REPORT

01-0362

SDMS 275749

Pre-Design Investigation Report for Portion of East Street Area 2-South: Future City Recreational Area

General Electric Company
Pittsfield, Massachusetts

April 2001

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

01-0362

SDMS 275749

Corporate Environmental Programs
Building 2, 2nd Floor
100 Woodlawn Avenue, Pittsfield, MA 01201

April 13, 2001

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

Re: GE-Pittsfield/Housatonic River Site
East Street Area 2-South (GECD150) - Future City Recreational Area
Pre-Design Investigation Report

Dear Mr. Olson:

Enclosed is GE's *Pre-Design Investigation Report for East Street Area 2-South: Future City Recreational Area.* This report presents the results of the pre-design soil investigations conducted at and near the Future City Recreational Area within East Street Area 2-South in accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site and Statement of Work for Removal Actions Outside the River.

As noted in this report, GE has identified a need for limited supplemental soil collection and analysis for semi-volatile organic compounds to address a potential data gap in the shallow subsurface in the northwestern corner of the Future City Recreational Area. To expedite the preparation of a final RD/RA Work Plan for this area, GE will immediately proceed with its plans to conduct this sampling. GE will notify EPA of its schedule for collecting these supplemental samples at least seven days in advance of the sampling date.

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

Sincerely,

Andrew T. Silfer /NA for

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

Enclosure

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cc: M. Nalipinski, EPA
T. Conway, EPA
H. Inglis, EPA
K.C. Mitkevicius, USACE
D. Veilleux, Weston
A. Weinberg, MDEP (cover letter only)
R. Bell, MDEP (cover letter only)
T. Angus, MDEP (cover letter only)
S. Steenstrup, MDEP (2 copies)
S. Keydel, MDEP
C. Fredette, CDEP
Mayor G. Doyle, City of Pittsfield
Director, PEDA
J. Bernstein, Bernstein, Cushner & Kimmel
T. Bowers, Gradient
N.E. Harper, MA AG
D. Young, MA EOEA
K. Finkelstein, NOAA
Field Supervisor, USFWS, DOI
A. Thomas, GE
M. Carroll, GE
J. Novotny, GE
R. McLaren, GE
J. Nuss, BBL
J. Bieke, Shea & Gardner
Public Information Repositories
GE Internal Repositories

TECHNICAL REPORT

Pre-Design Investigation Report for Portion of East Street Area 2-South: Future City Recreational Area

General Electric Company
Pittsfield, Massachusetts

April 2001

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

Table of Contents

1. Introduction

1.1 General

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

Separate from the CD, GE entered into a Definitive Economic Development Agreement (DEDA) with the City of Pittsfield and the Pittsfield Economic Development Authority (PEDA) effective upon entry of the CD. Among other things, this DEDA requires GE to construct an athletic field (and associated structures and landscaping) within an area of the GE Plant Area designated in the CD as the East Street Area 2-South RAA. The specific portion of the East Street Area 2-South RAA subject to the construction of an athletic field is referred to as the Future City Recreational Area and is shown on Figure 1. To accommodate this agreement between the City and GE, the CD and the SOW establish several specific Performance Standards for the Future City Recreational Area.

Based on the general timeframes established in the DEDA and CD, the construction of the Future City Recreational Area and any response actions in that area preceding construction will be conducted prior to the performance of response actions associated with the remainder of the East Street Area 2-South RAA under the CD and the SOW. Therefore, in November 2000, GE submitted a *Pre-Design Investigation Work Plan for Portion of East Street Area 2-South Removal Action -- Future City Recreational Area* (Pre-Design Work Plan) proposing to conduct pre-design soil investigations for the Future City Recreational Area in advance of the investigations for the remainder of East Street Area 2-South. That Pre-Design Work Plan summarized the previously existing soil data from within and

near this area and proposed additional soil sampling and analysis. The proposed soil sampling activities included sampling at grid-based locations within the Future City Recreational Area, as well as sampling at certain locations outside of and adjacent to that area so as to have such data available prior to designing the response actions for the Future City Recreational Area. (The latter data are to be considered, if relevant, in the design of the response actions for this area and will also be used in the later evaluations for the remainder of East Street Area 2-South.) The Pre-Design Work Plan was conditionally approved by EPA by letter dated January 16, 2001.

The field sampling activities associated with the pre-design investigation of this area were conducted between January 17 and February 1, 2001. These activities involved the collection of 67 soil samples from 23 locations within the Future City Recreational Area and 42 soil samples from 24 locations immediately adjacent to the Future City Recreational Area within East Street Area 2-South. The samples were submitted for analysis of PCBs and/or the other non-PCB constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides), plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3). In combination with information available from prior sampling activities in this area, these results will be used to develop an RD/RA Work Plan for the Future City Recreational Area. (As discussed below, given the relatively straightforward nature of the anticipated response actions at this area, a Conceptual RD/RA Work Plan will not be necessary for these response actions.)

1.2 Contents of Pre-Design Report

Pursuant to the CD and SOW, this report summarizes the results of the pre-design investigation activities. It also provides an assessment regarding: (1) the sufficiency of the available soil data to support the design and evaluation of response actions to achieve the soil-related Performance Standards for the Future City Recreational Area; and (2) whether additional information is needed prior to the preparation of the RD/RA Work Plan. In general, the results of the recent pre-design investigations, together with the information obtained from prior investigations, are sufficient to characterize the soils within the Future City Recreational Area and to support RD/RA activities. However, as discussed below, some limited additional sampling is warranted in one portion of that area.

The remainder of this section provides a brief description of the area that will be used as the Future City Recreational Area and the applicable Performance Standards related to that area. Section 2 describes the pre-design investigations recently conducted by GE, while Section 3 identifies several remaining pre-design activities and presents a proposed schedule for the submittal of the RD/RA Work Plan for the response actions at the Future City

Recreational Area.

1.3 Description of Future City Recreational Area

The Future City Recreational Area is located in the northeast corner of the East Street Area 2-South RAA within the GE Plant Area (Figure 1). This approximately 4-acre area is bounded by East Street to the north, Newell Street to the east, and other parts of East Street Area 2-South to the west and south. This area is grass-covered, with no buildings or pavement (Figure 2). The Housatonic River is located approximately 400 feet south of the Future City Recreational Area, and the 100-year floodplain of the river meanders along the southern boundary of this area.

1.4 Summary of Applicable Performance Standards

The response actions for soils at the Future City Recreational Area must achieve the relevant Performance Standards included in the CD and the SOW for the GE Plant Area. The soil-related Performance Standards for the GE Plant Area are set forth in Paragraph 25 of the CD and Section 2.2.2 of the SOW. Those that are relevant to the Future City Recreational Area may be summarized as follows:

- In support of the construction of the Future City Recreational Area, GE shall install a one-foot-thick (minimum) soil cover in this area in accordance with the general requirements for such covers set forth in the SOW, and shall remove and replace soils in the next two feet below that one-foot cover as necessary to achieve a spatial average PCB concentration at or below 15 ppm in that two-foot depth.

- Response actions for depths greater than three feet within this area shall be determined as part of the response actions for the overall averaging area within East Street Area-2 South where the Future City Recreational Area is located, taking into account the anticipated performance of the above-described response actions for the top three feet. The pertinent Performance Standards for that overall averaging area include the following:

  -- If the spatial average PCB concentration in the 1- to 6-foot depth increment exceeds 200 ppm, GE shall: (a) for areas within the 100-year floodplain of the Housatonic River, remove and replace soils to achieve the foregoing spatial average PCB concentration in that depth increment; and (b) for areas outside that 100-year floodplain, undertake a combination of removal and replacement of soils in unpaved areas and/or enhancement of existing pavement/concrete surfaces in paved areas as necessary to ensure the

removal or covering by enhanced pavement of the PCB concentrations causing the spatial average to exceed 200 ppm.

-- If subsurface utilities are present and the spatial average PCB concentration in the corresponding utility corridor exceeds 200 ppm in the 1- to 6-foot depth increment, GE shall evaluate whether any additional response actions are necessary. In addition, if subgrade utilities are installed, repaired, or replaced in the future, GE shall ensure that the backfill material used has a spatial average PCB concentration at or below 25 ppm.

-- If the spatial average PCB concentration in the 0- to 15-foot depth increment at the averaging area exceeds 100 ppm after incorporating the anticipated performance of the response actions described above, GE shall install an engineered barrier (as described in the SOW) over the areas causing such exceedence, and provide flood storage compensation as described in the SOW.

- GE shall evaluate the need for additional response actions to address Appendix IX+3 constituents other than PCBs using the protocols described in Section 2.2.2 and Attachment F of the SOW, after taking into account the anticipated response actions to address PCBs, and shall achieve the Performance Standards for such non-PCB constituents that are also set out in Section 2.2.2 and Attachment F of the SOW. For the Future City Recreational Area, the evaluation of non-PCB constituents, as well as the application of the Performance Standards for such constituents, will be made for the same depth increments that are to be used for PCBs.

2. Summary of Pre-Design Investigations

2.1 General

The pre-design field investigations for the Future City Recreational Area were performed between January 17 and February 1, 2001. The field investigations were performed on behalf of GE by Blasland, Bouck & Lee (BBL), while analytical services were provided by CT&E Environmental Services, Inc. Roy F. Weston, Inc. (Weston) performed oversight activities on behalf of EPA. In total, the pre-design soil sampling effort conducted at the Future City Recreational Area and adjacent areas in accordance with the Pre-Design Work Plan involved the collection of 109 soil samples from 44 new and 3 existing locations. These sample locations are shown on Figure 2. Each sample location was surveyed to obtain coordinates consistent with GE's plant survey datum. A total of 106 samples were analyzed for PCBs, while 39 samples (approximately one-third of the number of PCB samples) were analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides). Prior to the start of the pre-design field investigations, several coordination activities were conducted related to utility demarcation, sample location surveys, field work, and laboratory analyses. In addition, prior to the initiation of sampling activities, an on-site coordination meeting was held among representatives of GE, BBL, and Weston.

2.2 Summary of Sampling and Analysis Activities

With certain exceptions (discussed later in this section), the sample locations, frequencies, depths, and analytes associated with the pre-design investigations were consistent with the Pre-Design Work Plan. All field and analytical activities were performed in accordance with GE's approved Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP). Soil boring logs are presented in Appendix A to this report.

Soil samples collected 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 ppm for all Aroclors. Select soil samples were also analyzed for Appendix IX+3 constituents (excluding pesticides and herbicides) following the methods presented in the FSP/QAPP. Sample results were reported by the laboratory on a dry-weight basis with reporting limits consistent with those presented in the FSP/QAPP. The analytical results for the pre-design investigation soil samples are summarized in Table 1 for PCBs and Table 2 for other Appendix IX+3 constituents. For polychlorinated dibenzo-p-dioxins (PCDDs) and

polychlorinated dibenzofurans (PCDFs). Table 2 also presents the total Toxicity Equivalent (TEQ) concentrations, calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization, as specified in the SOW. In addition, soil data from investigations performed prior to the pre-design investigations are presented in Table 3 for PCB data and Table 4 for Appendix IX+3 data.

During the performance of the pre-design investigation, a few modifications to the sampling regime specified in the Pre-Design Work Plan were implemented based on field conditions, investigation results, and/or communications with EPA. These modifications consisted of the following:

- As part of its conditional approval of the Pre-Design Work Plan, EPA required that three additional samples from the Future City Recreational Area be collected and submitted for analysis of PCBs and Appendix IX+3 constituents. The additional samples (identified as CRA-20, CRA-21, and CRA-22 on Figure 2) are located on the north portion of the Future City Recreational Area along East Street. Soil samples were collected at 0- to 2-foot, 2- to 5-foot, and 5- to 14-foot depth intervals and analyzed for PCBs, and one sample from each boring was selected for Appendix IX+3 analysis.

- The specific depths of four Appendix IX+3 samples were modified in the field due to photoionization detector (PID) readings and/or visual observations (e.g., evidence of staining) of the recovered soil samples.

- Some boring locations were shifted slightly from their proposed locations due to sampling equipment refusal or access limitations (e.g., physical access or utility clearance).

None of the modifications identified above affects the overall characterization of the soils within the Future City Recreational Area or the preparation of an RD/RA Work Plan.

In addition to the above, during the pre-design investigations, visual evidence of potential non-aqueous-phase liquid (NAPL) was observed in a soil sample collected at a depth of 12 to 14 feet from boring RAA4-16, located outside the Future City Recreational Area in the southwest corner of the area sampled, as shown on Figure 2. This boring is located within a portion of East Street Area 2-South where NAPL has previously been observed. GE currently operates several NAPL recovery systems within this plume and also conducts routine NAPL monitoring programs to address the NAPL in this area. These NAPL monitoring and recovery programs are performed in association with other groundwater and NAPL-related activities within the Plant Site 1 Groundwater Management Area (GMA

1), which includes the entire East Street Area 2-South and several other nearby RAAs. Technical Attachment D to the SOW requires an assessment of the need for new monitoring wells at soil sample locations in which NAPL is observed, and Technical Attachment H clarifies that wells should be installed in such borings unless the boring is in an area of known NAPL where the NAPL observed is consistent with prior investigations. Since the NAPL observed at boring RAA4-16 is in an area of known NAPL which is already being addressed under existing NAPL monitoring and recovery programs associated with GMA 1, there is no need for a new monitoring well at that location.

2.3 Overview of Available Soil Data

For the Future City Recreational Area, the soil data available to support the preparation of an RD/RA Work Plan include the results of the pre-design investigations conducted pursuant to the Pre-Design Work Plan and, to a lesser extent, the data available from prior investigations. The pre-design investigation results are summarized in Tables 1 and 2 for PCBs and other Appendix IX+3 constituents, respectively, while the prior soil data are summarized in Tables 3 and 4 for PCBs and other Appendix IX+3 constituents, respectively. These data have been reviewed to evaluate the need for additional soil sampling prior to the conduct of RD/RA activities for the Future City Recreational Area. Based on this review, it is concluded that the available soil data sets are generally sufficient to support the design of the response actions for this area to achieve the Performance Standards summarized in Section 1.4 above. However, as discussed in Section 3.2, certain limited additional sampling is warranted in the northwest corner of this area. All available soil data will be assessed in more detail in the RD/RA Work Plan in connection with the design of the response actions for the Future City Recreational Area.

2.4 Data Quality Assessment

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

All of the recent pre-design soil analytical data have undergone data review validation in accordance with Section 7.5 of the FSP/QAPP. The results of this process are summarized in Appendix B. Overall, the pre-design soil data meet the data quality objectives set forth in the FSP/QAPP.

As indicated in the Pre-Design Work Plan, the prior soil data (nine samples total) were previously reviewed for overall quality, based on the accompanying laboratory documentation. Based on that review, these data were found, with limited exceptions, to be of acceptable quality for use in satisfying RD/RA requirements for the response actions for the Future City Recreational Area. (The limited exceptions related to the PCDD/PCDF data from borings X-16, X-17, and X-18. As a result, as noted in the Work Plan, those prior data will not be used in RD/RA activities, and additional samples were collected from these three borings for PCDD/PCDF analysis during the pre-design investigations.) To confirm this finding, a more detailed data quality assessment of these prior data will be conducted and the results will be included in the RD/RA Work Plan.

3. Future Activities and Schedule

3.1 General

In accordance with Section 3.2 of the SOW, the Pre-Design Report is required to consider the sufficiency of the available data in terms of supporting subsequent RD/RA activities, and whether any additional or remaining data needs are present. If such data needs are identified, the Pre-Design Report is to include a proposal, if necessary, for further studies/investigations, as well as a schedule for such activities and the submission of any additional pre-design reports. Based on the currently available information, as discussed below, there are very few data/information needs to be addressed prior to the development of the RD/RA Work Plan for the Future City Recreational Area. In addition, given the relatively straightforward nature of the response actions at this area, it will not be necessary to prepare and submit both a Conceptual and Final RD/RA Work Plan for this area. Therefore, this section also summarizes the anticipated contents of the RD/RA Work Plan and the proposed schedule for its development and submittal to EPA.

3.2 Assessment of Potential Data Needs and Description of Limited Additional Sampling

The Pre-Design Work Plan identified the activities proposed by GE to support the evaluation of response actions for the Future City Recreational Area and the preparation of an RD/RA Work Plan. The specific activities proposed in the Pre-Design Work Plan involved the performance of soil investigations for the Future City Recreational Area and designated adjacent areas to better characterize existing soil conditions and to satisfy the investigation requirements specified in the CD and SOW. Although minor modifications to the scope of sampling specified in the Pre-Design Work Plan were implemented during the field activities, none of the modifications (described in Section 2.2) significantly affected the overall characterization of soils within the Future City Recreational Area that was gained from the remaining sampling data.

Based upon review of all the available soil data, GE has determined that those data are generally sufficient to characterize the Future City Recreational Area soils and to support the necessary RD/RA evaluations for that area, including an assessment of current soil conditions and the need for, type of, and scope of response actions to achieve the applicable Performance Standards for this area. In particular, the available PCB soil characterization data are sufficient to support the necessary RD/RA evaluations for this area. However, review of the non-PCB Appendix IX+3 soil data from the Future City Recreational Area indicates the need for certain limited additional

sampling in one portion of this area. As shown in Table 2, elevated levels of certain semi-volatile organic compounds (SVOCs), which are consistent with coal-tar-related wastes, were detected in the sample collected from the 5- to 14-foot depth increment at sample location CRA-3. Although samples from this depth increment will be evaluated as part of the overall averaging area within East Street Area 2-South that contains the Future City Recreational Area (i.e., the former Gas Plant/Scrapyard Area), these results indicate a potential for elevated levels of SVOCs to be present in the overlying soils at this location, and specifically in the soils associated with the Future City Recreational Area – i.e., soils within the existing upper two feet in this area. Since that existing 0- to 2-foot depth increment will become the 1- to 3-foot depth increment of the Future City Recreational Area, and since GE is required to achieve recreational-use standards in that depth increment within the Future City Recreational Area, GE believes that SVOC data should be obtained from the existing 0- to 2-foot depth increment at this location.

Accordingly, GE will perform certain limited additional soil sampling for SVOCs in this area. Specifically, GE will collect soil samples from the 0- to 2-foot depth increment at pre-design sampling locations CRA-3 and CRA-4, as well as at a new sampling location between CRA-3 and CRA-8 (designated CRA-23), as shown on Figure 2. The soil sample from location CRA-3 will be submitted for analysis of Appendix IX+3 SVOCs. The soil samples from locations CRA-4 and CRA-23 will be held for possible analysis of such SVOCs, based on the SVOC results from CRA-3. Specifically, those samples will be submitted for SVOC analysis if the results from the CRA-3 sample indicate the presence of elevated levels of SVOCs in the 0- to 2-foot depth increment such that soil removal to address SVOCs may be necessary in this corner of the Future City Recreational Area. In order to avoid extra delays in preparing the RD/RA Work Plan for this area, GE will proceed with these soil sampling and analysis activities within the next couple of weeks (upon prior notification to EPA), and will present the analytical results, together with an evaluation of the need for further SVOC sampling in this area, in an addendum to this Pre-Design Report.

In addition, during the development of the RD/RA Work Plan for the Future City Recreational Area, some other information needs may be identified and addressed by GE, such as additional site mapping/surveying and/or the collection of representative soil samples to characterize the soil for disposition (if it is determined that soil removal will be necessary). The scope and results of such activities, if performed, will be reported in the RD/RA Work Plan.

3.3 Preparation of RD/RA Work Plan

In accordance with the schedule described in Section 3.6, GE will develop an RD/RA Work Plan for the response actions for the Future City Recreational Area. Given the nature of those response actions, GE will not prepare a Conceptual RD/RA Work Plan and instead will submit a final RD/RA Work Plan for EPA review and approval. Based on the anticipated response actions and preliminary review of the pre-design soil data, the contents of the RD/RA Work Plan will be streamlined (to the extent possible) and focus on the following topics:

- Updated summary of pre-design studies/investigations (including the more detailed data quality assessment of the prior soil data);
- Evaluation of the response actions needed to meet the PCB-related Performance Standards set forth in the CD and the SOW;
- Evaluation of the need for additional response actions to address non-PCB constituents and (if needed) the type of such response actions;
- Identification of Applicable or Relevant and Appropriate Requirements (ARARs) in accordance with Attachment B to the SOW;
- Detailed design of the response actions;
- Description of implementation details concerning the response actions;
- Construction quality assurance procedures for these response actions; and
- Proposed implementation schedule.

3.4 Schedule

As described in Section 3.2 of this Pre-Design Report, GE has identified the need for additional soil investigations for SVOCs within the Future City Recreational Area, GE will proceed with such activities and submit the results in an addendum to EPA by May 16, 2001. GE proposes to submit the RD/RA Work Plan for the Future City

Recreational Area to EPA within 60 days following submission of that addendum or EPA's approval of this Pre-Design Report, whichever is later.

Tables

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Within Limits of Future City Recreational Area						
CRA-1	0-2	1/17/01	ND(0.044)	0.54	0.74	1.28
	2-5	1/17/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/17/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-2	0-2	1/17/01	ND(0.047)	0.49	0.70	1.19
	2-5	1/17/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/17/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-3	0-2	1/17/01	ND(0.46)	ND(0.46)	ND(0.46)	ND(0.46)
	2-5	1/17/01	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)
	5-14	1/17/01	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]	ND(0.047) [ND(0.044)]
CRA-4	0-2	1/18/01	ND(0.051)	0.10	0.10	0.20
	2-5	1/18/01	ND(0.047)	0.18	0.26	0.44
	5-14	1/18/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-5	0-2	1/18/01	ND(0.049)	0.35	0.49	0.84
	2-5	1/18/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/18/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-6	0-2	1/18/01	ND(0.047)	0.064	0.22	0.284
	2-5	1/18/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	5-14	1/18/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-7	0-2	1/18/01	ND(0.048)	0.048	0.063	0.111
	2-5	1/18/01	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	5-14	1/18/01	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]	ND(0.044) [ND(0.044)]
CRA-8	0-2	1/22/01	ND(2.2)	ND(2.2)	ND(2.2)	ND(2.2)
	2-5	1/22/01	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	5-14	1/22/01	ND(0.045)	ND(0.045)	0.094	0.094
CRA-9	0-2	1/22/01	ND(0.24)	ND(0.24)	5.6	5.6
	2-5	1/22/01	ND(0.048)	ND(0.048)	0.029 J	0.029 J
	5-14	1/22/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-10	0-2	1/22/01	ND(0.049)	0.28	0.45	0.73
	2-5	1/22/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	5-14	1/22/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
CRA-11	0-2	1/23/01	ND(0.047)	0.28	0.78	1.06
	2-5	1/23/01	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]
	5-14	1/23/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
CRA-12	0-2	1/23/01	ND(0.46)	ND(0.46)	3.4	3.4
	2-5	1/23/01	ND(0.22)	1.8	0.92	2.72
	5-14	1/23/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-13	0-2	1/23/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	2-5	1/23/01	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	5-14	1/23/01	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
CRA-14	0-2	1/19/01	ND(0.21)	0.61	1.2	1.81
	2-5	1/19/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/01	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
CRA-15	0-2	1/19/01	ND(0.23)	0.80	1.5	2.3
	2-5	1/19/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	5-14	1/19/01	ND(0.050)	ND(0.050)	0.13	0.13
CRA-16	0-2	1/19/01	ND(0.044)	0.32	0.57	0.89
	2-5	1/19/01	ND(0.044)	0.35	0.79	1.14
	5-14	1/19/01	ND(0.043)	0.063	0.082	0.145
CRA-17	0-2	1/19/01	ND(4.2)	ND(4.2)	42	42
	2-5	1/19/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/19/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-18	0-2	1/23/01	ND(0.044)	ND(0.044)	0.32	0.32
	2-5	1/23/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	5-14	1/23/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
CRA-19	0-2	1/23/01	ND(0.044)	0.14	0.24	0.38
	2-5	1/23/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	5-14	1/23/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
CRA-20	0-2	1/31/01	Within Limits of Future City Recreational Area		0.032 J	0.058 J
	2-5	1/31/01	ND(0.042)	0.13	0.22	0.35
	5-14	1/31/01	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
CRA-21	0-2	1/31/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	2-5	1/31/01	ND(0.044)	0.085	0.12	0.205
	5-14	1/31/01	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]	ND(0.040) [ND(0.041)]
CRA-22	0-2	1/31/01	ND(0.058)	0.43	0.52	0.95
	2-5	1/31/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	5-14	1/31/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
Adjacent to Future City Recreational Area						
RAA4-1	0-1	1/30/01	R	R	R	R
RAA4-2	0-1	1/24/01	ND(0.24)	1.4	ND(0.24)	1.4
	1-6	1/24/01	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)
	6-15	1/24/01	ND(0.23)	ND(0.23)	ND(0.23)	ND(0.23)
RAA4-3	0-1	1/30/01	ND(0.051)	0.68	ND(0.051)	0.68
RAA4-4	0-1	1/24/01	ND(24)	180	320	500
	1-6	1/24/01	ND(0.22)	1.4	ND(0.22)	1.4
	6-15	1/24/01	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)
RAA4-5	0-1	1/30/01	ND(0.45)	2.8	6.6	9.4
RAA4-6	0-1	1/30/01	ND(2.5)	ND(2.5)	14	14
RAA4-7	0-1	1/30/01	ND(0.22)	0.55	0.73	1.28
RAA4-8	0-1	1/30/01	ND(0.22) [ND(0.26)]	ND(0.22) [ND(0.26)]	3.5 [5.4]	3.5 [5.4]
RAA4-9	0-1	1/30/01	ND(0.044)	0.44	1.2	1.64
RAA4-10	0-1	1/30/01	ND(0.24)	ND(0.24)	3.9	3.9
RAA4-11	0-1	1/30/01	ND(0.51)	ND(0.51)	5.0	5.0
RAA4-12	0-1	1/30/01	ND(0.22)	ND(0.22)	7.9	7.9
RAA4-13	0-1	1/30/01	ND(0.055)	ND(0.055)	0.79	0.79
RAA4-14	0-1	1/30/01	ND(0.044)	0.66	0.90	1.7
RAA4-15	0-1	1/30/01	ND(0.046)	0.34	0.50	0.84
RAA4-16	0-1	1/24/01	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.2)
	1-6	1/24/01	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)
	6-15	1/24/01	ND(1.1)	ND(1.1)	20	20
RAA4-17	0-1	1/29/01	ND(0.53)	3.3	6.8	10.1
	1-6	1/29/01	ND(0.037)	ND(0.037)	0.030 J	0.030 J
	6-15	1/29/01	ND(0.042)	ND(0.042)	0.50	0.50
RAA4-18	0-1	1/29/01	ND(0.038)	0.46	1.5	1.96
	1-6	1/29/01	ND(0.038)	0.35	0.73	1.08
	6-15	1/29/01	ND(0.037)	ND(0.037)	0.26	0.26
RAA4-19	0-1	1/29/01	ND(0.048)	ND(0.048)	2.2	2.2
	1-6	1/29/01	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/29/01	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]	ND(0.052) [ND(0.036)]
RAA4-20	0-1	1/29/01	ND(0.038)	0.53	1.4	1.93
	1-6	1/29/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	1/29/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA4-21	0-1	1/29/01	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	1/29/01	ND(0.037)	0.16	0.22	0.38
	6-15	1/29/01	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA4-22	0-1	1/31/01	ND(0.056)	0.24	0.46	0.70
	1-6	1/31/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/31/01	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs
2. ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3. Duplicate results are presented in brackets
4. J - Indicates an estimated value less than the practical quantitation limit (PQL).
5. R - Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3	CRA-3	CRA-5	CRA-6
Sample Depth(Feet):	5-14	6-8	2-4	2-5	5-14	10-12	0-2	2-5
ameter Date Collected:	01/17/01	01/17/01	01/17/01	01/17/01	01/17/01	01/17/01	01/18/01	01/18/01
atile Organics								
zene	NS	ND(0.0064)	ND(0.0071)	NS	NS	1.8 [1.8]	ND(0.0074)	NS
orobenzene	NS	ND(0.0064)	ND(0.0071)	NS	NS	ND(0.036) [ND(0.032)]	ND(0.0074)	NS
lbenzene	NS	0.0037 J	ND(0.0071)	NS	NS	70 [62]	ND(0.0074)	NS
ene	NS	0.010	ND(0.0071)	NS	NS	140 [160]	ND(0.0074)	NS
uene	NS	**0.0046 J**	ND(0.0071)	NS	NS	60 [56]	ND(0.0074)	NS
enes (total)	NS	0.025	ND(0.0071)	NS	NS	240 [250]	ND(0.0074)	NS
ivolatile Organics								
lethylnaphthalene	ND(0.43)	NS	NS	ND(0.47)	290	[280]	ND(0.54)	ND(0.51)
naphthene	ND(0.43)	NS	NS	ND(0.47)	15	[16]	ND(0.54)	ND(0.51)
naphthylene	ND(0.43)	NS	NS	ND(0.47)	43	[39]	ND(0.54)	ND(0.51)
hracene	ND(0.43)	NS	NS	ND(0.47)	38	[36]	ND(0.54)	ND(0.51)
zo(a)anthracene	ND(0.43)	NS	NS	ND(0.47)	42	[38]	ND(0.54)	ND(0.51)
zo(a)pyrene	ND(0.43)	NS	NS	ND(0.47)	49	[53]	ND(0.54)	ND(0.51)
zo(b)fluoranthene	ND(0.43)	NS	NS	ND(0.47)	23	[24]	ND(0.54)	ND(0.51)
zo(g,h,i)perylene	**ND(0.43) J**	NS	NS	**ND(0.47) J**	**34 J**	[33 J]	ND(0.54)	ND(0.51)
zo(k)fluoranthene	ND(0.43)	NS	NS	ND(0.47)	31	[27]	ND(0.54)	ND(0.51)
ysene	ND(0.43)	NS	NS	ND(0.47)	39	[36]	ND(0.54)	ND(0.51)
enzo(a,h)anthracene	**ND(0.86) J**	NS	NS	**ND(0.95) J**	**6.5 J**	[5.5 J]	ND(1.1)	ND(1.0)
enzofuran	ND(0.43)	NS	NS	ND(0.47)	8.3	[8.0]	ND(0.54)	ND(0.51)
oranthene	ND(0.43)	NS	NS	ND(0.47)	37	[33]	ND(0.54)	ND(0.51)
orene	ND(0.43)	NS	NS	ND(0.47)	47	[82]	ND(0.54)	ND(0.51)
eno(1,2,3-cd)pyrene	ND(0.86)	NS	NS	ND(0.95)	27	[27]	ND(1.1)	ND(1.0)
hthalene	ND(0.43)	NS	NS	ND(0.47)	430	[420]	ND(0.54)	ND(0.51)
nanthrene	ND(0.43)	NS	NS	ND(0.47)	230	[230]	ND(0.54)	ND(0.51)
ene	ND(0.43)	NS	NS	ND(0.47)	200	[210]	0.32 J	ND(0.51)
rans								
7,8-TCDF	ND(0.0000098)	NS	NS	ND(0.000014)	ND(0.000018)	[ND(0.000038)]	0.000011	ND(0.000026)
DFs (total)	ND(0.0000098)	NS	NS	ND(0.000014)	ND(0.000018)	[ND(0.000038)]	0.000099	ND(0.000026)
3,7,8-PeCDF	ND(0.000014)	NS	NS	ND(0.000014)	ND(0.000032)	[ND(0.000099)]	0.0000026	ND(0.000031)
4,7,8-PeCDF	ND(0.000013)	NS	NS	ND(0.000014)	ND(0.000032)	[ND(0.000098)]	0.0000035	ND(0.000031)
DFs (total)	ND(0.000014)	NS	NS	ND(0.000014)	ND(0.000032)	[ND(0.000099)]	0.000048	ND(0.000031)
3,4,7,8-HxCDF	ND(0.000017)	NS	NS	ND(0.000017)	ND(0.000014)	[ND(0.000047)]	0.0000025	ND(0.000021)
3,6,7,8-HxCDF	ND(0.000016)	NS	NS	ND(0.000020)	ND(0.000017)	[ND(0.000044)]	0.0000018 J**	ND(0.000020)
3,7,8,9-HxCDF	ND(0.000019)	NS	NS	ND(0.000016)	ND(0.000015)	[ND(0.000052)]	ND(0.00000031)	ND(0.000023)
4,6,7,8-HxCDF	ND(0.000017)	NS	NS	ND(0.000014)	ND(0.000014)	[ND(0.000048)]	0.0000028	ND(0.000021)
CDFs (total)	ND(0.000017)	NS	NS	ND(0.000014)	ND(0.000014)	[ND(0.000047)]	0.000038	ND(0.000021)
3,4,6,7,8-HpCDF	ND(0.0000096)	NS	NS	ND(0.000014)	ND(0.000017)	[ND(0.000021)]	0.0000079	ND(0.000023)
3,4,7,8,9-HpCDF	ND(0.000012)	NS	NS	ND(0.000017)	ND(0.000020)	[ND(0.000025)]	0.00000089 J**	ND(0.000028)
CDFs (total)	ND(0.000010)	NS	NS	ND(0.000016)	ND(0.000018)	[ND(0.000023)]	0.000022	ND(0.000025)
DF	ND(0.000021)	NS	NS	ND(0.000024)	ND(0.000034)	[ND(0.000039)]	0.000018	ND(0.000048)
al Furans	ND(0.000021)	NS	NS	ND(0.000024)	ND(0.000034)	[ND(0.000099)]	0.00023	ND(0.000048)
xins								
7,8-TCDD	ND(0.000019)	NS	NS	ND(0.000012)	ND(0.000017)	[ND(0.000031)]	0.00000023 w	ND(0.000026)
DDs (total)	ND(0.000019)	NS	NS	ND(0.000012)	ND(0.000017)	[ND(0.000031)]	0.0000011	ND(0.000029)
3,7,8-PeCDD	ND(0.000020)	NS	NS	ND(0.000022)	ND(0.000018)	[ND(0.000063)]	0.00000027 w	ND(0.000037)
DDs (total)	ND(0.000020)	NS	NS	ND(0.000022)	ND(0.000018)	[ND(0.000063)]	0.0000020	ND(0.000037)
3,4,7,8-HxCDD	ND(0.000013)	NS	NS	ND(0.000014)	ND(0.000014)	[ND(0.000036)]	0.00000023 J**	ND(0.000027)
3,6,7,8-HxCDD	ND(0.000013)	NS	NS	ND(0.000014)	ND(0.000014)	[ND(0.000036)]	0.00000068 J**	ND(0.000026)
3,7,8,9-HxCDD	ND(0.000019)	NS	NS	ND(0.000013)	0.000024 J	[ND(0.000033)]	0.00000039 J**	ND(0.000024)
CDDs (total)	ND(0.000013)	NS	NS	ND(0.000014)	0.000024	[ND(0.000035)]	0.0000053	ND(0.000026)
3,4,6,7,8-HpCDD	ND(0.000016)	NS	NS	ND(0.000025)	ND(0.000022)	[ND(0.000030)]	0.000012	ND(0.000035)
CDDs (total)	ND(0.000016)	NS	NS	ND(0.000025)	ND(0.000022)	[ND(0.000030)]	0.000023	ND(0.000035)
DD	ND(0.000024)	NS	NS	ND(0.000039)	ND(0.000044)	[ND(0.000050)]	0.000082	ND(0.000060)
al Dioxins	ND(0.000024)	NS	NS	ND(0.000039)	0.000024	[ND(0.000063)]	0.00011	ND(0.000060)
al TEQs (WHO TEFs)	ND(0.000024)	NS	NS	ND(0.000039)	0.0000024	[ND(0.000099)]	0.0000045	ND(0.000060)

