium	12.6	NA	21.0 E [23.9 E]	NA
Beryllium	0.0900 B	NA	0.170 B [0.190 B]	NA
Cadmium	0.100 B	NA	ND(0.0500) [ND(0.0600)]	NA
Chromium	3.90	NA	6.60 [7.00]	NA
Cobalt	3.20	NA	5.50 * [5.80 *]	NA
Copper	7.50	NA	10.7 [10.7]	NA
Cyanide	ND(0.0200)	NA	ND(0.0200) [0.0800 B]	NA
Lead	3.30 N	NA	4.90 [5.20]	NA
Mercury	ND(0.0160)	NA	ND(0.0170) [ND(0.0170)]	NA
Nickel	6.10	NA	10.8 E [11.3 E]	NA
Selenium	0.480 BN	NA	ND(0.350) [ND(0.360)]	NA
Silver	ND(0.160)	NA	ND(0.140) [ND(0.150)]	NA
Sulfide	29.8	NA	23.4 [27.9]	NA
Thallium	ND(0.460) N	NA	ND(0.370) [ND(0.390)]	NA
Tin	3.80	NA	1.30 B [1.20 B]	NA
Vanadium	4.10	NA	6.60 [7.50]	NA
Zinc	18.8 E	NA	33.5 [46.2]	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-K11 6-11 08/19/03	RAA10-W-K11 10-11 08/19/03	RAA10-W-K17 1-6 08/20/03	RAA10-W-K17 5-6 08/20/03	RAA10-W-K18 0-1 08/25/03	RAA10-W-K19 0-1 08/25/03
Volatile Organics						
1,1,1-Trichloroethane	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	0.00057 J
1,2-Dichloroethane	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
2-Butanone	NA	ND(0.011)	NA	ND(0.011)	0.0035 J	ND(0.013)
4-Methyl-2-pentanone	NA	ND(0.011)	NA	ND(0.011)	ND(0.011)	ND(0.013)
Acetone	NA	0.011	NA	0.0083 JB	0.029	0.021
Acetonitrile	NA	0.0077	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Benzene	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Bromomethane	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Carbon Disulfide	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Chlorobenzene	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Chloroform	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Chloromethane	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Ethylbenzene	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Methyl Methacrylate	NA	ND(0.044)	NA	ND(0.044)	0.00088 JB	0.00068 JB
Methylene Chloride	NA	0.00051 JB	NA	ND(0.0040)	0.00071 JB	0.00060 JB
Propionitrile	NA	ND(0.22)	NA	ND(0.22)	0.0071 JB	0.0060 JB
Toluene	NA	ND(0.0044)	NA	ND(0.0040)	0.00040 J	ND(0.0050)
trans-1,4-Dichloro-2-butene	NA	0.032 JB	NA	0.037 JB	0.032 JB	0.037 JB
Trichloroethene	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Trichlorofluoromethane	NA	ND(0.0044)	NA	ND(0.0040)	ND(0.0040)	ND(0.0050)
Xylenes (total)	NA	ND(0.013)	NA	ND(0.013)	ND(0.013)	ND(0.015)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
1,2,4-Trichlorobenzene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
1,2-Dichlorobenzene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
1,4-Dichlorobenzene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
2,4,6-Trichlorophenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
2,4-Dichlorophenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
2,4-Dimethylphenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
2,6 Dichlorophenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
2-Chlorophenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
2-Methylnaphthalene	ND(0.36)	NA	ND(0.34)	NA	0.11 J	ND(0.37)
2-Methylphenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
3&4-Methylphenol	ND(0.73)	NA	ND(0.70)	NA	ND(0.69)	ND(0.75)
4-Nitrophenol	ND(1.8)	NA	ND(1.8)	NA	ND(1.8)	ND(1.9)
Acenaphthene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Acenaphthylene	ND(0.36)	NA	ND(0.34)	NA	0.092 J	0.019 J
Aniline	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Anthracene	ND(0.36)	NA	ND(0.34)	NA	0.050 J	ND(0.37)
Benzo(a)anthracene	ND(0.36)	NA	ND(0.34)	NA	0.26 J	0.041 J
Benzo(a)pyrene	ND(0.36)	NA	ND(0.34)	NA	0.22 J	0.046 J
Benzo(b)fluoranthene	ND(0.36)	NA	ND(0.34)	NA	0.22 J	0.040 J
Benzo(g,h,i)perylene	ND(0.36)	NA	ND(0.34)	NA	0.092 J	0.038 J
Benzo(k)fluoranthene	ND(0.36)	NA	ND(0.34)	NA	0.25 J	0.042 J
Benzyl Alcohol	ND(0.73)	NA	ND(0.70)	NA	ND(0.69)	ND(0.75)
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Butylbenzylphthalate	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Chrysene	ND(0.36)	NA	ND(0.34)	NA	0.26 J	0.059 J
Dibenzo(a,h)anthracene	ND(0.36)	NA	ND(0.34)	NA	0.031 J	0.021 J
Dibenzofuran	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Diethylphthalate	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Dimethylphthalate	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Di-n Octylphthalate	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Fluoranthene	ND(0.36)	NA	ND(0.34)	NA	0.38	0.052 J
Fluorene	ND(0.36)	NA	ND(0.34)	NA	0.024 J	ND(0.37)
Hexachlorobenzene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-K11 6-11 08/19/03	RAA10-W-K11 10-11 08/19/03	RAA10-W-K17 1-6 08/20/03	RAA10-W-K17 5-6 08/20/03	RAA10-W-K18 0-1 08/25/03	RAA10-W-K19 0-1 08/25/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Naphthalene	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Pentachlorophenol	ND(1.8)	NA	ND(1.8)	NA	ND(1.8)	ND(1.9)
Phenanthrene	ND(0.36)	NA	ND(0.34)	NA	0.088 J	0.024 J
Phenol	ND(0.36)	NA	ND(0.34)	NA	ND(0.34)	ND(0.37)
Pyrene	ND(0.36)	NA	ND(0.34)	NA	0.36	0.056 J
Furans						
2,3,7,8-TCDF	0.000000081 J	NA	ND(0.00000010)	NA	0.0000024 Y	0.0000044 Y
TCDFs (total)	0.000000081	NA	ND(0.00000010)	NA	0.000095	0.00012
1,2,3,7,8-PeCDF	ND(0.000000049) X	NA	ND(0.000000094) X	NA	ND(0.0000018)	0.0000018 J
2,3,4,7,8-PeCDF	ND(0.000000055) X	NA	0.00000013 J	NA	0.000031	0.000043
PeCDFs (total)	ND(0.00000027)	NA	0.0000019	NA	0.00035	0.00050
1,2,3,4,7,8-HxCDF	ND(0.00000027)	NA	0.000000060 J	NA	0.0000065	0.0000085
1,2,3,6,7,8-HxCDF	ND(0.000000077) X	NA	0.00000011 J	NA	0.0000067	0.0000096
1,2,3,7,8,9-HxCDF	ND(0.00000027)	NA	ND(0.00000026)	NA	0.0000030 J	0.0000031 J
2,3,4,6,7,8-HxCDF	ND(0.00000027)	NA	0.00000011 J	NA	0.000022	0.000035
HxCDFs (total)	0.000000051	NA	0.0000015	NA	0.00030	0.00045
1,2,3,4,6,7,8-HpCDF	0.000000077 J	NA	0.00000022 J	NA	0.000019	0.000035
1,2,3,4,7,8,9-HpCDF	ND(0.00000027)	NA	ND(0.00000026)	NA	0.0000029 J	0.0000036 J
HpCDFs (total)	0.000000077	NA	0.00000048	NA	0.000054	0.000096
OCDF	ND(0.00000053)	NA	0.00000022 J	NA	0.000011	0.000023
Dioxins						
2,3,7,8-TCDD	ND(0.00000011)	NA	ND(0.00000010)	NA	ND(0.00000023) X	ND(0.00000032) X
TCDDs (total)	ND(0.00000026)	NA	ND(0.00000022)	NA	0.0000020	0.0000029
1,2,3,7,8-PeCDD	ND(0.00000027)	NA	0.000000075 J	NA	ND(0.0000017) X	ND(0.0000025) X
PeCDDs (total)	ND(0.00000028)	NA	0.000000075	NA	0.000015	0.000016
1,2,3,4,7,8-HxCDD	ND(0.000000096) X	NA	ND(0.00000010) X	NA	0.0000012 J	ND(0.0000013) X
1,2,3,6,7,8-HxCDD	ND(0.00000027)	NA	ND(0.00000026)	NA	0.0000051 J	0.0000042 J
1,2,3,7,8,9-HxCDD	ND(0.00000027)	NA	0.000000079 J	NA	0.0000027 J	0.0000023 J
HxCDDs (total)	ND(0.00000042)	NA	0.00000019	NA	0.000050	0.000042
1,2,3,4,6,7,8-HpCDD	0.00000021 J	NA	0.00000077 J	NA	0.000015	0.000019
HpCDDs (total)	0.00000021	NA	0.0000018	NA	0.000033	0.000039
OCDD	0.0000016 J	NA	0.000014	NA	0.000047	0.00014
Total TEQs (WHO TEFs)	0.00000029	NA	0.00000028	NA	0.000022	0.000030
Inorganics						
Antimony	ND(0.310) N	NA	ND(0.290) N	NA	ND(0.380) N	ND(0.420) N
Arsenic	2.70	NA	3.40	NA	2.80	2.00
Barium	21.5 E	NA	24.1 *E	NA	52.2	18.4
Beryllium	0.170 B	NA	0.210 B	NA	0.170 B	0.120 B
Cadmium	ND(0.0500)	NA	ND(0.0500)	NA	0.370 B	0.290 B
Chromium	6.50	NA	6.80	NA	7.10	4.80
Cobalt	5.80 *	NA	9.30 *	NA	6.10	4.00
Copper	11.2	NA	17.2 *	NA	15.7	13.0
Cyanide	ND(0.0200)	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)
Lead	4.70	NA	14.7 N*	NA	10.3 N	10.4 N
Mercury	ND(0.0180)	NA	0.0250 B	NA	0.0680	0.0260 B
Nickel	10.7 E	NA	17.5 *	NA	12.4	8.90
Selenium	ND(0.350)	NA	ND(0.330)	NA	0.570 N	0.530 BN
Silver	ND(0.140)	NA	ND(0.130)	NA	ND(0.140)	ND(0.160)
Sulfide	22.4	NA	44.9	NA	21.5	25.6
Thallium	0.540 B	NA	ND(0.350)	NA	ND(0.420) N	ND(0.470) N
Tin	1.60 B	NA	3.80 *	NA	5.40	5.40
Vanadium	6.30	NA	7.70	NA	14.3	8.50
Zinc	33.6	NA	42.5	NA	44.4 E	29.9 E

