REPORT

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SDMS 45114

Plant Site 1 Groundwater Management Area Baseline Groundwater Quality Interim Report for Spring 2003

Volume I of II

General Electric Company
Pittsfield, Massachusetts

July 2003

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

Transmitted Via Overnight Courier

July 30, 2003

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

Re: **GE-Pittsfield/Housatonic River Site**
Groundwater Management Area 1 (GECD310)
Groundwater Quality Interim Report for Spring 2003

Dear Mr. Olson:

In accordance with GE's approved *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area* (September 2000), enclosed is the *Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Spring 2003.* This report summarizes activities performed as part of the baseline monitoring program during spring 2003 and presents the results of the latest round of sampling and analysis of groundwater performed at the Plant Site 1 Groundwater Management Area. In addition, this report contains a proposal for an interim groundwater quality monitoring program to be implemented at GMA 1 until such time as all required soil-related Removal Actions are completed within this GMA and a comprehensive long-term monitoring program may be developed.

Please call Andrew Silfer or me if you have any questions regarding this report.

Sincerely,

John F. Novotny /BB for

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

Enclosure
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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soil, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the RAAs at and near the GE Pittsfield facility have been divided into five separate Groundwater Management Areas (GMAs), which are illustrated on Figure 1. These GMAs are described, together with the Performance Standards established for the response actions at and related to them, in Section 2.7 of the *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD), with further details presented in Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response Programs). This report relates to the Plant Site 1 Groundwater Management Area, also known as and referred to herein as GMA 1.

In September 2000, GE submitted a *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area* (GMA 1 Baseline Monitoring Proposal). The GMA 1 Baseline Monitoring Proposal summarized the hydrogeologic information available at that time for GMA 1 and proposed groundwater and NAPL monitoring activities (incorporating as appropriate those activities that were in place at that time) for the baseline monitoring period at this GMA. EPA provided conditional approval of the GMA 1 Baseline Monitoring Proposal by letter of March 20, 2001. Thereafter, certain modifications were made to the GMA 1 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of the selected monitoring locations. Those modifications were documented in update letters from GE to EPA dated May 18, August 16, and August 22, 2001.

As part of the baseline monitoring program, GE is required to submit reports on a semi-annual basis to summarize the groundwater monitoring results and related activities and, as appropriate, propose modifications to the monitoring program. This *Plant Site 1 Groundwater Management Area Baseline Groundwater Quality Interim Report for Spring 2003* (Spring 2003 GMA 1 Groundwater Quality Report) presents the results of groundwater sampling activities performed at this GMA in March 2003 to May 2003 (with two wells sampled on June 26-27, 2003), as well as certain other groundwater characterization activities performed between January 2003 and June 2003. NAPL

monitoring and recovery activities and results at GMA 1 are addressed in separate semi-annual reports. EPA has conditionally approved GE's *Plant Site 1 Groundwater Management Area Baseline Groundwater Quality Interim Report for Fall 2002* (Fall 2002 GMA 1 Groundwater Quality Report) by letter dated April 17, 2003 and GE took into account the conditions set forth in that letter in preparing the Spring 2003 GMA 1 Groundwater Quality Report.

1.2 Background Information

As discussed above, the CD and SOW provide for the performance of groundwater-related Removal Actions at a number of GMAs. Some of these GMAs, including GMA 1, incorporate multiple RAAs to reflect the fact that groundwater may flow between RAAs. GMA 1 incorporates 11 RAAs and occupies an area of approximately 215 acres (Figures 1 and 2). The RAAs within GMA 1 include the following:

- RAA 1 - 40s Complex
- RAA 2 - 30s Complex
- RAA 3 - 20s Complex
- RAA 4 - East Street Area 2-South
- RAA 5 - East Street Area 2-North
- RAA 6 - East Street Area 1-North
- RAA 12 - Lyman Street Area
- RAA 13 - Newell Street Area II
- RAA 14 - Newell Street Area I
- RAA 17 - Silver Lake Area
- RAA 18 - East Street Area 1-South

The GMA contains a combination of GE-owned and non-GE-owned industrial areas, residential properties, and recreational areas. The Housatonic River flows through the southern portion of this GMA, while Silver Lake is located along the western boundary.

Certain portions of this GMA originally consisted of land associated with oxbows or low-lying areas of the Housatonic River. Re-channelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and the United States Army Corps of Engineers (USACE) separated several of these oxbows and low-lying areas from the active course of the river. These oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the current surface elevations and topography.

As discussed in Section 1.1 above, the CD and the SOW provide for the performance of groundwater-related Removal Actions at the GMAs, including the implementation of groundwater monitoring, assessment, and recovery programs. In general, these programs consist of a baseline monitoring program conducted over a period of at least two years to establish existing groundwater conditions and a long-term monitoring program performed to assess groundwater conditions over time and to verify the attainment of the Performance Standards for groundwater. The baseline monitoring program was initiated at GMA 1 in the fall of 2001 and the spring 2003 sampling event constitutes the fourth baseline sampling event at most of the wells in GMA 1. In Section 5.3, GE proposes to modify the baseline groundwater monitoring program, and, as modified, to extend that modified monitoring program (referred to as the "interim monitoring program") until the completion of the soil-related Removal Actions at the GMA 1 RAAs, at which time a long-term monitoring program will commence.

As set forth in the GMA 1 Baseline Monitoring Proposal and Addendum, the baseline monitoring program at this GMA initially involved a total of 65 monitoring wells. Subsequent modifications to the program resulted in the addition of one well (LSSC-08I) and replacement of five wells with substitute monitoring wells (ESA2S-52 for ES2-17, MW-3R for MW-3, GMA1-13 for 95-9, ESA1S-33 for ES1-8, and ES1-23R for ES1-23). All of these wells are monitored for groundwater elevations on a quarterly basis and sampled on a semi-annual basis for analysis of PCBs and/or certain non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenyhydrazine (Appendix IX+3). The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well. The GMA 1 baseline monitoring program is summarized in Table 1 and the construction details of the monitoring wells are provided in Table 2.

Groundwater presence at GMA 1 generally matches the contours of the site topography and flows toward the Housatonic River. However, several active groundwater extraction systems related to NAPL recovery operations and a groundwater recharge pond produce relatively localized variations in the flow direction. Figures 3 and 4 illustrate groundwater elevations and flow direction using data collected during the winter 2002/2003 and spring 2003 monitoring rounds, respectively. In addition to groundwater elevation data from the baseline monitoring wells, data from other GMA 1 wells which are monitored under the NAPL monitoring program were incorporated in the preparation of the groundwater elevation contour maps. The groundwater elevation data utilized to prepare those figures is provided in Table 3.

As depicted on Figures 3 and 4, in general, the horizontal component of the hydraulic gradient generally decreases toward the Housatonic River, corresponding to a flattening in the ground surface topography. Monitoring of well

pairs, or closely spaced shallow and deep well clusters at GMA 1, indicates that the vertical component of the hydraulic gradient is primarily upward, particularly near the river.

Portions of this GMA contain NAPL in the subsurface. The presence of NAPL has been previously documented and is currently being addressed in the NAPL monitoring and recovery program for GMA 1. Semi-annual reports on the NAPL monitoring/recovery activities at GMA 1 are separately prepared by GE and submitted to EPA under a separate schedule. However, groundwater elevation data obtained during NAPL monitoring activities at GMA 1 have been utilized, as appropriate, in the preparation of the groundwater elevation contour maps presented in this report.