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-1	CRA-1	CRA-2	CRA-2	CRA-3	CRA-3	CRA-5	CRA-6
Sample Depth(Feet):	5-14	6-8	2-4	2-5	5-14	10-12	0-2	2-5
ameter Date Collected:	01/17/01	01/17/01	01/17/01	01/17/01	01/17/01	01/17/01	01/18/01	01/18/01
rganics								
enic	ND(19.0)	NS	NS	ND(21.0)	ND(21.0)	[ND(19.0)]	ND(22.0)	ND(22.0)
ium	ND(38.0)	NS	NS	ND(43.0)	49.0	[48.0]	47.0	ND(44.0)
ylium	0.300	NS	NS	0.260	0.420	[0.340]	ND(1.50)	ND(1.50)
omium	9.20	NS	NS	12.0	13.0	[12.0]	12.0	9.60
balt	12.0	NS	NS	15.0	12.0	[9.60]	ND(15.0)	15.0
pper	26.0	NS	NS	39.0	28.0	[21.0]	41.0	41.0
nide	ND(1.00)	NS	NS	ND(1.00)	ND(1.00)	[ND(1.00)]	ND(1.00)	ND(1.00)
d	**14.0 J**	NS	NS	**12.0 J**	**24.0 J**	[23.0 J]	ND(30.0)	ND(29.0)
rcury	ND(0.260)	NS	NS	ND(0.280)	ND(0.280)	[ND(0.250)]	ND(0.300)	ND(0.290)
kel	17.0	NS	NS	26.0	24.0	[22.0]	25.0	24.0
fide	ND(6.40)	NS	NS	ND(7.10)	73.0	[71.0]	12.0	ND(7.30)
llium	**ND(1.90) J**	NS	NS	**ND(2.10) J**	**ND(2.10) J**	[ND(1.90)]	ND(3.00)	ND(2.90)
nadium	ND(9.60)	NS	NS	ND(11.0)	ND(11.0)	[9.60]	ND(15.0)	ND(15.0)
c	**56.0 J**	NS	NS	**63.0 J**	**98.0 J**	[82.0 J]	99.0	53.0

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-6	CRA-7	CRA-8	CRA-8	CRA-9	CRA-9	CRA-10	CRA-10
Sample Depth(Feet):	4-5	0-2	2-4	2-5	5-14	12-14	2-5	4-5
Parameter Date Collected:	01/18/01	01/18/01	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01
Volatile Organics								
Benzene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Chlorobenzene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Ethylbenzene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Styrene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Toluene	ND(0.0073)	ND(0.0072)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Xylenes (total)	ND(0.0073)	ND(0.014)	ND(0.0061)	NS	NS	ND(0.0064)	NS	ND(0.0067)
Semivolatile Organics								
2-Methylnaphthalene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Acenaphthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Acenaphthylene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Anthracene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(a)anthracene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(a)pyrene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(b)fluoranthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(g,h,i)perylene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Benzo(k)fluoranthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Chrysene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Dibenzo(a,h)anthracene	NS	ND(0.97)	NS	ND(0.81)	ND(0.85)	NS	ND(0.90)	NS
Dibenzofuran	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Fluoranthene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Fluorene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Indeno(1,2,3-cd)pyrene	NS	ND(0.97)	NS	ND(0.81)	ND(0.85)	NS	ND(0.90)	NS
Naphthalene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Phenanthrene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Pyrene	NS	ND(0.48)	NS	ND(0.40)	ND(0.42)	NS	ND(0.44)	NS
Furans								
2,3,7,8-TCDF	NS	ND(0.00000068)	NS	ND(0.0000093)	ND(0.000011)	NS	ND(0.000011)	NS
TCDFs (total)	NS	0.0000056	NS	ND(0.0000093)	ND(0.000011)	NS	ND(0.000011)	NS
1,2,3,7,8-PeCDF	NS	ND(0.00000023)	NS	ND(0.0000099)	ND(0.000013)	NS	ND(0.000015)	NS
2,3,4,7,8-PeCDF	NS	0.00000052 J**	NS	ND(0.0000098)	ND(0.000013)	NS	ND(0.000015)	NS
PeCDFs (total)	NS	0.0000050	NS	ND(0.0000099)	ND(0.000013)	NS	ND(0.000015)	NS
1,2,3,4,7,8-HxCDF	NS	0.00000025 J**	NS	ND(0.0000080)	ND(0.0000091)	NS	ND(0.0000084)	NS
1,2,3,6,7,8-HxCDF	NS	0.00000024 J**	NS	ND(0.0000075)	ND(0.0000084)	NS	ND(0.0000078)	NS
1,2,3,7,8,9-HxCDF	NS	ND(0.000000070)	NS	ND(0.0000088)	ND(0.000010)	NS	ND(0.0000092)	NS
2,3,4,6,7,8-HxCDF	NS	0.00000042 J**	NS	ND(0.0000081)	ND(0.0000092)	NS	ND(0.0000085)	NS
HxCDFs (total)	NS	0.0000048	NS	ND(0.0000081)	ND(0.0000091)	NS	ND(0.0000084)	NS
1,2,3,4,6,7,8-HpCDF	NS	0.00000095 J**	NS	ND(0.0000086)	ND(0.0000094)	NS	ND(0.0000097)	NS
1,2,3,4,7,8,9-HpCDF	NS	0.00000014 J**	NS	ND(0.000010)	ND(0.000011)	NS	ND(0.000012)	NS
HpCDFs (total)	NS	0.0000026	NS	ND(0.0000094)	ND(0.000010)	NS	ND(0.000011)	NS
OCDF	NS	ND(0.0000022)	NS	ND(0.000024)	ND(0.000028)	NS	ND(0.000027)	NS
Total Furans	NS	ND(0.00000068)	NS	ND(0.000024)	ND(0.000028)	NS	ND(0.000027)	NS
Dioxins								
2,3,7,8-TCDD	NS	ND(0.000000065)	NS	ND(0.000012)	ND(0.000018)	NS	ND(0.000014)	NS
TCDDs (total)	NS	0.00000018	NS	ND(0.000012)	ND(0.000018)	NS	ND(0.000014)	NS
1,2,3,7,8-PeCDD	NS	0.000000098 w	NS	ND(0.000014)	ND(0.000016)	NS	ND(0.000015)	NS
PeCDDs (total)	NS	0.00000015	NS	ND(0.000014)	ND(0.000016)	NS	ND(0.000015)	NS
1,2,3,4,7,8-HxCDD	NS	ND(0.000000061)	NS	ND(0.000010)	ND(0.000011)	NS	ND(0.000014)	NS
1,2,3,6,7,8-HxCDD	NS	0.00000015 w	NS	ND(0.0000099)	ND(0.000011)	NS	ND(0.000013)	NS
1,2,3,7,8,9-HxCDD	NS	0.00000012 w	NS	ND(0.0000091)	ND(0.000010)	NS	ND(0.000012)	NS
HxCDDs (total)	NS	0.00000026	NS	ND(0.0000097)	ND(0.000011)	NS	ND(0.000013)	NS
1,2,3,4,6,7,8-HpCDD	NS	0.0000022 J**	NS	ND(0.000015)	ND(0.000018)	NS	ND(0.000019)	NS
HpCDDs (total)	NS	0.0000044	NS	ND(0.000015)	ND(0.000018)	NS	ND(0.000019)	NS
OCDD	NS	0.000016	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)	NS
Total Dioxins	NS	ND(0.00000068)	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)	NS
Total TEQs (WHO TEFs)	NS	ND(0.00000068)	NS	ND(0.000037)	ND(0.000036)	NS	ND(0.000035)	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-6	CRA-7	CRA-8	CRA-8	CRA-9	CRA-9	CRA-10	CRA-10
Sample Depth(Feet):	4-5	0-2	2-4	2-5	5-14	12-14	2-5	4-5
Parameter Date Collected:	01/18/01	01/18/01	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01	01/22/01
Inorganics								
Arsenic	NS	16.0	NS	ND(18.0)	ND(19.0)	NS	ND(20.0)	NS
Barium	NS	39.0	NS	ND(36.0)	ND(38.0)	NS	ND(40.0)	NS
Beryllium	NS	ND(1.40)	NS	0.180	0.320	NS	0.270	NS
Chromium	NS	15.0	NS	9.60	10.0	NS	7.80	NS
Cobalt	NS	26.0	NS	13.0	11.0	NS	14.0	NS
Copper	NS	110	NS	42.0	23.0	NS	28.0	NS
Cyanide	NS	ND(1.00)	NS	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS
Lead	NS	36.0	NS	15.0	10.0	NS	**18.0 J**	NS
Mercury	NS	ND(0.290)	NS	ND(0.240)	ND(0.250)	NS	ND(0.270)	NS
Nickel	NS	35.0	NS	23.0	20.0	NS	18.0	NS
Sulfide	NS	ND(7.20)	NS	9.50	8.10	NS	8.40	NS
Thallium	NS	ND(2.90)	NS	ND(1.80)	ND(1.90)	NS	ND(2.00)	NS
Vanadium	NS	ND(14.0)	NS	ND(9.10)	ND(9.50)	NS	ND(10.0)	NS
Zinc	NS	170	NS	61.0	58.0	NS	53.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-11	CRA-12	CRA-13	CRA-13	CRA-14	CRA-15	CRA-15	CRA-16
Sample Depth(Feet):	0-2	0-2	5-14	10-12	0-2	5-14	6-8	0-2
arameter Date Collected:	01/23/01	01/23/01	01/23/01	01/23/01	01/19/01	01/19/01	01/19/01	01/19/01
olatile Organics								
enzene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
hlorobenzene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
hylbenzene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
yrene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
oluene	ND(0.0070)	ND(0.0069)	NS	ND(0.0082)	ND(0.0064)	NS	ND(0.0074)	ND(0.0067)
ylenes (total)	ND(0.0070)	ND(0.014)	NS	ND(0.0082)	ND(0.013)	NS	ND(0.0074)	ND(0.013)
emivolatile Organics								
Methylnaphthalene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
cenaphthene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
cenaphthylene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
nthracene	0.10 J	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
enzo(a)anthracene	0.56	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.33 J
enzo(a)pyrene	0.49	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.35 J
enzo(b)fluoranthene	0.60	ND(0.46)	ND(0.53)	NS	ND(2.1)	ND(0.50)	NS	0.23 J
enzo(g,h,i)perylene	0.18 J	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
enzo(k)fluoranthene	0.89	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.45
hrysene	1.1	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.43 J
ibenzo(a,h)anthracene	ND(0.94)	ND(0.92)	ND(1.1)	NS	ND(4.1)	ND(1.0)	NS	ND(0.90)
ibenzofuran	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
luoranthene	2.3	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.66
luorene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
deno(1,2,3-cd)pyrene	0.20 J	ND(0.92)	ND(1.1)	NS	ND(4.1)	ND(1.0)	NS	ND(0.90)
aphthalene	ND(0.47)	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	ND(0.44)
henanthrene	0.67	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	0.49
yrene	1.9	ND(0.46)	ND(0.54)	NS	ND(2.1)	ND(0.50)	NS	1.1
urans								
,3,7,8-TCDF	0.000012	0.0000020	ND(0.000012)	NS	0.0000055	ND(0.000016)	NS	0.000014
CDFs (total)	0.000099 I	0.000014	ND(0.000012)	NS	0.000046	ND(0.000016)	NS	0.00013 I
,2,3,7,8-PeCDF	0.0000033	0.00000064 J**	ND(0.000017)	NS	0.0000017 J**	ND(0.000020)	NS	0.0000041
,3,4,7,8-PeCDF	0.000010	0.0000022 J**	ND(0.000017)	NS	0.0000028	ND(0.000020)	NS	0.0000054
eCDFs (total)	0.00012 I	0.000028	ND(0.000017)	NS	0.000032	ND(0.000020)	NS	0.000068 I
,2,3,4,7,8-HxCDF	0.0000042	0.0000011 J**	ND(0.0000093)	NS	0.0000019 J**	ND(0.00019)	NS	0.0000038
,2,3,6,7,8-HxCDF	0.0000037	0.00000098 J**	ND(0.0000086)	NS	0.0000013 J**	ND(0.00018)	NS	0.0000027
,2,3,7,8,9-HxCDF	ND(0.0000018)	ND(0.00000027)	ND(0.000010)	NS	0.00000036 J**	ND(0.00021)	NS	0.00000061 J**
,3,4,6,7,8-HxCDF	0.000010	0.0000023	ND(0.0000094)	NS	0.0000022 J**	ND(0.00020)	NS	0.0000042
ixCDFs (total)	0.00013	0.000031	ND(0.0000093)	NS	0.000029	ND(0.00020)	NS	0.000053
,2,3,4,6,7,8-HpCDF	0.000015	0.0000038	ND(0.000012)	NS	0.0000041	ND(0.000020)	NS	0.0000077
,2,3,4,7,8,9-HpCDF	0.0000015 J**	0.00000039 J**	ND(0.000014)	NS	0.00000061 J**	ND(0.000024)	NS	0.00000087 J**
ipCDFs (total)	0.000037	0.0000081	ND(0.000013)	NS	0.0000092	ND(0.000021)	NS	0.000015 I
)CDF	0.000013	0.0000037 J**	ND(0.000029)	NS	0.0000036 J**	ND(0.000039)	NS	0.0000053
otal Furans	0.00040	0.000085	ND(0.000029)	NS	0.00012	ND(0.00021)	NS	0.00027
ioxins								
,3,7,8-TCDD	0.00000021 w	0.00000013 w	ND(0.000021)	NS	0.00000016 w	ND(0.000017)	NS	0.00000025 w
CDDs (total)	0.0000012 I	ND(0.00000029)	ND(0.000021)	NS	0.00000042	ND(0.000017)	NS	0.0000024 I
,2,3,7,8-PeCDD	0.0000020 w	0.0000036 w	ND(0.000018)	NS	0.0000011 w	ND(0.000029)	NS	0.0000014 w
eCDDs (total)	0.0000026	ND(0.00000054)	ND(0.000018)	NS	0.00000047 I	ND(0.000029)	NS	0.00000027 I
,2,3,4,7,8-HxCDD	0.00000036 J**	ND(0.000000087)	ND(0.000013)	NS	ND(0.00000017)	ND(0.000079)	NS	0.00000025 J**
,2,3,6,7,8-HxCDD	0.00000077 J**	0.00000034 J**	ND(0.000013)	NS	0.00000026 w	ND(0.000078)	NS	0.00000054 J**
,2,3,7,8,9-HxCDD	0.00000053 J**	0.00000016 J**	ND(0.000012)	NS	ND(0.000000016)	ND(0.000071)	NS	0.00000035 J**
ixCDDs (total)	0.0000078	0.00000051	ND(0.000012)	NS	0.0000011	ND(0.000076)	NS	0.0000024
,2,3,4,6,7,8-HpCDD	0.000011	0.0000021 J**	ND(0.000021)	NS	0.0000023	ND(0.000031)	NS	0.0000051
ipCDDs (total)	0.000023	0.0000042	ND(0.000021)	NS	0.0000023	ND(0.000031)	NS	0.000011
)CDD	0.000069	ND(0.000016)	ND(0.000036)	NS	0.000013	ND(0.000036)	NS	0.000029
otal Dioxins	0.00010	0.0000047	ND(0.000036)	NS	0.000017	ND(0.000079)	NS	0.000045
otal TEQs (WHO TEFs)	0.000011	0.0000056	ND(0.000036)	NS	0.0000040	ND(0.00021)	NS	0.0000073

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA							
Sample ID:	CRA-11	CRA-12	CRA-13	CRA-13	CRA-14	CRA-15	CRA-15	CRA-16
Sample Depth(Feet):	0-2	0-2	5-14	10-12	0-2	5-14	6-8	0-2
rameter Date Collected:	01/23/01	01/23/01	01/23/01	01/23/01	01/19/01	01/19/01	01/19/01	01/19/01
organics								
senic	ND(21.0)	ND(15.0)	ND(24.0)	NS	ND(15.0)	ND(22.0)	NS	ND(15.0)
rium	ND(42.0)	31.0	ND(49.0)	NS	46.0	ND(45.0)	NS	36.0
ryllium	0.340	0.350	0.590	NS	0.230	0.280	NS	0.270
romium	10.0	12.0	11.0	NS	29.0	8.40	NS	9.40
balt	14.0	14.0	13.0	NS	11.0	ND(11.0)	NS	11.0
pper	47.0	58.0	34.0	NS	46.0	ND(22.0)	NS	31.0
anide	ND(1.00)	ND(1.00)	ND(1.00)	NS	4.80	ND(1.00)	NS	ND(1.00)
ad	64.0	21.0	16.0	NS	26.0	5.00	NS	42.0
ercury	ND(0.280)	ND(0.280)	ND(0.330)	NS	ND(0.260)	ND(0.300)	NS	ND(0.270)
ckel	25.0	25.0	21.0	NS	25.0	16.0	NS	19.0
lfide	9.00	13.0	ND(8.20)	NS	16.0	ND(7.40)	NS	ND(6.70)
allium	**ND(2.10) J**	**ND(2.10) J**	**ND(2.40) J**	NS	ND(1.90)	ND(2.20)	NS	ND(2.00)
anadium	ND(10.0)	11.0	ND(12.0)	NS	23.0	ND(11.0)	NS	11.0
nc	52.0	57.0	61.0	NS	67.0	43.0	NS	70.0

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA						
Sample ID:	CRA-17	CRA-17	CRA-18	CRA-19	CRA-19	CRA-20	CRA-20
Sample Depth(Feet):	5-14	12-14	0-2	2-4	2-5	2-4	2-5
Parameter Date Collected:	01/19/01	01/19/01	01/23/01	01/23/01	01/23/01	01/31/01	01/31/01
Volatile Organics							
Benzene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Chlorobenzene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Ethylbenzene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Styrene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Toluene	NS	ND(0.0064)	ND(0.0067) [ND(0.0076)]	ND(0.0064)	NS	ND(0.0063)	NS
Xylenes (total)	NS	ND(0.0064)	ND(0.013) [ND(0.0076)]	ND(0.013)	NS	ND(0.0063)	NS
Semivolatile Organics							
2-Methylnaphthalene	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	ND(0.43)	NS	0.13 J
Acenaphthene	ND(0.50)	NS	0.13 J [ND(0.50)]	NS	ND(0.43)	NS	ND(0.42)
Acenaphthylene	ND(0.50)	NS	ND(0.44) [ND(0.50)]	NS	ND(0.43)	NS	0.11 J
Anthracene	ND(0.50)	NS	0.34 J [ND(0.50)]	NS	ND(0.43)	NS	ND(0.42)
Benzo(a)anthracene	ND(0.50)	NS	1.0 [ND(0.50)]	NS	ND(0.43)	NS	0.36 J
Benzo(a)pyrene	ND(0.50)	NS	1.0 [ND(0.50)]	NS	ND(0.43)	NS	0.37 J
Benzo(b)fluoranthene	ND(0.50)	NS	0.84 [ND(0.50)]	NS	ND(0.43)	NS	0.29 J
Benzo(g,h,i)perylene	ND(0.50)	NS	0.56 [ND(0.50)]	NS	ND(0.43)	NS	0.37 J
Benzo(k)fluoranthene	ND(0.50)	NS	1.1 [ND(0.50)]	NS	ND(0.43)	NS	0.40 J
Chrysene	ND(0.50)	NS	1.1 [ND(0.50)]	NS	ND(0.43)	NS	0.46
Dibenzo(a,h)anthracene	ND(1.0)	NS	ND(0.89) [ND(1.0)]	NS	ND(0.86)	NS	ND(0.85)
Dibenzofuran	ND(0.50)	NS	0.14 J [ND(0.50)]	NS	ND(0.43)	NS	0.089 J
Fluoranthene	ND(0.50)	NS	2.1 [ND(0.50)]	NS	ND(0.43)	NS	0.57
Fluorene	ND(0.50)	NS	0.16 J [ND(0.50)]	NS	ND(0.43)	NS	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(1.0)	NS	0.56 J [ND(1.0)]	NS	ND(0.86)	NS	0.33 J
Naphthalene	ND(0.50)	NS	0.17 J [ND(0.50)]	NS	ND(0.43)	NS	0.17 J
Phenanthrene	ND(0.50)	NS	1.6 [ND(0.50)]	NS	ND(0.43)	NS	0.32 J
Pyrene	ND(0.50)	NS	2.2 [ND(0.50)]	NS	ND(0.43)	NS	0.56
Furans							
2,3,7,8-TCDF	ND(0.000018)	NS	0.0000098 [0.0000098]	NS	ND(0.0000094)	NS	ND(0.000014)
TCDFs (total)	ND(0.000018)	NS	0.000080 I [0.000091]	NS	ND(0.0000094)	NS	ND(0.000014)
1,2,3,7,8-PeCDF	ND(0.000066)	NS	0.0000039 [0.0000034]	NS	ND(0.000015)	NS	ND(0.0000095)
2,3,4,7,8-PeCDF	ND(0.000065)	NS	0.000012 [0.000012]	NS	ND(0.000015)	NS	ND(0.0000093)
PeCDFs (total)	ND(0.000065)	NS	0.00011 I [0.00012 I]	NS	ND(0.000015)	NS	ND(0.0000094)
1,2,3,4,7,8-HxCDF	ND(0.000066)	NS	0.0000048 [0.0000038]	NS	ND(0.0000082)	NS	ND(0.00016)
1,2,3,6,7,8-HxCDF	ND(0.000062)	NS	0.0000038 [0.0000034]	NS	ND(0.0000076)	NS	ND(0.00014)
1,2,3,7,8,9-HxCDF	ND(0.000073)	NS	0.0000011 J** [0.0000010 J**]	NS	ND(0.0000090)	NS	ND(0.00017)
2,3,4,6,7,8-HxCDF	ND(0.000067)	NS	0.0000068 [0.0000070]	NS	ND(0.0000083)	NS	ND(0.00016)
HxCDFs (total)	ND(0.000067)	NS	0.000084 [0.000091]	NS	ND(0.0000083)	NS	ND(0.00017)
1,2,3,4,6,7,8-HpCDF	ND(0.000018)	NS	0.0000094 [0.0000082]	NS	ND(0.000013)	NS	ND(0.000042)
1,2,3,4,7,8,9-HpCDF	ND(0.000022)	NS	0.0000013 J** [0.0000011 J**]	NS	ND(0.000016)	NS	ND(0.000050)
HpCDFs (total)	ND(0.000020)	NS	0.000021 [0.000020]	NS	ND(0.000014)	NS	ND(0.000046)
OCDF	ND(0.000029)	NS	0.0000085 [0.0000066]	NS	ND(0.000021)	NS	ND(0.000031)
Total Furans	ND(0.000073)	NS	0.00030 [0.00033]	NS	ND(0.000021)	NS	ND(0.00017)
Dioxins							
2,3,7,8-TCDD	ND(0.000030)	NS	0.00000021 w [0.00000018 w]	NS	ND(0.000015)	NS	ND(0.000017)
TCDDs (total)	ND(0.000030)	NS	0.0000014 [0.0000016]	NS	ND(0.000015)	NS	ND(0.000017)
1,2,3,7,8-PeCDD	ND(0.000056)	NS	0.0000024 w [0.0000013 w]	NS	ND(0.000014)	NS	ND(0.000017)
PeCDDs (total)	ND(0.000056)	NS	0.0000022 [0.0000027]	NS	ND(0.000014)	NS	ND(0.000017)
1,2,3,4,7,8-HxCDD	ND(0.000045)	NS	0.00000022 J** [0.00000021 J**]	NS	ND(0.000013)	NS	ND(0.000033)
1,2,3,6,7,8-HxCDD	ND(0.000045)	NS	0.00000065 J** [0.00000055 J**]	NS	ND(0.000012)	NS	ND(0.000033)
1,2,3,7,8,9-HxCDD	ND(0.000041)	NS	0.00000040 J** [0.00000033 J**]	NS	ND(0.000011)	NS	ND(0.000030)
HxCDDs (total)	ND(0.000044)	NS	0.0000063 [0.0000060]	NS	ND(0.000012)	NS	ND(0.000032)
1,2,3,4,6,7,8-HpCDD	ND(0.000024)	NS	0.0000079 [0.0000057]	NS	ND(0.000017)	NS	ND(0.000049)
HpCDDs (total)	ND(0.000024)	NS	0.000017 [0.000012]	NS	ND(0.000017)	NS	ND(0.000049)
OCDD	ND(0.000038)	NS	0.000057 [0.000039]	NS	ND(0.000039)	NS	0.00014 J**
Total Dioxins	ND(0.000056)	NS	0.000084 [0.000061]	NS	ND(0.000039)	NS	0.00014
Total TEQs (WHO TEFs)	ND(0.000073)	NS	0.000012 [0.000010]	NS	ND(0.000039)	NS	0.000000014

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA						
Sample ID:	CRA-17	CRA-17	CRA-18	CRA-19	CRA-19	CRA-20	CRA-20
Sample Depth(Feet):	5-14	12-14	0-2	2-4	2-5	2-4	2-5
Parameter Date Collected:	01/19/01	01/19/01	01/23/01	01/23/01	01/23/01	01/31/01	01/31/01
Inorganics							
Arsenic	ND(19.0)	NS	ND(15.0) [ND(23.0)]	NS	ND(15.0)	NS	ND(19.0)
Barium	ND(39.0)	NS	39.0 [ND(46.0)]	NS	ND(30.0)	NS	ND(38.0)
Beryllium	0.220	NS	0.300 [0.330]	NS	ND(0.190)	NS	0.310
Chromium	8.20	NS	12.0 [14.0]	NS	8.90	NS	12.0
Cobalt	10.0	NS	14.0 [17.0]	NS	11.0	NS	14.0
Copper	28.0	NS	56.0 [50.0]	NS	30.0	NS	58.0
Cyanide	ND(1.00)	NS	ND(1.00) [ND(1.00)]	NS	ND(1.00)	NS	ND(1.00)
Lead	12.0	NS	38.0 [34.0]	NS	14.0	NS	65.0
Mercury	ND(0.260)	NS	ND(0.270) [ND(0.300)]	NS	ND(0.260)	NS	0.340
Nickel	17.0	NS	26.0 [30.0]	NS	18.0	NS	25.0
Sulfide	ND(6.40)	NS	21.0 [29.0]	NS	14.0	NS	30.0
Thallium	ND(1.90)	NS	**ND(2.00) J [ND(2.30) J]**	NS	**ND(1.90) J**	NS	2.50
Vanadium	ND(9.70)	NS	12.0 [14.0]	NS	ND(9.60)	NS	14.0
Zinc	44.0	NS	69.0 [84.0]	NS	45.0	NS	130