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-K19 1-3 08/25/03	RAA10-W-K19 1-6 08/25/03	RAA10-W-L19 0-1 09/23/03	RAA10-W-L19 6-15 09/23/03	RAA10-W-L19 14-15 09/23/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
1,2-Dichloroethane	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
2-Butanone	ND(0.014)	NA	ND(0.11) [ND(0.11)]	NA	ND(0.11)
4-Methyl-2-pentanone	ND(0.014)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.011)
Acetone	0.017	NA	ND(0.11) [ND(0.11)]	NA	ND(0.11)
Acetonitrile	ND(0.0050)	NA	ND(0.11) [ND(0.11)]	NA	ND(0.11)
Benzene	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Bromomethane	ND(0.0050)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.011)
Carbon Disulfide	ND(0.0050)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.011)
Chlorobenzene	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Chloroform	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Chloromethane	ND(0.0050)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.011)
Ethylbenzene	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Methyl Methacrylate	ND(0.055)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.011)
Methylene Chloride	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Propionitrile	0.0045 JB	NA	ND(0.055) [ND(0.056)]	NA	ND(0.057)
Toluene	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
trans-1,4-Dichloro-2-butene	0.040 JB	NA	ND(0.011) [ND(0.011)]	NA	ND(0.011)
Trichloroethene	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Trichlorofluoromethane	ND(0.0050)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Xylenes (total)	ND(0.016)	NA	ND(0.0055) [ND(0.0056)]	NA	ND(0.0057)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
1,2,4-Trichlorobenzene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
1,2-Dichlorobenzene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
1,4-Dichlorobenzene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2,4,6-Trichlorophenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2,4-Dichlorophenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2,4-Dimethylphenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2,6-Dichlorophenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2-Chlorophenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2-Methylnaphthalene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
2-Methylphenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
3&4-Methylphenol	NA	ND(0.76)	ND(0.74) [ND(0.75)]	NA	NA
4-Nitrophenol	NA	ND(1.9)	ND(1.9) [ND(1.9)]	NA	NA
Acenaphthene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Acenaphthylene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Aniline	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Anthracene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Benzo(a)anthracene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Benzo(a)pyrene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Benzo(b)fluoranthene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Benzo(g,h,i)perylene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Benzo(k)fluoranthene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Benzyl Alcohol	NA	ND(0.76)	ND(0.74) [ND(0.75)]	NA	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.36) [ND(0.37)]	NA	NA
Butylbenzylphthalate	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Chrysene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Dibenzofuran	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Diethylphthalate	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Dimethylphthalate	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Di-n-Octylphthalate	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Fluoranthene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Fluorene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Hexachlorobenzene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-K19 1-3 08/25/03	RAA10-W-K19 1-6 08/25/03	RAA10-W-L19 0-1 09/23/03	RAA10-W-L19 6-15 09/23/03	RAA10-W-L19 14-15 09/23/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Naphthalene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
N-Nitroso-di-n-propylamine	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Pentachlorophenol	NA	ND(1.9)	ND(1.9) [ND(1.9)]	NA	NA
Phenanthrene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Phenol	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Pyrene	NA	ND(0.38)	ND(0.37) [ND(0.37)]	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.00000026 J	ND(0.00000018) X [ND(0.00000016) X]	ND(0.00000014)	NA
TCDFs (total)	NA	0.0000060	0.0000076 [0.0000049]	ND(0.00000014)	NA
1,2,3,7,8-PeCDF	NA	0.00000019 J	0.00000017 J [0.00000014 J]	ND(0.00000024)	NA
2,3,4,7,8-PeCDF	NA	0.0000021 J	0.0000019 J [0.0000016 J]	ND(0.00000024)	NA
PeCDFs (total)	NA	0.000024	0.000019 [0.000016]	ND(0.00000024)	NA
1,2,3,4,7,8-HxCDF	NA	0.00000051 J	0.00000042 J [0.00000038 J]	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDF	NA	0.00000059 J	0.00000056 J [0.00000044 J]	ND(0.00000024)	NA
1,2,3,7,8,9-HxCDF	NA	0.00000022 J	0.00000019 J [ND(0.00000038)]	ND(0.00000032)	NA
2,3,4,6,7,8-HxCDF	NA	0.0000016 J	0.0000011 J [0.00000089 J]	ND(0.00000025)	NA
HxCDFs (total)	NA	0.000022	0.000017 [0.000013]	ND(0.00000026)	NA
1,2,3,4,6,7,8-HpCDF	NA	0.0000017 J	0.0000019 J [0.0000013 J]	ND(0.00000024)	NA
1,2,3,4,7,8,9-HpCDF	NA	0.00000022 J	ND(0.00000026) [ND(0.00000024)]	ND(0.00000026)	NA
HpCDFs (total)	NA	0.0000047	0.0000037 [0.0000023]	ND(0.00000024)	NA
OCDF	NA	0.0000011 J	0.0000015 J [0.00000086 J]	ND(0.00000074)	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000011)	ND(0.00000019) [ND(0.00000016)]	ND(0.00000036)	NA
TCDDs (total)	NA	ND(0.00000023)	0.00000014 [ND(0.00000029)]	ND(0.00000036)	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000024) X	ND(0.00000018) X [ND(0.00000020) X]	ND(0.00000024)	NA
PeCDDs (total)	NA	0.00000056	0.0000024 [0.0000016]	ND(0.00000042)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000014) X	ND(0.00000042) [ND(0.00000041)]	ND(0.00000047)	NA
1,2,3,6,7,8-HxCDD	NA	0.00000026 J	0.00000066 J [0.00000052 J]	ND(0.00000042)	NA
1,2,3,7,8,9-HxCDD	NA	0.00000019 J	0.00000038 J [0.00000027 J]	ND(0.00000044)	NA
HxCDDs (total)	NA	0.0000011	0.0000054 [0.0000041]	ND(0.00000044)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.0000011 J	0.0000026 J [0.0000017 J]	ND(0.00000026) X	NA
HpCDDs (total)	NA	0.0000023	0.0000050 [0.0000034]	0.00000020	NA
OCDD	NA	0.0000081	0.000015 [0.0000088]	0.0000021 J	NA
Total TEQs (WHO TEFs)	NA	0.0000016	0.0000016 [0.0000013]	0.00000050	NA
Inorganics					
Antimony	NA	ND(0.430) N	1.50 B [1.80 B]	1.40 B	NA
Arsenic	NA	2.20	3.90 [2.70]	2.10	NA
Barium	NA	18.1	20.0 [15.0 B]	11.0 B	NA
Beryllium	NA	0.130 B	0.190 B [0.170 B]	0.120 B	NA
Cadmium	NA	0.280 B	0.220 B [0.220 B]	0.140 B	NA
Chromium	NA	5.40	4.30 [3.60]	2.80	NA
Cobalt	NA	4.70	5.00 [3.80 B]	3.90 B	NA
Copper	NA	9.80	11.0 [8.20]	6.80	NA
Cyanide	NA	ND(0.0200)	ND(0.110) [ND(0.220)]	ND(0.230)	NA
Lead	NA	4.90 N	5.40 [3.50]	2.70	NA
Mercury	NA	ND(0.0180)	0.120 [0.0520 B]	ND(0.120)	NA
Nickel	NA	9.10	10.0 [7.70]	5.90	NA
Selenium	NA	ND(0.470) N	ND(1.00) [ND(1.00)]	ND(1.00)	NA
Silver	NA	ND(0.160)	0.260 B [0.230 B]	0.290 B	NA
Sulfide	NA	29.8	ND(5.50) [7.10]	ND(5.80)	NA
Thallium	NA	ND(0.480) N	ND(1.10) [ND(1.10)]	ND(1.20)	NA
Tin	NA	5.40	2.80 B [2.80 B]	3.30 B	NA
Vanadium	NA	7.10	8.10 [4.80 B]	2.80 B	NA
Zinc	NA	30.2 F	34.0 [25.0]	18.0	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-L20 0-1 10/01/03	RAA10-W-M15 0-1 08/18/03	RAA10-W-M15 1-6 08/18/03	RAA10-W-M15 3-4 08/18/03	RAA10-W-M15 6-12 08/18/03	RAA10-W-M15 8-10 08/18/03
Volatile Organics						
1,1,1-Trichloroethane	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
1,2-Dichloroethane	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
2-Butanone	ND(0.12)	ND(0.013)	NA	ND(0.014)	NA	ND(0.012)
4-Methyl-2-pentanone	ND(0.012)	ND(0.013)	NA	ND(0.014)	NA	ND(0.012)
Acetone	ND(0.12)	0.054	NA	ND(0.014)	NA	0.0077 J
Acetonitrile	ND(0.12)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Benzene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Bromomethane	ND(0.012)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Carbon Disulfide	ND(0.012)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Chlorobenzene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Chloroform	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Chloromethane	ND(0.012)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Ethylbenzene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Methyl Methacrylate	ND(0.012)	ND(0.054)	NA	ND(0.055)	NA	ND(0.048)
Methylene Chloride	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	0.00097 JB
Propionitrile	ND(0.058)	ND(0.27)	NA	ND(0.27)	NA	ND(0.24)
Toluene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
trans-1,4 Dichloro-2-butene	ND(0.012)	ND(0.11)	NA	ND(0.11)	NA	0.035 JB
Trichloroethene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Trichlorofluoromethane	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	NA	ND(0.0048)
Xylenes (total)	ND(0.0058)	ND(0.016)	NA	ND(0.016)	NA	ND(0.014)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
1,4-Dichlorobenzene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2,4,6-Trichlorophenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2-Chlorophenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2-Methylnaphthalene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
2-Methylphenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
3&4-Methylphenol	ND(0.78)	ND(0.79)	ND(0.74)	NA	ND(0.77)	NA
4-Nitrophenol	ND(2.0)	ND(2.0)	ND(1.9)	NA	ND(2.0)	NA
Acenaphthene	0.18 J	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Acenaphthylene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Aniline	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Anthracene	0.24 J	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Benzo(a)anthracene	0.66	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Benzo(a)pyrene	0.85	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Benzo(b)fluoranthene	0.84	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Benzo(g,h,i)perylene	0.47	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Benzo(k)fluoranthene	0.82	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Benzyl Alcohol	ND(0.78)	ND(0.79)	ND(0.74)	NA	ND(0.77)	NA
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.39)	ND(0.36)	NA	0.075 J	NA