A separate disposal site, as designated under the MCP, is located on an adjacent property near the northern edge of the Lyman Street Area. This disposal site is the O'Connell Mobil Station site (MDEP Site No. 1-13347) (also referred to as the "East Street Mobil Site") at 730 East Street. GE understands this site is currently being addressed by O'Connell Oil Associates, Inc. to satisfy the requirements of Massachusetts General Laws Chapter 21-E and the MCP. As discussed below in Section 3.3, available documentation indicates that soluble-phase contaminants related to gasoline releases from the O'Connell Mobil Station may have migrated onto GMA 1.

1.3 Format of Document

The remainder of this report is presented in five sections. Section 2 describes the groundwater-related activities performed at GMA 1 in spring 2003. Section 3 presents the analytical results obtained during the spring 2003 sampling event performed between March 25, 2003 and April 18, 2003, plus the results of sampling of replacement wells ES1-23R and GMA1-13, which were installed after the rest of the sampling event was completed and sampled on June 26-27, 2003. Section 4 provides a summary of the applicable groundwater quality Performance Standards identified in the CD and SOW, and provides an assessment of the results of the spring 2003 activities, including a comparison to those Performance Standards. Section 5 proposes to modify the baseline groundwater quality monitoring program and to continue the modified baseline groundwater quality monitoring program until such time as the soil-related Removal Actions at the GMA 1 RAAs are completed and the needs for a long-term monitoring program may fully delineated. Finally, Section 6 presents the schedule for future field and reporting activities related to groundwater quality at GMA 1.

2. Field and Analytical Procedures

2.1 General

The activities conducted as part of the baseline groundwater monitoring program, and summarized herein, primarily involved the measurement of groundwater levels and the collection and analysis of groundwater samples at select monitoring wells within GMA 1, as depicted on Figure 2. A summary of construction details for those wells that were sampled during the spring 2003 baseline monitoring event is provided in Table 2 and the field sampling data are presented in Appendix B. This section discusses the field procedures used to measure site groundwater levels and collect groundwater samples, as well as the methods used to analyze the groundwater samples. In addition, information regarding well installation and development of the new wells at GMA 1 are provided in this section. All activities were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2 Well Installation and Development

GE installed two replacement wells (ES1-23R and GMA1-13) in spring 2003. These wells were installed as replacements for wells ES1-23 and 95-9, respectively, which were found to be damaged. Well 95-9 had been found to be damaged as part of the fall 2002 groundwater sampling round and well ES1-23 was found to be damaged as part of the spring 2003 sampling. Replacement well GMA1-13 was installed approximately 250 feet south and 25 feet west of the 95-9 well location so that it would not interfere with construction and operation of a ball field to be constructed in the northeast corner of the East Street Area 2-South RAA. Replacement well ES1-23R was installed approximately 50 feet southwest of the ES1-23 well location so that it would be closer to the occupied building to the south for GW-2 monitoring purposes. The locations of both replacement wells were approved by EPA. Monitoring well logs for the new wells are presented in Appendix A.

Following installation, the new wells were developed to remove fine materials (e.g., fine sand, silt, clay) that may have accumulated in the filter pack and to ensure that the well screen is transmitting groundwater representative of the surrounding formation. Development was performed by surging the saturated portion of the well screen with a surge block and removing groundwater with a positive displacement pump.

In addition to the development of the new wells, four existing wells (wells 108A, ESA1S-33, LS-29, and LSSC-08I) were re-developed prior to sampling in spring 2003. Wells 108A and ESA1S-33 were developed in anticipation of their potential substitution for well ES1-8 for sampling purposes (well ESA1S-33 was utilized in place of well ES1-8, as discussed in Section 2.4 below). Well LS-29 was developed to assess the condition of the well after the damaged above-grade portion of the well was removed. Finally, well LSSC-08I was developed prior to its addition to the baseline program as a supplemental well.

2.3 Groundwater Elevation Monitoring

Winter 2002/2003 and spring 2003 quarterly groundwater elevation monitoring was performed in December 2002/January 2003 and March 2003/April 2003, respectively. This activity included collecting groundwater level data at the locations listed in Table 2, as well as at several NAPL monitoring program wells. The winter and spring groundwater elevation data are presented in Table 3 and, with the exception of data from well MW-4 (discussed below), were used to prepare groundwater elevation contour maps (Figures 3 and 4, respectively). As shown on these figures, the interpreted groundwater flow directions are generally consistent with those observed during prior years. Specifically, groundwater generally flows toward the Housatonic River, although localized flow variations exist due to topography and/or ongoing hydraulic control activities (i.e., automated NAPL recovery wells or recharge pond).

Groundwater elevations at well MW-4 have been anomalously high during each groundwater elevation monitoring event. This well is located in a high traffic area and the surface seal of the well appears to be compromised. GE has not utilized this data in preparation of the groundwater contour maps presented on Figures 3 and 4, as nearby well B-2 provides sufficient information on groundwater elevations near this location.

2.4 Groundwater Sampling and Analysis

The spring 2003 baseline sampling event was performed between March 25, 2003 and April 18, 2003, with the exception of replacement wells ES1-23R and GMA1-13, which were installed after the rest of the sampling event was completed and sampled on June 26-27, 2003. Groundwater samples were scheduled to be collected from 66 groundwater monitoring wells. A total of 66 monitoring wells were sampled, including 64 samples that were collected as had been planned prior to the sampling event, and two samples collected from substitute or replacement wells due to observations at the time of sampling (ESA1S-33 and ES1-23R), as discussed below.

LNAPL was observed in well ES1-8 during the time of the groundwater sampling event. Therefore, as proposed in the previous baseline monitoring report and approved by EPA, GE utilized well ESA1S-33 as an alternate sample location. Samples could not be collected from well ES1-23, which was found to be damaged. However, GE installed and sampled replacement well ES1-23R in June 2003. Well construction information for the monitoring wells that were sampled is included in Table 2.

Well LSSC-08I was added to the baseline monitoring program as a supplemental monitoring point, as required by EPA in its conditional approval letter relating to the Spring 2002 GMA 1 Groundwater Quality Report. This well was sampled as an additional/supplemental well to provide an additional downgradient monitoring point near the recently-installed sheetpile containment barrier in the Lyman Street Area. DNAPL was observed in well LSSC-08I during development, prior to sampling the well, and on several occasions since. The groundwater samples were collected by placing the sampling pump intake above the observed DNAPL level in the well. This DNAPL occurrence is being addressed by routine monitoring and removal activities performed under GE's NAPL monitoring and recovery program. It is not known, however, whether the DNAPL found in well LSSC-08I may have affected the quality of the groundwater samples collected from that well during the spring 2003 sampling round.