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA			
Sample ID:	CRA-21	CRA-22	CRA-22	X-17
Sample Depth(Feet):	0-2	5-14	12-14	0-2
Parameter Date Collected:	01/31/01	01/31/01	01/31/01	01/31/01
Volatile Organics				
Benzene	ND(0.0071)	NS	ND(0.0068)	NS
Chlorobenzene	ND(0.0071)	NS	ND(0.0068)	NS
Ethylbenzene	ND(0.0071)	NS	ND(0.0068)	NS
Styrene	ND(0.0071)	NS	ND(0.0068)	NS
Toluene	ND(0.0071)	NS	ND(0.0068)	NS
Xylenes (total)	ND(0.0071)	NS	ND(0.0068)	NS
Semivolatile Organics				
2-Methylnaphthalene	ND(0.47)	ND(0.44)	NS	NS
Acenaphthene	ND(0.47)	ND(0.44)	NS	NS
Acenaphthylene	ND(0.47)	ND(0.44)	NS	NS
Anthracene	ND(0.47)	ND(0.44)	NS	NS
Benzo(a)anthracene	ND(0.47)	ND(0.44)	NS	NS
Benzo(a)pyrene	ND(0.47)	ND(0.44)	NS	NS
Benzo(b)fluoranthene	ND(0.47)	ND(0.44)	NS	NS
Benzo(g,h,i)perylene	ND(0.47)	ND(0.44)	NS	NS
Benzo(k)fluoranthene	ND(0.47)	ND(0.44)	NS	NS
Chrysene	ND(0.47)	ND(0.44)	NS	NS
Dibenzo(a,h)anthracene	ND(0.96)	ND(0.90)	NS	NS
Dibenzofuran	ND(0.47)	ND(0.44)	NS	NS
Fluoranthene	ND(0.47)	ND(0.44)	NS	NS
Fluorene	ND(0.47)	ND(0.44)	NS	NS
Indeno(1,2,3-cd)pyrene	ND(0.96)	ND(0.90)	NS	NS
Naphthalene	ND(0.47)	ND(0.44)	NS	NS
Phenanthrene	ND(0.47)	ND(0.44)	NS	NS
Pyrene	ND(0.47)	ND(0.44)	NS	NS
Furans				
2,3,7,8-TCDF	0.00000051 J**	ND(0.000013)	NS	0.000053
TCDFs (total)	0.0000036	ND(0.000013)	NS	0.00045 QI
1,2,3,7,8-PeCDF	0.00000023 w	ND(0.000010)	NS	0.000014
2,3,4,7,8-PeCDF	0.00000053 J**	ND(0.000010)	NS	0.000021
PeCDFs (total)	0.0000052	ND(0.000010)	NS	0.00025 Q
1,2,3,4,7,8-HxCDF	0.00000043 J**	ND(0.00012)	NS	0.000011
1,2,3,6,7,8-HxCDF	0.00000038 J**	ND(0.00011)	NS	0.0000072
1,2,3,7,8,9-HxCDF	ND(0.00000010)	ND(0.00013)	NS	0.0000018 J**
2,3,4,6,7,8-HxCDF	0.00000060 J**	ND(0.00012)	NS	0.000012
HxCDFs (total)	0.0000079	ND(0.00023)	NS	0.00020
1,2,3,4,6,7,8-HpCDF	0.0000057	ND(0.000045)	NS	0.00011
1,2,3,4,7,8,9-HpCDF	0.00000044 J**	ND(0.000055)	NS	0.0000028
HpCDFs (total)	0.000015	ND(0.000050)	NS	0.00020
OCDF	0.000018	ND(0.000029)	NS	0.000059
Total Furans	0.000050	ND(0.00023)	NS	0.0012
Dioxins				
2,3,7,8-TCDD	ND(0.000000095)	ND(0.000017)	NS	0.00000061 w
TCDDs (total)	ND(0.00000042)	ND(0.000017)	NS	0.0000093
1,2,3,7,8-PeCDD	0.00000019 w	ND(0.000017)	NS	0.0000013 w
PeCDDs (total)	ND(0.00000062)	ND(0.000017)	NS	0.0000088 Q
1,2,3,4,7,8-HxCDD	0.00000026 J**	ND(0.00033)	NS	0.00000062 J**
1,2,3,6,7,8-HxCDD	0.00000077 J**	ND(0.00032)	NS	0.0000026
1,2,3,7,8,9-HxCDD	0.00000053 J**	ND(0.00030)	NS	0.0000014 J**
HxCDDs (total)	0.0000048	ND(0.00032)	NS	0.000022
1,2,3,4,6,7,8-HpCDD	0.000018	ND(0.00021)	NS	0.000038
HpCDDs (total)	0.000034	ND(0.00021)	NS	0.000070
OCDD	0.00013	ND(0.000049)	NS	0.00025
Total Dioxins	0.00017	ND(0.00033)	NS	0.00036
Total TEQs (WHO TEFs)	0.0000011	ND(0.00033)	NS	0.000024

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	WITHIN LIMITS OF FUTURE CITY RECREATIONAL AREA			
Sample ID:	CRA-21	CRA-22	CRA-22	X-17
Sample Depth(Feet):	0-2	5-14	12-14	0-2
Parameter Date Collected:	01/31/01	01/31/01	01/31/01	01/31/01
Inorganics				
Arsenic	ND(21.0)	ND(20.0)	NS	NS
Barium	ND(43.0)	ND(40.0)	NS	NS
Beryllium	0.310	0.240	NS	NS
Chromium	11.0	9.80	NS	NS
Cobalt	ND(11.0)	12.0	NS	NS
Copper	ND(21.0)	ND(20.0)	NS	NS
Cyanide	ND(1.00)	ND(1.00)	NS	NS
Lead	18.0	8.90	NS	NS
Mercury	ND(0.280)	ND(0.270)	NS	NS
Nickel	16.0	23.0	NS	NS
Sulfide	ND(7.10)	ND(6.80)	NS	NS
Thallium	ND(2.10)	ND(2.00)	NS	NS
Vanadium	11.0	ND(10.0)	NS	NS
Zinc	58.0	56.0	NS	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA						
Sample ID:	RAA4-1	RAA4-2	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
Sample Depth(Feet):	0-1	6-8	6-15	6-15	12-14	0-1	0-1
Parameter Date Collected:	01/30/01	01/24/01	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
Volatile Organics							
Benzene	ND(0.0069)	0.57	NS	NS	100	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Chlorobenzene	ND(0.0069)	ND(0.43)	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Ethylbenzene	ND(0.0069)	2.4	NS	NS	280	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Styrene	ND(0.0069)	ND(0.43)	NS	NS	ND(16)	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Toluene	ND(0.0069)	2.8	NS	NS	640	ND(0.0067)	ND(0.0066) [ND(0.0080)]
Xylenes (total)	ND(0.0069)	10	NS	NS	450	ND(0.0067)	ND(0.013) [ND(0.016)]
Semivolatile Organics							
2-Methylnaphthalene	ND(4.6)	NS	130	330	NS	20	2.0 J [2.8 J]
Acenaphthene	ND(4.6)	NS	9.5	180	NS	8.0 J	2.7 J [ND(5.3)]
Acenaphthylene	4.0 J	NS	56	150	NS	71	ND(4.3) [1.4 J]
Anthracene	1.2 J	NS	58	290	NS	21	9.1 [1.8 J]
Benzo(a)anthracene	10	NS	46	56	NS	63	15 [4.5 J]
Benzo(a)pyrene	11	NS	30	50	NS	64	10 [3.1 J]
Benzo(b)fluoranthene	6.1	NS	17	14	NS	40	6.7 [1.5 J]
Benzo(g,h,i)perylene	8.1	NS	14	26	NS	81	7.8 [2.5 J]
Benzo(k)fluoranthene	7.8	NS	22	30	NS	43	9.9 [2.8 J]
Chrysene	9.6	NS	38	55	NS	46	15 [5.0 J]
Dibenzo(a,h)anthracene	ND(9.2)	NS	ND(9.3)	ND(8.6)	NS	7.4 J	ND(8.7) [ND(10)]
Dibenzofuran	ND(4.6)	NS	ND(4.6)	11	NS	2.0 J	2.4 J [ND(5.3)]
Fluoranthene	12	NS	57	81	NS	110	29 [7.3]
Fluorene	ND(4.6)	NS	40	160	NS	38	3.9 J [1.8 J]
Indeno(1,2,3-cd)pyrene	7.2 J	NS	ND(9.3)	16	NS	55	6.7 J [1.5 J]
Naphthalene	ND(4.6)	NS	250	540	NS	6.9 J	3.7 J [4.5 J]
Phenanthrene	2.0 J	NS	86	390	NS	150	36 [14]
Pyrene	22	NS	190	420	NS	140	28 [10]
Furans							
2,3,7,8-TCDF	0.000018	NS	ND(0.000040)	ND(0.00014)	NS	0.000014	0.000044 [0.000032]
TCDFs (total)	0.00012	NS	ND(0.000040)	ND(0.00014)	NS	0.00016	0.00043 I [0.00033 I]
1,2,3,7,8-PeCDF	0.0000052	NS	ND(0.000052)	ND(0.000095)	NS	0.0000069	0.000014 [0.000011]
2,3,4,7,8-PeCDF	0.0000074	NS	ND(0.000051)	ND(0.000094)	NS	0.000027	0.000076 [0.000057]
PeCDFs (total)	0.000084 Q	NS	ND(0.000052)	ND(0.000095)	NS	0.00026	0.0010 [0.00081]
1,2,3,4,7,8-HxCDF	0.0000049	NS	0.000053 J	ND(0.00012)	NS	0.000014	0.000018 [0.000013]
1,2,3,6,7,8-HxCDF	0.0000030 J**	NS	0.000060 J	ND(0.00011)	NS	0.0000097	0.000031 [0.000025]
1,2,3,7,8,9-HxCDF	0.00000079 w	NS	0.000064 J	ND(0.00013)	NS	0.0000039 J**	0.0000078 [0.0000062]
2,3,4,6,7,8-HxCDF	0.0000042	NS	0.000058 J	ND(0.00012)	NS	0.000021	0.00013 [0.000096]
HxCDFs (total)	0.000062	NS	0.00029	ND(0.00012)	NS	0.00028	0.0018 [0.0014]
1,2,3,4,6,7,8-HpCDF	0.000018	NS	0.00013 J	ND(0.000082)	NS	0.000042	0.00012 [0.000092]
1,2,3,4,7,8,9-HpCDF	0.0000011 J**	NS	ND(0.000075)	ND(0.000099)	NS	0.0000061	0.000011 [0.0000098]
HpCDFs (total)	0.000032	NS	0.00013	ND(0.000089)	NS	0.000092	0.00034 [0.00027]
OCDF	0.000011	NS	0.00011 w	ND(0.000095)	NS	0.000032	0.000040 [0.000036]
Total Furans	0.00031	NS	0.00053	ND(0.00014)	NS	0.00082	0.0036 [0.0028]
Dioxins							
2,3,7,8-TCDD	0.00000034 w	NS	ND(0.000042)	ND(0.00016)	NS	0.0000011 w	0.00000054 w [0.00000043 w]
TCDDs (total)	0.00000082	NS	ND(0.000042)	ND(0.00016)	NS	0.0000019	0.0000047 [0.0000057]
1,2,3,7,8-PeCDD	0.00000043 J**	NS	ND(0.000059)	ND(0.00018)	NS	0.0000021	0.0000014 [0.0000011 J**]
PeCDDs (total)	0.0000039 Q	NS	ND(0.000059)	ND(0.00018)	NS	0.0000089	0.000013 [0.000012]
1,2,3,4,7,8-HxCDD	0.00000045 J**	NS	ND(0.000039)	ND(0.00015)	NS	0.0000016 J**	0.0000013 J** [0.0000012 J**]
1,2,3,6,7,8-HxCDD	0.00000078 J**	NS	ND(0.000039)	ND(0.00015)	NS	0.0000028 J**	0.0000021 J** [0.0000018 J**]
1,2,3,7,8,9-HxCDD	0.00000067 J**	NS	0.000056 w	ND(0.00014)	NS	0.0000019 J**	0.0000015 [0.0000012 J**]
HxCDDs (total)	0.0000089	NS	ND(0.000038)	ND(0.00014)	NS	0.000018	0.000025 [0.000022]
1,2,3,4,6,7,8-HpCDD	0.0000080	NS	ND(0.000054)	ND(0.000078)	NS	0.000015	0.000027 [0.000020]
HpCDDs (total)	0.000016	NS	ND(0.000054)	ND(0.000078)	NS	0.000030	0.000053 [0.000040]
OCDD	ND(0.000043)	NS	0.00022 J	0.00015 w	NS	0.000072	0.00011 [0.000080]
Total Dioxins	0.000030	NS	0.00022	0.00015	NS	0.00013	0.00021 [0.00016]
Total TEQs (WHO TEFs)	0.0000083	NS	0.000030	0.000000015	NS	0.000025	0.000066 [0.000049]

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA						
Sample ID:	RAA4-1	RAA4-2	RAA4-2	RAA4-4	RAA4-4	RAA4-5	RAA4-8
Sample Depth(Feet):	0-1	6-8	6-15	6-15	12-14	0-1	0-1
Parameter Date Collected:	01/30/01	01/24/01	01/24/01	01/24/01	01/24/01	01/30/01	01/30/01
Inorganics							
Arsenic	ND(21.0)	NS	ND(21.0)	ND(15.0)	NS	ND(20.0)	ND(15.0) [ND(15.0)]
Barium	ND(42.0)	NS	ND(42.0)	ND(30.0)	NS	ND(40.0)	40.0 [54.0]
Beryllium	0.360	NS	0.300	0.260	NS	0.280	0.290 [0.370]
Chromium	9.90	NS	12.0	7.70	NS	12.0	11.0 [13.0]
Cobalt	ND(10.0)	NS	11.0	12.0	NS	ND(10.0)	11.0 [15.0]
Copper	39.0	NS	33.0	25.0	NS	34.0	46.0 [51.0]
Cyanide	5.40	NS	ND(1.00)	ND(1.00)	NS	9.20	ND(1.00) [ND(1.00)]
Lead	29.0	NS	**34.0 J**	**17.0 J**	NS	34.0	44.0 [46.0]
Mercury	ND(0.280)	NS	ND(0.280)	ND(0.260)	NS	ND(0.270)	0.300 [ND(0.320)]
Nickel	21.0	NS	21.0	19.0	NS	14.0	19.0 [24.0]
Sulfide	20.0	NS	**160 J**	**770 J**	NS	21.0	16.0 [ND(8.00)]
Thallium	ND(2.10)	NS	ND(2.10)	ND(1.90)	NS	ND(2.00)	ND(2.00) [ND(2.40)]
Vanadium	14.0	NS	11.0	ND(9.70)	NS	12.0	16.0 [19.0]
Zinc	55.0	NS	**91.0 J**	**54.0 J**	NS	49.0	75.0 [97.0]

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA							
Sample ID:	RAA4-10	RAA4-13	RAA4-15	RAA4-16	RAA4-16	RAA4-17	RAA4-18	RAA4-18
Sample Depth(Feet):	0-1	0-1	0-1	6-15	12-14	0-1	1-6	4-6
Parameter Date Collected:	01/30/01	01/30/01	01/30/01	01/24/01	01/24/01	01/29/01	01/29/01	01/29/01
Volatile Organics								
Benzene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	5.5	ND(0.0080)	NS	ND(0.0057)
Chlorobenzene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	0.66 J	ND(0.0080)	NS	ND(0.0057)
Ethylbenzene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	21	ND(0.0080)	NS	ND(0.0057)
Styrene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	ND(0.82)	ND(0.0080)	NS	ND(0.0057)
Toluene	ND(0.0073)	ND(0.0083)	ND(0.0069)	NS	27	ND(0.0080)	NS	ND(0.0057)
Xylenes (total)	ND(0.015)	ND(0.0083)	ND(0.014)	NS	87	ND(0.0080)	NS	ND(0.011)
Semivolatile Organics								
2-Methylnaphthalene	ND(0.48)	ND(5.5)	ND(0.88)	95	NS	ND(0.53)	ND(0.38)	NS
Acenaphthene	ND(0.48)	ND(5.5)	ND(0.88)	8.6	NS	ND(0.53)	ND(0.38)	NS
Acenaphthylene	ND(0.48)	4.8 J	ND(0.88)	36	NS	0.18 J	ND(0.38)	NS
Anthracene	ND(0.48)	4.7 J	ND(0.88)	80	NS	ND(0.53)	ND(0.38)	NS
Benzo(a)anthracene	0.25 J	49	0.21 J	44	NS	0.28 J	ND(0.38)	NS
Benzo(a)pyrene	ND(0.48)	38	ND(0.88)	37	NS	0.21 J	ND(0.38)	NS
Benzo(b)fluoranthene	ND(0.48)	34	ND(0.88)	14	NS	0.17 J	ND(0.38)	NS
Benzo(g,h,i)perylene	0.14 J	25	ND(0.88)	22	NS	0.27 J	ND(0.38)	NS
Benzo(k)fluoranthene	ND(0.48)	35	ND(0.88)	26	NS	0.31 J	ND(0.38)	NS
Chrysene	0.28 J	43	0.34 J	40	NS	0.39 J	0.088 J	NS
Dibenzo(a,h)anthracene	ND(0.98)	6.2 J	ND(1.8)	ND(10)	NS	ND(1.1)	ND(0.76)	NS
Dibenzofuran	ND(0.48)	ND(5.5)	ND(0.88)	ND(5.0)	NS	ND(0.53)	ND(0.38)	NS
Fluoranthene	0.56	71	0.59 J	76	NS	0.29 J	0.082 J	NS
Fluorene	ND(0.48)	ND(5.5)	ND(0.88)	64	NS	ND(0.53)	ND(0.38)	NS
Indeno(1,2,3-cd)pyrene	0.12 J	25	ND(1.8)	13	NS	ND(1.1)	ND(0.76)	NS
Naphthalene	ND(0.48)	ND(5.5)	ND(0.88)	880	NS	ND(0.53)	ND(0.38)	NS
Phenanthrene	0.52	2.3 J	0.44 J	280	NS	0.26 J	ND(0.38)	NS
Pyrene	0.52	76	0.53 J	230	NS	0.81	0.10 J	NS
Furans								
2,3,7,8-TCDF	0.0000038	0.000032	0.00013	ND(0.000062)	NS	0.0000087	ND(0.000010)	NS
TCDFs (total)	0.000033	0.00034	0.0010	ND(0.000062)	NS	0.00012 I	ND(0.000010)	NS
1,2,3,7,8-PeCDF	0.0000013 J**	0.000012	0.000031	ND(0.000059)	NS	0.0000038	ND(0.000020)	NS
2,3,4,7,8-PeCDF	0.0000024	0.00018	0.000049	ND(0.000058)	NS	0.000035	ND(0.000019)	NS
PeCDFs (total)	0.000024	0.0016 Q	0.00055 Q	ND(0.000058)	NS	0.00052	0.000042	NS
1,2,3,4,7,8-HxCDF	0.0000026	0.000017	0.000022	ND(0.000054)	NS	0.0000076 w	ND(0.00018)	NS
1,2,3,6,7,8-HxCDF	0.0000013 J**	0.000030	0.000016	ND(0.000050)	NS	0.000016	ND(0.00017)	NS
1,2,3,7,8,9-HxCDF	0.00000037 J**	0.0000078	0.0000038	ND(0.000059)	NS	ND(0.0000033)	ND(0.00020)	NS
2,3,4,6,7,8-HxCDF	0.0000016 J**	0.000089	0.000026	ND(0.000055)	NS	0.000063	ND(0.00018)	NS
HxCDFs (total)	0.000023	0.0011	0.00035	ND(0.000054)	NS	0.00086	0.000066	NS
1,2,3,4,6,7,8-HpCDF	ND(0.0000056)	0.000041	0.000042	ND(0.000092)	NS	0.000059	0.000021 J	NS
1,2,3,4,7,8,9-HpCDF	0.00000098 J**	0.0000054	0.0000050	ND(0.00011)	NS	0.0000052	ND(0.000053)	NS
HpCDFs (total)	0.000012	0.00011	0.000091	ND(0.00010)	NS	0.00017	0.000021	NS
OCDF	0.000011	0.000030	0.000032	ND(0.00011)	NS	0.000016	ND(0.000023)	NS
Total Furans	0.00010	0.0032	0.0020	ND(0.00011)	NS	0.0017	0.00013	NS
Dioxins								
2,3,7,8-TCDD	ND(0.000000095)	0.00000055 w	0.0000011	ND(0.000084)	NS	0.00000083	ND(0.000016)	NS
TCDDs (total)	0.00000030	0.0000012	0.000023	ND(0.000084)	NS	0.0000083	ND(0.000016)	NS
1,2,3,7,8-PeCDD	ND(0.000000070)	0.0000019 J**	0.0000018 J**	ND(0.000080)	NS	0.0000011 w	ND(0.000026)	NS
PeCDDs (total)	ND(0.00000082)	0.000022 Q	0.000026 Q	ND(0.000080)	NS	0.000023	ND(0.000026)	NS
1,2,3,4,7,8-HxCDD	ND(0.000000097)	0.0000014 J**	0.00000086 J**	ND(0.000064)	NS	0.00000071 J**	ND(0.000014)	NS
1,2,3,6,7,8-HxCDD	0.00000026	0.0000035 w	0.0000018 J**	ND(0.000063)	NS	0.00000098 w	ND(0.000014)	NS
1,2,3,7,8,9-HxCDD	0.00000011 w	0.0000020 J**	0.0000011 J**	ND(0.000058)	NS	0.00000071 J**	ND(0.000013)	NS
HxCDDs (total)	0.0000012	0.000038 Q	0.000020	ND(0.000062)	NS	0.000031	ND(0.000014)	NS
1,2,3,4,6,7,8-HpCDD	ND(0.0000025)	0.000029	0.000017	ND(0.000077)	NS	0.000011	ND(0.000023)	NS
HpCDDs (total)	0.0000063	0.000056	0.000036	ND(0.000077)	NS	0.000022	ND(0.000023)	NS
OCDD	ND(0.000014)	0.00017	0.000094	ND(0.00012)	NS	0.000041	ND(0.000026)	NS
Total Dioxins	0.0000078	0.00029	0.00020	ND(0.00012)	NS	0.00013	ND(0.000026)	NS
Total TEQs (WHO TEFs)	0.0000023	0.00011	0.000050	ND(0.00012)	NS	0.000030	0.00000021	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA							
Sample ID:	RAA4-10	RAA4-13	RAA4-15	RAA4-16	RAA4-16	RAA4-17	RAA4-18	RAA4-18
Sample Depth(Feet):	0-1	0-1	0-1	6-15	12-14	0-1	1-6	4-6
Parameter Date Collected:	01/30/01	01/30/01	01/30/01	01/24/01	01/24/01	01/29/01	01/29/01	01/29/01
Inorganics								
Arsenic	ND(15.0)	ND(25.0)	ND(15.0)	ND(15.0)	NS	ND(24.0)	ND(15.0)	NS
Barium	97.0	ND(50.0)	38.0	36.0	NS	ND(48.0)	32.0	NS
Beryllium	0.330	0.310	0.340	0.350	NS	0.430	0.290	NS
Chromium	15.0	11.0	16.0	9.80	NS	11.0	7.30	NS
Cobalt	16.0	ND(12.0)	14.0	16.0	NS	ND(12.0)	9.80	NS
Copper	78.0	35.0	41.0	36.0	NS	33.0	ND(17.0)	NS
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	79.0	NS	ND(1.00)	ND(1.00)	NS
Lead	76.0	37.0	46.0	**13.0 J**	NS	28.0	12.0	NS
Mercury	ND(0.290)	ND(0.330)	ND(0.280)	ND(0.260)	NS	ND(0.320)	ND(0.230)	NS
Nickel	30.0	20.0	25.0	27.0	NS	21.0	15.0	NS
Sulfide	25.0	ND(8.30)	ND(6.90)	**1600 J**	NS	23.0	13.0	NS
Thallium	2.30	ND(2.50)	ND(2.10)	ND(2.00)	NS	ND(2.40)	ND(1.70)	NS
Vanadium	16.0	14.0	14.0	12.0	NS	16.0	ND(8.50)	NS
Zinc	160	67.0	95.0	**52.0 J**	NS	63.0	48.0	NS

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA								
Sample ID:	RAA4-19	RAA4-19	RAA4-19	RAA4-21	RAA4-21	RAA4-22	RAA4-22	X-16	X-18
Sample Depth(Feet):	0-1	1-6	3-4	6-15	12-14	1-6	4-6	6-15	6-15
meter Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/31/01	01/31/01	01/31/01	02/01/01
tile Organics									
ene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
robenzene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
lbenzene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
ene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
ene	ND(0.0072)	NS	ND(0.0054)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
nes (total)	ND(0.014)	NS	ND(0.011)	NS	ND(0.0083)	NS	ND(0.0068)	NS	NS
ivolatile Organics									
thylnaphthalene	0.097 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
aphthene	ND(0.48)	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
aphthylene	0.20 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
racene	0.17 J	ND(0.36)	NS	ND(0.55)	NS	0.14 J	NS	NS	NS
zo(a)anthracene	0.57	ND(0.36)	NS	ND(0.55)	NS	0.11 J	NS	NS	NS
zo(a)pyrene	0.58	ND(0.36)	NS	ND(0.55)	NS	0.11 J	NS	NS	NS
zo(b)fluoranthene	ND(0.48)	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
zo(g,h,i)perylene	0.52	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
zo(k)fluoranthene	0.47 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
sene	0.61	ND(0.36)	NS	ND(0.55)	NS	0.11 J	NS	NS	NS
nzo(a,h)anthracene	ND(0.97)	ND(0.72)	NS	ND(1.1)	NS	ND(1.1)	NS	NS	NS
nzofuran	ND(0.48)	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
ranthene	1.0	ND(0.36)	NS	ND(0.55)	NS	0.31 J	NS	NS	NS
rene	0.16 J	ND(0.36)	NS	ND(0.55)	NS	ND(0.54)	NS	NS	NS
no(1,2,3-cd)pyrene	0.40 J	ND(0.72)	NS	ND(1.1)	NS	ND(1.1)	NS	NS	NS
nthalene	0.20 J	ND(0.36)	NS	ND(0.55)	NS	0.52 J	NS	NS	NS
anthrene	1.1	ND(0.36)	NS	0.12 J	NS	0.54	NS	NS	NS
ne	1.1	ND(0.36)	NS	ND(0.55)	NS	0.33 J	NS	NS	NS
ans									
,8-TCDF	0.000018	ND(0.000011)	NS	ND(0.000014)	NS	ND(0.000014)	NS	ND(0.000015)	ND(0.00040)
Fs (total)	0.00016 I	ND(0.000011)	NS	ND(0.000014)	NS	ND(0.000014)	NS	ND(0.000015)	ND(0.00040)
,7,8-PeCDF	0.0000049	ND(0.000015)	NS	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.000012)	ND(0.0011)
,7,8-PeCDF	0.0000080	ND(0.000015)	NS	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.000012)	ND(0.0011)
Fs (total)	0.00011	ND(0.000015)	NS	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.000012)	ND(0.0011)
,4,7,8-HxCDF	0.0000044	ND(0.0000094)	NS	ND(0.000012)	NS	ND(0.000062)	NS	ND(0.000052)	0.00039 J**
,6,7,8-HxCDF	0.0000039	ND(0.0000088)	NS	ND(0.000011)	NS	ND(0.000058)	NS	ND(0.000049)	0.00043 w
,7,8,9-HxCDF	0.00000088 J**	ND(0.000010)	NS	ND(0.000013)	NS	ND(0.000068)	NS	ND(0.000057)	0.00066 J**
,6,7,8-HxCDF	0.0000077	ND(0.0000095)	NS	ND(0.000012)	NS	ND(0.000063)	NS	ND(0.000053)	0.00042 J**
DFs (total)	0.00011	ND(0.0000095)	NS	ND(0.000012)	NS	ND(0.0052)	NS	ND(0.000022)	0.0015
,4,6,7,8-HpCDF	0.000012	ND(0.0000087)	NS	ND(0.000012)	NS	ND(0.000040)	NS	ND(0.000032)	0.00042 J**
,4,7,8,9-HpCDF	0.0000014 J**	ND(0.000010)	NS	ND(0.000014)	NS	ND(0.000048)	NS	ND(0.000038)	0.00041 J**
DFs (total)	0.000028	ND(0.0000095)	NS	ND(0.000013)	NS	ND(0.000044)	NS	ND(0.000035)	0.00083
OF	0.0000089	ND(0.000022)	NS	ND(0.000020)	NS	ND(0.000038)	NS	ND(0.000030)	0.0016 J**
l Furans	0.00042	ND(0.000022)	NS	ND(0.000020)	NS	ND(0.0052)	NS	ND(0.000057)	0.0039
xins									
,8-TCDD	0.00000030 w	ND(0.000018)	NS	ND(0.000019)	NS	ND(0.000020)	NS	ND(0.000017)	ND(0.00032)
Ds (total)	0.0000027	ND(0.000018)	NS	ND(0.000019)	NS	ND(0.000020)	NS	ND(0.000017)	ND(0.00032)
,7,8-PeCDD	0.00000093 w	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.00021)	NS	ND(0.000017)	0.00049 J**
DDs (total)	0.0000034	ND(0.000017)	NS	ND(0.000020)	NS	ND(0.00021)	NS	ND(0.000017)	0.00049
,4,7,8-HxCDD	0.00000028 J**	ND(0.000011)	NS	ND(0.000012)	NS	ND(0.000084)	NS	ND(0.000033)	0.00041 J**
,6,7,8-HxCDD	0.00000050 J**	ND(0.000011)	NS	ND(0.000012)	NS	ND(0.000083)	NS	ND(0.000033)	0.00047 J**
,7,8,9-HxCDD	0.00000039 J**	ND(0.000010)	NS	ND(0.000011)	NS	ND(0.000076)	NS	ND(0.000030)	0.00052 J**
DDs (total)	0.0000051	ND(0.000011)	NS	ND(0.000012)	NS	ND(0.000081)	NS	ND(0.000032)	0.0014
,4,6,7,8-HpCDD	0.0000072	ND(0.000018)	NS	ND(0.000021)	NS	ND(0.000080)	NS	ND(0.000042)	ND(0.00029)
DDs (total)	0.000017	ND(0.000018)	NS	ND(0.000021)	NS	ND(0.000080)	NS	ND(0.000042)	ND(0.00029)
OD	0.000057	ND(0.000027)	NS	ND(0.000036)	NS	ND(0.000040)	NS	ND(0.000037)	ND(0.0014)
l Dioxins	0.000085	ND(0.000027)	NS	ND(0.000036)	NS	ND(0.00021)	NS	ND(0.000042)	0.0019
l TEQs (WHO TEFs)	0.0000093	ND(0.000027)	NS	ND(0.000036)	NS	ND(0.0052)	NS	ND(0.000057)	0.00083

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

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

Location:	ADJACENT TO FUTURE CITY RECREATIONAL AREA								
Sample ID:	RAA4-19	RAA4-19	RAA4-19	RAA4-21	RAA4-21	RAA4-22	RAA4-22	X-16	X-18
Sample Depth(Feet):	0-1	1-6	3-4	6-15	12-14	1-6	4-6	6-15	6-15
·ameter Date Collected:	01/29/01	01/29/01	01/29/01	01/29/01	01/29/01	01/31/01	01/31/01	01/31/01	02/01/01
·rganics									
enic	ND(15.0)	ND(15.0)	NS	ND(25.0)	NS	ND(20.0)	NS	NS	NS
ium	53.0	ND(30.0)	NS	76.0	NS	ND(40.0)	NS	NS	NS
·ilium	0.410	0.250	NS	0.680	NS	0.310	NS	NS	NS
omium	11.0	6.90	NS	17.0	NS	13.0	NS	NS	NS
alt	ND(11.0)	8.20	NS	18.0	NS	16.0	NS	NS	NS
per	54.0	17.0	NS	30.0	NS	32.0	NS	NS	NS
nide	ND(1.00)	ND(1.00)	NS	ND(1.00)	NS	ND(1.00)	NS	NS	NS
d	60.0	8.40	NS	18.0	NS	21.0	NS	NS	NS
rcury	ND(0.290)	ND(0.220)	NS	ND(0.330)	NS	ND(0.270)	NS	NS	NS
kel	22.0	14.0	NS	32.0	NS	27.0	NS	NS	NS
fide	23.0	6.90	NS	16.0	NS	ND(6.80)	NS	NS	NS
illium	ND(2.20)	ND(1.60)	NS	ND(2.50)	NS	ND(2.00)	NS	NS	NS
nadium	24.0	ND(8.10)	NS	17.0	NS	11.0	NS	NS	NS
c	86.0	32.0	NS	88.0	NS	75.0	NS	NS	NS

Notes:
Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents (excluding herbicides and pesticides).
ND - Analyte was not detected. The number in parentheses is the associated quantitation limit for volatiles and semivolatiles and the associated detection limit for other constituents.
NS - Not Sampled - Parameter was not requested on sample chain of custody form.
J - Indicates an estimated value less than the practical quantitation limit (PQL).
J** - Indicates an estimated value between the lower calibration limit and the target detection limit.
Duplicate sample results are presented in brackets.
w - Estimated maximum possible concentration.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
Q - Indicates the presence of quantitative interferences
Total dioxins/furans determined as the sum of the total homolog concentrations; non-detect values considered as zero.
Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in *Environmental Health Perspectives* 106(2), December 1998, per technical Attachment F to the SOW.
J - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process.