Butylbenzylphthalate	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Chrysene	0.72	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Dibenzo(a,h)anthracene	0.11 J	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Dibenzofuran	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Diethylphthalate	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Dimethylphthalate	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Di-n-Octylphthalate	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Fluoranthene	1.3	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Fluorene	0.096 J	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Hexachlorobenzene	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-L20 0-1 10/01/03	RAA10-W-M15 0-1 08/18/03	RAA10-W-M15 1-6 08/18/03	RAA10-W-M15 3-4 08/18/03	RAA10-W-M15 6-12 08/18/03	RAA10-W-M15 8-10 08/18/03
Semivolatile Organics (continued)						
Indeno(1,2,3-cd)pyrene	0.52	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Naphthalene	0.13 J	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
N-Nitroso-di-n-propylamine	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Pentachlorophenol	ND(2.0)	ND(2.0)	ND(1.9)	NA	ND(2.0)	NA
Phenanthrene	1.0	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Phenol	ND(0.39)	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Pyrene	1.6	ND(0.39)	ND(0.36)	NA	ND(0.38)	NA
Furans						
2,3,7,8-TCDF	ND(0.000011) XY	0.00000037 J	0.000000078 J	NA	0.000000064 J	NA
TCDFs (total)	0.0047 I	0.0000064	0.00000030	NA	0.000000064	NA
1,2,3,7,8-PeCDF	0.000017	ND(0.00000027)	ND(0.00000026)	NA	ND(0.00000029)	NA
2,3,4,7,8-PeCDF	0.000012	0.0000022 J	0.000000094 J	NA	0.000000050 J	NA
PeCDFs (total)	0.0062 I	0.000018	0.00000059	NA	0.000000050	NA
1,2,3,4,7,8-HxCDF	0.00025 I	0.00000098 J	ND(0.00000026)	NA	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDF	0.00025	0.00000079 J	0.000000078 J	NA	ND(0.000000050) X	NA
1,2,3,7,8,9-HxCDF	ND(0.0000010)	0.00000048 J	ND(0.00000026)	NA	ND(0.00000029)	NA
2,3,4,6,7,8-HxCDF	0.000024	0.0000017 J	ND(0.00000026)	NA	ND(0.00000029)	NA
HxCDFs (total)	0.0031 I	0.000022	0.00000057	NA	ND(0.00000029)	NA
1,2,3,4,6,7,8-HpCDF	0.00010	0.0000012 J	0.000000086 J	NA	0.000000073 J	NA
1,2,3,4,7,8,9-HpCDF	0.0000056	0.00000032 J	ND(0.00000026)	NA	ND(0.00000029)	NA
HpCDFs (total)	0.00058 I	0.0000033	0.000000086	NA	0.000000073	NA
OCDF	0.000079	0.00000046 J	ND(0.00000052)	NA	ND(0.00000057)	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000025)	ND(0.00000011)	ND(0.00000011)	NA	ND(0.00000011)	NA
TCDDs (total)	0.0000038	0.0000026	0.000000092	NA	ND(0.00000011)	NA
1,2,3,7,8-PeCDD	ND(0.0000030) X	ND(0.00000033) X	ND(0.00000026)	NA	ND(0.00000029)	NA
PeCDDs (total)	ND(0.0000015)	0.0000053	ND(0.00000026)	NA	ND(0.00000036)	NA
1,2,3,4,7,8-HxCDD	0.0000028	0.00000027 J	ND(0.00000026)	NA	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDD	0.0000008	0.0000020 J	ND(0.00000026)	NA	ND(0.00000029)	NA
1,2,3,7,8,9-HxCDD	0.0000060	0.0000011 J	ND(0.00000026)	NA	ND(0.00000029)	NA
HxCDDs (total)	0.000019	0.000017	0.00000016	NA	0.00000011	NA
1,2,3,4,6,7,8-HpCDD	0.00020	0.0000046	ND(0.00000034) X	NA	0.00000030 J	NA
HpCDDs (total)	0.00035	0.0000097	0.00000028	NA	0.00000058	NA
OCDD	0.0026	0.0000067	0.0000022 J	NA	0.0000020 J	NA
Total TEQs (WHO TEFs)	0.000067	0.0000022	0.00000034	NA	0.00000033	NA
Inorganics						
Antimony	ND(6.00)	ND(0.330) N	ND(0.290) N	NA	ND(0.300) N	NA
Arsenic	3.20	3.50	2.10	NA	1.60	NA
Barium	26.0	22.2 E	16.9 E	NA	15.8 E	NA
Beryllium	0.190 B	0.220 B	0.160 B	NA	0.140 B	NA
Cadmium	ND(0.500)	0.0800 B	0.0600 B	NA	ND(0.0500)	NA
Chromium	5.70	6.10	4.20	NA	6.90	NA
Cobalt	5.60	7.50 *	4.20 *	NA	5.40 *	NA
Copper	13.0	14.5	8.70	NA	9.90	NA
Cyanide	0.110 B	ND(0.0200)	0.0900 B	NA	ND(0.0200)	NA
Lead	5.20	5.20	4.00	NA	3.90	NA
Mercury	0.150	0.0250 B	ND(0.0180)	NA	0.0210 B	NA
Nickel	9.60	11.5 E	8.40 E	NA	10.8 E	NA
Selenium	ND(1.00)	ND(0.380)	ND(0.330)	NA	ND(0.340)	NA
Silver	ND(1.00)	ND(0.150)	ND(0.130)	NA	ND(0.140)	NA
Sulfide	9.40	22.1	26.6	NA	30.8	NA
Thallium	ND(1.20)	ND(0.400)	ND(0.350)	NA	ND(0.360)	NA
Tin	3.10 B	1.70 B	1.30 B	NA	1.20 B	NA
Vanadium	5.30	7.10	5.10	NA	5.40	NA
Zinc	35.0	38.3	25.4	NA	30.8	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-N13 0-1 09/23/03	RAA10-W-N17 0-1 09/23/03	RAA10-W-N18 0-1 10/01/03	RAA10-W-N18 1-6 10/01/03	RAA10-W-N18 4-6 10/01/03
Volatile Organics					
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
1,2-Dichloroethane	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
2-Butanone	ND(0.11)	ND(0.11)	ND(0.12)	NA	ND(0.12)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.012)
Acetone	ND(0.11)	ND(0.11)	ND(0.12)	NA	ND(0.12)
Acetonitrile	ND(0.11)	ND(0.11)	ND(0.12)	NA	ND(0.12)
Benzene	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Bromomethane	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.012)
Carbon Disulfide	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.012)
Chlorobenzene	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Chloroform	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Chloromethane	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.012)
Ethylbenzene	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Methyl Methacrylate	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.012)
Methylene Chloride	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Propionitrile	ND(0.054)	ND(0.056)	ND(0.063)	NA	ND(0.058)
Toluene	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.011)	ND(0.011)	ND(0.012)	NA	ND(0.012)
Trichloroethene	ND(0.0054)	0.038	ND(0.0063)	NA	ND(0.0058)
Trichlorofluoromethane	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Xylenes (total)	ND(0.0054)	ND(0.0056)	ND(0.0063)	NA	ND(0.0058)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
1,2-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2,4,6-Trichlorophenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2,4-Dichlorophenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2,4-Dimethylphenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2,6-Dichlorophenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2-Chlorophenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2-Methylnaphthalene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
2-Methylphenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
3&4-Methylphenol	ND(0.72)	ND(0.75)	ND(0.84)	ND(0.79)	NA
4-Nitrophenol	ND(1.8)	ND(1.9)	ND(2.1)	ND(2.0)	NA
Acenaphthene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Acenaphthylene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Aniline	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Anthracene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Benzo(a)anthracene	ND(0.36)	0.11 J	ND(0.42)	ND(0.39)	NA
Benzo(a)pyrene	ND(0.36)	0.11 J	0.12 J	ND(0.39)	NA
Benzo(b)fluoranthene	ND(0.36)	0.13 J	0.096 J	ND(0.39)	NA
Benzo(g,h,i)perylene	ND(0.36)	0.083 J	ND(0.42)	ND(0.39)	NA
Benzo(k)fluoranthene	ND(0.36)	0.12 J	ND(0.42)	ND(0.39)	NA
Benzyl Alcohol	ND(0.72)	ND(0.75)	ND(0.84)	ND(0.79)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.37)	ND(0.41)	ND(0.39)	NA
Butylbenzylphthalate	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Chrysene	ND(0.36)	0.14 J	0.087 J	ND(0.39)	NA
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Dibenzofuran	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Diethylphthalate	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Dimethylphthalate	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Di-n-Octylphthalate	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Fluoranthene	ND(0.36)	0.23 J	0.099 J	ND(0.39)	NA
Fluorene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Hexachlorobenzene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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:	RAA10-W-N13 0-1 09/23/03	RAA10-W-N17 0-1 09/23/03	RAA10-W-N18 0-1 10/01/03	RAA10-W-N18 1-6 10/01/03	RAA10-W-N18 4-6 10/01/03
Semivolatile Organics (continued)					
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Naphthalene	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Pentachlorophenol	ND(1.8)	ND(1.9)	ND(2.1)	ND(2.0)	NA
Phenanthrene	ND(0.36)	0.16 J	ND(0.42)	ND(0.39)	NA
Phenol	ND(0.36)	ND(0.37)	ND(0.42)	ND(0.39)	NA
Pyrene	ND(0.36)	0.27 J	0.14 J	ND(0.39)	NA
Furans					
2,3,7,8-TCDF	ND(0.00000019) X	0.0000033 Y	ND(0.0000015) Y	ND(0.00000015)	NA
TCDFs (total)	0.0000040	0.000024 QI	0.00011 I	0.00000049	NA
1,2,3,7,8-PeCDF	ND(0.00000013) X	0.0000011 J	ND(0.0000014) X	ND(0.00000014)	NA
2,3,4,7,8-PeCDF	0.0000012 J	0.0000048	0.0000010	ND(0.00000012)	NA
PeCDFs (total)	0.000015	0.000064 Q	0.00016 I	0.0000036 I	NA
1,2,3,4,7,8-HxCDF	ND(0.00000033)	0.0000020 J	0.000011 I	ND(0.000000092)	NA
1,2,3,6,7,8-HxCDF	0.00000044 J	0.0000022 J	0.0000012	ND(0.000000094)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000042)	0.00000055 J	ND(0.00000031)	ND(0.00000012)	NA
2,3,4,6,7,8-HxCDF	0.0000014 J	0.0000058	0.0000015	ND(0.00000011)	NA
HxCDFs (total)	0.000019	0.000078	0.00011 I	ND(0.00000012)	NA
1,2,3,4,6,7,8-HpCDF	0.0000018 J	0.000010	0.000018	ND(0.00000022)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000025)	0.00000094 J	ND(0.00000045)	ND(0.00000029)	NA
HpCDFs (total)	0.0000045	0.000024	0.000038 I	ND(0.00000029)	NA
OCDF	0.0000014 J	0.000011	0.000018	ND(0.00000054)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000021)	ND(0.00000014) X	ND(0.00000020)	ND(0.00000020)	NA
TCDDs (total)	ND(0.00000031)	0.00000027	ND(0.00000020)	0.0000057	NA
1,2,3,7,8-PeCDD	ND(0.00000025)	0.00000040 J	ND(0.00000075)	ND(0.00000022)	NA
PeCDDs (total)	0.00000020	0.0000032 Q	ND(0.00000075)	0.00000067	NA
1,2,3,4,7,8-HxCDD	ND(0.00000026)	0.00000040 J	ND(0.00000034)	ND(0.00000020)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000019) X	0.0000011 J	ND(0.00000036)	ND(0.00000021)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000025)	0.00000086 J	ND(0.00000034)	ND(0.00000020)	NA
HxCDDs (total)	0.00000043	0.0000094	ND(0.00000036)	0.0000054	NA
1,2,3,4,6,7,8-HpCDD	0.0000022 J	0.000012	0.000026	ND(0.00000024)	NA
HpCDDs (total)	0.0000043	0.000023	0.000055	ND(0.00000024)	NA
OCDD	0.000031	0.000098	0.00018	0.0000045	NA
Total TEQs (WHO TEFs)	0.0000011	0.0000048	0.0000030	0.00000031	NA
Inorganics					
Antimony	ND(6.00)	1.20 B	0.910 B	1.20 B	NA
Arsenic	3.00	6.50	5.60	11.0	NA
Barium	12.0 B	23.0	31.0	21.0	NA
Beryllium	0.210 B	0.190 B	0.250 B	0.160 B	NA
Cadmium	0.140 B	0.310 B	0.290 B	0.140 B	NA
Chromium	5.00	6.70	9.50	5.90	NA
Cobalt	5.40	4.60 B	7.90	4.90 B	NA
Copper	9.40	12.0	38.0	14.0	NA
Cyanide	0.0460 B	0.0580 B	0.0480 B	0.0380 B	NA
Lead	5.10	14.0	32.0	6.70	NA
Mercury	ND(0.110)	0.0210 B	0.0310 B	ND(0.120)	NA
Nickel	8.80	9.20	15.0	8.60	NA
Selenium	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Silver	0.230 B	0.300 B	ND(1.00)	ND(1.00)	NA
Sulfide	ND(5.40)	ND(5.60)	560	ND(5.90)	NA
Thallium	ND(1.10)	ND(1.10)	ND(1.20)	ND(1.20)	NA
Tin	2.80 B	6.20 B	4.20 B	3.10 B	NA
Vanadium	4.40 B	12.0	18.0	6.00	NA
Zinc	28.0	35.0	69.0	30.0	NA