Low-flow sampling techniques using either a bladder or peristaltic pump were generally utilized for the purging and collection of groundwater samples during this sampling event. Certain wells that were purged dry were sampled upon recharge. The sampling methods utilized at each well are specified in Appendix B. Each monitoring well was purged utilizing low-flow techniques until field parameters (including temperature, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) stabilized, or the well was pumped dry prior to sample collection. Field parameters were measured in combination with the sampling activities at the monitoring wells. The field parameter measurements are presented in Table 4 and the field sampling data are provided in Appendix B. A general summary of the field measurement results during the spring 2003 monitoring event is provided below:

PARAMETER	UNITS	RANGE
Turbidity	Nephelometric turbidity units (NTU)	0.0 - 344
pH	pH units	6.25 – 7.96
Specific Conductivity	Millisiemens per centimeter	0.354 – 5.767
Oxidation-Reduction Potential	Millivolts	-137.6 – 275.1
Dissolved Oxygen	Milligrams per liter	0.17 – 9.78
Temperature	Degrees Celsius	4.79 – 15.51

Although the groundwater samples were generally collected by the low-flow techniques as specified in the FSP/QAPP, a certain number of minor deviations from the specified method occurred. These deviations, which are summarized on a well-by well basis in Table B-1, include:

- At some wells where dissolved oxygen data was low, the readings did not stabilize to within 10%. This was discussed with the EPA oversight contractor and it was agreed that for dissolved oxygen values below 1.0 mg/l, the 10% stabilization criteria would be replaced by a requirement that data stabilize within 0.1 mg/l. This approach, which is similar to that employed for turbidity data (i.e., the 10% stabilization criteria is replaced by a 1.0 NTU criteria when the turbidity is below 10 NTU), will be incorporated into the next annual update to the FSP/QAPP.

- For this sampling event, only one monitoring well produced samples with turbidity greater than 50 NTU (well ESA1S-33 at 344 NTU). Sample turbidity at this location, which was sampled for the first time as a replacement for well ES1-8, did not decrease with additional pumping at the minimum pump rate. In Section 5.2, GE proposes to assess whether lower turbidity samples could be collected with a bladder pump rather than a peristaltic pump, and, if not, to replace the well prior to the next sampling event, if necessary.

- Field sampling parameters (aside from turbidity) were not recorded at well GMA1-2 due to insufficient quantity of water available during sampling. GE returned to the well three days after sample collection and attempted to collect the remaining field parameter data, but the well was dry. This location was also dry during the first three baseline rounds.

- Well ES1-18 dried during an initial low-flow purging effort. A second purging attempt following recharge of the well and lowering of the pump intake produced the same result. Groundwater samples were collected after sufficient volume returned to the well after the second sampling attempt.

- Water levels were not recorded during low-flow purging at six small-diameter monitoring wells (wells 95-23, 95-25, ES1-10, ES1-18, ES1-20, and ES2-19) as the well diameters are insufficient to accommodate both the pump discharge tubing and the water level meter. To minimize any drawdown in these wells, they were purged at the lowest pump setting. None of these locations are included in GE's proposal for future sampling under an interim groundwater monitoring program (contained in Section 5.3).

- Three wells were sampled with pumps of a different type than specified in the Fall 2002 GMA 1 Groundwater Quality Report. Specifically, well ES1-5, which was slated to be sampled with a submersible pump, was instead sampled with a bladder pump. Also, wells GMA1-3 and LS-29, which were slated to be sampled with a bladder pump, were instead sampled with a peristaltic pump.

Each of these modifications was discussed with EPA's oversight contractor and copies of the sampling records were provided for EPA review during the sampling event.

The collected groundwater samples were submitted to CT&E Environmental Services, Inc. of Charleston, West Virginia for laboratory analysis. In addition, split samples from five monitoring wells were also submitted to Columbia Analytical Services, Inc. of Rochester, New York for mercury analyses. For all groundwater samples that were monitored for compliance with the GW-3 standards, the samples were submitted for analysis of the following constituents using the associated EPA methods:

CONSTITUENT	EPA METHOD
VOCs	8260B
Semi-Volatile Organic Compounds (SVOCs)	8270C
PCBs (Filtered and Unfiltered Samples)	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Metals (Filtered and Unfiltered Samples)	6010B, 7000A, and 7470A
Cyanide (Filtered and Unfiltered Samples)	9014
Sulfide	9034

For groundwater samples collected from wells that were monitored solely for compliance with the GW-2 standards, the samples were submitted for analysis of the VOCs listed in GE's FSP/QAPP, as well as five compounds listed as SVOCs in the FSP/QAPP (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene). The VOCs and five SVOCs were analyzed using EPA Method 8260B in accordance with a letter from GE to EPA dated September 28, 2001.

The analyte list at the LSSC-08S/LSSC-08I well pair varied from the standard GW-3 analyses. In addition to the GW-3 analytical parameters listed above, the groundwater sample from well LSSC-08S was also analyzed for pesticides/herbicides using EPA Methods 8080 and 8151.

For this round, well LSSC-08I was added as a supplemental sampling location. Samples from this well were analyzed for VOCs, SVOCs, and PCBs only, utilizing the analytical methods listed above.

The results of all these analyses are discussed in Section 3.

Following receipt of the analytical data from the laboratory, the preliminary results were reviewed for completeness and compared to the Massachusetts Contingency Plan (MCP) Method 1 GW-2 (where applicable) and GW-3 standards, and to the MCP Upper Concentration Limits (UCLs) for groundwater. The preliminary analytical results were presented in the next monthly report on overall activities at the GE-Pittsfield/Housatonic River Site, along with a discussion identifying sample results received with concentrations above the applicable MCP Method 1 standards and/or UCLs. EPA and MDEP were also verbally notified if concentrations above the UCLs were detected in samples where such results were not previously observed. In addition, the data will be validated in accordance with the FSP/QAPP.

The analytical data packages for the spring 2003 groundwater samples were not received from the laboratory in time to complete the data validation process and to include a final data validation report in this document. Therefore, the groundwater analytical results presented in Section 3 and the data assessments that follow were developed utilizing the preliminary analytical data. As discussed in Section 6.3, the results of this data validation process and any changes to the information presented herein (due to the validation results) will be presented in a supplement to this baseline monitoring report, to be submitted within six weeks from the date of this report.

3. Groundwater Analytical Results

3.1 General

A description of the spring 2003 groundwater analytical results is presented in this section. Tables 5 and 6 provide a comparison of the concentrations of all detected constituents with the currently applicable groundwater quality Performance Standards established in the CD and SOW, while Table 7 presents a comparison of the concentrations of detected constituents with the UCLs for groundwater. An assessment of these results relative to those groundwater quality Performance Standards and the UCLs is provided in Section 4.

3.2 Baseline Groundwater Quality Results

The following subsections provide an overview of the spring 2003 analytical results from the GMA 1 groundwater quality monitoring wells for each constituent group that was analyzed.

3.2.1 VOC Results

Groundwater samples collected from 66 groundwater quality monitoring wells were analyzed for VOCs during the spring 2003 sampling event. The VOC analytical results are summarized in Appendix C. No VOCs were detected in 37 of the groundwater samples, while 17 individual VOCs were observed in one or more of the remaining 29 samples. Total VOC concentrations ranged from non-detect (in 37 samples) to 6.2 parts per million (ppm). The most commonly observed VOCs were acetone (detected in 11 groundwater samples) and chlorobenzene (detected in 12 groundwater samples).