TABLE 3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
SUMMARY OF PRIOR SOIL PCB DATA

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

Sample-ID	Date Sampled	Depth Interval (feet)	Total PCBs
Sample Locations Within Limits of Future City Recreational Area			
X-17	7/8/91	0-2	ND (0.05) [ND (0.05)]
		2-4	0.16
		4-6	ND (0.05)
		6-8	ND (0.05)
		8-10	ND (0.05)
95-9	3/4/96	0-2	0.31
		2-4	ND (0.042)
		4-6	0.03 J
		6-8	0.013 JP
		8-10	0.018 J
		10-12	0.069
		12-14	ND (0.037)
		14-16	0.069
		16-18	0.045 JP
		18-20	530 P
202S	5/7/91	0-0.5	0.87 (1.0)
210S	9/17/97	0-0.5	9.2
Sample Locations Adjacent to Future City Recreational Area			
X-16	6/25-7/10/91	0-2	0.07
		2-4	0.6
		4-6	ND (0.05)
		6-8	0.09
		8-10	0.12
		10-12	ND (0.05)
		12-14	0.24
X-18	6/25-7/10/91	0-2	0.64
		2-4	ND (0.05)
		4-6	0.06
		6-8	ND (0.05)
		8-10	0.05
		14-16	ND (0.05) [0.37]
E2SC-5	10/25/98	0-1	1.6
		1-6	0.29
		6-15	0.13
	10/26/98	38-40	ND
	10/26/98	40-42	ND
E2SC-14	10/8/98	0-1	0.6
		1-6	ND
		6-15	ND

Notes:

1. ND - Not detected. Detection limit shown in parentheses.
2. Duplicate analyses are shown in brackets.
3. J - Indicates an estimated value less than the PQL-required quantitation limit.
4. P - The analyte is detected in the sample. The percent differences in the concentrations calculated from two dissimilar GC columns is greater than 25%. The value should be considered estimated.

TABLE 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
SUMMARY OF PRIOR SOIL APPENDIX IX+3 DATA

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

	Sample Locations Within Limits of Future City Recreational Area				Sample Locations Adjacent to Future City Recreational Area						
Sample ID:	**202S**	**210S**	**95-9**	**X-17**	**X-16**	**X-18**	**E2SC-5**	**E2SC-5**	**E2SC-5**	**E2SC-14**	**E2SC-14**
Sample Depth (feet):	**0-0.5**	**0-0.5**	**18-20**	**0-2**	**8-10**	**14-16**	**6-15**	**10-12**	**38-40**	**6-15**	**8-10**
Date Collected:	**5/7/91**	**9/17/97**	**3/4/96**	**7/8/91**	**6/25-7/10/91**	**6/25-7/10/91**	**10/25/98**	**10/25/98**	**10/26/98**	**10/8/98**	**10/8/98**
Volatile Organics											
Acetone	0.016 B [0.021 B]	0.024 JB	ND	ND	0.01 J	0.029	NS	0.021	0.0049 J	NS	ND
Benzene	ND [ND]	ND	ND	ND	ND	0.001 J	NS	ND	ND	NS	ND
Ethylbenzene	ND [ND]	ND	ND	ND	ND	0.003 J	NS	ND	0.024	NS	ND
Methylene Chloride	0.072 B [0.030 B]	0.022 B	0.009 JB	0.01 JB	0.012 B	0.014 B	NS	ND	ND	NS	ND
Tetrachloroethene	ND [ND]	ND	ND	ND	ND	ND	NS	ND	0.0012 J	NS	ND
Toluene	ND [ND]	ND	ND	ND	ND	ND	NS	ND	0.004 J	NS	ND
Xylenes (Total)	ND [ND]	ND	ND	ND	ND	ND	NS	ND	0.033	NS	ND
Semivolatile Organics											
Acetophenone	ND [0.074]	ND	0.052 J	ND	ND	ND	0.021 J	NS	ND	ND	NS
Acenaphthene	ND [ND]	ND	ND	ND	ND	9.8	0.1 J	NS	3.5 D	ND	NS
Acenaphthylene	0.31 J [0.54]	ND	ND	ND	ND	4.9	0.84	NS	1.6	ND	NS
Aniline	ND [0.048 J]	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS
Anthracene	0.22 J [0.27 J]	ND	ND	ND	ND	4.4	2	NS	2.4	ND	NS
Benzo(a)anthracene	0.63 [0.96]	0.090 J	ND	ND	0.053 J	5.2	0.49	NS	1.4	ND	NS
Benzo(b)fluoranthene	0.52 [0.81]	0.12 J	ND	ND	0.045 JX	5.2 X	0.33 J	NS	0.87	ND	NS
Benzo(k)fluoranthene	0.72 [1.2]	0.062 JB	ND	ND	0.045JX	5.2 X	0.16 J	NS	0.38	ND	NS
Benzoic Acid	0.51 J [0.18 J]	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS
Benzo(a)pyrene	ND [ND]	0.097 J	ND	ND	0.048 J	4.8	0.45	NS	1.2	ND	NS
Benzo(g,h,i)perylene	0.44 J [0.61]	0.057 J	ND	ND	ND	2.4	0.12 J	NS	0.22 J	ND	NS
Bis(2-ethylhexyl)phthalate	0.17 J [2.2]	0.18 J	ND	0.088 BJ	0.15 BJ	0.28 BJ	0.17 J	NS	0.14 J	0.28 J	NS
Chrysene	0.77 [0.96]	0.10 JB	ND	ND	0.063 J	5	0.53	NS	1.2	ND	NS
Di-n-Butylphthalate	0.079 J [0.077 J]	ND	ND	ND	ND	ND	ND	NS	ND	0.16 J	NS
Dibenzo(a,h)anthracene	0.14 J [0.25 J]	ND	ND	ND	ND	0.7 J	ND	NS	0.06 J	ND	NS
Dibenzofuran	ND [ND]	ND	ND	ND	ND	0.79	0.055 J	NS	0.28 J	ND	NS
1,2-Dichlorobenzene	ND [ND]	ND	0.048 J	ND	ND	ND	ND	NS	ND	ND	NS
1,3-Dichlorobenzene	ND [ND]	ND	0.052 J	ND	ND	ND	ND	NS	ND	ND	NS
1,4-Dichlorobenzene	ND [ND]	ND	0.73	ND	ND	0.62 J	ND	NS	ND	ND	NS
Fluorene	0.13 J [0.16 J]	ND	ND	ND	ND	6.6	0.73	NS	2.8 D	ND	NS
Fluoranthene	0.85 [1.0]	0.15 J	ND	ND	0.091 J	10	1	NS	2.6 D	ND	NS
Indeno(1,2,3-cd)pyrene	0.35 J [0.48]	0.056 J	ND	ND	ND	1.5	0.1 J	NS	0.21 J	ND	NS
1-Methylnaphthalene	0.16 J [0.15 J]	ND	ND	ND	ND	30 D	ND	NS	ND	ND	NS
2-Methylnaphthalene	0.077 J [0.076 J]	ND	ND	ND	ND	12	0.64	NS	3.1 D	ND	NS
Naphthalene	0.17 J [0.18 J]	ND	ND	ND	ND	61 D	0.97	NS	4.3 D	ND	NS
Pentachlorobenzene	ND [ND]	ND	0.3 J	ND	ND	ND	ND	NS	ND	ND	NS
Phenanthrene	0.89 [0.92]	0.068 J	ND	ND	0.052 J	32 D	2.8	NS	9.1 D	ND	NS
Phenol	0.069 J [0.066 J]	ND	ND	ND	ND	ND	ND	NS	ND	ND	NS
Pyrene	1.1 [1.3]	0.15 J	ND	ND	0.18 J	21 D	1.5	NS	4.5 D	ND	NS
1,2,4-Trichlorobenzene	ND [ND]	ND	3.1	ND	ND	ND	ND	NS	ND	ND	NS
1,2,4,5-Tetrachlorobenzene	ND [ND]	ND	0.23 J	ND	ND	ND	ND	NS	ND	ND	NS
Total Phenols	0.23 [0.21]	NS	ND	ND	ND	ND	NS	NS	NS	NS	NS

TABLE 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
SUMMARY OF PRIOR SOIL APPENDIX IX+3 DATA

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

	Sample Locations Within Limits of Future City Recreational Area				Sample Locations Adjacent to Future City Recreational Area						
Sample ID:	**202S**	**210S**	**95-9**	**X-17**	**X-16**	**X-18**	**E2SC-5**	**E2SC-5**	**E2SC-5**	**E2SC-14**	**E2SC-14**
Sample Depth (feet):	**0-0.5**	**0-0.5**	**18-20**	**0-2**	**8-10**	**14-16**	**6-15**	**10-12**	**38-40**	**6-15**	**8-10**
Date Collected:	**5/7/91**	**9/17/97**	**3/4/96**	**7/8/91**	**6/25-7/10/91**	**6/25-7/10/91**	**10/25/98**	**10/25/98**	**10/26/98**	**10/8/98**	**10/8/98**
Pesticides/Herbicides											
2,4,5-T	NS	NS	NS	ND	0 07	ND	NS	NS	NS	NS	NS
2,4-D	NS	NS	NS	ND	0 28	ND	NS	NS	NS	NS	NS
2,4,5-TP (Silvex)	NS	NS	NS	ND	0 072	ND	NS	NS	NS	NS	NS
Furans											
2,3,7,8-TCDF	0 00042 [ND]	0 000015 g	ND	**	**	**	0 0000000033 g	NS	ND	ND	NS
TCDFs (total)	0 00098 [ND]	0 00015	ND	**	**	**	0 000000016	NS	ND	ND	NS
1,2,3,7,8-PeCDF	ND [ND]	0 0000070	ND	**	**	**	ND	NS	ND	ND	NS
2,3,4,7,8-PeCDF	ND [ND]	0 000018	ND	**	**	**	ND	NS	ND	ND	NS
PeCDFs (total)	0 00088 [ND]	0 00089	ND	**	**	**	0 000000014	NS	ND	ND	NS
1,2,3,4,7,8-HxCDF	ND [ND]	0 000049	ND	**	**	**	ND	NS	ND	ND	NS
1,2,3,6,7,8-HxCDF	ND [ND]	ND v	ND	**	**	**	ND	NS	ND	ND	NS
2,3,4,6,7,8-HxCDF	ND [ND]	0 000056	ND	**	**	**	ND	NS	ND	ND	NS
HxCDFs (total)	0 00097 [0 0004]	0 00052	ND	**	**	**	4 8E-09	NS	ND	ND	NS
1,2,3,4,6,7,8-HpCDF	ND [ND]	0 00020	ND	**	**	**	ND	NS	ND	ND	NS
1,2,3,4,7,8,9-HpCDF	ND [ND]	0 000032	ND	**	**	**	ND	NS	ND	ND	NS
HpCDFs (total)	0 00096 [0 00054]	0 00052	ND	**	**	**	ND	NS	ND	ND	NS
OCDF	0 00032 [ND]	0 000084	ND	**	**	**	ND	NS	ND	ND	NS
Total Furans	0 00411 [0 00094]	0 002164	ND	**	**	**	0 000000035	NS	ND	ND	NS
Dioxins											
2,3,7,8-TCDD	ND [ND]	0 00000090 J	NS	**	**	**	ND	NS	ND	ND	NS
TCDDs (total)	ND [ND]	0 000012	ND	**	**	**	ND	NS	ND	ND	NS
PeCDDs (total)	ND [ND]	0 000029	NS	**	**	**	ND	NS	ND	ND	NS
HxCDDs (total)	ND [ND]	0 000180	ND	**	**	**	ND	NS	ND	ND	NS
1,2,3,4,6,7,8-HpCDD	ND [ND]	0 000081	ND	**	**	**	ND	NS	ND	ND	NS
HpCDDs (total)	0 00011 [ND]	0 00017	ND	**	**	**	ND	NS	ND	ND	NS
OCDD	0 00098 [0 00066]	0 00033	ND	**	**	**	ND	NS	ND	ND	NS
Total Dioxins	0 00109 [0 00066]	0 000721	ND	**	**	**	ND	NS	ND	ND	NS
Total TEQs (WHO TEFs)	NC	NC	NC	**	**	**	NC	NS	NC	NC	NS
Inorganics											
Aluminum	9210 [6220]	NS	NS	13,400	17,300	13,400	NS	NS	NS	NS	NS
Antimony	ND N [ND N]	0 60 N	ND	ND N	ND N	ND N	0 29 J*	NS	ND	0 13 J*	NS
Arsenic	ND WNL [4 6 NL]	7 3	6 3	11 9 N	9 3 N	3 6 N	7 5	NS	3	7 4	NS
Barium	48 6 [51 1]	134	16 7 J*	26 4	91 2	26 6	35 3	NS	8 3 J*	24 6	NS
Beryllium	0 32 J* [0 21 J*]	0 26 J*	0 04 J*	0 22 J*	0 68	0 23 J*	0 37 J*	NS	0 065 J*	0 28 J*	NS
Cadmium	ND [ND]	0 78 J*	ND	ND	ND	ND	0 29 J*	NS	0 18 J*	0 099 J*	NS
Calcium	10,500 [7,310]	NS	NS	1,400 EL	6,730 EL	5,910 EL	NS	NS	NS	NS	NS
Chromium	22 2 [13 7]	17 9	8 5	13	18 1	8 1	10 9	NS	3 8	11 8	NS
Cobalt	10 2 [6 5]	NS	11 7	13 7	16 2	6	12 8	NS	4 2 J*	13 4	NS
Copper	30 4 [22 7]	38 2 E	27 9	35 L	22 9 L	9 1 L	17 3	NS	8 6	19 2	NS
Iron	19,700 [15,700]	NS	NS	28,200 E	39,400 E	28,200 E	NS	NS	NS	NS	NS

TABLE 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA
SUMMARY OF PRIOR SOIL APPENDIX IX+3 DATA

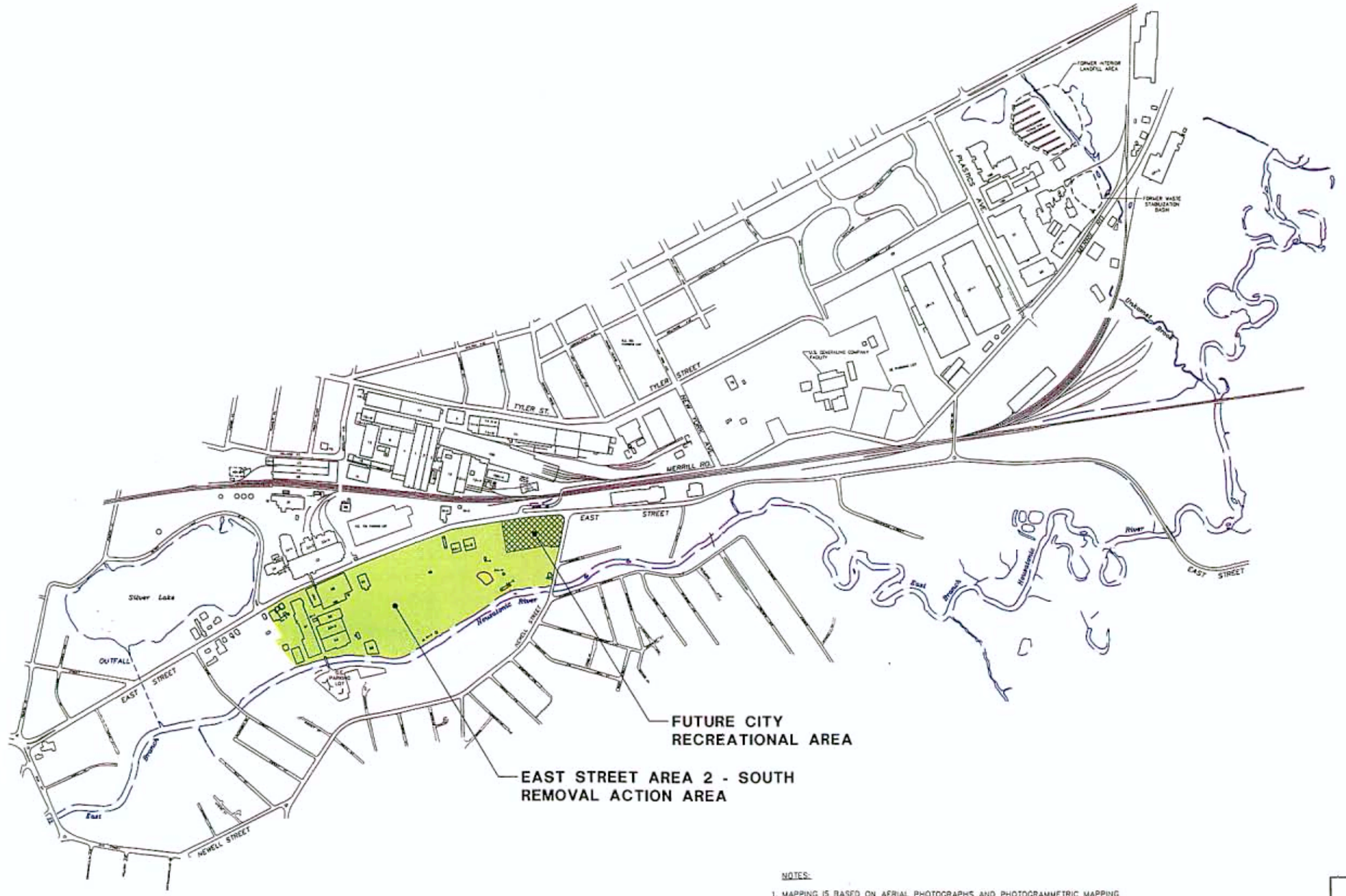
(Concentrations are presented in dry weight parts per million, ppm)

	Sample Locations Within Limits of Future City Recreational Area				Sample Locations Adjacent to Future City Recreational Area						
Sample ID:	**202S**	**210S**	**95-9**	**X-17**	**X-16**	**X-18**	**E2SC-5**	**E2SC-5**	**E2SC-5**	**E2SC-14**	**E2SC-14**
Sample Depth (feet):	**0-0.5**	**0-0.5**	**18-20**	**0-2**	**8-10**	**14-16**	**6-15**	**10-12**	**38-40**	**6-15**	**8-10**
Date Collected:	**5/7/91**	**9/17/97**	**3/4/96**	**7/8/91**	**6/25-7/10/91**	**6/25-7/10/91**	**10/25/98**	**10/25/98**	**10/26/98**	**10/8/98**	**10/8/98**
Lead	65.2 [45.0]	33.8 L	7.80	38.9 M	1.8	1.8	10.7	NS	4.2	6.4	NS
Magnesium	9,050 [5,710]	NS	NS	4,950 L	7,220 L	5,190 L	NS	NS	NS	NS	NS
Manganese	445 [925]	NS	NS	915	2,040	199	NS	NS	NS	NS	NS
Mercury	0.2 [0.22]	ND	ND	ND NL	ND NL	ND NL	0.037 J*	NS	0.012 J*	0.012 J*	NS
Nickel	18.1 [11.8]	26.9	16.8	23.1	24.3	10.7	19.2	NS	4.4 J*	21	NS
Potassium	800 [547 J*]	NS	NS	335 J*	612 J*	289 J*	NS	NS	NS	NS	NS
Selenium	ND WNL[ND WNL	1.3	0.76	ND WN	ND WN	ND WN	ND	NS	ND	ND	NS
Silver	ND N[ND N]	ND	ND	ND N	ND N	ND N	ND	NS	ND	ND	NS
Sodium	77.9 J* [152 J*]	NS	NS	96.1 J*	113 J*	110 J*	NS	NS	NS	NS	NS
Sulfide	ND [ND]	17	ND	ND	ND	ND	ND	NS	ND	ND	NS
Thallium	ND W[ND W]	ND	ND	ND QN	ND QN	ND QN	ND	NS	ND	2.7	NS
Tin	NS	ND	ND	NS	NS	NS	ND	NS	ND	ND	NS
Vanadium	18.2 [13.2]	15.9	4.3	12.4	22	8.1	12.1	NS	3 J*	10.9	NS
Zinc	88.6 E [62.6 E]	97.2	48.3	74.3 E	80.2 E	43.2 E	68.5	NS	19.6	64.9	NS
Cyanide	1.1 [1.1]	NS	ND	ND	ND	22	NS	NS	NS	NS	NS

Notes:

1 Samples were analyzed for Appendix IX+3 constituents Only those constituents detected in at least one sample are shown
2 ND - Analyte was not detected
3 NS - Not Sampled - Parameter was not requested on sample chain of custody form
4 Duplicate results are presented in brackets
5 J - Indicates an estimated value less than the PQL-required quantitation limit
6 B - Indicates the compound was also detected in the associated method blank
7 D - Indicates that the compound was identified at a secondary dilution factor
8 X - Indicates that coeluting isomers were noted by the laboratory
9 g- 2,3,7,8-TCDF results have been confirmed on a DB-225 column
10 v- Indicates an elevated detection limit due to chemical interference
11 N - Indicates sample matrix spike analysis was outside control limits
12 L - Indicates laboratory duplicate analysis was outside control limits
13 W - Indicates sample graphite furnace atomic absorption (GFAA) matrix spike analysis was outside control limits
14 E - Serial dilution results not within 10% Applicable only if analyte concentration is at least 50X the IDL in original sample
15 Q - Indicates sample GFAA post-digestion matrix spike recovery was less than 40% and the sample analysis should be considered an estimated value
16 M- Indicates sample analysis was completed by methods of standard addition (MSA)
17 J* - The analyte was detected at a concentration above the IDL but below the CRDL
18 **The prior samples from borings X-16, X-17, and X-18 were analyzed only for total PCDD/PCDF homologues, not 2,3,7,8-substituted congeners As a result, the prior PCDD/PCDF data from these borings will not be used in RD/RA evaluations Additional samples were collected from these three borings during the pre-design investigations and analyzed for PCDDs/PCDFs
19 NC - Total toxic equilivalents (TEQ's) of 2,3,7,8-TCDD have not been calculated to date for these prior results because the documentation showing the congener-specific detection limits has not yet been obtained When that documentation is obtained, TEQs will be calculated, using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) (as specified in Technical Attachment F to the SOW), as part of the detailed review of the prior soil analytical data These TEQs will be presented in the RD/RA Work Plan

Figures



0 500' 1000'
APPROXIMATE SCALE

NOTES:

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

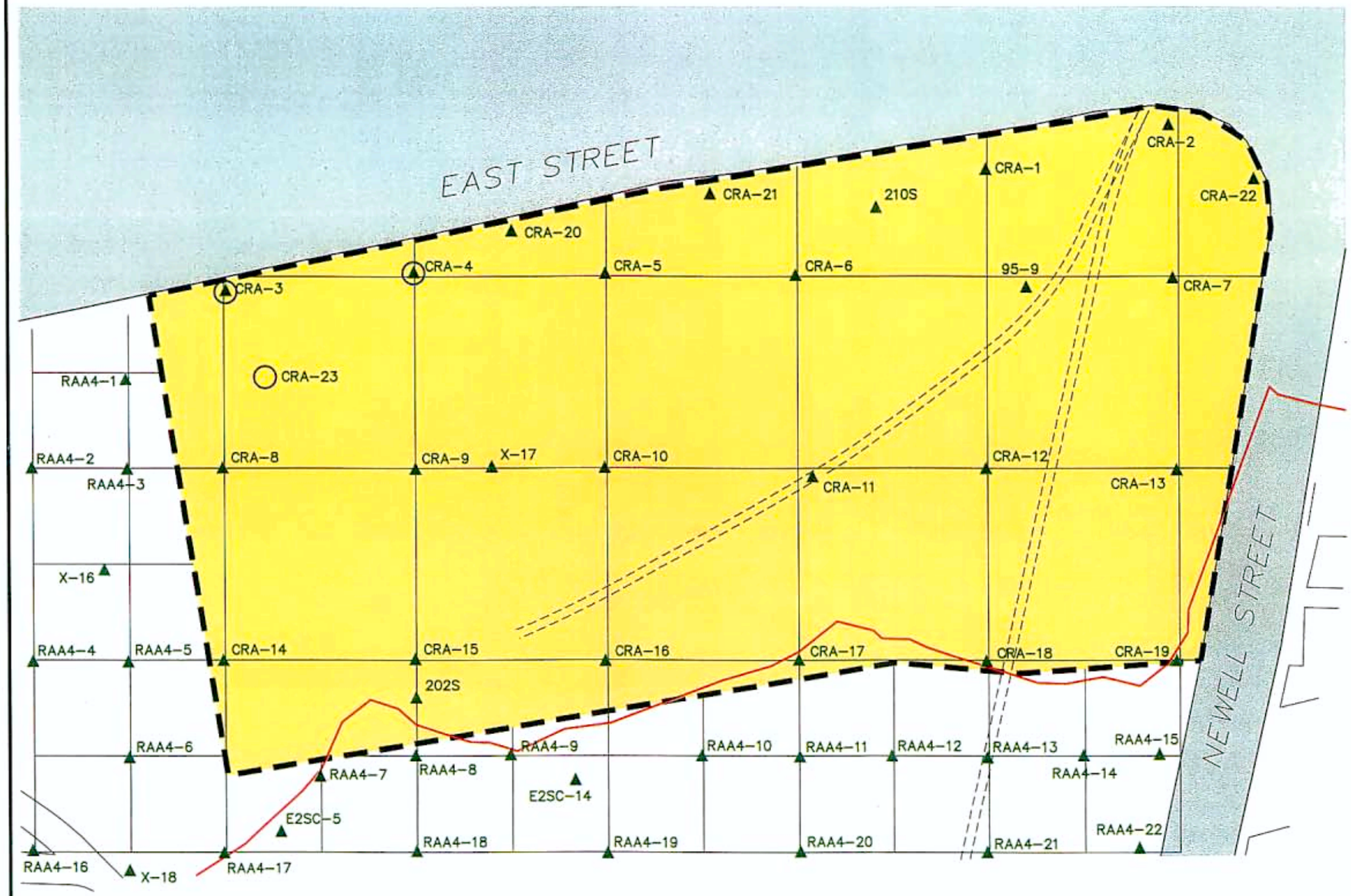
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PORTION OF EAST STREET AREA 2-SOUTH:
FUTURE CITY RECREATIONAL AREA

SITE PLAN

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

FIGURE 1

L: ON=*, OFF=REF
P: STD=PCP/DL
4/13/01 SYR=34=GMS RLP RCB
10111001/10111B07.DWG



LEGEND:

- APPROXIMATE LIMITS OF FUTURE CITY RECREATIONAL AREA
- APPROXIMATE 100-YEAR FLOODPLAIN
- ▲ X-18 EXISTING SOIL SAMPLE LOCATION
- ○ ADDITIONAL 0-2 FOOT SOIL SAMPLING LOCATION (SEMI-VOLATILE ORGANIC COMPOUNDS)
- PAVED AREA
- UNPAVED AREA
- EXISTING ROAD ALIGNMENT

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL SAMPLING LOCATIONS ARE APPROXIMATE.
5. EXTENT OF VARIOUS SURFACE COVERS IS APPROXIMATE.
6. 100-YEAR FLOODPLAIN BOUNDARY IS BASED ON ELEVATIONS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY: "FLOOD INSURANCE STUDY" - CITY OF PITTSFIELD, MASSACHUSETTS" JANUARY 16, 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 PHOTOGRAMETRICALLY IN 1990 AT A BASE SCALE OF 1:2,400.
7. LIMITS OF FUTURE MERRILL ROAD/EAST STREET ALIGNMENT ARE BASED ON BASE MAPPING PREPARED BY J.H. MAXYMILIAN, INC. ("JHM FURTHER DELINEATION SAMPLING" DATED 6/15/99).