TABLE 4
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA 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 C T&E Environmental Services, Inc. and CompuChem Environmental Corporation for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.
6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
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.
* - Indicates laboratory duplicate analysis was outside control limits.

TABLE 5
EPA SOIL SAMPLING DATA FOR PCBs

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Location ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
UB-BH001092-0-0060	RAA10-W-J21	6-15	8/28/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)
UB-BH001133-0-0060	RAA10-N-EE18	6-15	10/2/2003	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.10	0.034	0.15
UB-BH001140-0-0060	RAA10-N-JJ22	6-15	10/16/2003	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.062 J	0.031 J	0.093 J
UB-BH001159-0-0010	RAA10-N-RR10	1-6	10/22/2003	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.026 J	0.026 J
UB-BH001169-0-0030	RAA10-N-N10	3-6	11/13/2003	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	ND(40)	390	390

Notes
1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers
J - Estimated Value.

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

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Location ID:	RAA10-N-OO8	RAA10-N-OO8	RAA10-N-JJ22	RAA10-N-JJZ2	RAA10-N-N10
Sample ID:	UB-BH001146-0-0060	UB-BH001146-0-0130	UB-BH001149-0-0060	UB-BH001149-0-0100	UB-BH001169-0-0030
Sample Depth(Feet)	6-15	13-15	6-15	10-12	3-5
Parameter Date Collected:	10/16/03	10/16/03	10/16/03	10/16/03	11/13/03
Volatile Organics					
1,2,4-Trichlorobenzene	NA	1.1	NA	0.076	12
1,2-Dichlorobenzene	NA	2.8	NA	ND(0.0047)	ND(0.72)
1,3-Dichlorobenzene	NA	7.3	NA	ND(0.0047)	16
1,4-Dichlorobenzene	NA	6.7	NA	ND(0.0047)	21
2-Butanone	NA	R	NA	0.027	R
Acetone	NA	ND(0.79)	NA	0.077 J	0.93
Benzene	NA	0.28 J	NA	ND(0.0047)	ND(0.72)
Carbon Disulfide	NA	ND(0.53)	NA	0.00097 J	ND(0.72)
Chlorobenzene	NA	12	NA	ND(0.0047)	4.5
Chloromethane	NA	ND(0.53) J	NA	0.0011 J	ND(0.72)
Ethylbenzene	NA	0.41 J	NA	ND(0.0047)	ND(0.72)
m&p-Xylene	NA	0.34 J	NA	0.0017 J	0.14 J
Naphthalene	NA	3.1	NA	0.0060	ND(0.72)
o-Xylene	NA	0.11 J	NA	0.0015 J	ND(0.72)
Toluene	NA	ND(0.53)	NA	0.00090 J	ND(0.72)
Trichloroethene	NA	ND(0.53)	NA	0.0011 J	ND(0.72)
Xylenes (total)	NA	0.46 J	NA	0.0032 J	0.15 J
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.35) J	NA	0.22 J	NA	0.54 J
1,2,4-Trichlorobenzene	0.18 J	NA	0.46	NA	20
1,2-Dichlorobenzene	ND(0.35) J	NA	0.78	NA	0.23 J
1,3-Dichlorobenzene	ND(0.35) J	NA	0.074 J	NA	16
1,4-Dichlorobenzene	ND(0.35) J	NA	1.6	NA	22
2-Methylnaphthalene	ND(0.35) J	NA	0.096 J	NA	0.51 J
2-Methylphenol	ND(0.35) J	NA	ND(0.39)	NA	0.16 J
4-Chlorophenyl-phonylether	ND(0.35) J	NA	0.32 J	NA	ND(3.0)
Acenaphthene	ND(0.35) J	NA	ND(0.39)	NA	0.48 J
Acenaphthylene	ND(0.35) J	NA	ND(0.39)	NA	0.14 J
Aniline	ND(0.88) J	NA	ND(0.99)	NA	2.1 J
Anthracene	ND(0.35) J	NA	0.60	NA	1.0 J
Benzo(a)anthracene	ND(0.35) J	NA	0.952 J	NA	1.7 J
Benzo(a)pyrene	ND(0.35) J	NA	ND(0.39)	NA	1.5 J
Benzo(b)fluoranthene	ND(0.35) J	NA	ND(0.39)	NA	1.6 J
Benzo(g,h,i)perylene	ND(0.35) J	NA	ND(0.39)	NA	1.1 J
Benzo(k)fluoranthene	ND(0.35) J	NA	ND(0.39)	NA	1.5 J
Chrysene	ND(0.35) J	NA	0.38 J	NA	1.9 J
Dibenzo(a,h)anthracene	ND(0.35) J	NA	ND(0.39)	NA	0.41 J
Dibenzofuran	ND(0.35) J	NA	0.78	NA	0.58 J
Fluoranthene	ND(0.35) J	NA	0.041 J	NA	5.3
Fluorene	ND(0.35) J	NA	0.030 J	NA	0.97 J
Hexachlorobenzene	ND(0.35) J	NA	0.035 J	NA	ND(3.0)
Hexachlorobutadiene	ND(0.35) J	NA	0.034 J	NA	ND(3.0)
Indeno(1,2,3-cd)pyrene	ND(0.35) J	NA	ND(0.39)	NA	1.0 J
Naphthalene	0.017 J	NA	1.4	NA	0.99 J
Pentachlorobenzene	ND(0.35) J	NA	0.032 J	NA	0.96 J
Phenanthrene	ND(0.35) J	NA	0.14 J	NA	4.8
Phenol	ND(0.35) J	NA	0.084 J	NA	0.91 J
Pyrene	ND(0.35) J	NA	0.019 J	NA	4.3
Pyridine	ND(0.35) J	NA	0.056 J	NA	ND(3.0)
Inorganics					
Antimony	0.050	NA	NA	NA	1.10
Arsenic	4.30	NA	NA	NA	40.8
Barium	24.0	NA	NA	NA	75.8
Beryllium	0.220	NA	NA	NA	0.480
Cadmium	0.160	NA	NA	NA	0.860
Chromium	5.90	NA	NA	NA	25.8
Cobalt	6.30	NA	NA	NA	5.50
Copper	14.0	NA	NA	NA	110
Lead	5.70	NA	NA	NA	455
Mercury	ND(0.0180)	NA	NA	NA	12.5
Nickel	10.8	NA	NA	NA	25.0
Selenium	0.640	NA	NA	NA	0.530
Thallium	ND(0.320)	NA	NA	NA	0.740
Tin	ND(0.550)	NA	NA	NA	5.90
Vanadium	6.00	NA	NA	NA	68.9
Zinc	37.3 J	NA	NA	NA	240 J

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

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR THE UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. Only those constituents detected in one or more samples are summarized.
3. NA - Not Analyzed
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Organics (volatiles, semivolatiles, herbicides)
J - Estimated Value.
R - Rejected.

Inorganics
J - Estimated Value.

TABLE 7
ADDITIONAL PROPOSED PCB SOIL SAMPLING LOCATIONS AND DEPTHS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	SAMPLE DEPTH
NORTH AREA		
Two Inundated (Palustrine/Emergent) Wetlands		
RAA10-N-KL18.5	KL18.5	0-1 ft
RAA10-N-L16.5	L16.5	0-1 ft
RAA10-N-L17	L17	0-1 ft
RAA10-N-L17.5	L17.5	0-1 ft
RAA10-N-L18	L18	0-1 ft
RAA10-N-L18.5	L18.5	0-1 ft
RAA10-N-L19	L19	0-1 ft
RAA10-N-L19.5	L19.5	0-1 ft
RAA10-N-LM16	LM16	0-1 ft
RAA10-N-LM16.5	LM16.5	0-1 ft
RAA10-N-LM17	LM17	0-1 ft
RAA10-N-LM17.5	LM17.5	0-1 ft
RAA10-N-LM18	LM18	0-1 ft
RAA10-N-LM18.5	LM18.5	0-1 ft
RAA10-N-LM19	LM19	0-1 ft
RAA10-N-LM19.5	LM19.5	0-1 ft
RAA10-N-LM20	LM20	0-1 ft
RAA10-N-M15.5	M15.5	0-1 ft
RAA10-N-M16.5	M16.5	0-1 ft
RAA10-N-M17	M17	0-1 ft
RAA10-N-M17.5	M17.5	0-1 ft
RAA10-N-M18.5	M18.5	0-1 ft
RAA10-N-M19	M19	0-1 ft
RAA10-N-M19.5	M19.5	0-1 ft
RAA10-N-M20.5	M20.5	0-1 ft
RAA10-N-MN15.5	MN15.5	0-1 ft
RAA10-N-MN16	MN16	0-1 ft
RAA10-N-MN16.5	MN16.5	0-1 ft
RAA10-N-MN17	MN17	0-1 ft
RAA10-N-MN17.5	MN17.5	0-1 ft
RAA10-N-MN18	MN18	0-1 ft
RAA10-N-MN18.5	MN18.5	0-1 ft
RAA10-N-MN19	MN19	0-1 ft
RAA10-N-MN19.5	MN19.5	0-1 ft
RAA10-N-MN20	MN20	0-1 ft
RAA10-N-MN20.5	MN20.5	0-1 ft
RAA10-N-MN21	MN21	0-1 ft
RAA10-N-N16.5	N16.5	0-1 ft
RAA10-N-N17	N17	0-1 ft
RAA10-N-N17.5	N17.5	0-1 ft
RAA10-N-N19	N19	0-1 ft
RAA10-N-N19.5	N19.5	0-1 ft
RAA10-N-N20	N20	0-1 ft
RAA10-N-N20.5	N20.5	0-1 ft

TABLE 7
ADDITIONAL PROPOSED PCB SOIL SAMPLING LOCATIONS AND DEPTHS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

SAMPLE ID	GRID COORDINATE	SAMPLE DEPTH
RAA10-N-N21	N21	0-1 ft
RAA10-N-NO16.5	NO16.5	0-1 ft
RAA10-N-NO17	NO17	0-1 ft
RAA10-N-NO17.5	NO17.5	0-1 ft
RAA10-N-NO19.5	NO19.5	0-1 ft
RAA10-N-NO20	NO20	0-1 ft
RAA10-N-NO20.5	NO20.5	0-1 ft
RAA10-N-NO21	NO21	0-1 ft
RAA10-N-NO21.5	NO21.5	0-1 ft
RAA10-N-O20.5	O20.5	0-1 ft
RAA10-N-O21	O21	0-1 ft
RAA10-N-O21.5	O21.5	0-1 ft
RAA10-N-OP20	OP20	0-1 ft
RAA10-N-OP20.5	OP20.5	0-1 ft
RAA10-N-OP21	OP21	0-1 ft
RAA10-N-OP21.5	OP21.5	0-1 ft
RAA10-N-OP22	OP22	0-1 ft
RAA10-N-P20	P20	0-1 ft
RAA10-N-P20.5	P20.5	0-1 ft
RAA10-N-P21	P21	0-1 ft
RAA10-N-P21.5	P21.5	0-1 ft
RAA10-N-P22	P22	0-1 ft
RAA10-N-P22.5	P22.5	0-1 ft
RAA10-N-PQ20	PQ20	0-1 ft
RAA10-N-PQ20.5	PQ20.5	0-1 ft
RAA10-N-PQ21	PQ21	0-1 ft
RAA10-N-PQ21.5	PQ21.5	0-1 ft
RAA10-N-PQ22	PQ22	0-1 ft
RAA10-N-PQ22.5	PQ22.5	0-1 ft
RAA10-N-Q20.5	Q20.5	0-1 ft
RAA10-N-Q21	Q21	0-1 ft
RAA10-N-Q21.5	Q21.5	0-1 ft
RAA10-N-Q22.5	Q22.5	0-1 ft
RAA10-N-QR20.5	QR20.5	0-1 ft
RAA10-N-QR21	QR21	0-1 ft
RAA10-N-QR21.5	QR21.5	0-1 ft
RAA10-N-QR22	QR22	0-1 ft
RAA10-N-QR22.5	QR22.5	0-1 ft
RAA10-N-R21	R21	0-1 ft
RAA10-N-R21.5	R21.5	0-1 ft
RAA10-N-R22	R22	0-1 ft
RAA10-N-R22.5	R22.5	0-1 ft
RAA10-N-RS21	RS21	0-1 ft
RAA10-N-RS21.5	RS21.5	0-1 ft