3.2.2 SVOC Results

Groundwater samples collected from 51 GW-3 monitoring wells were analyzed for SVOCs during the spring 2003 sampling event. In addition, samples from the remaining 15 GW-2 wells that are not also GW-3 wells were analyzed for five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), as discussed in Section 2.4. The SVOC analytical results are summarized in Appendix C. No SVOCs were detected in 37 of the GW-3 groundwater samples, while 14 individual SVOC constituents were observed in one or more of the remaining 14 such samples. The most commonly observed SVOCs were 1,3-dichlorobenzene (detected in 10 groundwater samples) and 1,4-dichlorobenzene (detected in 12 groundwater samples). In regard to the

samples from the 15 wells that were analyzed only for five select SVOCs, one constituent (naphthalene) was detected in a single GW-2 monitoring well and three constituents (1,2,4-trichlorobenzene, 1,3-dichlorobenze, and 1,4-dichlorobenzene) were detected in another GW-2 monitoring well. None of the SVOCs for which analyses were performed was detected in the other 24 GW-2 or GW-2/GW-3 wells.

3.2.3 PCB Results

Unfiltered and filtered groundwater samples from 51 monitoring wells were analyzed for PCBs as part of the spring 2003 sampling event. The PCB analytical results are summarized in Appendix C. No PCBs were detected in either of the unfiltered or filtered samples at 7 of the 51 wells. At the remaining 44 locations, one or more PCB Aroclors were detected in 43 of the unfiltered samples and in 23 filtered samples. Total PCB concentrations ranged from non-detect (in 10 samples) to 0.29 ppm in the unfiltered samples and from non-detect (in 30 samples) to 0.0050 ppm in the filtered samples.

3.2.4 Pesticide/Herbicide Results

A groundwater sample from one monitoring well (LSSC-08S) was analyzed for pesticides and herbicides during the spring 2003 sampling event. The analytical results are summarized in Appendix C. No pesticides or herbicides were detected in this sample.

3.2.5 PCDD/PCDF Results

Groundwater samples from 50 monitoring wells were analyzed for PCDDs/PCDFs during the spring 2003 sampling event. The analytical results are summarized in Appendix C. One or more individual PCDD/PCDF compounds were detected in 38 of the groundwater samples. In addition, total Toxicity Equivalency Quotients (TEQs) were calculated for the PCDD/PCDF compounds using the Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO). In calculating those TEQs, the concentrations of individual PCDD/PCDF compounds that were not detected were represented as one-half of the analytical detection limit for those compounds. Total TEQ concentrations ranged from 3.3×10^{-9} to 2.8×10^{-8} ppm.

3.2.6 Inorganic Constituent Results

Unfiltered and filtered groundwater samples from 50 monitoring wells were analyzed for inorganic constituents during the spring 2003 sampling event. The analytical results for these samples are summarized in Appendix C. All 50 of the sampling locations contained inorganic constituents in either the unfiltered or filtered samples. Up to 16 individual inorganic constituents were observed in one or more of the unfiltered samples and also in at least one filtered sample. The most commonly observed inorganics were barium (detected in 47 unfiltered samples and 48 filtered samples), copper (detected in 17 unfiltered samples and 7 filtered samples), and zinc (detected in 50 unfiltered samples and 28 filtered samples). In addition, five split samples were analyzed for mercury by two separate laboratories. The results of those analyses are discussed immediately below in Section 3.2.7.

3.2.7 Mercury Analytical Results

In the fall 2002 sampling round, mercury was detected in 37 groundwater samples, including 13 wells where mercury analysis showed levels above the MCP Method 1 GW-3 standard and two wells where the mercury concentrations were above the UCL for mercury. To assess whether laboratory issues may have impacted the analytical results, five split samples were analyzed for mercury by two separate laboratories in spring 2003. All mercury results in this monitoring event were non-detect, with the exception of the split sample from well ES1-5 where an estimated mercury concentration at the analytical detection limit was recorded in the filtered sample (see Table 8).

3.3 Adjacent MCP Disposal Site Monitoring Results

As mentioned above in Section 1.2, the O'Connell East Street Mobil Station site (MDEP Site No. 1-13347) is located on adjacent property near the northern edge of the Lyman Street Area. GE understands that this site is currently being addressed by O'Connell Oil Associates, Inc. to satisfy the requirements of Massachusetts General Laws Chapter 21-E and the MCP. GE is required to include available monitoring results from response actions performed at this adjacent site in the baseline monitoring reports for GMA 1. A site plan and summary tables of groundwater sampling results for the O'Connell East Street Mobil Site are included in Appendix E, and the monitoring well locations at this site are also shown on Figure 2. These monitoring results were obtained from a March 2003 *Phase II Comprehensive Site Assessment; 730 East Street; Pittsfield. MA; RTN# 1-13347* (Phase II CSA), prepared by ECS Marin on behalf of O'Connell Oil Associates, Inc.

The Phase II CSA contains analytical data from ten monitoring wells (designated as ECS-1 through ECS-10). Wells ECS-7 through ECS-10 are offsite downgradient wells that are located within GMA 1, as shown on Figure 2. The other wells were placed within the property boundary of the O'Connell East Street Mobil Site. Wells ECS-1 through ECS-5 were each sampled in November 1999 and again in December 2002, while wells ECS-6 through ECS-10 were only sampled in February 2003.

The Phase II CSA indicates that soluble-phase contaminants related to releases from the Mobil Station may have migrated onto GMA 1. Specifically, C5-C8 aliphatics and C9-C12 aliphatics were detected in samples collected on February 13, 2003 at concentrations above the MCP Method 1 GW-2 standard at well ECS-8, which is located within GMA 1 to the north of the Building at 10 Lyman Street. Other instances where constituents have been detected at levels above the MCP Method 1 GW-2 Standards (i.e., C5-C8 aliphatics at well ECS-5, C9-C10 aromatics at wells ECS-2, ECS-3 and ECS-5, toluene at well ECS-3, and total xylenes at wells ECS-2, ECS-3 and ECS-5) or the MCP Method 1 GW-3 Standards (i.e., C9-C10 aromatics at wells ECS-2, ECS-3 and ECS-5) are limited to data collected in November 1999 at monitoring wells located within the O'Connell East Street Mobil Site property. The second round of sampling at those locations in December 2002 produced results below the applicable MCP Method 1 GW-2 or GW-3 Standards for all constituents analyzed.

The presence or absence of NAPL in any of the monitoring wells is not discussed in the Phase II CSA. Therefore, the potential for NAPL migration into GMA 1 from the O'Connell East Street Mobil Site cannot be assessed at this time.

4. Assessment of Results

4.1 General

This report constitutes the fourth interim groundwater quality monitoring report submitted since commencement of the GMA 1 baseline groundwater monitoring program. The information presented herein is based on the laboratory results obtained during the spring 2003 groundwater sampling event, supplemented with historical groundwater analytical data when available.

4.2 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 1 are set forth in Section 2.7 and Attachment H (Section 4.1) of the SOW. In general, the Performance Standards for groundwater quality are based on the groundwater classification categories designated in the MCP. The MCP identifies three potential groundwater categories that may be applicable to a given site. One of these, GW-1 groundwater, applies to groundwater that is a current or potential source of potable drinking water. None of the groundwater at any of the GMAs at the Site is classified as GW-1. However, the remaining MCP groundwater categories are applicable to GMA 1 and are described below:

- GW-2 groundwater is defined as groundwater that is a potential source of vapors to the indoor air of buildings. Groundwater is classified as GW-2 if it is located within 30 feet of an existing occupied building and has an average annual depth to groundwater of 15 feet or less. Under the MCP, volatile constituents present within GW-2 groundwater represent a potential source of organic vapors to the indoor air of the overlying occupied structures.