0 60' 120'

APPROXIMATE SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PORTION OF EAST STREET AREA 2-SOUTH: FUTURE CITY RECREATIONAL AREA

SOIL SAMPLE LOCATIONS

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

FIGURE 2

L: ON=* OFF=*REF*
P: STD-PCP/BL
4/13/01 SYR-54-DMW NES RCB
10111001/10111B06.DWG

Appendix A

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Soil Boring Logs

Date Start/Finish: 1/17/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papalio	**Boring ID:** CRA-1 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	2.0	1.1		Brown fine to medium SAND.	
	2	2-4	2.7	1.3		Fine to medium SAND, some fine to medium Gravel, iron staining at 3.7' bgs. slightly cohesive, moist.	Boring backfilled with Bentonite to grade.
	3	4-5		1.3			
5 5	4	5-6		0.1			
	5	6-8	1.6	1.4		Stokendge MARBLE	
	6	8-10		1.3		Dark yellow-brown fine to medium SAND, with fine Gravel present.	
10 10	7	10-12	4.0	1.2		Fine to medium SAND with trace Gravel.	
	8	12-14		1.1		Medium SAND with Clay	
15 15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14) (no pesticides/herbicides). MS/MSD collected for PCBs (5-14); App IX+3 (5-14).

Date Start/Finish: 1/17/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-2 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.8	0.2		Brown fine SAND, some to little fine to medium Gravel, trace Coal	
	2	2-4		0.0		Brown very fine SAND, some to little fine to medium Gravel	Boring backfilled with Bentonite to grade
	3	4-5	3.2	0.0		Light brown fine to very fine SAND, trace Silt	
5 5	4	5-6		0.0			
	5	6-8		0.0			
	6	8-10	2.9	0.0		Light brown fine SAND, some to little rounded fine Gravel, trace Silt	
10 10	7	10-12		0.0		Fine to coarse SAND, trace fine Gravel and Silt	
	8	12-14	3.3	0.0		Very fine to fine SAND, trace Silt	
15 15							

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

Remarks: Analyses: PCBs (0-2, 2-5, 5-14), App IX+3 (2-5) (no pesticides/herbicides).

Date Start/Finish: 1/17/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papalio	**Boring ID:** CRA-3 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.8	0.5		Brown fine SAND, Roots, black Slag, little to some coarse Sand and Gravel.	Boring backfilled with Bentonite to grade
	2	2-4	2.3	87.8			
	3	4-5		62.7			
5 5	4	5-6		2011			
	5	6-8	2.7	6930			
	6	8-10		6555		Olive-gray fine to coarse SAND, slight odor.	
10 10	7	10-12	2.6	3099		Angular GRAVEL, moist, sheen, coal tar odor	
	8	12-14		2709		Olive-gray fine to coarse SAND, slight odor	
15 15							

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14) (no pesticides/herbicides). Duplicate ID: CRA-DUP-1: PCBs (5-14); Duplicate ID: CRA-DUP-2: App IX+3 (5-14).

Date Start/Finish: 1/18/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papalio	**Boring ID:** CRA-4 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.5	2.1		Brown fine to medium SAND, trace Roots and fine Gravel with staining	Boring backfilled with Bentonite to grade
	2	2-4	2.7	1.6		As above, no Roots present.	
	3	4-5		0.8		As above (2'-4'), slight visible black staining	
5 5	4	5-6		1.9		Brown fine SAND, little to some fine to medium Gravel	
	5	6-8	1.9	1.3		Light brown fine SAND, trace Silt and fine Gravel	
	6	8-10		2.2		Brown fine SAND, trace Silt, Clay, and fine Gravel.	
10 10	7	10-12	2.2	1.7			
	8	12-14		2.2		White LIMESTONE, little to some brown medium to coarse Sand, trace Silt and very fine Sand	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14).

Date Start/Finish: 1/18/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-5 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0							
	1	0-2	1.8	1.2		Light brown fine SAND, trace Organics and Silt	
	2	2-4	2.4	0.6			Boring backfilled with Bentonite to grade
	3	4-5		0.0			
5 5	4	5-6		0.3		Brown fine to medium SAND, little to some fine to medium Gravel	
	5	6-8	2.3	0.5		Light brown medium to coarse SAND, trace Silt	
	6	8-10		0.6		Light brown very fine SAND, trace Silt, moist at bottom	
10 10	7	10-12	2.7	0.0		Light brown very fine SAND and SILT, moist	
	8	12-14		0.0			
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides).

Date Start/Finish: 1/18/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-6 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.3	1.4		Dark brown fine SAND, little to some Organics, trace medium Sand and Silt.	
	2	2-4		0.6		Light brown fine SAND, trace Silt at 3.1' bgs.	Boring backfilled with Bentonite to grade.
	3	4-5	2.7	1.5		Light brown fine SAND.	
5 5	4	5-6		1.4			
	5	6-8		1.6			
	6	8-10	2.1	1.6		Light brown fine to medium SAND, trace fine Gravel.	
10 10	7	10-12		1.6			
	8	12-14	2.0	1.5		Light brown medium Sand, trace Silt and fine Gravel.	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (2-5)
(no pesticides/herbicides)

Date Start/Finish: 1/18/01
Drilling Company: BBL
Driller's Name: Jason Gotkowski
Drilling Method: Direct Push
Bit Size: 1.5-inch x 4 feet
Auger Size: NA
Rig Type: Tractor-Mounted Direct Push Rig
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 14' below grade
Surface Elevation: NA

Descriptions By: Bob Papallo

Boring ID: CRA-7

Client: General Electric Company

Location: Future City Recreational Area
East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.6	0.5		Dark brown fine SAND, PEAT, Organics, trace medium to coarse Sand, well graded.	
	2	2-4	2.5	0.2		Brown fine SAND and SILT.	Boring backfilled with Bentonite to grade.
5 5	3	4-5		0.0		Light brown fine to medium SAND, trace Silt.	
	4	5-6		0.2			
	5	6-8	2.0	0.6		Light brown fine to medium SAND, trace coarse Sand.	
	6	8-10		0.4			
10 10	7	10-12	2.4	0.5		Light brown fine to coarse SAND	
	8	12-14		0.2		Light brown fine SAND.	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides). Duplicate ID: CRA-DUP-1: PCBs (5-14). MS/MSD collected for PCBs (2-5).

Date Start/Finish: 1/22/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-8 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.4	0.6		Dark brown fine SAND with Organics frozen Brown to light brown fine to medium SAND, trace medium to coarse Gravel	
	2	2-4	2.1	0.2		Light brown medium SAND, little to some fine to medium Gravel	Boring backfilled with Bentonite to grade.
	3	4-5		0.0		Light brown medium to coarse SAND, little to some fine Gravel	
5 5	4	5-6		0.2		Light brown medium SAND, trace coarse Sand and fine to medium Gravel	
	5	6-8	2.1	0.2		Olive-gray fine SAND and SILT, with trace coarse Sand	
	6	8-10		0.0		Light brown to reddish-brown fine SAND, moist	
10 10	7	10-12	2.8	0.0		Reddish-brown fine SAND, trace light brown fine SAND	
	8	12-14		0.5		Light brown fine to medium SAND, trace coarse Sand and small Cobbles	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14), App IX+3 (2-5) (no pesticides/herbicides).

Date Start/Finish: 1/22/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-9 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.5	0.7		Brown fine SAND, some Organics, frozen	
						Brown to dark brown fine SAND, trace Organics	
	2	2-4	2.7	0.4		Brown fine SAND, trace Silt and fine Gravel	Boring backfilled with Bentonite to grade
	3	4-5		0.5		Light brown fine SAND and SILT, trace medium Gravel and Limestone	
5 5	4	5-6		0.3		Light brown fine SAND and SILT	
	5	6-8	1.85	0.4		Light brown to olive SILT and fine SAND, trace little Gravel, moist	
	6	8-10		0.3		Light brown to brown fine SAND, little to some fine to medium Gravel	
10 10	7	10-12	3.1	0.6		Light brown fine SAND, little to some olive-gray Silt, very moist	
	8	12-14		0.9		Reddish-brown to gray fine to medium SAND	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14)
(no pesticides/herbicides)

Date Start/Finish: 1/22/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-10 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.5	0.1		Dark brown fine SAND, Grass, Roots, and Organics, frozen	
						Light brown to brown fine SAND, little to some small Cobbles, trace Organics	
	2	2-4	2.5	0.0		Brown fine SAND, little to some Organics, trace fine to medium Gravel and Fill Grass.	Boring backfilled with Bentonite to grade
	3	4-5		0.0		Light brown fine to medium SAND, trace coarse Gravel	
5 5	4	5-6		0.0		Light brown to brown fine to medium SAND, trace coarse Gravel	
	5	6-8	2.6	0.0		Brown medium SAND, small Cobble and trace Iron.	
	6	8-10		0.0		Olive to light brown fine SAND and SILT, trace Coal.	
10 10	7	10-12	3.4	0.0		Reddish-brown very fine SAND	
	8	12-14		0.3		Reddish-brown very fine to fine SAND	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (2-5)
(no pesticides/herbicides).

Date Start/Finish: 1/23/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-11 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.1	0.0		Dark brown to black fine SAND, some Silt and Gravel.	
						Reddish brown Silty fine SAND, little medium Sand, trace Roots, moist, loose	
	2	2-4	2.4	0.0			Boring backfilled with Bentonite to grade
	3	4-5		0.0		Brown SILT, little fine Sand, trace Clay	
5 5	4	5-6		0.0		Fine to coarse SAND, some Silt, little fine rounded Gravel.	
	5	6-8	1.5	0.0		Brown to light brown fine to medium SAND, trace Coal.	
	6	8-10		0.0		Brown SAND, trace Coal, Brick, and Silt.	
10 10	7	10-12	2.7	0.0		Brown to light brown fine SAND, little to some fine to medium Gravel.	
	8	12-14		0.0		Tan very fine to medium SAND	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides). Duplicate ID: CRA-DUP-1: PCBs (2-5). MS/MSD collected for PCBs (5-14).

Date Start/Finish: 1/23/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-12 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	2.0	0.1		Brown Silty SAND to fine SAND, LOAM, little medium Sand and Silt.	Boring backfilled with Bentonite to grade
	2	2-4		0.0		Brown fine to medium SAND, little coarse Sand, moist.	
	3	4-5	2.6	0.0		Brown medium to coarse SAND, little to some fine to medium rounded Gravel.	
5 5	4	5-6		0.0			
	5	6-8		0.0		Brown coarse SAND, trace Silt and medium to fine Sand.	
	6	8-10	2.9	0.0		Reddish-brown very fine to fine SAND.	
10 10	7	10-12		0.3		Light brown coarse SAND, trace fine Sand, well graded.	
	8	12-14	2.1	0.1		Light brown coarse SAND, little to some fine to medium Gravel.	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides).

Date Start/Finish: 1/23/01
Drilling Company: BBL
Driller's Name: Brett Kamienski
Drilling Method: Direct Push
Bit Size: 1.5-inch x 4 feet
Auger Size: NA
Rig Type: Tractor-Mounted Direct Push Rig
Sampling Method: Macrocore

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 14' below grade
Surface Elevation: NA

Descriptions By: Bob Papallo

Boring ID: CRA-13

Client: General Electric Company

Location: Future City Recreational Area
East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.5	0.6		Dark brown fine SAND, trace Roots, light brown fine to medium Sand, Limestone and medium Gravel with Coal, frozen	
	2	2-4		0.2		Light brown to olive very fine to fine SAND, trace Silt from 3.3' - 4' bgs, very moist.	Boring backfilled with Bentonite to grade
	3	4-5	3.4	0.0		Olive very fine SAND, trace Silt, slightly cohesive	
5 5	4	5-6		0.0			
	5	6-8		0.0			
	6	8-10	2.8	0.0		Reddish-brown fine to medium SAND, some coarse Sand, well graded	
10 10	7	10-12		0.0		Reddish-brown to brown coarse SAND, little to some medium to coarse Gravel	
	8	12-14	1.5	0.0			
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14) (no pesticides/herbicides).

Date Start/Finish: 1/19/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-14 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0							
						Dark brown fine SAND, some Organics, frozen.	
	1	0-2	1.7	0.8		BRICK, small COBBLES, and fine to medium SAND	
						Brown to light brown fine SAND, trace fine Gravel	Boring backfilled with Bentonite to grade
	2	2-4		0.2		Light brown fine SAND, little coarse Sand, moderately graded	
			2.3				
	3	4-5		0.1			
5 5							
	4	5-6		0.7		Light brown fine SAND, some fine to medium sub-rounded Gravel	
	5	6-8		0.4		Light brown medium to coarse SAND, little to some rounded fine Gravel and trace Silt at 7.6' bgs	
			2.0				
	6	8-10		0.2		Reddish-brown fine SAND and SILT, trace little to coarse Sand at 7.6' bgs.	
10 10							
	7	10-12		0.0		Olive very fine SAND and SILT, trace fine Gravel, moist	
			2.3				
						Reddish-brown fine to medium SAND, trace fine Gravel	
	8	12-14		0.1		Reddish-brown coarse SAND, little to some small Cobbles, trace small Gravel	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides).

Date Start/Finish: 1/19/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-15 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0							
	1	0-2	1.6	0.4		Dark brown fine SAND, some Organics, frozen Brown fine to medium SAND, trace fine Gravel.	
	2	2-4	2.8	0.2		Medium to light brown SILT and SAND, trace fine Gravel PEAT, Organics, and fine to very fine SAND, trace Silt	Boring backfilled with Bentonite to grade
5 5	3	4-5		0.2		Light brown very fine SAND, little to some sub-rounded Gravel, trace coarse Sand	
	4	5-6		0.1		Fine to medium SAND, little coarse SAND, well graded	
	5	6-8	2.5	1.6		Light brown fine to medium SAND, trace Silt and very fine Gravel Light brown very fine SAND, moist.	
	6	8-10		0.8		Light brown very fine SAND, trace Silt at 9.6' bgs	
10 10	7	10-12	2.8	1.1		Light brown very fine SAND and SILT.	
	8	12-14		1.3			
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14) (no pesticides/herbicides).

Date Start/Finish: 1/19/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-16 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.8	1.4		Dark brown fine SAND. Organics, trace coarse Sand, frozen	
	2	2-4	2.2	1.1		Dark brown fine to medium SAND, trace small Cobbles.	Boring backfilled with Bentonite to grade
	3	4-5		1.8			
5 5	4	5-6		0.4		Brown fine to medium SAND, trace fine Gravel and Silt.	
	5	6-8	2.0	0.5		Light brown fine SAND, little coarse Sand, moderately graded	
	6	8-10		0.1		Gray SILT at 8.1', little to some reddish-brown very fine Sand, very moist	
10 10	7	10-12	2.1	0.2		Brown medium to coarse SAND, some fine to medium sub-rounded Gravel, well graded, non-cohesive, moist.	
	8	12-14		0.4			
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides).

Date Start/Finish: 1/19/01 **Drilling Company:** BBL **Driller's Name:** Jason Gotkowski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-17 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.6	0.7		Light brown fine SAND, Organic Grass, little to some medium Sand, trace coarse Sand, frozen.	
	2	2-4	2.6	0.1		Brown very fine SAND	Boring backfilled with Bentonite to grade
	3	4-5		0.2		Brown fine SAND, trace fine Gravel.	
5 5	4	5-6		0.1		Brown fine to medium SAND, trace fine Gravel.	
	5	6-8	2.8	0.1			
	6	8-10		0.0		Light brown fine to medium SAND, trace coarse Gravel.	
10 10	7	10-12	1.5	0.1		Light brown fine to coarse SAND, trace fine Gravel and large Cobbles.	
	8	12-14		0.4			
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14) (no pesticides/herbicides).

Date Start/Finish: 1/23/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-18 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	2.0	1.9		Dark brown fine SANDY LOAM, trace fine Gravel and Roots Black to light brown fine to coarse SAND, some Coal, trace fine sub-angular Gravel	
	2	2-4	3.2	0.8		Brown fine SAND, trace Silt and fine Gravel	Boring backfilled with Bentonite to grade
	3	4-5		0.1		Brown fine to coarse SAND, trace fine Gravel.	
5 5	4	5-6		0.1		Light brown to brown fine SAND, trace Silty Clay and fine angular Gravel.	
	5	6-8	2.2	0.1		Light brown fine SAND, trace Silt, Clay, and sub-rounded and sub-angular Gravel	
	6	8-10		0.1		Light brown fine to coarse SAND, fine to coarse sub-angular Gravel	
10 10	7	10-12	3.7	0.3		Brown to light brown fine SAND with trace Silt	
	8	12-14		0.4		As above, with olive gray color	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14), App IX+3 (0-2) (no pesticides/herbicides). Duplicate ID. CRA-DUP-2: App IX+3 (0-2).

Date Start/Finish: 1/23/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** CRA-19 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.8	0.1		Dark brown to black fine SAND, some sub-angular coarse Gravel	
						Brown Silty fine SAND, little medium Sand and trace Roots	
	2	2-4	2.6	0.6		Brown to light brown fine to coarse SAND, trace fine Sand and angular Gravel	Boring backfilled with Bentonite to grade
	3	4-5		0.3		As above, with trace fine to coarse sub-angular Gravel	
5 5	4	5-6		0.0		Light brown fine SAND, trace coarse Sand, little to some fine to medium sub-angular Gravel	
	5	6-8	2.9	0.1		Light brown fine SAND, trace Silty Clay, moist at 6.2' bgs.	
	6	8-10		0.0		Light brown to reddish-brown fine SAND, trace Silt and fine Gravel from 9'-10' bgs, saturated	
10 10	7	10-12	2.7	0.0		Brown coarse SAND, little to some sub-angular fine to medium Gravel	
	8	12-14		0.0		Light brown coarse SAND, trace fine Sand and fine to medium sub-angular Gravel	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (2-5) (no pesticides/herbicides).

Date Start/Finish: 1/31/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** CRA-20 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.6	0.0		Brown fine SAND, little Silt, medium to coarse Sand, little fine to coarse Gravel	
	2	2-4	1.6	0.1		As above, dark brown color.	Boring backfilled with Bentonite to grade.
	3	4-5	0.5	0.1		Brown fine to medium SAND, little coarse Sand, trace fine Gravel	
5 5	4	5-6	0.5	0.1		Brown fine to medium SAND, little coarse Sand, trace fine to coarse Gravel	
	5	6-8	1.0	0.1			
	6	8-10	1.0	0.1			
10 10	7	10-12	1.0	0.2			
	8	12-14	1.0	0.1		Dark brown to black fine SAND, little Ash and Slag, trace Brick	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14). App IX+3 (2-5) (no pesticides/herbicides).

Date Start/Finish: 1/31/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** CRA-21 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-2	1.4	0.1		Brown fine to medium SAND, little coarse Sand and fine to medium Gravel.	Boring backfilled with Bentonite to grade
	2	2-4	1.4	0.1		Dark brown fine SAND, little medium to coarse Sand, trace fine Gravel.	
	3	4-5	0.5	0.1			
5 5	4	5-6	0.5	0.1		Brown fine SAND and SILT, little medium to coarse Sand, trace fine Gravel.	
	5	6-8	1.0	0.3			
	6	8-10	1.25	0.1		Brown fine SAND and SILT, little medium to coarse Sand, trace fine to coarse Gravel, trace Brick	
10 10	7	10-12	1.25	0.1			
	8	12-14	1.4	0.1		Brown fine SAND and SILT, little medium to coarse Sand, trace fine Gravel	
15 15							

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (0-2) (no pesticides/herbicides). Duplicate ID: CRA-DUP-1: PCBs (5-14). MS/MSD collected for PCBs (5-14).

Date Start/Finish: 1/31/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 14' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** CRA-22 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0 0	1	0-2	1.85	0.0		Brown fine SAND and SILT, trace coarse Sand and Roots
	2	2-4	1.85	0.0		Brown SILT, trace fine Sand
	3	4-5	0.9	0.0		Brown SILT, little fine Sand, trace coarse Sand
5 5	4	5-6	0.9	0.0		
	5	6-8	1.85	0.0		Reddish-brown SAND and SILT
	6	8-10	1.7	0.0		Brown to reddish-brown fine SAND, little medium Sand and Silt, trace coarse Gravel
10 10	7	10-12	1.7	0.0		Brown fine SAND, little Silt
	8	12-14	1.6	0.0		Olive-brown SILT, little coarse Sand, trace fine Gravel
15 15						

Boring Construction: Boring backfilled with Bentonite to grade

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Remarks: Analyses: PCBs (0-2, 2-5, 5-14); App IX+3 (5-14) (no pesticides/herbicides).

Date Start/Finish: 1/31/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 2' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** X-17 **Client:** General Electric Company **Location:** Future City Recreational Area East Street Area 2 - South

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	0	1	0-2	1.5	0.5		Dark brown fine SAND and SILT, trace medium to coarse Sand and fine Gravel, trace Roots.	Boring backfilled with Bentonite to grade.
5	5							
10	10							
15	15							

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Remarks: Analyses: PCDDs/PCDFs (0-2).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-1 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	0.0		Dark brown fine SAND and SILT, little medium to coarse Sand and fine Gravel, trace Brick, Slag, and Roots.	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1); App IX+3 (0-1) (no pesticides/herbicides). MS/MSD collected for PCBs (0-1); App IX+3 (0-1).

Date Start/Finish: 1/24/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** RAA4-2 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	2.8	1.7		Tan to reddish-brown fine SAND, trace Roots, Grass, and sub-angular Gravel.	Boring backfilled with Bentonite to grade
	2	1-3		3.1		Brown fine to medium SAND, some Coal and Slag, trace sub-rounded Gravel	
	3	3-4		7.6		Dark brown to brown medium SAND, some sub-rounded Gravel and trace coarse Sand	
5 5	4	4-6	2.1	255		Dark brown medium to coarse SAND, some Coal, Slag, and strong odor of Coal Tar	
	5	6-8		844			
	6	8-10	2.3	702		Dark brown to brown fine to coarse SAND, trace Silt and fine to medium sub-angular Gravel, strong odor and sheen at 8.7' bgs.	
10 10	7	10-12		398			
	8	12-14	1.6	4.0		Dark to light brown fine to coarse SAND, some black Slag and Sandstone Gravel, some odor	
	9	14-15		14.4		Dark brown to brown coarse SAND, little to some sub-angular fine Gravel, slight Coal Tar odor	
15 15							

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (6-15) (no pesticides/herbicides). MS/MSD collected for App IX+3 (6-15).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-3 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.9	0.1		Brown fine SAND and SILT, little coarse Sand, trace medium Gravel, Slag, and Roots.	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1).

Date Start/Finish: 1/24/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papalio	**Boring ID:** RAA4-4 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	3.2	0.7		Dark brown to brown fine SAND, trace Grass, Roots, and sub-angular Gravel	Boring backfilled with Bentonite to grade
	2	1-3		0.3		Dark brown to brown fine to coarse SAND, little to some sub-angular fine to medium Gravel and trace Coal	
	3	3-4		1.4		As above, no Coal present	
5 5	4	4-6	2.3	7.7		Fine to coarse SAND, some Silt, some fine to medium sub-angular Gravel	
	5	6-8		1.7			
10 10	6	8-10	1.9	2.3		Fine SAND and SILT, little to fine to coarse rounded Sandstone Gravel and weathered Coal, trace medium to coarse Sand	
	7	10-12		0.7			
	8	12-14	2.1	9999		Fine SAND, little Silt, trace light brown fine to medium Sand with slight odor, wet	
15 15	9	14-15		5960		Light brown to brown fine SAND and SILT, visible product, sheen, and strong odor present (Coal Tar)	

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (6-15) (no pesticides/herbicides).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-5 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.9	0.0		Brown fine SAND and SILT, little medium to coarse Sand, trace Slag and Roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1); App IX+3 (0-1)
(no pesticides/herbicides).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-6 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0	6	1	0-1	0.9	0.0		Brown fine SAND and SILT, little medium to coarse Sand, trace fine Gravel, Slag, and Roots	Boring backfilled with Bentonite to grade
5	5							
10	10							
15	15							

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Remarks: Analyses: PCBs (0-1).

Project: 101.11.001 Template: J:/Rockware/Logplot2001/Logfiles/10111/FutureCity.ldf
Data File:RAA4-6.dat Date: 4/3/01

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-7 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.9	0.0		Brown fine SAND and SILT, little medium to coarse Sand, trace Roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-8 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	0.0		Brown fine SAND and SILT, little medium to coarse Sand, trace Roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1), App IX+3 (0-1)
(no pesticides/herbicides). Duplicate ID: RAA4-DUP-1 (0-1)

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-9 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, little medium to coarse Sand, trace Roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-10 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	0.0		Dark brown fine SAND, some Silt, little medium to coarse Sand, little fine Gravel; trace roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1), App IX+3 (0-1) (no pesticides/herbicides).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-11 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.8	0.0		Brown fine SAND, little Silt, medium to coarse Sand and fine Gravel, trace Roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1)

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-12 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	0.0		Brown fine SAND, little Silt, medium to coarse Sand and fine Gravel, trace Roots.	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-13 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	744		Dark brown fine SAND and SILT, little medium to coarse Sand, little Wood, trace fine Gravel and Roots.	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1); App IX+3 (0-1)
(no pesticides/herbicides)

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-14 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.8	0.1		Dark brown fine SAND, some medium to coarse Sand, little Silt, trace Roots.	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1).

Date Start/Finish: 1/30/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 1' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-15 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	NA		Dark brown fine SAND, some Silt, little medium to coarse Sand, trace Roots	Boring backfilled with Bentonite to grade
5 5							
10 10							
15 15							

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Remarks: Analyses: PCBs (0-1); App IX+3 (0-1) (no pesticides/herbicides).

Date Start/Finish: 1/24/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Bob Papallo	**Boring ID:** RAA4-16 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	3.8	1.8		Brown fine to coarse SAND, trace sub-angular Gravel, frozen.	Boring backfilled with Bentonite to grade
	2	1-3		219		Brown to black coarse SAND. Fine to coarse sub-angular GRAVEL, trace Slag and Organic Matter, slight odor.	
	3	3-4		1382		Brown to black coarse SAND, little to some fine to medium sub-angular Gravel, odor.	
5 5	4	4-6	3.2	2104		Dark brown to black fine to coarse SAND, little to some fine to medium sub-angular Gravel, trace black stains, slight to medium odor.	
	5	6-8		9999		Light brown fine SAND, trace coarse coarse Sand, fine to medium sub-angular Gravel, and Silt.	
	6	8-10	2.6	9999		Light brown fine SAND, some coarse Sand, trace Silt with sub-angular Gravel, faint odor.	
10 10	7	10-12		4702		Olive-brown to black fine SAND, trace coarse Sand and Silt, fine to coarse angular to sub-angular Gravel, Coal Tar odor.	
	8	12-14	3.9	9999		Black to light brown fine to coarse SAND, trace fine Gravel, product, sheen, strong odor from 13.5' - 14' bgs.	
	9	14-15		9999		Black fine SAND and SILT, very strong odor, slight sheen and Organic Matter from 14' - 14.3' bgs.	
15 15							

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (6-15) (no pesticides/herbicides).

Date Start/Finish: 1/29/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-17 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0 0	1	0-1	0.9	0.5		Brown SILT, little fine Sand, trace medium to coarse Sand and Roots
	2	1-3	1.9	0.3		Brown fine SAND and SILT, little medium to coarse Sand and fine Gravel
	3	3-4	0.9	0.3		
5 5	4	4-6	1.0	0.3		Brown fine SAND and SILT, trace medium to coarse Sand, trace fine Gravel
	5	6-8	1.0	0.6		
10 10	6	8-10	1.1	0.3		Brown fine SAND and SILT, trace coarse Sand and fine Gravel, moist
	7	10-12	1.1	0.2		
	8	12-14	2.0	0.6		Light brown SILT, little fine Sand, wet
15 15	9	14-15	0.9	36.5		Dark gray fine SAND, little medium to coarse Sand, petroleum odor

Boring Construction

Boring backfilled with Bentonite to grade

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (0-1) (no pesticides/herbicides).

Date Start/Finish: 1/29/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-18 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.7	0.3		Brown fine SAND, little Silt, trace medium to coarse Sand and Roots	
	2	1-3	1.4	0.2		Brown SILT, little fine Sand, trace coarse Sand, trace fine to medium Gravel	Boring backfilled with Bentonite to grade
	3	3-4	0.7	0.1		Light brown fine SAND and SILT, trace medium to coarse Sand and fine Gravel	
5 5	4	4-6	1.2	0.3			
	5	6-8	1.2	0.3			
	6	8-10	1.4	0.2			
10 10	7	10-12	1.4	0.1		Light brown fine to medium SAND, some coarse Sand, trace fine Gravel	
	8	12-14	2.0	2.3		Light brown fine SAND, trace Silt	
	9	14-15	1.0	3.9		As above, slight odor	
15 15							

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (1-6) (no pesticides/herbicides).

Date Start/Finish: 1/29/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-19 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0 0	1	0-1	0.7	0.1		Brown fine SAND and SILT, little coarse Sand, trace Roots.
	2	1-3	1.4	0.1		Brown fine SAND, little medium to coarse Sand and trace fine to coarse Gravel
	3	3-4	0.7	0.1		Brown fine SAND, little Silt, trace coarse Sand.
5 5	4	4-6	1.7	0.1		Brown fine SAND, trace Silt and coarse Sand
	5	6-8	1.7	0.1		Light brown fine SAND and SILT, moist
	6	8-10	1.6	0.0		Brown fine SAND, little coarse Sand, trace medium Gravel
10 10	7	10-12	1.6	0.0		Brown fine SAND, trace coarse Sand and fine Gravel
	8	12-14	2.0	0.0		Brown fine SAND and SILT
	9	14-15	1.0	0.0		
15 15						

Boring Construction: Boring backfilled with Bentonite to grade

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (0-1, 1-6) (no pesticides/herbicides). Duplicate ID :RAA4-DUP-1: PCBs (6-15). MS/MSD collected for PCBs (6-15).

Date Start/Finish: 1/29/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-20 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	1.0	0.0		Dark brown fine SAND, little medium to coarse Sand, trace Roots	
	2	1-3	2.0	0.0		Brown fine SAND and SILT, trace coarse Sand and fine Gravel	Boring backfilled with Bentonite to grade.
	3	3-4	0.9	0.0			
5 5	4	4-6	1.45	0.0		Brown SILT, little fine Sand, trace coarse Sand and fine Gravel	
	5	6-8	1.45	0.0			
	6	8-10	1.4	0.0		Brown fine SAND and SILT, little medium to coarse Sand, trace fine Gravel, moist	
10 10	7	10-12	1.4	0.2		Brown fine SAND and SILT, trace medium to coarse Sand, trace Organics, moist	
	8	12-14	1.8	0.1		Brown SILT, little fine to coarse Sand, little Organics	
	9	14-15	0.8	0.0		Brownish-gray fine SAND, some medium Sand, little coarse Sand, trace fine Gravel	
15 15							

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15).