TABLE 7
ADDITIONAL PROPOSED PCB SOIL SAMPLING LOCATIONS AND DEPTHS

INTERIM PRE-DESIGN INVESTIGATION REPORT FOR UNKAMET BROOK AREA REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

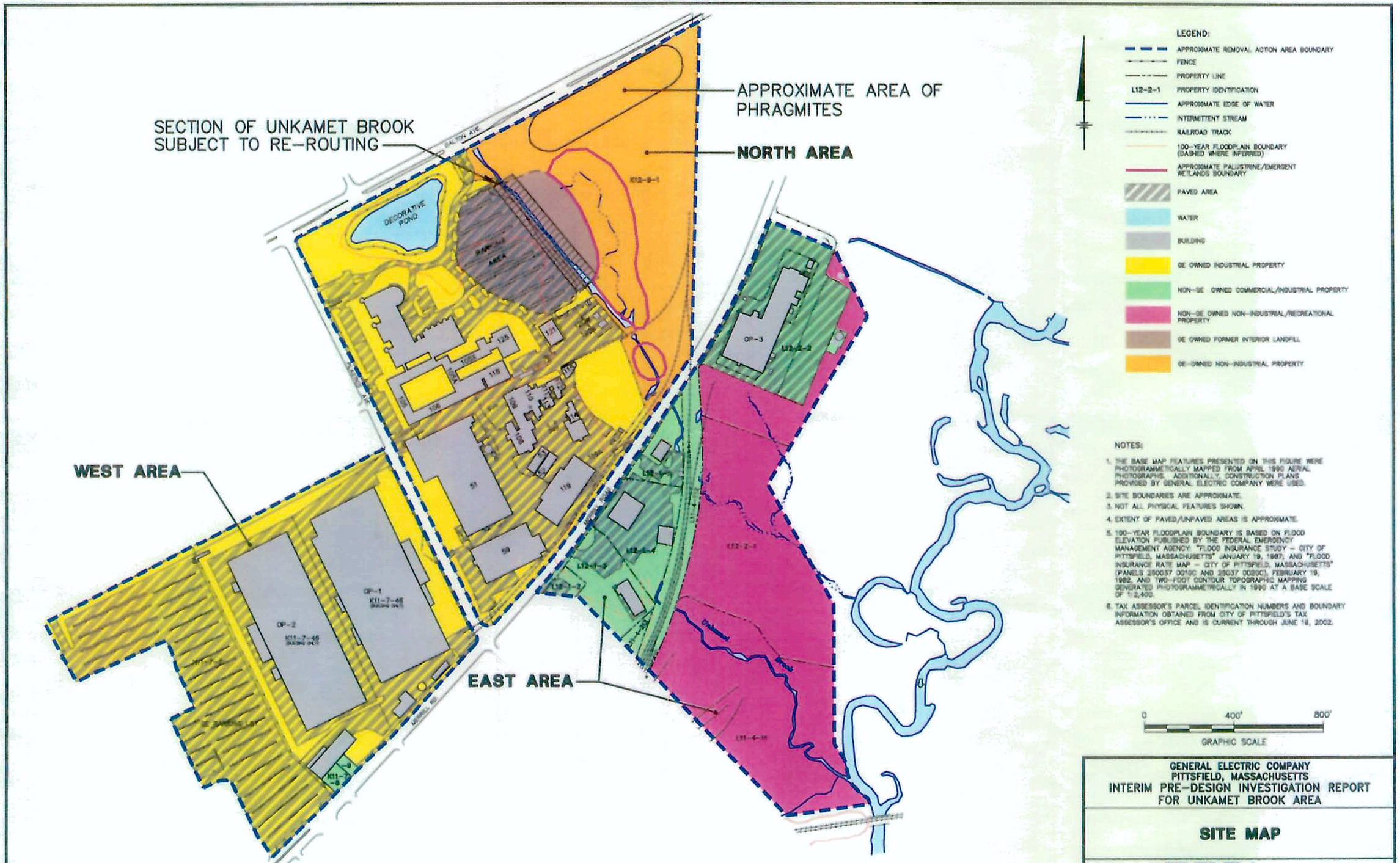
SAMPLE ID	GRID COORDINATE	SAMPLE DEPTH
RAA10-N-RS22	RS22	0-1 ft
RAA10-N-RS22.5	RS22.5	0-1 ft
RAA10-N-RS23	RS23	0-1 ft
RAA10-N-S21.5	S21.5	0-1 ft
RAA10-N-S22.5	S22.5	0-1 ft
RAA10-N-S23	S23	0-1 ft
RAA10-N-ST21.5	ST21.5	0-1 ft
RAA10-N-ST22	ST22	0-1 ft
RAA10-N-ST22.5	ST22.5	0-1 ft
RAA10-N-ST23	ST23	0-1 ft
RAA10-N-T21.5	T21.5	0-1 ft
RAA10-N-T22	T22	0-1 ft
RAA10-N-T22.5	T22.5	0-1 ft
RAA10-N-T23	T23	0-1 ft
RAA10-N-TU21.5	TU21.5	0-1 ft
RAA10-N-TU22	TU22	0-1 ft
RAA10-N-TU22.5	TU22.5	0-1 ft
RAA10-N-TU23	TU23	0-1 ft
RAA10-N-U21.5	U21.5	0-1 ft
RAA10-N-U22.5	U22.5	0-1 ft
RAA10-N-U23	U23	0-1 ft
RAA10-N-UV21.5	UV21.5	0-1 ft
RAA10-N-UV22	UV22	0-1 ft
RAA10-N-UV22.5	UV22.5	0-1 ft
RAA10-N-UV23	UV23	0-1 ft
RAA10-N-V21.5	V21.5	0-1 ft
RAA10-N-V22	V22	0-1 ft
RAA10-N-V22.5	V22.5	0-1 ft
RAA10-N-VW21.5	VW21.5	0-1 ft
RAA10-N-VW22	VW22	0-1 ft
RAA10-N-VW22.5	VW22.5	0-1 ft
RAA10-N-VW23	VW23	0-1 ft
RAA10-N-W21.5	W21.5	0-1 ft
RAA10-N-W22.5	W22.5	0-1 ft
RAA10-N-W23	W23	0-1 ft
GE-Owned Commercial/Industrial Property		
Paved		
RAA10-N-X19	X19	0-1 ft 1-6 ft
RAA10-N-AA19	AA19	0-1 ft 1-6 ft
RAA10-N-BB21	BB21	0-1 ft 1-6 ft
RAA10-N-CC18	CC18	0-1 ft 1-6 ft
RAA10-N-JJ19	JJ19	0-1 ft 1-6 ft
Unpaved		
RAA10-N-M9	M9	1-3 ft 3-6 ft

Notes:

1. This table identifies additional proposed soil samples to be collected and analyzed for PCBs in the Unkamet Brook Area.

Figures

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



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
INTERIM PRE-DESIGN INVESTIGATION REPORT
FOR UNKAMET BROOK AREA

SITE MAP

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

FIGURE
1

X: 401900?-401900?
IMAN. AREA-RAA
P: PAGESET/PLT-BL
2/17/04 SYR-85-SOL
N:/401900?5/UNKAMET/401908?0.DWG

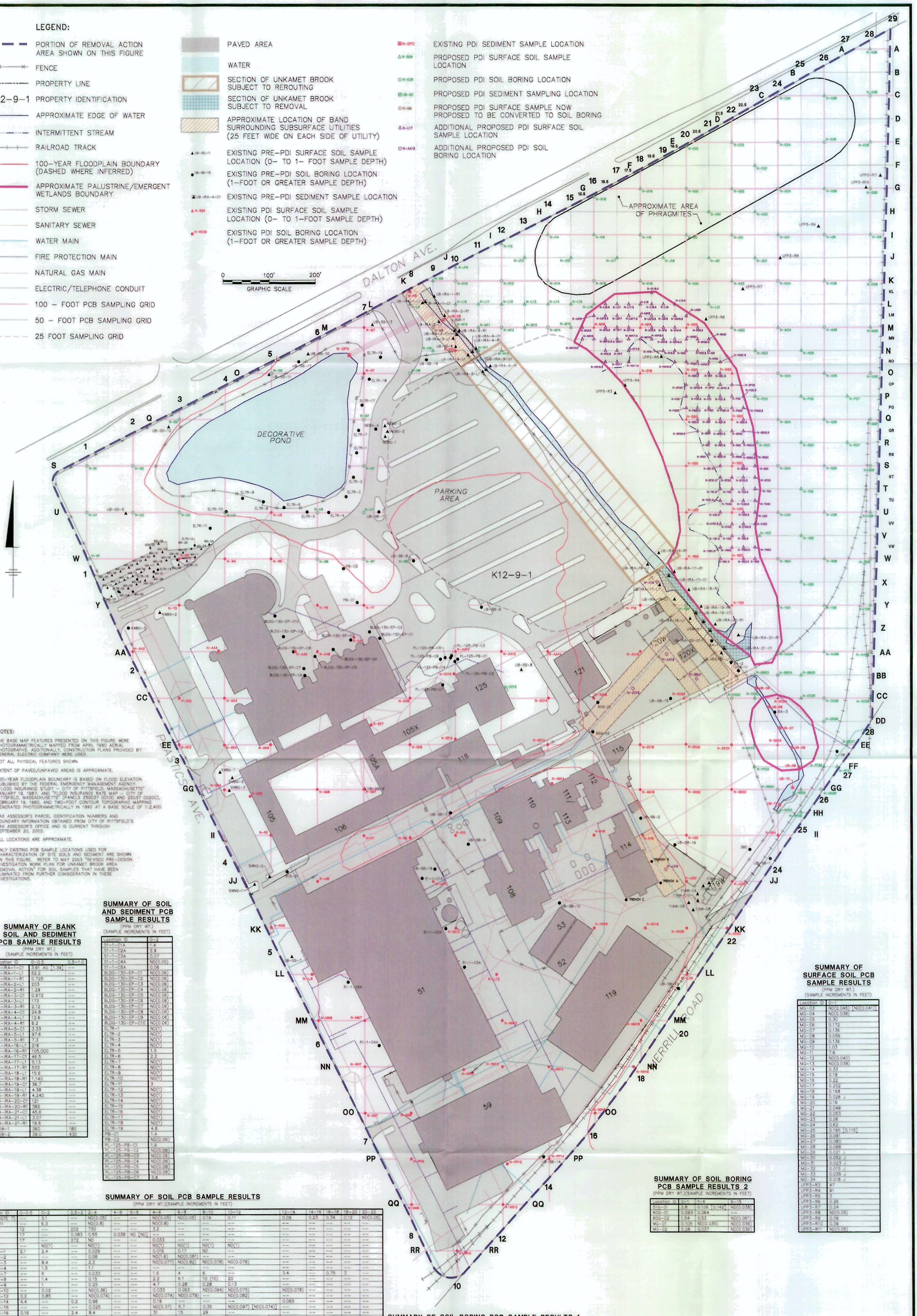
LEGEND:

- PORTION OF REMOVAL ACTION AREA SHOWN ON THIS FIGURE
- FENCE
- PROPERTY LINE
- K12-9-1 PROPERTY IDENTIFICATION
- APPROXIMATE EDGE OF WATER
- INTERMITTENT STREAM
- RAILROAD TRACK
- 100-YEAR FLOODPLAIN BOUNDARY (DASHED WHERE INFERRED)
- APPROXIMATE PALUSTRINE/EMERGENT WETLANDS BOUNDARY
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- FIRE PROTECTION MAIN
- NATURAL GAS MAIN
- ELECTRIC/TELEPHONE CONDUIT
- 100 - FOOT PCB SAMPLING GRID
- 50 - FOOT PCB SAMPLING GRID
- 25 FOOT SAMPLING GRID

- PAVED AREA
- WATER
- SECTION OF UNKAMET BROOK SUBJECT TO REROUTING
- SECTION OF UNKAMET BROOK SUBJECT TO REMOVAL
- APPROXIMATE LOCATION OF BAND SURROUNDING SUBSURFACE UTILITIES (25 FEET WIDE ON EACH SIDE OF UTILITY)
- EXISTING PRE-PDI SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- EXISTING PRE-PDI SOIL BORING LOCATION (1-FOOT OR GREATER SAMPLE DEPTH)
- EXISTING PRE-PDI SEDIMENT SAMPLE LOCATION
- EXISTING PDI SURFACE SOIL SAMPLE LOCATION (0- TO 1-FOOT SAMPLE DEPTH)
- EXISTING PDI SOIL BORING LOCATION (1-FOOT OR GREATER SAMPLE DEPTH)

- EXISTING PDI SEDIMENT SAMPLE LOCATION
- PROPOSED PDI SURFACE SOIL SAMPLE LOCATION
- PROPOSED PDI SOIL BORING LOCATION
- PROPOSED PDI SEDIMENT SAMPLING LOCATION
- PROPOSED PDI SURFACE SAMPLE NOW PROPOSED TO BE CONVERTED TO SOIL BORING
- ADDITIONAL PROPOSED PDI SURFACE SOIL SAMPLE LOCATION
- ADDITIONAL PROPOSED PDI SOIL BORING LOCATION

0 100' 200'
GRAPHIC SCALE



NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. ADDITIONALLY, CONSTRUCTION PLANS PROVIDED BY GENERAL ELECTRIC COMPANY WERE USED.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
4. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON FLOOD ELEVATION PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS" JANUARY 19, 1987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 25037 0020C), FEBRUARY 19, 1982, AND TWO-FOOT CONTOUR TOPOGRAPHIC MAPPING GENERATED PHOTOGRAMMETRICALLY IN 1990 AT A BASE SCALE OF 1:2,400.
5. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 20, 2002.
6. ALL LOCATIONS ARE APPROXIMATE.
7. ONLY EXISTING PCB SAMPLE LOCATIONS USED FOR CHARACTERIZATION OF SITE SOILS AND SEDIMENT ARE SHOWN ON THIS FIGURE. REFER TO MAY 2003 "REVISED PRE-DESIGN INVESTIGATION WORK PLAN FOR UNKAMET BROOK AREA REMOVAL ACTION" FOR SOIL SAMPLES THAT HAVE BEEN ELIMINATED FROM FURTHER CONSIDERATION IN THESE INVESTIGATIONS.

SUMMARY OF BANK SOIL AND SEDIMENT PCB SAMPLE RESULTS
(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0.5-1.0
UB-RA-1-C1	3.61 AG [1.39]	--
UB-RA-1-L1	52.2	--
UB-RA-1-R1	0.725	--
UB-RA-2-L1	203	--
UB-RA-2-R1	1.29	--
UB-RA-3-C1	0.972	--
UB-RA-3-L1	173	--
UB-RA-3-R1	2.12	--
UB-RA-4-C1	24.8	--
UB-RA-4-L1	12.6	--
UB-RA-4-R1	6.2	--
UB-RA-5-C1	3.33	--
UB-RA-5-L1	97.6	--
UB-RA-5-R1	7.3	--
UB-RA-16-L1	216	--
UB-RA-16-R1	105,000	--
UB-RA-17-C1	46.5	--
UB-RA-17-L1	5.13	--
UB-RA-17-R1	532	--
UB-RA-18-L1	15.6	--
UB-RA-18-R1	1,140	--
UB-RA-19-C1	36.7	--
UB-RA-19-L1	4.38	--
UB-RA-19-R1	4,240	--
UB-RA-20-C1	121	--
UB-RA-20-R1	382	--
UB-RA-21-C1	45.6	--
UB-RA-21-L1	3.07	--
UB-RA-21-R1	19.6	--
USW-1	360	180
USW-2	39.0	430

SUMMARY OF SOIL AND SEDIMENT PCB SAMPLE RESULTS
(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	0-2
S1-1-C1A	1.4
S1-1-C2A	2.9
S1-1-C3A	0.07
S1-1-C4A	ND(0.05)
S1-1-C5A	0.06
BLDG-130-EP-C1	ND(0.06)
BLDG-130-EP-C2	ND(0.06)
BLDG-130-EP-C3	ND(0.06)
BLDG-130-EP-C4	ND(0.06)
BLDG-130-EP-C5	ND(0.06)
BLDG-130-EP-C6	ND(0.06)
BLDG-130-EP-C7	ND(0.06)
BLDG-130-EP-C8	ND(0.06)
BLDG-130-EP-C9	ND(0.06)
BLDG-130-EP-C10	ND(0.06)
ELTR-1	ND(1)
ELTR-2	ND(1)
ELTR-3	ND(1)
ELTR-4	ND(1)
ELTR-5	1.5
ELTR-6	2.2
ELTR-7	ND(1)
ELTR-8	ND(1)
ELTR-9	ND(1)
ELTR-10	ND(1)
ELTR-11	3
ELTR-12	ND(1)
ELTR-13	ND(1)
ELTR-14	ND(1)
ELTR-15	ND(1)
ELTR-16	ND(1)
ELTR-17	ND(1)
ELTR-18	ND(1)
ELTR-19	4.8
PB-C1	1.4
PB-C2	ND(0.06)
PL-125-PB-C1	1.9
PL-125-PB-C2	ND(0.06)
PL-125-PB-C3	ND(0.06)
PL-125-PB-C4	ND(0.06)
PL-125-PB-C5	ND(0.06)
PL-125-PB-C6	ND(0.06)
PL-125-PB-C7	3.8

SUMMARY OF SURFACE SOIL PCB SAMPLE RESULTS
(PPM DRY WT.)
(SAMPLE INCREMENTS IN FEET)

Location ID	0-1
MG-03	ND(0.045) [ND(0.041)]
MG-04	ND(0.038)
MG-05	0.30
MG-06	0.172
MG-07	0.136
MG-08	0.056
MG-09	0.136
MG-10	1.03
MG-11	7.6
MG-12	ND(0.040)
MG-13	ND(0.038)
MG-14	0.33
MG-15	0.18
MG-16	0.22
MG-17	0.252
MG-18	0.158
MG-19	0.026 J
MG-20	0.16
MG-21	0.049
MG-22	0.053
MG-23	0.26
MG-24	0.62
MG-25	0.195 [0.115]
MG-26	0.091
MG-27	0.080
MG-28	0.068
MG-29	0.021 J
MG-30	0.052 J
MG-31	0.023 J
MG-32	0.015 J
MG-33	0.035 J
MG-34	0.018 J
UFP3-R3	47
UFP3-R4	91
UFP3-R5	3
UFP3-R6	0.28
UFP3-R7	0.24
UFP3-R8	ND(0.06)
UFP3-R9	0.09
UFP3-R10	0.09
UFP3-R11	ND(0.06)

SUMMARY OF SOIL PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0-2	0.5-2	2-4	4-5	5-6	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22
390 (NOTE 7)	--	3.1	--	ND(0.05)	--	--	ND(0.05)	ND(0.05)	0.19	0.11	0.09	0.23	0.34	0.12	ND(0.06)
120W-11	--	6.3	--	ND(0.8)	--	--	ND(0.8)	--	--	--	--	--	--	--	--
BA-1	12	--	202	730	--	--	3.2	--	--	--	--	--	--	--	--
BA-2	17	--	0.083	0.58	0.038	ND [ND]	--	--	--	--	--	--	--	--	--
BA-3	17	--	272	ND	--	--	0.033	--	--	--	--	--	--	--	--
L-38	--	ND(1)	--	ND(1)	--	--	ND(1)	ND(1)	ND(1)	ND(1)	--	--	--	--	--
UB-SB-1	2.1	2.4	--	0.029	--	--	0.016	0.17	ND	--	--	--	--	--	--
UB-SB-2	--	--	--	0.08	--	--	ND(1.6)	ND(0.081)	--	--	--	--	--	--	--
UB-SB-3	--	8.4	--	2.3	--	--	ND(0.077)	ND(0.82)	ND(0.078)	ND(0.078)	--	--	--	--	--
UB-SB-4	--	1.5	--	1.1	--	--	--	--	--	--	--	--	--	--	--
UB-SB-7	--	6	--	0.033	--	--	1.9	4	6	--	3.4	--	0.75	3	--
UB-SB-8	--	1.4	--	0.15	--	--	2.2	6.1	10 (10)	20	--	--	--	--	--
UB-SB-9	--	1	--	0.25	--	--	4.7	0.28	0.28	0.13	--	--	--	--	--
UB-SB-10	--	0.02	--	ND(0.36)	--	--	0.033	0.063	ND(0.094)	ND(0.075)	ND(0.078)	--	--	--	--
UB-SB-12	0.2	0.85	--	ND(0.074)	--	--	ND(0.074)	ND(0.079)	--	ND(0.082)	--	--	--	--	--
UB-SB-14	4.4	--	0.2	0.96	--	--	0.19	--	--	--	0.065	--	--	--	--
UB-SB-15	--	--	--	0.025	--	--	ND(0.37)	5.7	0.35	ND(0.097) [ND(0.074)]	--	--	--	--	--
UB-SB-16	0.16	--	2.4	8.4	--	--	31	15	29	--	--	--	--	--	--
UB-SB-17	3.8	--	5.7	61	--	--	--	4.9	--	--	--	--	--	--	--
UB-SB-18	--	--	3.2	--	--	--	--	--	--	--	--	--	--	--	--
UB-SB-19	--	0.47 [0.36]	--	0.65	--	--	2.51	2.5	--	0.093	--	--	--	--	--
UB-SS-5	0.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-6	0.59 P	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-7	0.54 P	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-8	0.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-9	0.3 P	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-10	4.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-11	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-12	0.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UB-SS-13	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 2
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-1	1-6	6-15
51G-01	2.8	0.106 [0.142]	ND(0.038)
60G-01	0.093	0.064	--
60G-02	1.54	0.53	ND(0.061)
MG-01	0.105	ND(0.035)	ND(0.036)
MG-02	0.28	0.037	ND(0.036)

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS 1
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0-0.67	0-1	0-1.5	0-2	0.5-1.5	3.5-4.5
119W-C2	ND(2)	--	--	--	--	--	--
119W-C4	3.7	--	--	--	--	--	--
119W-C6	3.2	--	--	--	--	--	--
119W-C8	1.6	--	--	--	--	--	--
119W-C10	ND(0.05)	--	--	--	--	--	--
119W-C12	8.8	--	--	--	--	--	--
NEBG-1	--	--	ND(1)	--	--	--	--
NEBG-2	--	--	ND(1)	--	--	--	--
NEBG-3	--	--	ND(1)	--	--	--	--
NEBG-4	--	--	--	ND(1)	--	--	--
NWBG-2	--	1.5	--	--	--	--	--
NWBG-3	--	--	--	--	ND(1.0)	--	--
SWBG-1	--	2.2	--	--	--	--	--
SWBG-2	--	ND(1)	--	--	--	--	--
SWBG-3	--	8.3	--	--	--	--	--
SWNG-1	ND(1)	--	--	--	--	--	--
SWNG-2	ND(1)	--	--	--	--	--	--
TRENCH A	--	--	--	--	--	100	3.1
TRENCH B	--	--	--	--	--	340	0.08
TRENCH E	--	--	--	--	--	ND(0.4)	ND(0.4)

TABLE NOTES:
1. -- = No sample collected.
2. ND(0.05) = Not detected. Detection limit in parentheses. (if available).
3. [0.076] = Duplicate analysis result shown in brackets.
4. AG = Aroclor 1260 was reported by Northeast Analytical Services as the best Aroclor match. The sample exhibits an altered PCB pattern.
5. P = The analyte is detected in the sample. The percent differences calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.
6. J = The analyte was detected and is considered an estimated value.
7. Boring 390 extends to 68 feet bgs.
8. Only data collected prior to pre-design activites are included in tables.