- GW-3 groundwater is defined as groundwater that discharges to surface water. By MCP definition, all groundwater at a site is classified as GW-3 since it is considered to be ultimately discharged to surface water. It should be noted that some groundwater within GMA 1 does not in fact discharge directly to surface water because of the operation of numerous groundwater pumping systems. Water extracted from these systems is transferred to an on-site treatment plant for processing prior to discharge. Nevertheless, in accordance with the CD and SOW, all groundwater at GMA 1 is considered as GW-3.

The CD and the SOW allow for the establishment of standards for GW-2 and GW-3 groundwater at the GMAs through use of one of three methods, as generally described in the MCP. The first, known as Method 1, consists of the application of pre-established numerical "Method 1" standards set forth in the MCP for both GW-2 and GW-3 groundwater (310 CMR 40.0974). These "default" standards have been developed to be conservative and will serve as the initial basis for evaluating groundwater at GMA 1. The current MCP Method 1 GW-2 and GW-3 standards for the constituents detected in the fall 2002 sampling event are listed in Tables 5 and 6, respectively. (In the event of any discrepancy between the standards listed in these tables and those published in the MCP, the latter will be controlling.) For constituents for which Method 1 standards do not exist, the MCP provides procedures, known as Method 2, for developing such standards (Method 2 standards) for both GW-2 (310 CMR 40.0983(2)) and GW-3 (310 CMR 40.0983(4)) groundwater. For such constituents that are detected in groundwater during the baseline monitoring program, Attachment H to the SOW states that in the Baseline Monitoring Program Final Report, GE must propose to develop Method 2 standards using the MCP procedures or alternate procedures approved by EPA, or provide a rationale for why such standards need not be developed. For constituents whose concentrations exceed the applicable Method 1 (or Method 2) standards, GE may develop and propose to EPA alternative GW-2 and/or GW-3 standards based on a site-specific risk assessment. This procedure is known as Method 3 in the MCP. Upon EPA approval, these alternative risk-based GW-2 and/or GW-3 standards may be used in lieu of the Method 1 (or Method 2) standards. Of course, whichever method is used to establish such groundwater standards, GW-2 standards will be applied to GW-2 groundwater and GW-3 standards will be applied to GW-3 groundwater.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 1 consist of the following:

1. At monitoring wells designated as compliance points to assess GW-2 groundwater (i.e., groundwater located at an average depth of 15 feet or less from the ground surface and within 30 feet of an existing occupied building), groundwater quality shall achieve any of the following:

   (a) the Method 1 GW-2 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-2 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards);

   (b) alternative risk-based GW-2 standards developed by GE and approved by EPA as protective against unacceptable risks due to volatilization and transport of volatile chemicals from groundwater to the indoor air of nearby occupied buildings; or

(c) a condition, based on a demonstration approved by EPA, in which constituents in the groundwater do not pose an unacceptable risk to occupants of nearby occupied buildings via volatilization and transport to the indoor air of such buildings.

2. Groundwater quality shall ultimately achieve the following standards at the perimeter monitoring wells designated as compliance points for GW-3 standards:

(a) the Method 1 GW-3 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-3 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards); or

(b) alternative risk-based GW-3 standards proposed by GE and approved by EPA as protective against unacceptable risks in surface water due to potential migration of constituents in groundwater.

These Performance Standards are to be applied to the results of the individual monitoring wells included in the monitoring program. Several monitoring wells have been designated as the compliance points for attainment of the Performance Standards identified above. These wells were initially identified in the GMA 1 Baseline Monitoring Proposal (although certain modifications were made subsequent to submittal of that proposal as a result of EPA approval conditions, findings during field reconnaissance of the selected wells, or replacement of certain wells during the course of the baseline monitoring program) and are described further in Sections 4.3.1 (for GW-2 wells) and 4.3.2 (for GW-3 wells).

4.3 Groundwater Quality – Spring 2003

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the spring 2003 groundwater sampling event were compared to the applicable groundwater Performance Standards for GMA 1. These Performance Standards are described in Section 4.2 above, and are currently based (on a well-specific basis) on the MCP Method 1 GW-2 and/or GW-3 standards. The following subsections discuss the spring 2003 groundwater analytical results in relation to these Performance Standards, as well as in relation to the MCP UCLs for groundwater. In support of those discussions, Tables 5 and 6 provide a comparison of the concentrations of detected constituents with the currently applicable GW-2 and GW-3 standards, respectively, while Table 7 presents a comparison of the concentrations of detected constituents with the groundwater UCLs.

4.3.1 Spring 2003 Groundwater Results Relative to GW-2 Performance Standards

As part of the spring 2003 program, groundwater samples were collected from all of the 25 wells designated as GW-2 wells. The spring 2003 groundwater analytical results for all detected constituents subject to MCP Method 1 GW-2 standards and a comparison of those results with the applicable MCP Method 1 GW-2 standards are presented in Table 5. As shown in Table 5, none of the spring 2003 sample concentrations from the GW-2 monitoring wells were above the GW-2 Performance Standards. In addition, none of the GW-2 wells exhibited total VOC concentrations above 5 ppm (the level specified in the SOW as a notification level for GW-2 wells located within 30 feet of a school or occupied residential structure and as a trigger level for the proposal of interim response actions). These results are consistent with the results from prior baseline sampling events, where available.

4.3.2 Spring 2003 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected from all of the 51 wells designated as GW-3 wells. The spring 2003 groundwater analytical results for all constituents detected in the GW-3 monitoring wells and a comparison of those results with the applicable MCP Method 1 GW-3 standards are presented in Table 6. Although that table provides a comparison of the spring 2003 analytical results from all 51 GW-3 monitoring wells that were sampled in spring 2003, only 31 of those wells (i.e., the downgradient GW-3 perimeter wells as identified in Table 1) have been designated as compliance points for the GW-3 standards.

In making these comparisons to the Method 1 GW-3 standards for PCBs and inorganics, GE has used the results from the filtered samples. EPA has previously agreed to this approach in a letter to GE dated January 2, 2002 (relating to groundwater monitoring for GE's On-Plant Consolidation Areas). Accordingly, the unfiltered sample results were only utilized for comparison to the MCP UCLs (discussed in Section 4.3.3 below).

The comparisons set forth in Table 6 show that three constituents (i.e., chlorobenzene, filtered PCBs, and filtered cyanide) were found at levels above the respective MCP Method 1 GW-3 standards in one or more groundwater samples collected in spring 2003. Those locations and the specific constituents detected above the MCP Method 1 GW-3 standards are illustrated on Figure 5. In addition, graphs showing the historical concentrations of these constituents at the locations where the MCP Method 1 GW-3 standards were exceeded are included in Appendix D.

Groundwater concentrations were above the MCP Method 1 GW-3 standard for chlorobenzene (0.5 ppm) at three GW-3 sampling locations. Each of these samples (ESA2S-52, ESA2S-64, and HR-G3-MW-1) was collected from the East Street Area 2-South RAA. All of these wells are classified as downgradient perimeter wells, except for general/source area sentinel well ESA2S-52. Concentrations of chlorobenzene in excess of the MCP Method 1 GW-3 standard were previously detected at all of these locations.