Date Start/Finish: 1/29/01 **Drilling Company:** BBL **Driller's Name:** Brett Kamienski **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-21 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.9	0.0		Dark brown fine SAND, little medium to coarse Sand, trace fine Gravel	
	2	1-3	1.8	0.0		Brown fine SAND, little Silt and medium to coarse Sand, trace fine Gravel	Boring backfilled with Bentonite to grade
	3	3-4	0.9	0.0			
5 5	4	4-6	1.4	0.0		Brown SILT, trace fine Sand and fine Gravel, moist	
	5	6-8	1.3	0.0		Brown SILT, little fine Sand, trace coarse Sand and fine Gravel	
	6	8-10	1.9	0.0		Brown SILT, little fine Sand, trace fine medium Gravel	
10 10	7	10-12	1.9	0.0		Brown SILT, little fine to medium Sand, trace coarse Sand and fine Gravel	
	8	12-14	2.0	0.0		Brown CLAY, some Silt, moist	
	9	14-15	1.0	0.0			
15 15							

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (6-15)
(no pesticides/herbicides)

Date Start/Finish: 1/31/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** RAA4-22 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0	1	0-1	0.7	0.2		Brown fine SAND, little medium Sand and Silt, trace Roots	
	2	1-3	1.2	0.0		Brown fine SAND and SILT, little medium to coarse Sand.	Boring backfilled with Bentonite to grade
	3	3-4	0.6	0.1		Brown fine to medium SAND, little coarse Sand, trace fine Gravel	
5 5	4	4-6	1.6	0.1		Brown SILT, trace coarse Sand, moist.	
	5	6-8	1.6	0.1		Brown SILT, trace fine to coarse Sand, moist.	
	6	8-10	1.5	0.1		Brown SILT, little fine Sand, moist	
10 10	7	10-12	1.5	0.1		Brown fine SAND, some Silt, trace medium to coarse Sand, moist.	
	8	12-14	1.6	0.1		Brown CLAY and SILT	
	9	14-15	0.8	0.1		Brownish-gray fine SAND, little coarse Sand, moist.	
15 15							

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Remarks: Analyses: PCBs (0-1, 1-6, 6-15); App IX+3 (1-6) (no pesticides/herbicides).

Date Start/Finish: 1/31/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** X-16 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0							
	NA	NA	NA	NA			Boring backfilled with Bentonite to grade
5 5	1	6-8	0.9	0.3		Brown fine to medium SAND, little coarse Sand, trace fine Gravel.	
	2	8-10	1.0	1.0		Brown fine SAND and SILT, little medium to coarse Gravel Gray fine SAND, trace medium to coarse Sand.	
10 10	3	10-12	1.0	0.6		Reddish-brown fine SAND	
	4	12-14	1.2	0.2		Brown fine SAND, trace medium Sand.	
15 15	5	14-15	0.6	16.3		Dark gray to black fine SAND, trace medium to coarse Sand and coarse gravel, strong petroleum odor	

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Remarks: Analyses: PCDDs/PCDFs (6-15).

Date Start/Finish: 2/1/01 **Drilling Company:** BBL **Driller's Name:** James Boland **Drilling Method:** Direct Push **Bit Size:** 1.5-inch x 4 feet **Auger Size:** NA **Rig Type:** Tractor-Mounted Direct Push Rig **Sampling Method:** Macrocore	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 15' below grade **Surface Elevation:** NA **Descriptions By:** Stephen Lewitt	**Boring ID:** X-18 **Client:** General Electric Company **Location:** East Street Area 2 - South

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0 0							
	NA	NA	NA	NA			Boring backfilled with Bentonite to grade
5 5							
	1	6-8	1.5	0.1		Brown fine SAND and SILT, little medium to coarse Sand and fine Gravel, trace Cobbles, moist from 8' - 12' bgs.	
	2	8-10	1.0	0.0			
10 10	3	10-12	1.0	0.1			
	4	12-14	1.6	4100		Black fine to medium SAND and GRAVEL, strong petroleum odor Black fine SAND and SILT, little medium to coarse Sand and fine Gravel	
	5	14-15	0.8	1280		Black fine SAND and SILT, some Clay, trace coarse Sand, strong petroleum odor	
15 15							

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Remarks: Analyses: PCDDs/PCDFs (6-15).

Appendix B

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Soil Sampling Data Validation Report

APPENDIX B
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PRE-DESIGN INVESTIGATION REPORT FOR PORTION OF EAST AREA 2-SOUTH – FUTURE CITY RECREATIONAL AREA

SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This attachment summarizes the Tier I and Tier II data review performed for soil samples collected pre-design investigation activities at a portion of the East Street Area 2-South Removal Action Area, including the Future City Recreational Area, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264 plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia and Paradigm Analytical Laboratories, Inc. of Wilmington, North Carolina. Data validation was performed for 117 polychlorinated biphenyls (PCBs) samples, 55 volatile organic compounds (VOCs) samples, 47 semi-volatile organic compounds (SVOCs) samples, 43 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 47 metals samples, and 47 cyanide/sulfide samples that were collected.

2.0 Data Evaluation Procedures

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

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. (approved October 17, 2000);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and,
- *National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).*

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

The following data qualifiers have been used in this data evaluation.

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

U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table 1 for consistency with previous documents prepared for this investigation.

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

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

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100 percent of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91) to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

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

	Tier I Only			Tier I &Tier II			
Parameter	**Samples**	**Duplicates**	**Blanks**	**Samples**	**Duplicates**	**Blanks**	**Total**
PCBs	24	1	2	82	3	5	117
VOCs	0	0	0	35	2	18	55
SVOCs	0	0	0	35	3	9	47
PCDDs/PCDFs	0	0	0	28	7	8	43
Metals	0	0	0	35	3	9	47
Cyanide/Sulfide	0	0	0	35	3	9	47
Total	24	1	2	250	22	58	356

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

As specified in the FSP/QAPP, approximately 25 percent of the laboratory sample delivery group packages were randomly chosen to be subjected to a Tier II review. A Tier II review was also performed to resolve data usability limitations that were identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 93 percent of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

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

4.0 Data Review

Initial calibration criterion for organic analyses requires that the average relative response factor (RRF) have a value greater than 0.05. Sample results were qualified as an estimate (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	55	J
	Acetonitrile	21	J
	Acrolein	55	J
	Isobutanol	55	J
	Propionitrile	55	J
SVOCs	Aramite	47	J

Continuing calibration criterion for organic analyses requires that the continuing calibration RRF have a value greater than 0.05. Sample results were qualified as an estimate (J) when this criterion was exceeded. The compounds that exceeded continuing calibration criterion and the number of samples qualified are presented below.

Analysis Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	4-Nitroquinoline-1-oxide	37	J
	Hexachlorophene	47	J
	Methapyrilene	32	J
	Pentachloronitrobenzene	21	J

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

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

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	5	J
	2-Chloroethylvinylether	11	J
	2-Hexanone	4	J
	Acetonitrile	10	J
	Dichlorodifluoromethane	1	J
	Isobutanol	5	J
	Trichlorofluoromethane	15	J
SVOCs	1,2,4,5-Tetrachlorobenzene	4	J
	1,3,5-Trinitrobenzene	1	J
	1,3-Dinitrobenzene	7	J
	1,4-Naphthoquinone	2	J
	1-Naphthylamine	20	J
	2,4-Dinitrophenol	4	J
	2,6-Dinitrotoluene	5	J
	2-Acetylaminofluorene	7	J
	2-Naphthylamine	5	J
	2-Nitroaniline	5	J
	3&4-Methylphenol	1	J
	3,3'-Dichlorobenzidine	20	J
	3,3'-Dimethylbenzidine	14	J
	3-Methylcholanthrene	18	J
	4-Aminobiphenyl	9	J
	4-Chloroaniline	6	J
	4-Nitrophenol	8	J
	4-Nitroquinoline-1-oxide	21	J
	7,12-Dimethylbenz(a)anthracene	8	J
	a,a'-Dimethylphenethylamine	5	J
	Acetophenone	6	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
	Aramite	7	J
	Benzidine	18	J
	Benzo(g,h,i)perylene	6	J
	bis(2-Chloroisopropyl)ether	30	J
	Butylbenzylphthalate	13	J
	Dibenzo(a,h)anthracene	6	J
	Ethyl Methanesulfonate	11	J
	Hexachlorocyclopentadiene	15	J
	Hexachloroethane	2	J
SVOCs	Hexachlorophene	19	J
	Hexachloropropene	30	J
	Isodrin	2	J
	Methapyrilene	13	J
	N-Nitroso-di-n-butylamine	22	J
	N-Nitrosomorpholine	29	J
	N-Nitrosopyrrolidine	6	J
	o,o,o-Triethylphosphorothioate	17	J
	o-Toluidine	3	J
	p-Dimethylaminoazobenzene	6	J
	Pentachloroethane	15	J
	Pentachloronitrobenzene	9	J
	Phenacetin	9	J
	Pyridine	18	J
	Thionazin	2	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120 percent to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120 percent control limits, the affected samples with detected results at or near the PQL concentration (less than 3 times the PQL) were qualified as approximated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented below.

Analytes Qualified Due to CRDL Standard Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Antimony	8	J
	Cadmium	5	J
	Lead	1	J
	Selenium	22	J
	Thallium	9	J

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at ten times the blank concentrations for the common laboratory contaminant compounds (OCDD and OCDF) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified with a "U". The analytes detected in the method blanks and which resulted in qualification of sample data are presented below.

Compounds Qualified Due to Blank Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	2	U
	1,2,3,4,6,7,8-HpCDF	3	U
	1,2,3,4,7,8-HxCDF	1	U
	1,2,3,6,7,8-HxCDF	1	U
	1,2,3,7,8,9-HxCDF	1	U
	1,2,3,7,8-PeCDF	2	U
	2,3,7,8-TCDF	1	U
	HpCDFs (total)	1	U
	OCDD	7	U
	OCDF	1	U
	PeCDDs (total)	1	U

Matrix spike (MS) sample analysis recovery criteria for inorganics require that spike recoveries be between 75 and 125 percent and for organics require that the MS recoveries be within the laboratory generated QC acceptance limits specified on the MS reporting form. Inorganic sample results that exceeded these limits but, had MS recoveries greater than 30 percent were qualified as approximated (J). Organic sample results that exceeded laboratory generated QC acceptance limits and have MS recoveries greater than 10 percent were qualified as approximated (J). Organic sample results with MS recoveries less than 10 percent were qualified as rejected (R). Analytes that did not meet MS recovery criteria and the samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	Number of Affected Samples	Qualification
Inorganics	Antimony	4	J
	Mercury	1	J
	Sulfide	3	J
VOCs	Toluene	1	J
PCBs	Aroclor-1016	1	R
	Aroclor-1221	1	R
	Aroclor-1232	1	R
	Aroclor-1242	1	R
	Aroclor-1248	1	R
	Aroclor-1254	1	R
	Aroclor-1260	1	R
	Total PCBs	1	R

The analytical laboratory is required to analyze one sample per analytical batch using a 5-fold dilution to evaluate matrix interference. Analytes with results greater than 50 times the IDL in the undiluted sample are evaluated to determine if a matrix interference exists. These analytes are required to have less than a 10 percent difference (%D) between sample results from the undiluted sample and results for the same sample analyzed with a 5-fold dilution. Detected results that were greater than 50 times the IDL were qualified as approximated (J) for analytes with a %D greater than 10 percent. The inorganic analytes that did not meet ICP serial dilution requirements and the number of samples qualified due to those requirements are presented below.

Analytes Qualified Due to ICP Serial Dilution Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Lead	7	J
	Zinc	7	J

5.0 Overall Data Usability

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

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
Volatile Organics	100	None
Semivolatile Organics	100	None
PCBs	99.1	A total of 8 PCBs sample results were rejected due to MS recovery deviations
PCDDs/PCDFs	100	None

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

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate

sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.13 percent of the data were qualified for ICP serial dilution deviations. None of the data required qualification for laboratory duplicate RPD deviations, MS/MSD RPD deviations, or field duplicate RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system, or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, laboratory control standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 8.3 percent of the data required qualification for calibration deviations, 0.45 percent of the data required qualification for CRDL standard recoveries, and 0.15 percent of the data required qualification for MS/MSD recoveries. None of the data required qualification for surrogate compound recovery deviations, internal standard recovery deviations, and LCS recovery deviations.

5.3 Representativeness

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

5.4 Comparability

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

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

criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.1 percent to 100 percent for individual analytical parameters and had an overall usability of 99.9 percent, which is greater than the minimum required usability of 90 percent as specified in the FSP/QAPP.

In conclusion, the rejected sample data for these investigations include sample analyses results for 8 PCBs at one sample location (RAA4-1 (0 - 1)) due to low MS recoveries deviations. Due to the matrix interference, additional sampling and reanalysis for these compounds is not recommended since subsequent reanalysis would also be subject to the same analytical performance limitations.

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
1A0P416	CRA-1 (0 - 2)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-1 (2 - 5)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-1 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-2 (0 - 2)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-2 (2 - 5)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-2 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-3 (0 - 2)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-3 (2 - 5)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-3 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-DUP-1 (5 - 14)	1/17/01	Soil	Tier II	No						Duplicate of CRA-3
1A0P416	CRA-RB-1	1/17/01	Water	Tier II	No						
1A0P448	CRA-4 (0 - 2)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-4 (2 - 5)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-4 (5 - 14)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-5 (0 - 2)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-5 (2 - 5)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-5 (5 - 14)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-6 (0 - 2)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-6 (2 - 5)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-6 (5 - 14)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-7 (0 - 2)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-7 (2 - 5)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-7 (5 - 14)	1/18/01	Soil	Tier I	No						
1A0P448	CRA-DUP-1 (5 - 14)	1/18/01	Soil	Tier I	No						Duplicate of CRA-7
1A0P448	CRA-RB-1	1/18/01	Water	Tier I	No						
1A0P496	CRA-14 (0 - 2)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-14 (2 - 5)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-14 (5 - 14)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-15 (0 - 2)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-15 (2 - 5)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-15 (5 - 14)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-16 (0 - 2)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-16 (2 - 5)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-16 (5 - 14)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-17 (0 - 2)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-17 (2 - 5)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-17 (5 - 14)	1/19/01	Soil	Tier I	No						
1A0P496	CRA-RB-1	1/19/01	Water	Tier I	No						
1A0P519	CRA-10 (0 - 2)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-10 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-10 (5 - 14)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-8 (0 - 2)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-8 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-8 (5 - 14)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-9 (0 - 2)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-9 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-9 (5 - 14)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-RB-1	1/22/01	Water	Tier II	No						
1A0P545	CRA-11 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-11 (2 - 5)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-11 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-12 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-12 (2 - 5)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-12 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-13 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-13 (2 - 5)	1/23/01	Soil	Tier II	No						

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (continued)											
1A0P128	RAA1-DUP-15 (0 - 1)	1/5/01	Soil	Tier II	No						Duplicate of RAA1-11
1A0P545	CRA-13 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-18 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-18 (2 - 5)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-18 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-19 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-19 (2 - 5)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-19 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-RB-1	1/23/01	Water	Tier II	No						
1A0P592	CRA-RB-1	1/24/01	Water	Tier II	No						
1A0P592	RAA4-16 (0 - 1)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-16 (1 - 6)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-16 (6 - 15)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-2 (0 - 1)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-2 (1 - 6)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-2 (6 - 15)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-4 (0 - 1)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-4 (1 - 6)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-4 (6 - 15)	1/24/01	Soil	Tier II	No						
1A0P691	RAA4-17 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-17 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-17 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-18 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-18 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-18 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-20 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-20 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-20 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-21 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-21 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-21 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-DUP-1	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-RB-1	1/29/01	Soil	Tier II	No						Duplicate of RAA4-19
1A0P716	RAA4-1 (0 - 1)	1/30/01	Soil	Tier II	Yes	Aroclor-1016	MS %R	0.0%	50% to 130%	R	
						Aroclor-1221	MS %R	0.0%	50% to 130%	R	
						Aroclor-1232	MS %R	0.0%	50% to 130%	R	
						Aroclor-1242	MS %R	0.0%	50% to 130%	R	
						Aroclor-1248	MS %R	0.0%	50% to 130%	R	
						Aroclor-1254	MS %R	0.0%	50% to 130%	R	
						Aroclor-1260	MS %R	0.0%	50% to 130%	R	
						Total PCBs	MS %R	0.0%	50% to 130%	R	
1A0P716	RAA4-10 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-11 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-12 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-13 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-14 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-15 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-3 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-5 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-6 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-7 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-8 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-9 (0 - 1)	1/30/01	Soil	Tier II	No						
PCBs (continued)											

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
1A0P716	RAA4-DUP-1	1/30/01	Soil	Tier II	No						Duplicate of RAA4-8
1A0P716	RAA4-RB-1	1/30/01	Water	Tier II	No						
1B0P010	CRA-20 (0 - 2)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-20 (2 - 5)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-20 (5 - 14)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-21 (0 - 2)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-21 (2 - 5)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-21 (5 - 14)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-22 (0 - 2)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-22 (2 - 5)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-22 (5 - 14)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-DUP-1	1/31/01	Soil	Tier II	No						Duplicate of CRA-21
1B0P010	X-RB-1	1/31/01	Water	Tier II	No						
1B0P010	RAA4-22 (0 - 1)	1/31/01	Soil	Tier II	No						
1B0P010	RAA4-22 (1 - 6)	1/31/01	Soil	Tier II	No						
1B0P010	RAA4-22 (6 - 15)	1/31/01	Soil	Tier II	No						
Metals											
1A0P416	CRA-1 (5 - 14)	1/17/01	Soil	Tier II	Yes	Cadmium	CRDL Standard %R	137.6%	80% to 120%	ND(1.90) J	
						Selenium	CRDL Standard %R	76.3%	80% to 120%	ND(0.960) J	
						Thallium	CRDL Standard %R	72.5%	80% to 120%	ND(1.90) J	
						Antimony	MS %R	67.8%	75% to 125%	ND(12.0) J	
						Lead	Serial Dilution	77.7%	<10%	14.0 J	
						Zinc	Serial Dilution	76.9%	<10%	56.0 J	
1A0P416	CRA-2 (2 - 5)	1/17/01	Soil	Tier II	Yes	Cadmium	CRDL Standard %R	137.6%	80% to 120%	ND(2.10) J	
						Selenium	CRDL Standard %R	76.3%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	72.5%	80% to 120%	ND(2.10) J	
						Antimony	MS %R	67.8%	75% to 125%	ND(13.0) J	
						Lead	Serial Dilution	77.7%	<10%	12.0 J	
						Zinc	Serial Dilution	76.9%	<10%	61.0 J	
1A0P416	CRA-3 (5 - 14)	1/17/01	Soil	Tier II	Yes	Cadmium	CRDL Standard %R	137.6%	80% to 120%	ND(2.10) J	
						Selenium	CRDL Standard %R	76.3%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	72.5%	80% to 120%	ND(2.10) J	
						Antimony	MS %R	67.8%	75% to 125%	ND(13.0) J	
						Lead	Serial Dilution	77.7%	<10%	24.0 J	
						Zinc	Serial Dilution	76.9%	<10%	98.0 J	
1A0P416	CRA-DUP-2 (5 - 14)	1/17/01	Soil	Tier II	Yes	Cadmium	CRDL Standard %R	137.6%	80% to 120%	ND(1.90) J	Duplicate of CRA-3
						Antimony	MS %R	67.8%	75% to 125%	ND(11.0) J	
						Lead	Serial Dilution	77.7%	<10%	23.0 J	
						Zinc	Serial Dilution	76.9%	<10%	82.0 J	
1A0P416	CRA-RB-1	1/17/01	Water	Tier II	Yes	Cadmium	CRDL Standard %R	137.6%	80% to 120%	ND(0.0100) J	
1A0P448	CRA-5 (0 - 2)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-6 (2 - 5)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-7 (0 - 2)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-RB-1	1/18/01	Water	Tier II	Yes	Mercury	MS %R	37.0%	75% to 125%	ND(0.000200) J	
1A0P496	CRA-14 (0 - 2)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-15 (5 - 14)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-16 (0 - 2)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-17 (5 - 14)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-RB-1	1/19/01	Soil	Tier II	No						
1A0P519	CRA-10 (2 - 5)	1/22/01	Water	Tier II	Yes	Antimony	CRDL Standard %R	73.4%	80% to 120%	ND(12.0) J	
						Lead	CRDL Standard %R	70.5%	80% to 120%	18.0 J	
						Selenium	CRDL Standard %R	133.6%	80% to 120%	ND(1.00) J	
1A0P519	CRA-8 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-9 (5 - 14)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-RB-1	1/22/01	Water	Tier II	No						

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
1A0P545	CRA-11 (0 - 2)	1/23/01	Soil	Tier II	Yes	Antimony	CRDL Standard %R	120.0%	80% to 120%	ND(13.0) J	
						Thallium	CRDL Standard %R	130.0%	80% to 120%	ND(2.10) J	
1A0P545	CRA-12 (0 - 2)	1/23/01	Soil	Tier II	Yes	Antimony	CRDL Standard %R	120.0%	80% to 120%	ND(12.0) J	
						Thallium	CRDL Standard %R	130.0%	80% to 120%	ND(2.10) J	
1A0P545	CRA-13 (5 - 14)	1/23/01	Soil	Tier II	Yes	Antimony	CRDL Standard %R	120.0%	80% to 120%	ND(15.0) J	
						Thallium	CRDL Standard %R	130.0%	80% to 120%	ND(2.40) J	
1A0P545	CRA-18 (0 - 2)	1/23/01	Soil	Tier II	Yes	Antimony	CRDL Standard %R	120.0%	80% to 120%	ND(12.0) J	
						Thallium	CRDL Standard %R	130.0%	80% to 120%	ND(2.00) J	
1A0P545	CRA-19 (2 - 5)	1/23/01	Soil	Tier II	Yes	Antimony	CRDL Standard %R	120.0%	80% to 120%	ND(12.0) J	
						Thallium	CRDL Standard %R	130.0%	80% to 120%	ND(1.90) J	
1A0P545	CRA-DUP-2	1/23/01	Soil	Tier II	Yes	Antimony	CRDL Standard %R	120.0%	80% to 120%	ND(14.0) J	Duplicate of CRA-18
						Thallium	CRDL Standard %R	130.0%	80% to 120%	ND(2.30) J	
1A0P545	CRA-RB-1	1/23/01	Water	Tier II	No						
1A0P592	CRA-RB-1	1/24/01	Water	Tier II	No						
1A0P592	RAA4-16 (6 - 15)	1/24/01	Soil	Tier II	Yes	Lead	Serial Dilution	80.1%	<10%	13.0 J	
						Zinc	Serial Dilution	78.9%	<10%	52.0 J	
1A0P592	RAA4-2 (6 - 15)	1/24/01	Soil	Tier II	Yes	Lead	Serial Dilution	80.1%	<10%	34.0 J	
						Zinc	Serial Dilution	78.9%	<10%	91.0 J	
1A0P592	RAA4-4 (6 - 15)	1/24/01	Soil	Tier II	Yes	Lead	Serial Dilution	80.1%	<10%	17.0 J	
						Zinc	Serial Dilution	78.9%	<10%	54.0 J	
1A0P691	RAA4-17 (0 - 1)	1/29/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	57.6%	80% to 120%	ND(1.20) J	
1A0P691	RAA4-18 (1 - 6)	1/29/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	57.6%	80% to 120%	ND(0.850) J	
1A0P691	RAA4-19 (0 - 1)	1/29/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	57.6%	80% to 120%	ND(1.20) J	
1A0P691	RAA4-19 (1 - 6)	1/29/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	57.6%	80% to 120%	ND(0.810) J	
1A0P691	RAA4-21 (6 - 15)	1/29/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	57.6%	80% to 120%	ND(1.20) J	
1A0P691	RAA4-RB-1	1/29/01	Water	Tier II	Yes	Antimony	CRDL Standard %R	121.8%	80% to 120%	ND(0.00500) J	
1A0P716	RAA4-1 (0 - 1)	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.00) J	
1A0P716	RAA4-10 (0 - 1)	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.10) J	
1A0P716	RAA4-13 (0 - 1)	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.20) J	
1A0P716	RAA4-15 (0 - 1)	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.00) J	
1A0P716	RAA4-5 (0 - 1)	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.00) J	
1A0P716	RAA4-8 (0 - 1)	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(0.990) J	
1A0P716	RAA4-DUP-1	1/30/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.20) J	Duplicate of RAA4-8
1A0P716	RAA4-RB-1	1/30/01	Water	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(0.00500) J	
1B0P010	CRA-20 (2 - 5)	1/31/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(0.950) J	
1B0P010	CRA-21 (0 - 2)	1/31/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.10) J	
1B0P010	CRA-22 (5 - 14)	1/31/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.00) J	
1B0P010	RAA4-22 (1 - 6)	1/31/01	Soil	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(1.00) J	
1B0P010	X-RB-1	1/31/01	Water	Tier II	Yes	Selenium	CRDL Standard %R	127.8%	80% to 120%	ND(0.00500) J	
VOCs											
1A0P416	CRA-1 (5 - 14)	1/17/01	Soil	Tier II	Yes	2-Hexanone	CCAL %D	36.4%	<25%	ND(0.013) J	
						1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.008	>0.05	ND(0.26) J	
						Propionitrile	ICAL RRF	0.016	>0.05	ND(0.064) J	
						Toluene	MS %R	68.0%	75% to 125%	0.0046 J	
1A0P416	CRA-2 (2 - 5)	1/17/01	Soil	Tier II	Yes	2-Hexanone	CCAL %D	36.4%	<25%	ND(0.014) J	
						1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.008	>0.05	ND(0.28) J	
						Propionitrile	ICAL RRF	0.016	>0.05	ND(0.071) J	
1A0P416	CRA-3 (5 - 14)	1/17/01	Soil	Tier II	Yes	2-Hexanone	CCAL %D	36.4%	<25%	ND(0.071) J	
						1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.71) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.71) J	
						Isobutanol	ICAL RRF	0.008	>0.05	ND(1.4) J	
						Propionitrile	ICAL RRF	0.016	>0.05	ND(0.36) J	
VOCs (continued)											

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
1A0P416	CRA-DUP-2 (5 - 14)	1/17/01	Soil	Tier II	Yes	2-Hexanone	CCAL %D	36.4%	<25%	ND(0.064) J	Duplicate of CRA-3
						1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.64) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.64) J	
						Isobutanol	ICAL RRF	0.008	>0.05	ND(1.3) J	
						Propionitrile	ICAL RRF	0.016	>0.05	ND(0.32) J	
1A0P416	CRA-RB-1	1/17/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.010) J	
						Acrolein	ICAL RRF	0.03	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P416	Trip Blank	1/17/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.010) J	
						Acrolein	ICAL RRF	0.03	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P448	CRA-5 (0 - 2)	1/18/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.013	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.15) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(0.074) J	
1A0P448	CRA-6 (2 - 5)	1/18/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.013	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.15) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.29) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(0.073) J	
1A0P448	CRA-7 (0 - 2)	1/18/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.013	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.29) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(0.072) J	
1A0P448	CRA-RB-1	1/18/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.03	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P448	Trip Blank	1/18/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.03	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P496	CRA-14 (0 - 2)	1/19/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.26) J	
						Propionitrile	ICAL RRF	0.002	>0.05	ND(0.064) J	
1A0P496	CRA-15 (5 - 14)	1/19/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.15) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.30) J	
						Propionitrile	ICAL RRF	0.002	>0.05	ND(0.074) J	
1A0P496	CRA-16 (0 - 2)	1/19/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.27) J	
						Propionitrile	ICAL RRF	0.002	>0.05	ND(0.067) J	
1A0P496	CRA-17 (5 - 14)	1/19/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.012	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.13) J	
						Isobutanol	ICAL RRF	0.009	>0.05	ND(0.26) J	
						Propionitrile	ICAL RRF	0.002	>0.05	ND(0.064) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
1A0P496	CRA-RB-1	1/19/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 002	>0 05	ND(0 20) J	
						Acetonitrile	ICAL RRF	0 034	>0 05	ND(0 10) J	
						Acrolein	ICAL RRF	0 033	>0 05	ND(0 10) J	
						Isobutanol	ICAL RRF	0 001	>0 05	ND(0 20) J	
						Propionitrile	ICAL RRF	0 015	>0 05	ND(0 050) J	
1A0P496	Trip Blank	1/19/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 002	>0 05	ND(0 20) J	
						Acetonitrile	ICAL RRF	0 034	>0 05	ND(0 10) J	
						Acrolein	ICAL RRF	0 033	>0 05	ND(0 10) J	
						Isobutanol	ICAL RRF	0 001	>0 05	ND(0 20) J	
						Propionitrile	ICAL RRF	0 015	>0 05	ND(0 050) J	
1A0P519	CRA-10 (2 - 5)	1/22/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 27) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 067) J	
1A0P519	CRA-8 (2 - 5)	1/22/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 12) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 24) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 061) J	
1A0P519	CRA-9 (5 - 14)	1/22/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 25) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 064) J	
1A0P519	CRA-RB-1	1/22/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 002	>0 05	ND(0 20) J	
						Acetonitrile	ICAL RRF	0 034	>0 05	ND(0 10) J	
						Acrolein	ICAL RRF	0 033	>0 05	ND(0 10) J	
						Isobutanol	ICAL RRF	0 002	>0 05	ND(0 20) J	
						Propionitrile	ICAL RRF	0 011	>0 05	ND(0 050) J	
1A0P519	Trip Blank	1/22/01	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 002	>0 05	ND(0 20) J	
						Acetonitrile	ICAL RRF	0 034	>0 05	ND(0 10) J	
						Acrolein	ICAL RRF	0 033	>0 05	ND(0 10) J	
						Isobutanol	ICAL RRF	0 002	>0 05	ND(0 20) J	
						Propionitrile	ICAL RRF	0 011	>0 05	ND(0 050) J	
1A0P545	CRA-11 (0 - 2)	1/23/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 14) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 28) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 070) J	
1A0P545	CRA-12 (0 - 2)	1/23/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 14) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 28) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 069) J	
1A0P545	CRA-13 (5 - 14)	1/23/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 16) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 33) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 082) J	
1A0P545	CRA 18 (0 - 2)	1/23/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 27) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 067) J	
1A0P545	CRA-19 (2 - 5)	1/23/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 26) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 064) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
1A0P545	CRA-RB-1	1/23/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.033	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P545	Trip Blank	1/23/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.033	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P592	CRA-RB-1	1/24/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.033	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P592	Trip Blank	1/24/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	38.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.033	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P592	RAA4-16 (6 - 15)	1/24/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(33) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(16) J	
						Acrolein	ICAL RRF	0.033	>0.05	ND(16) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(33) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(8.2) J	
1A0P592	RAA4-2 (6 - 15)	1/24/01	Soil	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	33.2%	<25%	ND(0.43) J	
						Dichlorodifluoromethane	CCAL %D	37.2%	<25%	ND(0.87) J	
						1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(17) J	
						Acetonitrile	ICAL RRF	0.011	>0.05	ND(8.7) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(8.7) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(17) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(4.3) J	
1A0P592	RAA4-8 (6 - 15)	1/24/01	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.002	>0.05	ND(650) J	
						Acetonitrile	ICAL RRF	0.034	>0.05	ND(320) J	
						Acrolein	ICAL RRF	0.033	>0.05	ND(320) J	
						Isobutanol	ICAL RRF	0.002	>0.05	ND(650) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(160) J	
1A0P691	RAA4-17 (0 - 1)	1/29/01	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	36.8%	<25%	ND(0.20) J	
						Isobutanol	CCAL %D	26.8%	<25%	ND(0.32) J	
						Trichlorofluoromethane	CCAL %D	25.6%	<25%	ND(0.0080) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.16) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.32) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.080) J	
1A0P691	RAA4-18 (1 - 6)	1/29/01	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	36.8%	<25%	ND(0.20) J	
						Isobutanol	CCAL %D	26.8%	<25%	ND(0.23) J	
						Trichlorofluoromethane	CCAL %D	25.6%	<25%	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.23) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.057) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
1A0P691	RAA4-19 (0 - 1)	1/29/01	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	36.8%	<25%	ND(0.20) J	
						Isobutanol	CCAL %D	26.8%	<25%	ND(0.29) J	
						Trichlorofluoromethane	CCAL %D	25.6%	<25%	ND(0.0072) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.29) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.072) J	
1A0P691	RAA4-19 (1 - 6)	1/29/01	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	36.8%	<25%	ND(0.20) J	
						Isobutanol	CCAL %D	26.8%	<25%	ND(0.22) J	
						Trichlorofluoromethane	CCAL %D	25.6%	<25%	ND(0.0054) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.22) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.054) J	
1A0P691	RAA4-21 (6 - 15)	1/29/01	Soil	Tier II	Yes	1,4-Dioxane	CCAL %D	36.8%	<25%	ND(0.20) J	
						Isobutanol	CCAL %D	26.8%	<25%	ND(0.33) J	
						Trichlorofluoromethane	CCAL %D	25.6%	<25%	ND(0.0083) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.16) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.33) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.083) J	
1A0P691	RAA4-RB-1	1/29/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	33.2%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P691	Trip Blank	1/29/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	33.2%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.050) J	
1A0P716	RAA4-1 (0 - 1)	1/30/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28.8%	<25%	ND(0.14) J	
						Trichlorofluoromethane	CCAL %D	27.2%	<25%	ND(0.0069) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.14) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.28) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.069) J	
1A0P716	RAA4-10 (0 - 1)	1/30/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28.8%	<25%	ND(0.15) J	
						Trichlorofluoromethane	CCAL %D	27.2%	<25%	ND(0.0073) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.15) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.29) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.073) J	
1A0P716	RAA4-13 (0 - 1)	1/30/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28.8%	<25%	ND(0.17) J	
						Trichlorofluoromethane	CCAL %D	27.2%	<25%	ND(0.0083) J	
						1,4-Dioxane	ICAL RRF	0.014	>0.05	ND(0.20) J	
						Acrolein	ICAL RRF	0.013	>0.05	ND(0.17) J	
						Isobutanol	ICAL RRF	0.010	>0.05	ND(0.33) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.083) J	