X: 40190X01,X02,X04,X05.DWG
P: PAGESET/PLT-DP
2/17/04 SYR-85-DMW LAF SDL
N/40190025/UNKAMET/INTERIM/40190B02.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
INTERIM PRE-DESIGN INVESTIGATION (PDI) REPORT
FOR UNKAMET BROOK AREA

NORTH AREA - EXISTING AND PROPOSED PCB CHARACTERIZATION LOCATIONS

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

FIGURE 2

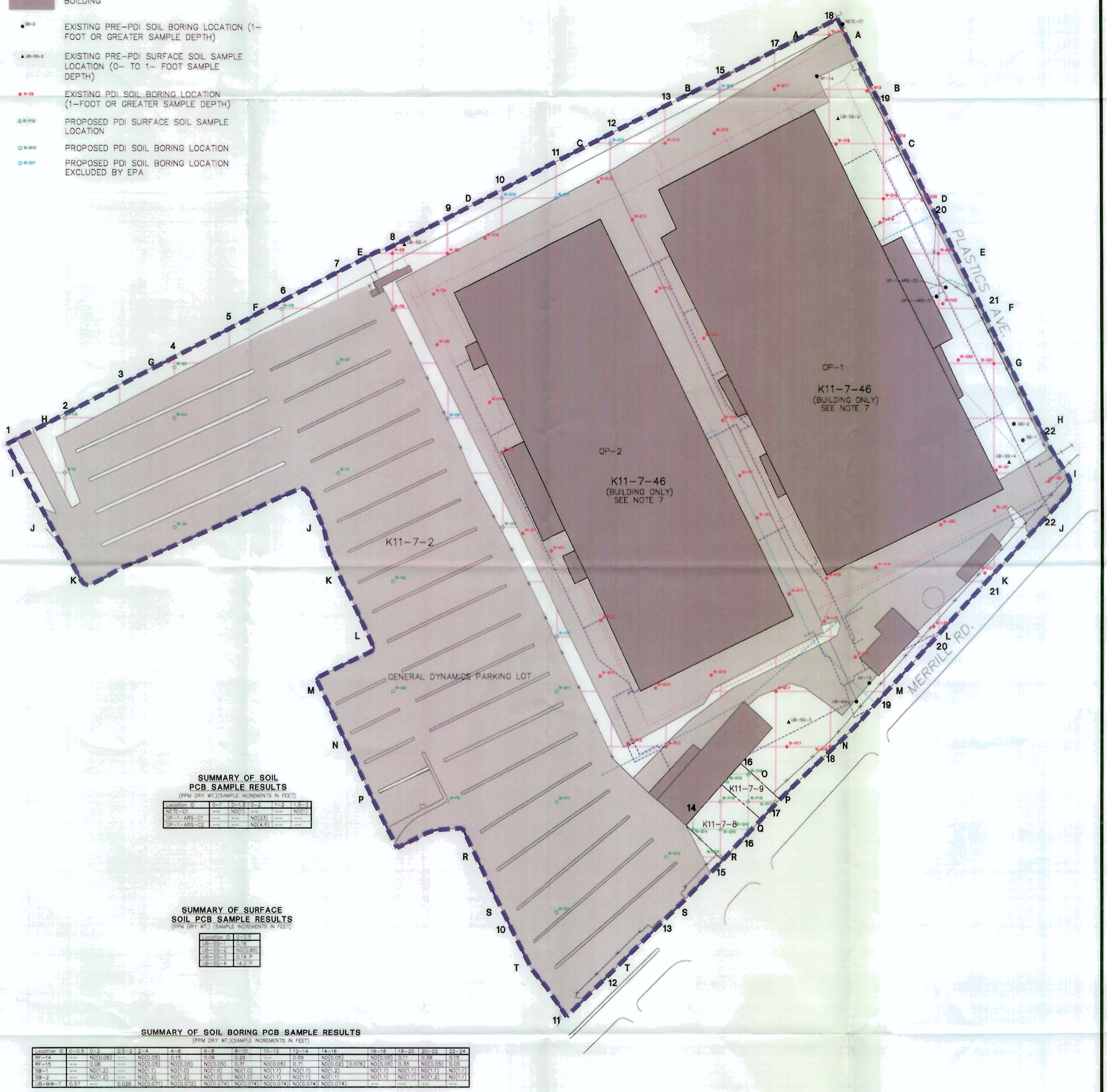
LEGEND:

- PORTION OF REMOVAL ACTION AREA SHOWN ON THIS FIGURE
- FENCE
- PROPERTY LINE
- K11-7-8 PROPERTY IDENTIFICATION
- RAILROAD TRACK
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- FIRE PROTECTION MAIN
- NATURAL GAS MAIN
- ELECTRIC/TELEPHONE CONDUIT
- 100-FOOT PCB SAMPLING GRID
- 50-FOOT PCB SAMPLING GRID
- PAVED AREA
- BUILDING
- EXISTING PRE-PDI SOIL BORING LOCATION (1-FOOT OR GREATER SAMPLE DEPTH)
- EXISTING PRE-PDI SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- EXISTING PDI SOIL BORING LOCATION (1-FOOT OR GREATER SAMPLE DEPTH)
- PROPOSED PDI SURFACE SOIL SAMPLE LOCATION
- PROPOSED PDI SOIL BORING LOCATION
- PROPOSED PDI SOIL BORING LOCATION EXCLUDED BY EPA

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS. ADDITIONALLY, CONSTRUCTION PLANS PROVIDED BY GENERAL ELECTRIC COMPANY WERE USED.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
4. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 20, 2002.
5. ALL LOCATIONS ARE APPROXIMATE.
6. ONLY EXISTING PCB SAMPLE LOCATIONS USED FOR CHARACTERIZATION OF SITE SOILS ARE SHOWN. REFER TO MAY 2003 "REVISED PRE-DESIGN INVESTIGATION WORK PLAN FOR UNKAMET BROOK AREA REMOVAL ACTION" FOR SOIL SAMPLES THAT HAVE BEEN ELIMINATED FROM FURTHER CONSIDERATION IN THESE INVESTIGATIONS.
7. BUILDINGS OP-1 AND OP-2 MAKE-UP PARCEL K11-7-46 WHILE THE LAND THESE BUILDINGS ARE CONSTRUCTED ON IS PART OF PARCEL K11-7-2.

0 100' 200'
GRAPHIC SCALE



SUMMARY OF SOIL PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-1	0-1.5	0-2	1-2	1.5-3
NFTF-C1	---	ND(1)	---	---	ND(1)
OP-1-ARS-C1	---	---	ND(2.3)	---	---
OP-1-ARS-C2	---	---	ND(4.5)	---	---

SUMMARY OF SURFACE SOIL PCB SAMPLE RESULTS
(PPM DRY WT.) (SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5
UB-SS-1	0.16
UB-SS-2	ND(0.85)
UB-SS-3	0.14 P
UB-SS-4	4.0 P

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0-2	0.5-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24
RF-14	---	ND(0.06)	---	ND(0.05)	0.15	0.06	0.29	---	0.05	ND(0.05)	ND(0.05)	0.11	0.38	0.15
RF-15	---	0.06	---	ND(0.05)	ND(0.05)	ND(0.05)	0.31	ND(0.05)	0.71	ND(0.02) [0.076]	ND(0.05)	0.35	ND(0.05)	0.05
SB-1	---	ND(1.2)	---	ND(1.1)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)	ND(1.2)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
SB-2	---	ND(1.2)	---	ND(1.2)	ND(1.2)	ND(1.0)	ND(1.0)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.2)	ND(1.1)
UB-MW-7	0.57	---	0.026	ND(0.071)	ND(0.072)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)	---	---	---	---

TABLE NOTES:
1. --- = No sample collected.
2. ND(0.05) = Not detected. Detection limit in parenthesis. (If available).
3. [0.076] = Duplicate analysis result shown in brackets.

X: 40190X01,X02,X04,X05.DWG
P: PAGESET/PLT-B2DP
2/17/04 SYR-85-SDL DJP SDL
N/40190025/UNKAMET/INTERIM/40190B03.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
INTERIM PRE-DESIGN INVESTIGATION (PDI) REPORT
FOR UNKAMET BROOK AREA

WEST AREA - EXISTING AND PROPOSED PCB CHARACTERIZATION LOCATIONS

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

FIGURE 3

LEGEND:

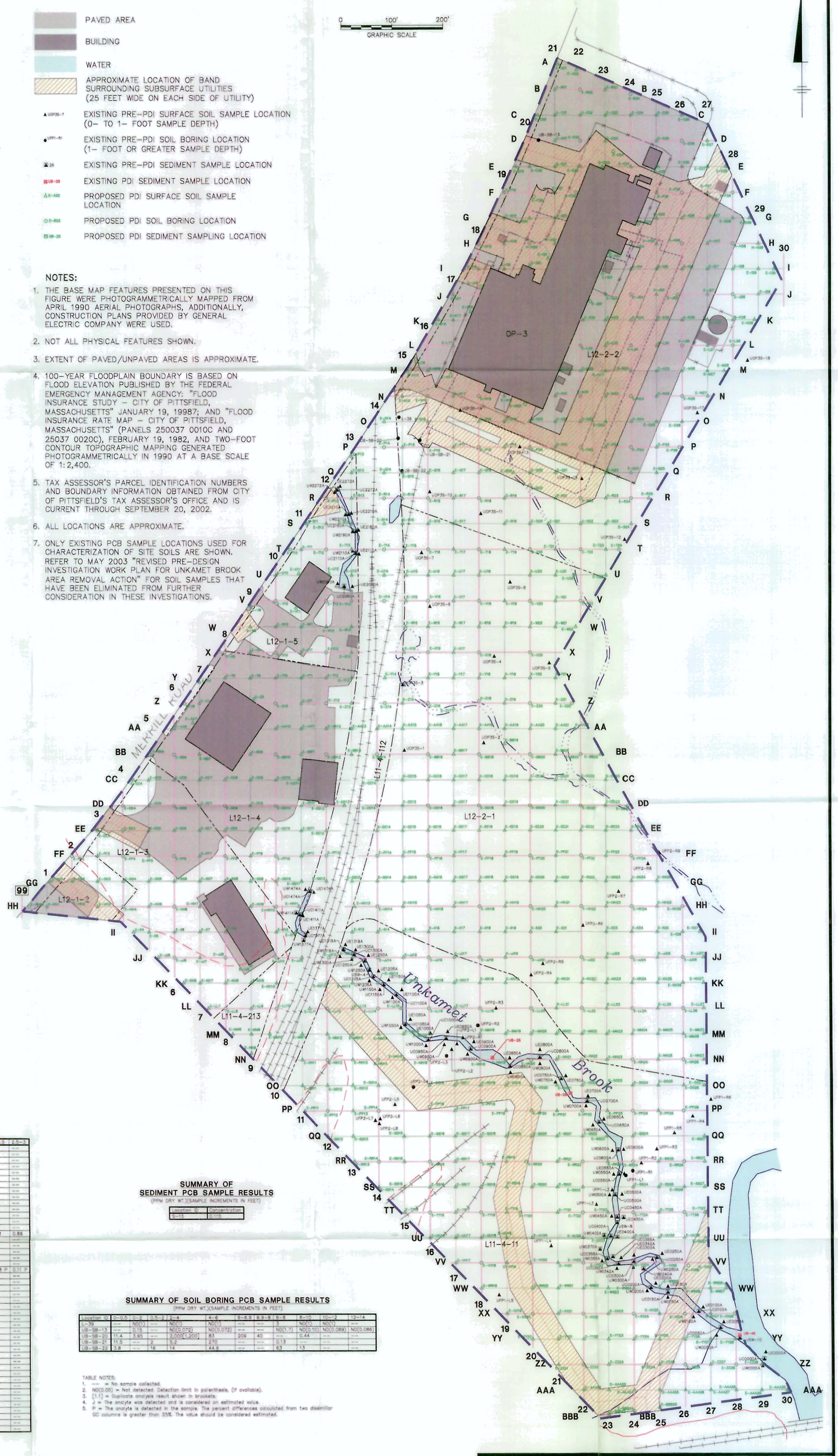
- PORTION OF REMOVAL ACTION AREA SHOWN ON THIS FIGURE
- FENCE
- PROPERTY LINE
- L12-2-1 PROPERTY IDENTIFICATION
- APPROXIMATE EDGE OF WATER
- INTERMITTENT STREAM
- RAILROAD TRACK
- 100-YEAR FLOODPLAIN BOUNDARY (DASHED WHERE INFERRED)
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- FIRE PROTECTION MAIN
- NATURAL GAS MAIN
- ELECTRIC/TELEPHONE CONDUIT
- 100 - FOOT PCB SAMPLING GRID
- 50 - FOOT PCB SAMPLING GRID