The filtered PCB sample results from six GW-3 locations were found to be above the MCP Method 1 GW-3 standard of 0.0003 ppm for PCBs. The samples were collected from well ES1-14, located in the East Street Area 1-North RAA; well ESA1S-33, located in the East Street Area 1-South RAA; wells ES1-5 and ES1-27R, located in the East Street Area 2-North RAA; well ESA2S-52, located in the East Street Area 2-South RAA; and well LSSC-08I, located in the Lyman Street Area RAA. In addition, the PCB concentration in the filtered sample from 30s Complex monitoring well RF-2 was found to be equal to the MCP Method 1 GW-3 standard of 0.0003 ppm. Two of the locations (ES1-5 and RF-2) are downgradient perimeter wells, while a third well (LSSC-08I) is a deep well paired with downgradient perimeter well LSSC-08S (which contained PCBs at concentrations below the MCP Method 1 GW-3 standard). Filtered PCB concentrations in excess of the MCP Method 1 GW-3 standard were previously detected in well ESA2S-52, but not in any of the other wells listed above (although wells ESA1S-33 and LSSC-08I were not sampled prior to this sampling event).

Filtered cyanide levels greater than the MCP Method 1 GW-3 standard of 0.01 ppm were observed in the samples from well ESA1S-33 located in the East Street Area 1-South RAA and in two downgradient GW-3 perimeter wells (E2SC-24 and ESA2S-64) in East Street Area 2-South. Cyanide was previously detected at concentrations in excess of the MCP Method 1 GW-3 standard at the two East Street Area 2-South wells (well ESA1S-33 was not sampled prior to this sampling event).

The SOW requires that for sampling results which exceed the Method 1 GW-3 standards at downgradient perimeter monitoring wells in which (a) such an exceedance had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-3 standard and the groundwater concentration is greater than or equal to 100 times the GW-3 standard (if the exceedance was not previously addressed), GE must propose interim response actions (SOW Att. H, p. 24). These interim response actions may include: (1) further assessment activities, such as resampling, increasing the sampling frequency to quarterly, additional well installation, and/or continuing the baseline monitoring program; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and proposal of alternative risk-based GW-3 Performance Standards (SOW Att. H, p. 24). GE's proposed response to address

these exceedances (i.e., implementation of an extended and modified groundwater quality monitoring program) is discussed in Section 5.

4.3.3 Spring 2003 Comparison to Upper Concentration Limits

In addition to comparing the spring 2003 groundwater analytical results with applicable MCP Method 1 GW-2 and MCP Method 1 GW-3 standards, the analytical results from all 66 wells that were sampled have also been compared with the groundwater UCLs specified in the MCP (310 CMR 40.0996(7)). These comparisons, which include filtered and unfiltered data, are presented in Table 7 and summarized below. Locations where constituents were detected above the MCP UCLs are illustrated on Figure 6. The only constituent found at levels above its corresponding UCL was PCBs in four unfiltered samples

The UCL for unfiltered PCBs (0.005 ppm) was exceeded in the unfiltered samples collected from 30s Complex RAA well RF-3D, East Street Area 2-South RAA well ESA2S-52, Lyman Street RAA well LSSC-08I, and Newell Street Area II RAA well NS-37. The UCL for PCBs was not exceeded in any of the associated filtered samples at these locations although PCB concentrations equal to the UCL were observed in the filtered sample from well LSSC-08I. Similar results have previously been recorded at well ESA2S-52, but not in any of the other wells listed above (wells ESA1S-33 and LSSC-08I were not sampled prior to this sampling event). It should also be noted that well LSSC-08I contained DNAPL that was removed from the well prior to sampling.

4.4 Assessment of Reported Mercury Detections from Fall 2002 Sampling Round

In the fall 2002 sampling round, mercury was detected in 37 groundwater samples, including 13 wells where mercury levels were above the MCP Method 1 GW-3 standard and two wells where the mercury concentrations were above the UCL for mercury. Mercury had not been detected in any of those wells during prior baseline monitoring events and mercury was not detected in the fall 2002 split samples analyzed by EPA.

To assess whether laboratory issues may have impacted the analytical results, and pursuant to EPA's conditional approval letter for the Fall 2002 GMA 1 Groundwater Quality Report, five split samples were analyzed for mercury by two separate laboratories in spring 2003. All mercury results in this monitoring event were non-detect, with the exception of the split sample from well ES1-5, where an estimated mercury concentration at the analytical detection limit was recorded in the filtered sample (see Table 8).

Therefore, the occurrence of mercury at several locations in fall 2002, which included both upgradient and downgradient wells spread across several RAAs, is considered anomalous. Although GE attempted to identify a specific laboratory issue or potential source of mercury contamination for the fall 2002 groundwater samples, it was unable to do so. Nonetheless, in view of the absence of mercury from the other baseline sampling rounds and the confirmation sampling performed during this sampling round by two independent laboratories, the detections of mercury from the fall 2002 sampling round are believed to be anomalous and mercury is not a constituent of interest at GMA 1. However, to provide an additional round of baseline data during the fall season at the wells where the highest anomalous detections were recorded, GE proposes to collect an additional round of samples for mercury analysis from 12 wells where the suspect fall 2002 data showed a mercury concentration above the GW-3 standard of 0.001 ppm. Those locations are listed in Table 9.

4.5 Overall Assessment of Groundwater Analytical Results

Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB concentrations for all wells sampled in spring 2003 that have been previously sampled and analyzed for those constituents are presented in Appendix D. In addition, Appendix D contains graphs of historical concentrations of individual constituents that exceeded the applicable MCP Method 1 GW-3 standards or UCLs at monitoring wells during any of the four baseline monitoring program sampling events (no exceedances of the MCP Method 1 GW-2 standards have been documented at the GW-2 monitoring wells, and therefore no graphs have been prepared based on GW-2 sampling data). Based on a review of the concentration vs. time graphs presented in Appendix D, it appears that concentrations of analytes of interest have remained relatively stable in the majority of the baseline wells. In general, while there were some changes in a few wells, only minor fluctuations in VOC and PCB concentrations have been observed between monitoring events in most wells.

The spring 2003 monitoring event constitutes the fourth sampling event at most of the wells in the GMA 1 baseline monitoring program. GE will continue to monitor the analytical data to identify potential trends as additional samples are collected in the future. The following subsections discuss the overall baseline groundwater monitoring program data set with respect to the applicable GW-2 and GW-3 Performance Standards.

4.5.1 Overall Groundwater Results Relative to GW-2 Performance Standards

The GMA 1 baseline groundwater monitoring results up to the present time, including the spring 2003 groundwater analytical data, indicate no significant impacts to groundwater in the vicinity of occupied buildings. As discussed above, all detected constituents in the GW-2 groundwater samples were at levels below the respective Method 1 GW-2 standards and none of those samples contained total VOC levels above 5 ppm. These results are consistent with data from the three prior baseline sampling events at the GW-2 monitoring wells.

4.5.2 Overall Groundwater Results Relative to GW-3 Performance Standards

Concentrations of six constituents (chlorobenzene, cyanide, mercury, PCBs, PCDDs/PCDFs and 1,2,4-trichlorobenzene) were observed at levels above their respective MCP Method 1 GW-3 standards during the baseline monitoring program and 32 monitoring wells contained one or more constituents at levels above their respective GW-3 standards during at least a single baseline monitoring event. However, as discussed below, only some of these wells consistently contained elevated concentrations above the applicable GW-3 standards throughout the baseline monitoring program. Moreover, the only GW-3 exceedance recorded at seven of these wells was for mercury during the fall 2002 sampling event; as discussed in Section 4.4, the mercury results from that round do not correlate with the other baseline monitoring rounds or with EPA split sample data.