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ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
1A0P716	RAA4-15 (0 - 1)	1/30/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 14) J	
						Trichlorofluoromethane	CCAL %D	27 2%	<25%	ND(0 0069) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 14) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 28) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 069) J	
1A0P716	RAA4-5 (0 - 1)	1/30/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 13) J	
						Trichlorofluoromethane	CCAL %D	27 2%	<25%	ND(0 0067) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 27) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 067) J	
1A0P716	RAA4-8 (0 - 1)	1/30/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 13) J	
						Trichlorofluoromethane	CCAL %D	27 2%	<25%	ND(0 0066) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 26) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 066) J	
1A0P716	RAA4-RB-1	1/30/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	26 4%	<25%	ND(0 0050) J	
						1,4-Dioxane	ICAL RRF	0 003	>0 05	ND(0 20) J	
						Acetonitrile	ICAL RRF	0 044	>0 05	ND(0 10) J	
						Acrolein	ICAL RRF	0 030	>0 05	ND(0 10) J	
						Isobutanol	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Propionitrile	ICAL RRF	0 011	>0 05	ND(0 050) J	
1A0P716	Trip Blank	1/30/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	26 4%	<25%	ND(0 0050) J	
						1,4-Dioxane	ICAL RRF	0 003	>0 05	ND(0 20) J	
						Acetonitrile	ICAL RRF	0 044	>0 05	ND(0 10) J	
						Acrolein	ICAL RRF	0 030	>0 05	ND(0 10) J	
						Isobutanol	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Propionitrile	ICAL RRF	0 011	>0 05	ND(0 050) J	
1B0P010	CRA-20 (2 - 5)	1/31/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 13) J	
						Trichlorofluoromethane	CCAL %D	37 6%	<25%	ND(0 0063) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 13) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 25) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 063) J	
1B0P010	CRA-21 (0 - 2)	1/31/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 14) J	
						Trichlorofluoromethane	CCAL %D	37 6%	<25%	ND(0 0071) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 14) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 28) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 071) J	
1B0P010	CRA-22 (5 - 14)	1/31/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 14) J	
						Trichlorofluoromethane	CCAL %D	37 6%	<25%	ND(0 0068) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 14) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 27) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 068) J	
1B0P010	RAA4-22 (1 - 6)	1/31/01	Soil	Tier II	Yes	Acetonitrile	CCAL %D	28 8%	<25%	ND(0 14) J	
						Trichlorofluoromethane	CCAL %D	37 6%	<25%	ND(0 0068) J	
						1,4-Dioxane	ICAL RRF	0 014	>0 05	ND(0 20) J	
						Acrolein	ICAL RRF	0 013	>0 05	ND(0 14) J	
						Isobutanol	ICAL RRF	0 010	>0 05	ND(0 27) J	
						Propionitrile	ICAL RRF	0 018	>0 05	ND(0 068) J	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
1B0P010	X-RB-1	1/31/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.10) J	
						1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(0.20) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.0050) J	
1B0P010	Trip Blank	1/31/01	Water	Tier II	Yes	2-Chloroethylvinylether	CCAL %D	26.4%	<25%	ND(0.10) J	
						1,4-Dioxane	ICAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.030	>0.05	ND(0.20) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.0050) J	
SVOCs											
1A0P416	CRA-1 (5 - 14)	1/17/01	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	CCAL %D	28.0%	<25%	ND(0.43) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.7%	<25%	ND(2.2) J	
						Benzo(g,h,i)perylene	CCAL %D	57.9%	<25%	ND(0.43) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.6%	<25%	ND(0.43) J	
						Butylbenzylphthalate	CCAL %D	50.5%	<25%	ND(0.86) J	
						Dibenzo(a,h)anthracene	CCAL %D	68.8%	<25%	ND(0.86) J	
						Hexachlorocyclopentadiene	CCAL %D	36.2%	<25%	ND(0.43) J	
						Hexachloropropene	CCAL %D	25.3%	<25%	ND(0.43) J	
						N-Nitrosomorpholine	CCAL %D	31.9%	<25%	ND(0.43) J	
						Phenacetin	CCAL %D	39.0%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(2.2) J	
						Hexachlorophene	CCAL RRF	0.041	>0.05	ND(0.86) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.86) J	
1A0P416	CRA-2 (2 - 5)	1/17/01	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	CCAL %D	28.0%	<25%	ND(0.47) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.7%	<25%	ND(2.4) J	
						Benzo(g,h,i)perylene	CCAL %D	57.9%	<25%	ND(0.47) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.6%	<25%	ND(0.47) J	
						Butylbenzylphthalate	CCAL %D	50.5%	<25%	ND(0.95) J	
						Dibenzo(a,h)anthracene	CCAL %D	68.8%	<25%	ND(0.95) J	
						Hexachlorocyclopentadiene	CCAL %D	36.2%	<25%	ND(0.47) J	
						Hexachloropropene	CCAL %D	25.3%	<25%	ND(0.47) J	
						N-Nitrosomorpholine	CCAL %D	31.9%	<25%	ND(0.47) J	
						Phenacetin	CCAL %D	39.0%	<25%	ND(2.4) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(2.4) J	
						Hexachlorophene	CCAL RRF	0.041	>0.05	ND(0.95) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.95) J	
1A0P416	CRA-3 (5 - 14)	1/17/01	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	CCAL %D	28.0%	<25%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.7%	<25%	ND(12) J	
						Benzo(g,h,i)perylene	CCAL %D	57.9%	<25%	34 J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.6%	<25%	ND(2.3) J	
						Butylbenzylphthalate	CCAL %D	50.5%	<25%	ND(4.7) J	
						Dibenzo(a,h)anthracene	CCAL %D	68.8%	<25%	6.5 J	
						Hexachlorocyclopentadiene	CCAL %D	36.2%	<25%	ND(2.3) J	
						Hexachloropropene	CCAL %D	25.3%	<25%	ND(2.3) J	
						N-Nitrosomorpholine	CCAL %D	31.9%	<25%	ND(2.3) J	
						Phenacetin	CCAL %D	39.0%	<25%	ND(12) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(12) J	
						Hexachlorophene	CCAL RRF	0.041	>0.05	ND(4.7) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(4.7) J	

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ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P416	CRA-DUP-2 (5 - 14)	1/17/01	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	CCAL %D	28.0%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.7%	<25%	ND(10) J	
						Benzo(g,h,i)perylene	CCAL %D	57.9%	<25%	33 J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.6%	<25%	ND(2.1) J	
						Butylbenzylphthalate	CCAL %D	50.5%	<25%	ND(4.2) J	
						Dibenzo(a,h)anthracene	CCAL %D	68.8%	<25%	5.5 J	
						Hexachlorocyclopentadiene	CCAL %D	36.2%	<25%	ND(2.1) J	
						Hexachloropropene	CCAL %D	25.3%	<25%	ND(2.1) J	
						N-Nitrosomorpholine	CCAL %D	31.9%	<25%	ND(2.1) J	
						Phenacetin	CCAL %D	39.0%	<25%	ND(10) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(10) J	
						Hexachlorophene	CCAL RRF	0.041	>0.05	ND(4.2) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(4.2) J	
1A0P416	CRA RB-1	1/17/01	Water	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	31.4%	<25%	ND(0.011) J	
						3&4-Methylphenol	CCAL %D	33.4%	<25%	ND(0.053) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	29.5%	<25%	ND(0.021) J	
						Benzidine	CCAL %D	39.5%	<25%	ND(0.053) J	
						N-Nitrosomorpholine	CCAL %D	31.9%	<25%	ND(0.021) J	
						p-Dimethylaminoazobenzene	CCAL %D	38.4%	<25%	ND(0.053) J	
						Pentachloroethane	CCAL %D	26.3%	<25%	ND(0.020) J	
						Pentachloronitrobenzene	CCAL %D	31.6%	<25%	ND(0.011) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.045	>0.05	ND(0.053) J	
						Hexachlorophene	CCAL RRF	0.038	>0.05	ND(0.020) J	
						Pentachloronitrobenzene	CCAL RRF	0.037	>0.05	ND(0.020) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.053) J	
1A0P448	CRA-5 (0 - 2)	1/18/01	Soil	Tier II	Yes	4-Chloroaniline	CCAL %D	32.6%	<25%	ND(1.1) J	
						Acetophenone	CCAL %D	25.5%	<25%	ND(0.54) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	42.0%	<25%	ND(0.54) J	
						Ethyl Methanesulfonate	CCAL %D	28.8%	<25%	ND(0.54) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.54) J	
						N-Nitroso-di-n-butylamine	CCAL %D	33.4%	<25%	ND(1.1) J	
						N-Nitrosopyrrolidine	CCAL %D	26.9%	<25%	ND(1.1) J	
						Pentachloronitrobenzene	CCAL %D	36.0%	<25%	ND(2.7) J	
						Pyridine	CCAL %D	28.2%	<25%	ND(0.54) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.04	>0.05	ND(2.7) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(1.1) J	
						Methapyrilene	CCAL RRF	0.039	>0.05	ND(2.7) J	
						Pentachloronitrobenzene	CCAL RRF	0.034	>0.05	ND(2.7) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.1) J	
1A0P448	CRA-6 (2 - 5)	1/18/01	Soil	Tier II	Yes	4-Chloroaniline	CCAL %D	32.6%	>0.05	ND(1.0) J	
						Acetophenone	CCAL %D	25.5%	<25%	ND(0.51) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	42.0%	<25%	ND(0.51) J	
						Ethyl Methanesulfonate	CCAL %D	28.8%	<25%	ND(0.51) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.51) J	
						N-Nitroso-di-n-butylamine	CCAL %D	33.4%	<25%	ND(1.0) J	
						N-Nitrosopyrrolidine	CCAL %D	26.9%	<25%	ND(1.0) J	
						Pentachloronitrobenzene	CCAL %D	36.0%	<25%	ND(2.6) J	
						Pyridine	CCAL %D	28.2%	<25%	ND(0.51) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.04	>0.05	ND(2.6) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(1.0) J	
						Methapyrilene	CCAL RRF	0.039	>0.05	ND(2.6) J	
						Pentachloronitrobenzene	CCAL RRF	0.034	>0.05	ND(2.6) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.0) J	

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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P448	CRA-7 (0 - 2)	1/18/01	Soil	Tier II	Yes	4-Chloroaniline	CCAL %D	32.6%	>0.05	ND(0.97) J	
						Acetophenone	CCAL %D	25.5%	<25%	ND(0.48) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	42.0%	<25%	ND(0.48) J	
						Ethyl Methanesulfonate	CCAL %D	28.8%	<25%	ND(0.48) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.48) J	
						N-Nitroso-di-n-butylamine	CCAL %D	33.4%	<25%	ND(0.97) J	
						N-Nitrosopyrrolidine	CCAL %D	26.9%	<25%	ND(0.97) J	
						Pentachloronitrobenzene	CCAL %D	36.0%	<25%	ND(2.4) J	
						Pyridine	CCAL %D	28.2%	<25%	ND(0.48) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.04	>0.05	ND(2.4) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.97) J	
						Methapyrilene	CCAL RRF	0.039	>0.05	ND(2.4) J	
						Pentachloronitrobenzene	CCAL RRF	0.034	>0.05	ND(2.4) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.97) J	
1A0P448	CRA-RB-1	1/18/01	Water	Tier II	Yes	4-Chloroaniline	CCAL %D	32.6%	>0.05	ND(0.020) J	
						Acetophenone	CCAL %D	25.5%	<25%	ND(0.011) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	42.0%	<25%	ND(0.011) J	
						Ethyl Methanesulfonate	CCAL %D	28.8%	<25%	ND(0.011) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.011) J	
						N-Nitroso-di-n-butylamine	CCAL %D	33.4%	<25%	ND(0.020) J	
						N-Nitrosopyrrolidine	CCAL %D	26.9%	<25%	ND(0.020) J	
						Pentachloronitrobenzene	CCAL %D	36.0%	<25%	ND(0.053) J	
						Pyridine	CCAL %D	28.2%	<25%	ND(0.011) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.04	>0.05	ND(0.053) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.021) J	
						Methapyrilene	CCAL RRF	0.039	>0.05	ND(0.053) J	
						Pentachloronitrobenzene	CCAL RRF	0.034	>0.05	ND(0.053) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.021) J	
1A0P496	CRA-14 (0 - 2)	1/19/01	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	35.3%	<25%	ND(10) J	
						3-Methylcholanthrene	CCAL %D	33.0%	<25%	ND(4.1) J	
						4-Nitrophenol	CCAL %D	26.3%	<25%	ND(10) J	
						4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(10) J	
						Aramite	CCAL %D	99.9%	<25%	ND(4.1) J	
						Benzidine	CCAL %D	48.4%	<25%	ND(4.1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.2%	<25%	ND(2.1) J	
						Hexachloropropene	CCAL %D	33.6%	<25%	ND(2.1) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(10) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(2.1) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.4%	<25%	ND(10) J	
						Phenacetin	CCAL %D	35.6%	<25%	ND(10) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(10) J	
						Hexachlorophene	CCAL RRF	0.017	>0.05	ND(4.1) J	
						Methapyrilene	CCAL RRF	0.030	>0.05	ND(10) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(4.1) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P496	CRA-15 (5 - 14)	1/19/01	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	35.3%	<25%	ND(2.5) J	
						3-Methylcholanthrene	CCAL %D	33.0%	<25%	ND(1.0) J	
						4-Nitrophenol	CCAL %D	26.3%	<25%	ND(2.5) J	
						4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(2.5) J	
						Aramite	CCAL %D	99.9%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	48.4%	<25%	ND(1.0) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.2%	<25%	ND(0.50) J	
						Hexachloropropene	CCAL %D	33.6%	<25%	ND(0.50) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(2.5) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(0.50) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.4%	<25%	ND(2.5) J	
						Phenacetin	CCAL %D	35.6%	<25%	ND(2.5) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(2.5) J	
						Hexachlorophene	CCAL RRF	0.017	>0.05	ND(1.0) J	
						Methapyrilene	CCAL RRF	0.030	>0.05	ND(2.5) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.0) J	
1A0P496	CRA-16 (0 - 2)	1/19/01	Soil	Tier II	Yes	4-Chloroaniline	CCAL %D	32.6%	<25%	ND(0.90) J	
						Acetophenone	CCAL %D	25.5%	<25%	ND(0.44) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	42.0%	<25%	ND(0.44) J	
						Ethyl Methanesulfonate	CCAL %D	28.8%	<25%	ND(0.44) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.44) J	
						Isodrin	CCAL %D	26.0%	<25%	ND(0.44) J	
						N-Nitroso-di-n-butylamine	CCAL %D	33.4%	<25%	ND(0.90) J	
						N-Nitrosopyrrolidine	CCAL %D	26.9%	<25%	ND(0.90) J	
						Pentachloronitrobenzene	CCAL %D	36.0%	<25%	ND(2.3) J	
						Pyridine	CCAL %D	28.2%	<25%	ND(0.44) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.040	>0.05	ND(2.3) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.90) J	
						Methapyrilene	CCAL RRF	0.039	>0.05	ND(2.3) J	
						Pentachloronitrobenzene	CCAL RRF	0.034	>0.05	ND(2.3) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.90) J	
1A0P496	CRA-17 (5 - 14)	1/19/01	Soil	Tier II	Yes	4-Chloroaniline	CCAL %D	32.6%	<25%	ND(1.0) J	
						Acetophenone	CCAL %D	25.5%	<25%	ND(0.50) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	42.0%	<25%	ND(0.50) J	
						Ethyl Methanesulfonate	CCAL %D	28.8%	<25%	ND(0.50) J	
						Hexachloropropene	CCAL %D	27.9%	<25%	ND(0.50) J	
						Isodrin	CCAL %D	26.0%	<25%	ND(0.50) J	
						N-Nitroso-di-n-butylamine	CCAL %D	33.4%	<25%	ND(1.0) J	
						N-Nitrosopyrrolidine	CCAL %D	26.9%	<25%	ND(1.0) J	
						Pentachloronitrobenzene	CCAL %D	36.0%	<25%	ND(2.5) J	
						Pyridine	CCAL %D	28.2%	<25%	ND(0.50) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.040	>0.05	ND(2.5) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(1.0) J	
						Methapyrilene	CCAL RRF	0.039	>0.05	ND(2.5) J	
						Pentachloronitrobenzene	CCAL RRF	0.034	>0.05	ND(2.5) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.0) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P496	CRA-RB-1	1/19/01	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	51.8%	<25%	ND(0.050) J	
						3-Methylcholanthrene	CCAL %D	31.5%	<25%	ND(0.020) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34.1%	<25%	ND(0.050) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	38.9%	<25%	ND(0.020) J	
						Aramite	CCAL %D	32.0%	<25%	ND(0.020) J	
						Benzidine	CCAL %D	56.0%	<25%	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	38.8%	<25%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.8%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	41.1%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	33.0%	<25%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	CCAL %D	31.0%	<25%	ND(0.020) J	
						Pentachloronitrobenzene	CCAL %D	26.0%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.035	>0.05	ND(0.050) J	
						Hexachlorophene	CCAL RRF	0.02	>0.05	ND(0.020) J	
						Pentachloronitrobenzene	CCAL RRF	0.049	>0.05	ND(0.050) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.020) J	
1A0P519	CRA-10 (2 - 5)	1/22/01	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	35.3%	<25%	ND(2.3) J	
						3-Methylcholanthrene	CCAL %D	33.0%	<25%	ND(0.90) J	
						4-Nitrophenol	CCAL %D	26.3%	<25%	ND(2.3) J	
						4-Nitrophenol	CCAL %D	26.3%	<25%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(2.3) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.90) J	Increase sensitivity
						Benzidine	CCAL %D	48.4%	<25%	ND(0.90) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.2%	<25%	ND(0.44) J	
						Hexachloropropene	CCAL %D	33.6%	<25%	ND(0.44) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(2.3) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(0.44) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.4%	<25%	ND(2.3) J	
						Phenacetin	CCAL %D	35.6%	<25%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(2.3) J	
						Hexachlorophene	CCAL RRF	0.017	>0.05	ND(0.90) J	
						Pentachloronitrobenzene	CCAL RRF	0.046	>0.05	ND(2.3) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.90) J	
1A0P519	CRA-8 (2 - 5)	1/22/01	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	35.3%	<25%	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	33.0%	<25%	ND(0.81) J	
						4-Nitrophenol	CCAL %D	26.3%	<25%	ND(2.1) J	
						4-Nitrophenol	CCAL %D	26.3%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(2.1) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.81) J	Increase sensitivity
						Benzidine	CCAL %D	48.4%	<25%	ND(0.81) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41.2%	<25%	ND(0.40) J	
						Hexachloropropene	CCAL %D	33.6%	<25%	ND(0.40) J	
						Methapyrilene	CCAL %D	31.0%	<25%	ND(2.1) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(0.40) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.4%	<25%	ND(2.1) J	
						Phenacetin	CCAL %D	35.6%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(2.1) J	
						Hexachlorophene	CCAL RRF	0.017	>0.05	ND(0.81) J	
						Pentachloronitrobenzene	CCAL RRF	0.046	>0.05	ND(2.1) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.81) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P519	CRA-9 (5 - 14)	1/22/01	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	35 3%	<25%	ND(2 2) J	
						3-Methylcholanthrene	CCAL %D	33 0%	<25%	ND(0 85) J	
						4-Nitrophenol	CCAL %D	26 3%	<25%	ND(2 2) J	
						4-Nitrophenol	CCAL %D	26 3%	<25%	ND(2 2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	35 8%	<25%	ND(2 2) J	
						Aramite	CCAL %D	99 9%	<25%	ND(0 85) J	Increase sensitivity
						Benzidine	CCAL %D	48 4%	<25%	ND(0 85) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	41 2%	<25%	ND(0 42) J	
						Hexachloropropene	CCAL %D	33 6%	<25%	ND(0 42) J	
						Methapyrilene	CCAL %D	31 0%	<25%	ND(2 2) J	
						N-Nitrosomorpholine	CCAL %D	28 6%	<25%	ND(0 42) J	
						p-Dimethylaminoazobenzene	CCAL %D	30 4%	<25%	ND(2 2) J	
						Phenacetin	CCAL %D	35 6%	<25%	ND(2 2) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 028	>0 05	ND(2 2) J	
						Hexachlorophene	CCAL RRF	0 017	>0 05	ND(0 85) J	
						Pentachloronitrobenzene	CCAL RRF	0 046	>0 05	ND(2 2) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 85) J	
1A0P519	CRA-RB-1	1/22/01	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	51 8%	<25%	ND(0 050) J	
						3-Methylcholanthrene	CCAL %D	31 5%	<25%	ND(0 020) J	
						4-Nitroquinoline-1-oxide	CCAL %D	34 3%	<25%	ND(0 050) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	38 9%	<25%	ND(0 020) J	
						Aramite	CCAL %D	32 0%	<25%	ND(0 020) J	
						Benzidine	CCAL %D	56 0%	<25%	ND(0 020) J	
						Benzo(g,h,i)perylene	CCAL %D	38 8%	<25%	ND(0 010) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31 8%	<25%	ND(0 010) J	
						Dibenzo(a,h)anthracene	CCAL %D	41 1%	<25%	ND(0 020) J	
						Hexachloropropene	CCAL %D	33 0%	<25%	ND(0 010) J	
						N-Nitroso-di-n-butylamine	CCAL %D	31 0%	<25%	ND(0 020) J	
						Pentachloronitrobenzene	CCAL %D	26 0%	<25%	ND(0 050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 035	>0 05	ND(0 050) J	
						Hexachlorophene	CCAL RRF	0 020	>0 05	ND(0 020) J	
						Pentachloronitrobenzene	CCAL RRF	0 049	>0 05	ND(0 050) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 020) J	
1A0P545	CRA-11 (0 - 2)	1/23/01	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	39 6%	<25%	ND(2 4) J	
						3,3'-Dimethylbenzidine	CCAL %D	32 2%	<25%	ND(2 4) J	
						3-Methylcholanthrene	CCAL %D	35 1%	<25%	ND(0 94) J	
						4-Aminobiphenyl	CCAL %D	51 8%	<25%	ND(0 94) J	
						Benzidine	CCAL %D	59 5%	<25%	ND(0 94) J	
						Butylbenzylphthalate	CCAL %D	31 2%	<25%	ND(0 94) J	
						Hexachlorophene	CCAL %D	35 1%	<25%	ND(0 94) J	
						Methapyrilene	CCAL %D	32 2%	<25%	ND(2 4) J	
						Pentachloroethane	CCAL %D	28 2%	<25%	ND(0 47) J	
						Pyridine	CCAL %D	25 7%	<25%	ND(0 47) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 041	>0 05	ND(2 4) J	
						Hexachlorophene	CCAL RRF	0 016	>0 05	ND(0 94) J	
						Methapyrilene	CCAL RRF	0 030	>0 05	ND(2 4) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 94) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P545	CRA-12 (0 - 2)	1/23/01	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	39.6%	<25%	ND(2.3) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.2%	<25%	ND(2.3) J	
						3-Methylcholanthrene	CCAL %D	35.3%	<25%	ND(0.92) J	
						4-Aminobiphenyl	CCAL %D	51.8%	<25%	ND(0.92) J	
						Benzidine	CCAL %D	59.5%	<25%	ND(0.92) J	
						Butylbenzylphthalate	CCAL %D	31.2%	<25%	ND(0.92) J	
						Hexachlorophene	CCAL %D	35.1%	<25%	ND(0.92) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(2.3) J	
						Pentachloroethane	CCAL %D	28.2%	<25%	ND(0.46) J	
						Pyridine	CCAL %D	25.7%	<25%	ND(0.46) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.041	>0.05	ND(2.3) J	
						Hexachlorophene	CCAL RRF	0.016	>0.05	ND(0.92) J	
						Methapyrilene	CCAL RRF	0.030	>0.05	ND(2.3) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.92) J	
1A0P545	CRA-13 (5 - 14)	1/23/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	32.0%	<25%	ND(2.8) J	
						2,6-Dinitrotoluene	CCAL %D	27.2%	<25%	ND(0.54) J	
						2-Acetylaminofluorene	CCAL %D	25.6%	<25%	ND(1.1) J	
						2-Nitroaniline	CCAL %D	27.3%	<25%	ND(2.8) J	
						3,3'-Dichlorobenzidine	CCAL %D	29.2%	<25%	ND(2.8) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.3%	<25%	ND(2.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.5%	<25%	ND(2.8) J	
						a,a'-Dimethylphenethylamine	CCAL %D	28.8%	<25%	ND(2.8) J	
						Butylbenzylphthalate	CCAL %D	33.1%	<25%	ND(1.1) J	
						Hexachlorophene	CCAL %D	25.8%	<25%	ND(1.1) J	
						Hexachloropropene	CCAL %D	27.2%	<25%	ND(0.54) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(0.54) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(2.8) J	
						Hexachlorophene	CCAL RRF	0.015	>0.05	ND(1.1) J	
						Pentachloronitrobenzene	CCAL RRF	0.042	>0.05	ND(2.8) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.1) J	
1A0P545	CRA-18 (0 - 2)	1/23/01	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	39.6%	<25%	ND(2.1) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.2%	<25%	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	35.3%	<25%	ND(0.89) J	
						4-Aminobiphenyl	CCAL %D	51.8%	<25%	ND(0.89) J	
						Benzidine	CCAL %D	59.5%	<25%	ND(0.89) J	
						Butylbenzylphthalate	CCAL %D	31.2%	<25%	ND(0.89) J	
						Hexachlorophene	CCAL %D	35.1%	<25%	ND(0.89) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(2.1) J	
						Pentachloroethane	CCAL %D	28.2%	<25%	ND(0.44) J	
						Pyridine	CCAL %D	25.7%	<25%	ND(0.44) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.041	>0.05	ND(2.1) J	
						Hexachlorophene	CCAL RRF	0.016	>0.05	ND(0.89) J	
						Methapyrilene	CCAL RRF	0.030	>0.05	ND(2.1) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.89) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P545	CRA-19 (2 - 5)	1/23/01	Soil	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	39.6%	<25%	ND(2.2) J	
						3,3'-Dimethylbenzidine	CCAL %D	32.2%	<25%	ND(2.2) J	
						3-Methylcholanthrene	CCAL %D	35.3%	<25%	ND(0.86) J	
						4-Aminobiphenyl	CCAL %D	51.8%	<25%	ND(0.86) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.041	>0.05	ND(2.2) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.86) J	
						Benzidine	CCAL %D	59.5%	<25%	ND(0.86) J	
						Butylbenzylphthalate	CCAL %D	31.2%	<25%	ND(0.86) J	
						Hexachlorophene	CCAL RRF	0.016	>0.05	ND(0.86) J	
						Hexachlorophene	CCAL %D	35.1%	<25%	ND(0.86) J	
						Methapyrilene	CCAL RRF	0.030	>0.05	ND(2.2) J	
						Methapyrilene	CCAL %D	32.2%	<25%	ND(2.2) J	
						Pentachloroethane	CCAL %D	28.2%	<25%	ND(0.43) J	
						Pyridine	CCAL %D	25.7%	<25%	ND(0.43) J	
1A0P545	CRA-DUP-2	1/23/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	32.0%	<25%	ND(2.6) J	
						2,6-Dinitrotoluene	CCAL %D	27.2%	<25%	ND(0.50) J	
						2-Acetylaminofluorene	CCAL %D	25.6%	<25%	ND(1.0) J	
						2-Nitroaniline	CCAL %D	27.3%	<25%	ND(2.6) J	
						3,3'-Dichlorobenzidine	CCAL %D	29.2%	<25%	ND(2.6) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.3%	<25%	ND(2.6) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.5%	<25%	ND(2.6) J	
						a,a'-Dimethylphenethylamine	CCAL %D	28.8%	<25%	ND(2.6) J	
						Butylbenzylphthalate	CCAL %D	33.1%	<25%	ND(1.0) J	
						Hexachlorophene	CCAL %D	25.8%	<25%	ND(1.0) J	
						Hexachloropropene	CCAL %D	27.2%	<25%	ND(0.50) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(0.50) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(2.6) J	
						Hexachlorophene	CCAL RRF	0.015	>0.05	ND(1.0) J	
						Pentachloronitrobenzene	CCAL RRF	0.042	>0.05	ND(2.6) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.0) J	
1A0P545	CRA-RB-1	1/23/01	Water	Tier II	Yes	1,3-Dinitrobenzene	CCAL %D	30.9%	<25%	ND(0.050) J	
						1-Naphthylamine	CCAL %D	35.6%	<25%	ND(0.050) J	
						2-Acetylaminofluorene	CCAL %D	32.6%	<25%	ND(0.020) J	
						3-Methylcholanthrene	CCAL %D	35.7%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	35.3%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	36.0%	<25%	ND(0.010) J	
						Hexachloroethane	CCAL %D	27.7%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL %D	27.2%	<25%	ND(0.020) J	
						Methapyrilene	CCAL %D	25.2%	<25%	ND(0.050) J	
						Thionazin	CCAL %D	34.7%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL RRF	0.014	>0.05	ND(0.020) J	
						Methapyrilene	CCAL RRF	0.033	>0.05	ND(0.050) J	
						Pentachloronitrobenzene	CCAL RRF	0.046	>0.05	ND(0.050) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.020) J	