- PAVED AREA
- BUILDING
- WATER
- APPROXIMATE LOCATION OF BAND SURROUNDING SUBSURFACE UTILITIES (25 FEET WIDE ON EACH SIDE OF UTILITY)
- EXISTING PRE-PDI SURFACE SOIL SAMPLE LOCATION (0- TO 1- FOOT SAMPLE DEPTH)
- EXISTING PRE-PDI SOIL BORING LOCATION (1- FOOT OR GREATER SAMPLE DEPTH)
- EXISTING PRE-PDI SEDIMENT SAMPLE LOCATION
- EXISTING PDI SEDIMENT SAMPLE LOCATION
- PROPOSED PDI SURFACE SOIL SAMPLE LOCATION
- PROPOSED PDI SOIL BORING LOCATION
- PROPOSED PDI SEDIMENT SAMPLING LOCATION

NOTES:

1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAMMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS, ADDITIONALLY, CONSTRUCTION PLANS PROVIDED BY GENERAL ELECTRIC COMPANY WERE USED.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. EXTENT OF PAVED/UNPAVED AREAS IS APPROXIMATE.
4. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON FLOOD ELEVATION PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY - CITY OF PITTSFIELD, MASSACHUSETTS" JANUARY 19, 19987; AND "FLOOD INSURANCE RATE MAP - CITY OF PITTSFIELD, MASSACHUSETTS" (PANELS 250037 0010C AND 25037 0020C), FEBRUARY 19, 1982, AND TWO-FOOT CONTOUR TOPOGRAPHIC MAPPING GENERATED PHOTOGRAMMETRICALLY IN 1990 AT A BASE SCALE OF 1:2,400.
5. TAX ASSESSOR'S PARCEL IDENTIFICATION NUMBERS AND BOUNDARY INFORMATION OBTAINED FROM CITY OF PITTSFIELD'S TAX ASSESSOR'S OFFICE AND IS CURRENT THROUGH SEPTEMBER 20, 2002.
6. ALL LOCATIONS ARE APPROXIMATE.
7. ONLY EXISTING PCB SAMPLE LOCATIONS USED FOR CHARACTERIZATION OF SITE SOILS ARE SHOWN. REFER TO MAY 2003 "REVISED PRE-DESIGN INVESTIGATION WORK PLAN FOR UNKAMET BROOK AREA REMOVAL ACTION" FOR SOIL SAMPLES THAT HAVE BEEN ELIMINATED FROM FURTHER CONSIDERATION IN THESE INVESTIGATIONS.

0 100' 200'
GRAPHIC SCALE



SUMMARY OF SURFACE SOIL AND SEDIMENT PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5
UE0000A	ND(0.6)
UC0000A	5.2
UW0000A	8.4
UW0050A	0.8 J
UE0050A	20
UC0050A	ND(0.4)
UC0100A	4.1 J
UW0100A	ND(0.8)
UE0100A	9.1
UC0150A	4.9 J
UE0150A	23
UW0150A	1.8
UC0200A	3.8 J
UW0200A	1.7
UE0200A	16
UW0240A	2.2
UC0250A	1.5 J
UE0250A	23 J
UW0250A	11
UC0300A	4.5
UE0300A	22
UW0300A	10
UC0342A	2.4
UW0342A	9.3
UE0342A	27
UC0355A	2.9 J
UE0355A	7.4
UW0355A	0.8 J
UW0370A	1.2 J
UW0400A	1.6 J
UE0400A	10 J
UC0400A	3.5
UE0450A	39 J
UC0450A	3
UW0450A	1.5
UC0500A	15
UW0500A	2.7
UE0500A	ND(0.7)
UC0550A	13
UE0550A	2.4
UW0550A	1.5
UC0600A	2.6
UW0600A	ND(0.8)
UE0600A	24
UC0650A	4.4
UE0650A	33
UW0650A	50
UC0700A	1.2 J
UE0700A	190 J
UW0700A	41
UC0750A	12 J
UE0750A	51
UW0750A	68
UC0800A	1.8 J
UE0800A	15 J
UW0800A	80
UC0850A	11
UE0850A	51
UW0850A	32
UC0900A	77
UW0900A	26
UE0900A	11
UC0950A	7.1
UW0950A	80
UE0950A	26
UC1000A	11
UE1000A	51
UW1000A	39
UC1050A	7.4
UE1050A	20
UW1050A	1,400
UC1100A	27 J
UE1100A	24 J
UW1100A	190
UC1150A	2.6 J
UE1150A	72 J
UW1150A	16 J
UE1205A	76 J
UW1205A	9.5
UC1205A	7.2 J
UC1250A	10
UE1250A	39
UW1250A	24
UC1300A	1.8
UW1300A	17
UE1300A	16
UC1319A	4.3
UW1319A	14
UE1319A	9.9
UW1377A	3.3 J
UC1377A	6.7
UE1377A	6
UC1411A	5.4
UW1411A	26
UE1411A	5.6
UC1474A	8.8
UE1474A	17
UW1474A	18
UC2060A	13
UE2060A	39
UW2060A	13
UC2110A	5.7 J
UE2110A	17
UW2110A	15
UC2160A	1.8
UE2160A	6.4
UW2160A	65
UC2210A	2.7
UE2210A	23
UW2210A	11
UC2272A	20
UE2272A	15
UW2272A	23

SUMMARY OF SOIL AND SEDIMENT PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0-1	0.5-1	1-1.5	1.5-2	2-2.5	2.5-3
UFP1-L1	---	28	---	0.063	0.31	---	---
UFP1-L2	---	2.5	---	---	---	---	---
UFP1-L3	---	0.14	---	---	---	---	---
UFP1-L4	---	0.42	---	---	---	---	---
UFP1-L5	---	0.51	---	---	---	---	---
UFP1-R1	---	52	---	0.27	0.092 J	---	---
UFP1-R2	---	0.88	---	---	---	---	---
UFP1-R3	---	0.31	---	---	---	---	---
UFP1-R4	---	0.17	---	---	---	---	---
UFP1-R5	---	0.13	---	---	---	---	---
UFP1-R6	---	0.13	---	---	---	---	---
UFP2-L1	---	41	---	---	---	---	---
UFP2-L2	---	150	---	---	---	---	---
UFP2-L3	56	190	44	37	54	---	---
UFP2-L4	---	46	---	9	1.3	0.22	0.86
UFP2-L5	---	1.1	---	---	---	---	---
UFP2-L6	0.69 [1.1]	---	0.047 P	---	---	---	---
UFP2-L7	0.96	---	0.045 P	---	---	---	---
UFP2-L8	1.5	---	0.089 P	---	---	---	---
UFP2-R1	---	41	---	---	---	---	---
UFP2-R2	---	19	---	1.4	1.5 P	0.58 P	0.11 P
UFP2-R3	---	5.7	---	---	---	---	---
UFP2-R4	---	0.25 [0.23]	---	---	---	---	---
UFP2-R5	---	0.19	---	---	---	---	---
UFP2-R6	---	0.17	---	---	---	---	---
UFP2-R7	---	1.1	---	---	---	---	---
UFP2-R8	---	0.05	---	---	---	---	---
UFP2-R9	---	0.19	---	---	---	---	---
UOP35-1	---	14.1	---	---	---	---	---
UOP35-2	---	0.42	---	---	---	---	---
UOP35-3	---	0.25	---	---	---	---	---
UOP35-4	---	0.14	---	---	---	---	---
UOP35-5	---	0.23	---	---	---	---	---
UOP35-6	---	0.38	---	---	---	---	---
UOP35-7	---	0.44	---	---	---	---	---
UOP35-8	---	0.07	---	---	---	---	---
UOP35-10	---	6.1	---	---	---	---	---
UOP35-11	---	0.24	---	---	---	---	---
UOP35-12	---	0.29	---	---	---	---	---
UOP35-13	---	1.5	---	---	---	---	---
UOP35-14	---	0.96	---	---	---	---	---
UOP35-15	---	0.19	---	---	---	---	---
UOP35-17	---	2.9	---	---	---	---	---
UOP35-18	---	0.15	---	---	---	---	---
USW-4	4.7	---	0.07	---	---	---	---
USW-8	3.1	---	ND(0.05)	---	---	---	---
USW-10	12	---	0.05	---	---	---	---

SUMMARY OF SEDIMENT PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	Concentration
S-15	0.115

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS
(PPM DRY WT.)(SAMPLE INCREMENTS IN FEET)

Location ID	0-0.5	0-2	0.5-2	2-4	4-6	5-6.9	6.9-8	6-8	8-10	10-12	12-14
L-39	---	ND(1)	---	ND(0)	ND(1)	---	---	1	ND(1)	ND(1)	---
UB-SB-13	---	0.15	---	ND(0.072)	ND(0.072)	---	---	ND(1.7)	ND(0.10)	ND(0.089)	ND(0.086)
UB-SB-20	11.4	3.95	---	2,000 [1,200]	83	209	40	---	0.44	---	---
UB-SB-21	11.5	---	2	5.2	270	---	---	0.13	---	---	---
UB-SB-22	3.8	---	16	14	44.9	---	---	63	13	---	---

TABLE NOTES:
1. --- = No sample collected.
2. ND(0.05) = Not detected. Detection limit in parenthesis, (if available).
3. [1.1] = Duplicate analysis result shown in brackets.
4. J = The analyte was detected and is considered an estimated value.
5. P = The analyte is detected in the sample. The percent differences calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.

X: 40190X01,X02,X04,X05
P: PAGESET/PLT-BP
2/17/04 SYR-85-DMW DJP SDL
N/40190025/UNKAMET/INTERIM/40190B04.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
INTERIM PRE-DESIGN INVESTIGATION (PDI) REPORT FOR UNKAMET BROOK AREA

EAST AREA - EXISTING AND PROPOSED PCB CHARACTERIZATION LOCATIONS

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

FIGURE 4