Chlorobenzene levels above the MCP Method 1 GW-3 standard of 0.5 ppm were detected at seven wells (including well ES2-17, which was removed from the baseline program after the spring 2002 sampling event and replaced by well ESA2S-52) during the baseline monitoring program. With the exception of well N2SC-07S, each of these wells are located in the southwestern portion of East Street Area 2-South, near the western limb of former Oxbow H. The average chlorobenzene concentrations at wells 3-6C-EB-14, ES2-2A, ES2-17, ESA2S-52, ESA2S-64, and HR-G3-MW-1 are each well above the GW-3 standard, while the average concentration at well N2SC-07S is slightly below this standard.

No other VOCs were detected at concentrations above their MCP Method 1 GW-3 standards during the baseline monitoring program.

The only SVOC detected at a level above its MCP Method 1 GW-3 standard during the baseline monitoring program was 1,2,4-trichlorobenzene at well ES2-17. This well was removed from the baseline program after the second

sampling event (due to the presence of NAPL) and replaced by well ESA2S-52. All of the 1,2,4-trichlorobenzene data from well ESA2S-52 are below the GW-3 standard for this constituent (0.5 ppm).

The filtered PCB sample results from 23 GW-3 locations were found to be above the MCP Method 1 GW-3 standard of 0.0003 ppm for PCBs during at least one baseline sampling event. However, many of these locations only had a single such exceedance during the two-year program and three of the wells (ES1-8, ES2-17, and 95-9) were removed from the baseline program and replaced by other monitoring wells. The only locations where PCB concentrations were above the MCP Method 1 GW-3 standard, on average over four sampling events, were 3-6C-EB-29, E2SC-23, ESA2S-52, LS-28, and NS-37 (and also at wells ESA1S-33 and LSSC-08I, which were added to the program in spring 2003 and only sampled once). Average PCB concentrations were slightly below the GW-3 standard at wells E2SC-24, ES1-5, ES1-27R, ESA1N-52, ESA1S-139, HR-G3-MW-1, LSSC-18, and N2SC-07S. In Section 5.2, interim sampling and analysis for PCBs is proposed at these locations to determine if long-term monitoring is needed. The average PCB concentrations in filtered samples from the remaining five locations with at least one elevated PCB reading (ES1-14, ES2-2A, ES2-8, NS-9, and RF-2) was well below the GW-3 Performance Standard for PCBs.

The groundwater samples collected from two East Street Area 2-South monitoring wells (former general/source area sentinel well ES2-17 and downgradient perimeter well E2SC-23) contained total PCDD/PCDF TEQ concentrations above the MCP Method 1 GW-3 standard of 1×10^{-7} ppm, each during a single baseline monitoring event. However, the average total PCDD/PCDF TEQ concentration at well E2SC-23 is below the GW-3 standard.

Cyanide levels greater than the MCP Method 1 GW-3 standard of 0.01 ppm were observed in the filtered samples from four monitoring wells (E2SC-24, ESA1S-33, ESA2S-64, and HR-G1-MW-3) during one or both baseline rounds where filtered samples were collected for cyanide analyses. In addition to these wells, cyanide was also detected in unfiltered samples (prior to the collection of filtered samples for cyanide analysis) at concentrations in excess of the MCP Method 1 GW-3 standard at wells B-2, ES1-23, ESA2S-52, IA-9R. However, the results of subsequent filtered sample analyses show that cyanide concentrations at those locations are below the applicable GW-3 standard.

Finally, as discussed in Section 4.4 above, mercury was detected in 37 groundwater samples in fall 2002, including 13 wells where mercury levels were above the MCP Method 1 GW-3 standard of 0.001 ppm for mercury. Mercury had not been detected in any of those wells during prior baseline monitoring events and mercury was not detected in the subsequent spring 2003 sampling event, with the exception of the split sample from well ES1-5, where an estimated mercury concentration at the analytical detection limit was recorded in the filtered sample.

Therefore, the occurrence of mercury at several locations in fall 2002, which included both upgradient and downgradient wells spread across several RAAs, is considered anomalous; nonetheless, GE proposes to collect an additional set of baseline data from 12 of the 13 wells that showed a mercury concentration above the GW-3 standard in fall 2002 for mercury analysis.

A proposal for an interim groundwater monitoring program designed to continue monitoring for constituents of interest at locations with concentrations approaching the GW-3 Performance Standards is presented in Section 5.2.

5. Proposed Extended and Modified Baseline Monitoring Program

5.1 General

This section contains a description of GE's proposed extended and modified baseline groundwater monitoring program (referred to as the interim groundwater monitoring program) to be conducted until completion of the soil-related Removal Actions at the RAAs that comprise GMA 1. This section also discusses proposed technical modifications that were implemented with EPA approval during this sampling event and will be retained for future groundwater quality monitoring activities. These activities are proposed to address the spring 2003 groundwater sampling results at GMA 1, and in response to other observations made during the baseline groundwater quality monitoring program.

5.2 Summary of Proposed Interim Groundwater Quality Monitoring Program

The recently completed spring 2003 semi-annual sampling event was originally scheduled to be the fourth and final baseline groundwater quality monitoring event prior to development of a long-term groundwater monitoring program. However, under the approved schedules, GE has not yet completed the pre-design soil investigations or an evaluation of soil-related Removal Actions at the majority of the RAAs that comprise GMA 1, much less conducted any necessary soil-related Removal Actions at these RAAs. Moreover, there are certain wells for which four complete rounds of baseline sampling data do not exist. Therefore, GE believes it is premature to implement a long-term groundwater monitoring program until those activities have been conducted.

Section 6.1.3 of Attachment H to the SOW provides that if the two-year "baseline" period ends prior to the completion of soil-related response actions at all the RAAs in a GMA, GE may make a proposal to EPA for approval to modify and/or extend the Baseline Monitoring Program based on the results of the initial assessment and the estimated timing of future response actions at the RAAs in the GMA. The SOW also states that such a proposal shall be presented in the baseline assessment final report for that GMA. Similarly, the approved GMA 1 Baseline Monitoring Proposal also allows GE to propose a modification and/or extension of the baseline monitoring program based on the results of the initial assessment and the estimated timing of future response actions.

As noted above, the two-year baseline period for this GMA has ended prior to the completion of soil-related response actions at the majority of the RAAs in GMA 1. Therefore, GE proposes to extend the baseline monitoring program, but to modify that program based on the results of the preceding two-year baseline monitoring period.

For the same reasons it is premature to terminate the baseline monitoring program, and particularly if GE is to extend the monitoring program, it is also premature to submit a final baseline monitoring program report. Therefore, rather than making this proposal in the final baseline monitoring program report, GE proposes the extension and modification of the baseline monitoring program in this report, and further proposes that submission of the final baseline monitoring program report be deferred until completion of the interim monitoring program.