TABLE I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P592	CRA-RB-1	1/24/01	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	26.2%	<25%	ND(0.021) J	
						1,3-Dinitrobenzene	CCAL %D	34.7%	<25%	ND(0.053) J	
						1-Naphthylamine	CCAL %D	35.6%	<25%	ND(0.050) J	
						2-Acetylaminofluorene	CCAL %D	35.6%	<25%	ND(0.021) J	
						3-Methylcholanthrene	CCAL %D	35.9%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	35.3%	<25%	ND(0.011) J	
						Hexachlorocyclopentadiene	CCAL %D	36.0%	<25%	ND(0.011) J	
						Hexachloroethane	CCAL %D	27.7%	<25%	ND(0.011) J	
						Hexachlorophene	CCAL %D	27.3%	<25%	ND(0.021) J	
						Methapyrilene	CCAL %D	25.2%	<25%	ND(0.053) J	
						Thionazin	CCAL %D	30.9%	<25%	ND(0.011) J	
						Hexachlorophene	CCAL RRF	0.014	>0.05	ND(0.021) J	
						Methapyrilene	CCAL RRF	0.033	>0.05	ND(0.053) J	
						Pentachloronitrobenzene	CCAL RRF	0.046	>0.05	ND(0.053) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.021) J	
1A0P592	RAA4-16 (6 - 15)	1/24/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	32.0%	<25%	ND(25) J	
						2,6-Dinitrotoluene	CCAL %D	27.2%	<25%	ND(5.0) J	
						2-Acetylaminofluorene	CCAL %D	28.3%	<25%	ND(10) J	
						2-Nitroaniline	CCAL %D	27.3%	<25%	ND(25) J	
						3,3'-Dichlorobenzidine	CCAL %D	29.2%	<25%	ND(25) J	
						3,3'-Dimethylbenzidine	CCAL %D	27.0%	<25%	ND(25) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.5%	<25%	ND(25) J	
						a,a'-Dimethylphenethylamine	CCAL %D	28.8%	<25%	ND(25) J	
						Butylbenzylphthalate	CCAL %D	33.1%	<25%	ND(10) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(10) J	
						Hexachloropropene	CCAL %D	27.2%	<25%	ND(5.0) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(5.0) J	
						o-Toluidine	CCAL %D	28.8%	<25%	ND(5.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(25) J	
						Hexachlorophene	CCAL RRF	0.015	>0.05	ND(10) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(25) J	
						Pentachloronitrobenzene	CCAL RRF	0.042	>0.05	ND(25) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(10) J	
1A0P592	RAA4-2 (6 - 15)	1/24/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	32.0%	<25%	ND(23) J	
						2,6-Dinitrotoluene	CCAL %D	27.2%	<25%	ND(4.6) J	
						2-Acetylaminofluorene	CCAL %D	28.3%	<25%	ND(9.3) J	
						2-Nitroaniline	CCAL %D	27.3%	<25%	ND(23) J	
						3,3'-Dichlorobenzidine	CCAL %D	29.2%	<25%	ND(23) J	
						3,3'-Dimethylbenzidine	CCAL %D	27.0%	<25%	ND(23) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.5%	<25%	ND(23) J	
						a,a'-Dimethylphenethylamine	CCAL %D	28.8%	<25%	ND(23) J	
						Butylbenzylphthalate	CCAL %D	33.1%	<25%	ND(9.3) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(9.3) J	
						Hexachloropropene	CCAL %D	27.2%	<25%	ND(4.6) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(4.6) J	
						o-Toluidine	CCAL %D	28.8%	<25%	ND(4.6) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(23) J	
						Hexachlorophene	CCAL RRF	0.015	>0.05	ND(9.3) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(23) J	
						Pentachloronitrobenzene	CCAL RRF	0.042	>0.05	ND(23) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(9.3) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P592	RAA4-4 (6 - 15)	1/24/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	32.0%	<25%	ND(21) J	
						2,6-Dinitrotoluene	CCAL %D	27.2%	<25%	ND(4.3) J	
						2-Acetylaminofluorene	CCAL %D	28.3%	<25%	ND(8.6) J	
						2-Nitroaniline	CCAL %D	27.3%	<25%	ND(21) J	
						3,3'-Dichlorobenzidine	CCAL %D	29.2%	<25%	ND(21) J	
						3,3'-Dimethylbenzidine	CCAL %D	27.0%	<25%	ND(21) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.5%	<25%	ND(21) J	
						a,a'-Dimethylphenethylamine	CCAL %D	28.8%	<25%	ND(21) J	
						Butylbenzylphthalate	CCAL %D	33.1%	<25%	ND(8.6) J	
						Hexachlorophene	CCAL %D	25.6%	<25%	ND(8.6) J	
						Hexachloropropene	CCAL %D	27.2%	<25%	ND(4.3) J	
						N-Nitrosomorpholine	CCAL %D	28.6%	<25%	ND(4.3) J	
						o-Toluidine	CCAL %D	28.8%	<25%	ND(4.3) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.033	>0.05	ND(21) J	
						Hexachlorophene	CCAL RRF	0.015	>0.05	ND(8.6) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(21) J	
						Pentachloronitrobenzene	CCAL RRF	0.042	>0.05	ND(21) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(8.6) J	
1A0P691	RAA4-17 (0 - 1)	1/29/01	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	29.1%	<25%	ND(2.7) J	
						Benzidine	CCAL %D	38.7%	<25%	ND(1.1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	38.3%	<25%	ND(0.53) J	
						Methapyrilene	CCAL %D	34.7%	<25%	ND(2.7) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.4%	<25%	ND(1.1) J	
						N-Nitrosomorpholine	CCAL %D	38.8%	<25%	ND(0.53) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.53) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.037	>0.05	ND(2.7) J	
						Hexachlorophene	CCAL RRF	0.048	>0.05	ND(1.1) J	
						Methapyrilene	CCAL RRF	0.028	>0.05	ND(2.7) J	
						Pentachloronitrobenzene	CCAL RRF	0.041	>0.05	ND(2.7) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.1) J	
1A0P691	RAA4-18 (1 - 6)	1/29/01	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	29.1%	<25%	ND(1.9) J	
						Benzidine	CCAL %D	38.7%	<25%	ND(0.76) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	38.3%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	34.7%	<25%	ND(1.9) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.4%	<25%	ND(0.76) J	
						N-Nitrosomorpholine	CCAL %D	38.8%	<25%	ND(0.38) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.037	>0.05	ND(1.9) J	
						Hexachlorophene	CCAL RRF	0.048	>0.05	ND(0.76) J	
						Methapyrilene	CCAL RRF	0.028	>0.05	ND(1.9) J	
						Pentachloronitrobenzene	CCAL RRF	0.041	>0.05	ND(1.9) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.76) J	
1A0P691	RAA4-19 (0 - 1)	1/29/01	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	78.5%	<25%	ND(2.4) J	
						Benzidine	CCAL %D	38.3%	<25%	ND(0.97) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.9%	<25%	ND(0.48) J	
						Hexachlorocyclopentadiene	CCAL %D	44.5%	<25%	ND(0.48) J	
						N-Nitroso-di-n-butylamine	CCAL %D	25.2%	<25%	ND(0.97) J	
						N-Nitrosomorpholine	CCAL %D	25.5%	<25%	ND(0.48) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	37.9%	<25%	ND(0.48) J	
						Hexachlorophene	CCAL RRF	0.021	>0.05	ND(0.97) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.97) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P691	RAA4-19 (1 - 6)	1/29/01	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	78 5%	<25%	ND(1 8) J	
						Benzidine	CCAL %D	38 3%	<25%	ND(0 72) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30 9%	<25%	ND(0 16) J	
						Hexachlorocyclopentadiene	CCAL %D	44 5%	<25%	ND(0 16) J	
						N-Nitroso-di-n-butylamine	CCAL %D	25 2%	<25%	ND(0 72) J	
						N-Nitrosomorpholine	CCAL %D	25 5%	<25%	ND(0 16) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	37 9%	<25%	ND(0 16) J	
						Hexachlorophene	CCAL RRF	0 021	>0 05	ND(0 72) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 72) J	
1A0P691	RAA4-21 (6 - 15)	1/29/01	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	78 5%	<25%	ND(2 8) J	
						Benzidine	CCAL %D	38 3%	<25%	ND(1 1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30 9%	<25%	ND(0 55) J	
						Hexachlorocyclopentadiene	CCAL %D	44 5%	<25%	ND(0 55) J	
						N-Nitroso-di-n-butylamine	CCAL %D	25 2%	<25%	ND(1 1) J	
						N-Nitrosomorpholine	CCAL %D	25 5%	<25%	ND(0 55) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	37 9%	<25%	ND(0 55) J	
						Hexachlorophene	CCAL RRF	0 021	>0 05	ND(1 1) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(1 1) J	
1A0P691	RAA4-RB-1	1/29/01	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	78 5%	<25%	ND(0 050) J	
						Benzidine	CCAL %D	38 3%	<25%	ND(0 020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30 9%	<25%	ND(0 011) J	
						Hexachlorocyclopentadiene	CCAL %D	44 5%	<25%	ND(0 011) J	
						N-Nitroso-di-n-butylamine	CCAL %D	25 2%	<25%	ND(0 020) J	
						N-Nitrosomorpholine	CCAL %D	25 5%	<25%	ND(0 011) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	37 9%	<25%	ND(0 011) J	
						Hexachlorophene	CCAL RRF	0 021	>0 05	ND(0 021) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 021) J	
1A0P716	RAA4-1 (0 - 1)	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30 9%	<25%	ND(23) J	
						3,3'-Dichlorobenzidine	CCAL %D	30 6%	<25%	ND(23) J	
						Hexachlorophene	CCAL %D	29 9%	<25%	ND(9 2) J	
						Hexachloropropene	CCAL %D	34 6%	<25%	ND(4 6) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27 4%	<25%	ND(9 2) J	
						N-Nitrosomorpholine	CCAL %D	38 8%	<25%	ND(4 6) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32 2%	<25%	ND(4 6) J	
						Pentachloroethane	CCAL %D	26 2%	<25%	ND(4 6) J	
						Pyridine	CCAL %D	41 5%	<25%	ND(4 6) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 036	>0 05	ND(23) J	
						Hexachlorophene	CCAL RRF	0 014	>0 05	ND(9 2) J	
						Methapyrilene	CCAL RRF	0 040	>0 05	ND(23) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(9 2) J	
1A0P716	RAA4-10 (0 - 1)	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30 9%	<25%	ND(2 5) J	
						3,3'-Dichlorobenzidine	CCAL %D	30 6%	<25%	ND(2 5) J	
						Hexachlorophene	CCAL %D	29 9%	<25%	ND(0 98) J	
						Hexachloropropene	CCAL %D	34 6%	<25%	ND(0 48) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27 4%	<25%	ND(0 98) J	
						N-Nitrosomorpholine	CCAL %D	38 8%	<25%	ND(0 48) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32 2%	<25%	ND(0 48) J	
						Pentachloroethane	CCAL %D	26 2%	<25%	ND(0 48) J	
						Pyridine	CCAL %D	41 5%	<25%	ND(0 48) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 036	>0 05	ND(2 5) J	
						Hexachlorophene	CCAL RRF	0 014	>0 05	ND(0 98) J	
						Methapyrilene	CCAL RRF	0 040	>0 05	ND(2 5) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 98) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P716	RAA4-13 (0 - 1)	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30.9%	<25%	ND(28) J	
						3,3'-Dichlorobenzidine	CCAL %D	30.6%	<25%	ND(28) J	
						Hexachlorophene	CCAL %D	29.9%	<25%	ND(11) J	
						Hexachloropropene	CCAL %D	34.6%	<25%	ND(5.5) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.4%	<25%	ND(11) J	
						N-Nitrosomorpholine	CCAL %D	38.8%	<25%	ND(5.5) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32.2%	<25%	ND(5.5) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(5.5) J	
						Pyridine	CCAL %D	41.5%	<25%	ND(5.5) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.036	>0.05	ND(28) J	
						Hexachlorophene	CCAL RRF	0.014	>0.05	ND(11) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(28) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(11) J	
1A0P716	RAA4-15 (0 - 1)	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30.9%	<25%	ND(4.4) J	
						3,3'-Dichlorobenzidine	CCAL %D	30.6%	<25%	ND(4.4) J	
						Hexachlorophene	CCAL %D	29.9%	<25%	ND(1.8) J	
						Hexachloropropene	CCAL %D	34.6%	<25%	ND(0.88) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.4%	<25%	ND(1.8) J	
						N-Nitrosomorpholine	CCAL %D	38.8%	<25%	ND(0.88) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32.2%	<25%	ND(0.88) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(0.88) J	
						Pyridine	CCAL %D	41.5%	<25%	ND(0.88) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.036	>0.05	ND(4.4) J	
						Hexachlorophene	CCAL RRF	0.014	>0.05	ND(1.8) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(4.4) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.8) J	
1A0P716	RAA4-5 (0 - 1)	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30.9%	<25%	ND(44) J	
						3,3'-Dichlorobenzidine	CCAL %D	30.6%	<25%	ND(44) J	
						Hexachlorophene	CCAL %D	29.9%	<25%	ND(18) J	
						Hexachloropropene	CCAL %D	34.6%	<25%	ND(8.9) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.4%	<25%	ND(18) J	
						N-Nitrosomorpholine	CCAL %D	38.8%	<25%	ND(8.9) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32.2%	<25%	ND(8.9) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(8.9) J	
						Pyridine	CCAL %D	41.5%	<25%	ND(8.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.036	>0.05	ND(44) J	
						Hexachlorophene	CCAL RRF	0.014	>0.05	ND(18) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(44) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(18) J	
1A0P716	RAA4-8 (0 - 1)	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30.9%	<25%	ND(22) J	
						3,3'-Dichlorobenzidine	CCAL %D	30.6%	<25%	ND(22) J	
						Hexachlorophene	CCAL %D	29.9%	<25%	ND(8.7) J	
						Hexachloropropene	CCAL %D	34.6%	<25%	ND(4.3) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27.4%	<25%	ND(8.7) J	
						N-Nitrosomorpholine	CCAL %D	38.8%	<25%	ND(4.3) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32.2%	<25%	ND(4.3) J	
						Pentachloroethane	CCAL %D	26.2%	<25%	ND(4.3) J	
						Pyridine	CCAL %D	41.5%	<25%	ND(4.3) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.036	>0.05	ND(22) J	
						Hexachlorophene	CCAL RRF	0.014	>0.05	ND(8.7) J	
						Methapyrilene	CCAL RRF	0.040	>0.05	ND(22) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(8.7) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1A0P716	RAA4-DUP-1	1/30/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	30 9%	<25%	ND(26) J	Duplicate of RAA4 8
						3,3'-Dichlorobenzidine	CCAL %D	30 6%	<25%	ND(26) J	
						Hexachlorophene	CCAL %D	29 9%	<25%	ND(10) J	
						Hexachloropropene	CCAL %D	34 6%	<25%	ND(5 3) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27 4%	<25%	ND(10) J	
						N-Nitrosomorpholine	CCAL %D	38 8%	<25%	ND(5 3) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32 2%	<25%	ND(5 3) J	
						Pentachloroethane	CCAL %D	26 2%	<25%	ND(5 3) J	
						Pyridine	CCAL %D	41 5%	<25%	ND(5 3) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 036	>0 05	ND(26) J	
						Hexachlorophene	CCAL RRF	0 014	>0 05	ND(10) J	
						Methapyrilene	CCAL RRF	0 040	>0 05	ND(26) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(10) J	
1A0P716	RAA4-RB-1	1/30/01	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	30 9%	<25%	ND(0 050) J	
						3,3'-Dichlorobenzidine	CCAL %D	30 6%	<25%	ND(0 050) J	
						Hexachlorophene	CCAL %D	29 9%	<25%	ND(0 021) J	
						Hexachloropropene	CCAL %D	34 6%	<25%	ND(0 011) J	
						N-Nitroso-di-n-butylamine	CCAL %D	27 4%	<25%	ND(0 020) J	
						N-Nitrosomorpholine	CCAL %D	38 8%	<25%	ND(0 011) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	32 2%	<25%	ND(0 011) J	
						Pentachloroethane	CCAL %D	26 2%	<25%	ND(0 011) J	
						Pyridine	CCAL %D	41 5%	<25%	ND(0 011) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0 036	>0 05	ND(0 053) J	
						Hexachlorophene	CCAL RRF	0 014	>0 05	ND(0 021) J	
						Methapyrilene	CCAL RRF	0 040	>0 05	ND(0 053) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 021) J	
1B0P010	CRA-20 (2 - 5)	1/31/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	42 9%	<25%	ND(2 2) J	
						2-Naphthylamine	CCAL %D	33 9%	<25%	ND(2 2) J	
						3,3'-Dichlorobenzidine	CCAL %D	35 0%	<25%	ND(2 2) J	
						3-Methylcholanthrene	CCAL %D	37 1%	<25%	ND(0 85) J	
						4-Aminobiphenyl	CCAL %D	31 8%	<25%	ND(0 85) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33 1%	<25%	ND(2 2) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	45 1%	<25%	ND(0 85) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	28 0%	<25%	ND(0 42) J	
						Ethyl Methanesulfonate	CCAL %D	25 3%	<25%	ND(0 42) J	
						Hexachlorocyclopentadiene	CCAL %D	65 2%	<25%	ND(0 42) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	41 5%	<25%	ND(0 42) J	
						Hexachlorophene	CCAL RRF	0 049	>0 05	ND(0 85) J	
						Methapyrilene	CCAL RRF	0 038	>0 05	ND(2 2) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 85) J	
1B0P010	CRA-21 (0 - 2)	1/31/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	42 9%	<25%	ND(2 4) J	
						2-Naphthylamine	CCAL %D	33 9%	<25%	ND(2 4) J	
						3,3'-Dichlorobenzidine	CCAL %D	35 0%	<25%	ND(2 4) J	
						3-Methylcholanthrene	CCAL %D	37 1%	<25%	ND(0 96) J	
						4-Aminobiphenyl	CCAL %D	31 8%	<25%	ND(0 96) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33 1%	<25%	ND(2 4) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	45 1%	<25%	ND(0 96) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	28 0%	<25%	ND(0 47) J	
						Ethyl Methanesulfonate	CCAL %D	25 3%	<25%	ND(0 47) J	
						Hexachlorocyclopentadiene	CCAL %D	65 2%	<25%	ND(0 47) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	41 5%	<25%	ND(0 47) J	
						Hexachlorophene	CCAL RRF	0 049	>0 05	ND(0 96) J	
						Methapyrilene	CCAL RRF	0 038	>0 05	ND(2 4) J	
						Aramite	ICAL RRF	0 037	>0 05	ND(0 96) J	

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
1B0P010	CRA-22 (5 - 14)	1/31/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	42.9%	<25%	ND(2.3) J	
						2-Naphthylamine	CCAL %D	33.9%	<25%	ND(2.3) J	
						3,3'-Dichlorobenzidine	CCAL %D	35.0%	<25%	ND(2.3) J	
						3-Methylcholanthrene	CCAL %D	37.1%	<25%	ND(0.90) J	
						4-Aminobiphenyl	CCAL %D	31.8%	<25%	ND(0.90) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(2.3) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	45.1%	<25%	ND(0.90) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	28.0%	<25%	ND(0.44) J	
						Ethyl Methanesulfonate	CCAL %D	25.3%	<25%	ND(0.44) J	
						Hexachlorocyclopentadiene	CCAL %D	65.2%	<25%	ND(0.44) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	41.5%	<25%	ND(0.44) J	
						Hexachlorophene	CCAL RRF	0.049	>0.05	ND(0.90) J	
						Methapyrilene	CCAL RRF	0.038	>0.05	ND(2.3) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.90) J	
1B0P010	RAA4-22 (1 - 6)	1/31/01	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	42.9%	<25%	ND(2.7) J	
						2-Naphthylamine	CCAL %D	33.9%	<25%	ND(2.7) J	
						3,3'-Dichlorobenzidine	CCAL %D	35.0%	<25%	ND(2.7) J	
						3-Methylcholanthrene	CCAL %D	37.1%	<25%	ND(1.1) J	
						4-Aminobiphenyl	CCAL %D	31.8%	<25%	ND(1.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(2.7) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	45.1%	<25%	ND(1.1) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	28.0%	<25%	ND(0.54) J	
						Ethyl Methanesulfonate	CCAL %D	25.3%	<25%	ND(0.54) J	
						Hexachlorocyclopentadiene	CCAL %D	65.2%	<25%	ND(0.54) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	41.5%	<25%	ND(0.54) J	
						Hexachlorophene	CCAL RRF	0.049	>0.05	ND(1.1) J	
						Methapyrilene	CCAL RRF	0.038	>0.05	ND(2.7) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(1.1) J	
1B0P010	X-RB-1	1/31/01	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	42.9%	<25%	ND(0.040) J	
						2-Naphthylamine	CCAL %D	33.9%	<25%	ND(0.040) J	
						3,3'-Dichlorobenzidine	CCAL %D	35.0%	<25%	ND(0.040) J	
						3-Methylcholanthrene	CCAL %D	37.1%	<25%	ND(0.016) J	
						4-Aminobiphenyl	CCAL %D	31.8%	<25%	ND(0.021) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.053) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	45.1%	<25%	ND(0.016) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	28.0%	<25%	ND(0.011) J	
						Ethyl Methanesulfonate	CCAL %D	25.3%	<25%	ND(0.011) J	
						Hexachlorocyclopentadiene	CCAL %D	65.2%	<25%	ND(0.011) J	
						Hexachlorophene	CCAL RRF	0.049	>0.05	ND(0.021) J	
						Methapyrilene	CCAL RRF	0.038	>0.05	ND(0.053) J	
						Aramite	ICAL RRF	0.037	>0.05	ND(0.021) J	
						o,o,o-Triethylphosphorothioate	CCAL %D	41.5%	<25%	ND(0.011) J	
PCDDs/PCDFs											
1A0P416	CRA-1 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-2 (2 - 5)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-3 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-DUP-2 (5 - 14)	1/17/01	Soil	Tier II	No						Duplicate of CRA-3
1A0P416	CRA-RB-1	1/17/01	Water	Tier II	No						
1A0P448	CRA-5 (0 - 2)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-6 (2 - 5)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-7 (0 - 2)	1/18/01	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Method Blank	0.000000068	<0.00000014	ND(0.00000021)	
						2,3,7,8-TCDF	Method Blank	0.000000052	<0.00000026	ND(0.00000068)	
						OCDF	Method Blank	0.00000015	<0.0000015	ND(0.0000022)	
1A0P496	CRA-14 (0 - 2)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-15 (5 - 14)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-16 (0 - 2)	1/19/01	Soil	Tier II	No						
PCDDs/PCDFs (continued)											

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
1A0P496	CRA-17 (5 - 14)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-RB-1	1/19/01	Water	Tier II	No						
1A0P519	CRA-10 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-8 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-9 (5 - 14)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-RB-1	1/22/01	Water	Tier II	No						
1A0P545	CRA-11 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-12 (0 - 2)	1/23/01	Soil	Tier II	Yes	OCDD	Method Blank	0.0000022	<0.000022	ND(0.000016)	
1A0P545	CRA-13 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-18 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-19 (2 - 5)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-DUP-2	1/23/01	Soil	Tier II	No						Duplicate of CRA-18
1A0P545	CRA-RB-1	1/23/01	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Method Blank	0.000000000016	<0.000000000080	ND(0.000000000028)	
						1,2,3,7,8,9-HxCDF	Method Blank	0.000000000015	<0.000000000075	ND(0.000000000034)	
						OCDD	Method Blank	0.00000000018	<0.000000018	ND(0.000000000022)	
1A0P592	CRA-RB-1	1/24/01	Water	Tier II	No						
1A0P592	RAA4-16 (6 - 15)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-2 (6 - 15)	1/24/01	Soil	Tier II	No						
1A0P592	RAA4-4 (6 - 15)	1/24/01	Soil	Tier II	No						
1A0P691	RAA4-17 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-18 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-21 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-RB-1	1/29/01	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	0.0000000000038	<0.000000000019	ND(0.000000000012)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	0.0000000000015	<0.000000000075	ND(0.000000000025)	
						1,2,3,4,7,8-HxCDF	Method Blank	0.00000000000070	<0.000000000035	ND(0.000000000010)	
						1,2,3,6,7,8-HxCDF	Method Blank	0.00000000000070	<0.000000000035	ND(0.000000000024)	
						1,2,3,7,8-PeCDF	Method Blank	0.00000000000070	<0.000000000035	ND(0.000000000020)	
						HpCDFs (total)	Method Blank	0.0000000000015	<0.000000000075	ND(0.000000000025)	
						OCDD	Method Blank	0.000000000025	<0.000000000025	ND(0.000000000073)	
1A0P716	RAA4-1 (0 - 1)	1/30/01	Soil	Tier II	Yes	OCDD	Method Blank	0.0000069	<0.000069	ND(0.000043)	
1A0P716	RAA4-10 (0 - 1)	1/30/01	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	0.00000077	<0.0000039	ND(0.0000025)	
						1,2,3,4,6,7,8-HpCDF	Method Blank	0.00000012	<0.000000060	ND(0.0000056)	
						OCDD	Method Blank	0.0000027	<0.000027	ND(0.000014)	
						PeCDDs (total)	Method Blank	0.00000050	<0.0000025	ND(0.000000082)	
1A0P716	RAA4-13 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-15 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-5 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-8 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-DUP-1	1/30/01	Soil	Tier II	No						Duplicate of RAA4-8
1A0P716	RAA4-RB-1	1/30/01	Water	Tier II	Yes	OCDD	Method Blank	0.000000000026	<0.000000000026	ND(0.000000000031)	
1B0P010	CRA-20 (2 - 5)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-21 (0 - 2)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-22 (5 - 14)	1/31/01	Soil	Tier II	No						
1B0P010	RAA4-22 (1 - 6)	1/31/01	Soil	Tier II	No						
1B0P010	X-16 (6 - 15)	1/31/01	Soil	Tier II	No						
1B0P010	X-17 (0 - 2)	1/31/01	Soil	Tier II	No						
1B0P010	X-RB-1	1/31/01	Water	Tier II	Yes	OCDD	Method Blank	2.6E-11	<0.0000000026	ND(0.000000000012)	
1B0P043	X-18 (6 - 15)	2/1/01	Soil	Tier II	No						
1B0P043	X-RB-1	2/1/01	Water	Tier II	No						
Sulfide and Cyanide											
1A0P416	CRA-1 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-2 (2 - 5)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-3 (5 - 14)	1/17/01	Soil	Tier II	No						
1A0P416	CRA-DUP-2 (5 - 14)	1/17/01	Soil	Tier II	No						Duplicate of CRA-3
Sulfide and Cyanide (continued)											
1A0P416	CRA-RB-1	1/17/01	Water	Tier II	No						

TABLE 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

FUTURE CITY RECREATIONAL AREA AND ADJACENT AREA

ANALYTICAL DATA VALIDATION SUMMARY
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
1A0P448	CRA-5 (0 - 2)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-6 (2 - 5)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-7 (0 - 2)	1/18/01	Soil	Tier II	No						
1A0P448	CRA-RB-1	1/18/01	Water	Tier II	No						
1A0P496	CRA-14 (0 - 2)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-15 (5 - 14)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-16 (0 - 2)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-17 (5 - 14)	1/19/01	Soil	Tier II	No						
1A0P496	CRA-RB-1	1/19/01	Soil	Tier II	No						
1A0P519	CRA-10 (2 - 5)	1/22/01	Water	Tier II	No						
1A0P519	CRA-8 (2 - 5)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-9 (5 - 14)	1/22/01	Soil	Tier II	No						
1A0P519	CRA-RB-1	1/22/01	Water	Tier II	No						
1A0P545	CRA-11 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-12 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-13 (5 - 14)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-18 (0 - 2)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-19 (2 - 5)	1/23/01	Soil	Tier II	No						
1A0P545	CRA-RB-1	1/23/01	Soil	Tier II	No						
1A0P545	CRA-RB-1	1/23/01	Water	Tier II	No						Duplicate of CRA-18
1A0P592	CRA-RB-1	1/24/01	Water	Tier II	No						
1A0P592	RAA4-16 (6 - 15)	1/24/01	Soil	Tier II	Yes	Sulfide	MS %R	34.0%	75% to 125%	1600 J	
1A0P592	RAA4-2 (6 - 15)	1/24/01	Soil	Tier II	Yes	Sulfide	MS %R	34.0%	75% to 125%	160 J	
1A0P592	RAA4-4 (6 - 15)	1/24/01	Soil	Tier II	Yes	Sulfide	MS %R	34.0%	75% to 125%	770 J	
1A0P691	RAA4-17 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-18 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (0 - 1)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-19 (1 - 6)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-21 (6 - 15)	1/29/01	Soil	Tier II	No						
1A0P691	RAA4-RB-1	1/29/01	Water	Tier II	No						
1A0P716	RAA4-1 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-10 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-13 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-15 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-5 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-8 (0 - 1)	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-DUP-1	1/30/01	Soil	Tier II	No						
1A0P716	RAA4-RB-1	1/30/01	Soil	Tier II	No						Duplicate of RAA4-8
1B0P010	CRA-20 (2 - 5)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-21 (0 - 2)	1/31/01	Soil	Tier II	No						
1B0P010	CRA-22 (5 - 14)	1/31/01	Soil	Tier II	No						
1B0P010	RAA4-22 (1 - 6)	1/31/01	Soil	Tier II	No						
1B0P010	X-RB-1	1/31/01	Water	Tier II	No						

NOTE: Soil samples designated with a "CRA-" prefix were collected from within the Future City Recreational Area, while soil samples designated with a "RAA4-" prefix were collected from portions of the East Street Area 2-South Removal Action Area adjacent to the Future City Recreational Area.