Specifically, GE proposes that an interim groundwater quality monitoring program be implemented at GMA 1 until such time as all required soil-related Removal Actions are completed within this GMA and a comprehensive long-term monitoring program may be developed. GE has discussed its overall approach to the interim groundwater quality monitoring program with EPA, and in general, that program will consist of:

- Semi-annual sampling and analyses at any GMA 1 baseline monitoring well where four baseline sampling rounds were not conducted until four such sampling events are performed. Analyses will be performed according to the requirements of the baseline monitoring program as it existed prior to initiation of the interim sampling.

- Collection of one additional set of samples for mercury analysis from 12 wells where mercury concentrations above the MCP GW-3 Standard were recorded in fall 2002;

- Annual sampling (to be performed in the spring) and analysis at selected GMA 1 locations (i.e., wells where average sample concentrations near the MCP Method 1 GW-3 standards were observed during baseline monitoring and wells downgradient of known NAPL areas/recovery systems where no additional hydraulic controls (i.e., sheetpile containment barriers) are in place. Analyses will be performed for constituents of interest as discussed below and listed in Table 9. Specifically, this proposed program will focus on locations where the baseline analytical data shows constituent concentrations approaching the GW-3 Performance Standards.

- Presentation of preliminary monitoring results and analytical data in GE's monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

- Preparation of brief annual summary reports providing the data results after validation for prior sampling events, evaluations of the monitoring data, and proposals to modify the monitoring program.

Groundwater elevation monitoring (beyond measurements taken at the time of sample collection) is not proposed as part of this interim monitoring program as it is currently, and will continue to be, addressed under GE's GMA 1 NAPL monitoring program. All groundwater elevation data and mapping will be presented in GE's semi-annual NAPL monitoring reports for GMA 1.

As mentioned above, aside from obtaining a fourth baseline sample set at certain locations and collecting additional mercury data at others, the proposed interim monitoring program is designed primarily to obtain additional data from locations where it is not yet clear whether the initial baseline groundwater quality results indicate that the well may require future monitoring in a long-term monitoring program. To identify this subset of monitoring wells GE has utilized a criteria based on the average constituent concentrations observed in the historical data set at each well. Specifically, wells where the average concentration of a given constituent are below, but greater than 50% of the MCP GW-3 Standard for that constituent, were considered for interim monitoring. None of the GW-2 monitoring wells contained constituents greater than 50% of the respective MCP GW-2 Standards, therefore no additional monitoring is proposed based solely on GW-2 compliance. Since compliance with the GW-3 Performance Standards will be the key factor in the long-term monitoring program, GE proposes that all future PCB, metals, and cyanide analyses (other than sampling for the completion of four rounds of the initial baseline sampling) be performed utilizing filtered samples only, as only filtered samples have been utilized for comparison to GW-3 standards throughout the GMA 1 groundwater monitoring program. However, as noted above, GE will continue to collect both filtered and unfiltered samples from the wells that do not have four complete rounds of data (including locations where additional mercury data is proposed to potentially replace the fall 2002 data) to have four complete sets of filtered and unfiltered samples.

Except in certain cases (e.g. the portions of the East Street Area 1-South residential area downgradient from NAPL areas), wells where average constituent concentrations fell outside the range discussed above are not proposed for interim monitoring as they will not significantly assist in a determination as to whether these wells should be part of the long-term monitoring program. Sampling at locations where either the groundwater Performance Standards have consistently been exceeded, or the constituent concentrations have consistently been well below the groundwater Performance Standards, would not serve the purpose of the interim sampling program.

The specific components of the proposed interim program at each RAA are described below.

5.2.1 Proposed Interim Groundwater Quality Monitoring Well Network

The following subsections discuss the proposed extended and modified baseline groundwater quality monitoring locations, analyses, and sampling schedule for each RAA within GMA 1. The rationale for the inclusion or exclusion of each well in the extended and modified baseline groundwater quality monitoring program is provided. A breakdown of the proposed interim sampling program is provided in Table 9. Locations of the wells to be included in the program are shown on Figure 7.

5.2.1.1 20s Complex

Well 95-23 was the only baseline monitoring well located in the 20s Complex. No interim sampling is proposed at this well, as no sample concentrations near or above the applicable Performance Standards were observed during the baseline sampling rounds up to the present time.

5.2.1.2 30s Complex

Well GMA1-2 was dry during the first three baseline sampling events, but was sampled in spring 2003. This well is intended to be monitored for GW-2 compliance near the former Buildings 33, 33-A, 33-E, and 33-X. The typical depth to groundwater in this well is greater than 15 feet below ground surface, indicating that the GW-2 criteria may not be applicable in this area. However, GE does not propose to exclude this well from future GW-2 monitoring at this time. Instead, GE will check this well during each future groundwater monitoring event and collect a sample for analysis of VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), provided sufficient groundwater is present in the well. Prior to implementation of the long-term groundwater quality monitoring program, GE will evaluate the groundwater elevation and analytical data for well GMA1-2 to identify if the GW-2 Performance Standards are applicable for this location.

Sampling and analysis for cyanide (filtered samples only) is proposed at well RF-16 because the average cyanide concentration was slightly below the MCP Method 1 GW-3 standard.

No sampling is proposed at the remaining wells in the 30s Complex, as the average sample concentrations were not near or above the applicable Performance Standards during the baseline sampling rounds.

5.2.1.3 40s Complex

Well RF-4 was the only baseline monitoring well located in the 40s Complex. No sampling is proposed at this well, as no sample concentrations near or above the applicable Performance Standards were observed during the baseline sampling rounds.

5.2.1.4 East Street Area 2-South

General/source area sentinel well 95-9 was found to be damaged and a groundwater sample could not be collected in fall 2002. GE installed well GMA1-13 as a replacement for well 95-9 and utilized it in spring 2003. As a result, three of four baseline monitoring program sampling events have been completed at this location. GE will collect a fourth baseline sample set in fall 2003 for analysis of all Appendix IX+3 constituents, excluding pesticides/herbicides. Upon review of those analytical results, GE will submit a proposal regarding the need for any further groundwater quality monitoring at this location.

Interim sampling for PCBs (filtered samples only) is proposed at wells E2SC-24 and HR-G3-MW-1 as the average PCB concentrations at these wells were slightly below the MCP Method 1 GW-3 standard and additional data is necessary to determine the need for long-term monitoring. For the same reason, interim sampling and analysis for cyanide (filtered samples only) is proposed at wells ES2-2A, ESA2S-52, and HR-G1-MW-3.

One additional set of samples for mercury analysis (filtered and unfiltered samples) is proposed at wells HR-G1-MW-3 and HR-G3-MW-1 to further assess the anomalous fall 2002 mercury results that showed exceedances of the MCP Method 1 GW-3 standard at these wells. This sampling is proposed to be performed in fall 2003.

Several other wells at East Street Area 2-South contained constituents at levels above their respective GW-3 Performance Standards on a consistent basis, or at sufficiently high concentrations during limited occasions such that the average concentration was in excess of the applicable Performance Standard. Since it is unlikely that sample concentrations will change significantly in the near term at those locations, no interim analyses are proposed at the following wells for the specified constituents: 3-6C-EB-14 (chlorobenzene); 3-6C-EB-29 (PCBs); E2SC-23 (PCBs and PCDDs/PCDFs); E2SC-24 (cyanide); ES2-2A (chlorobenzene); ESA2S-52 (PCBs and chlorobenzene); ESA2S-64 (chlorobenzene and cyanide); and HR-G3-MW-1 (chlorobenzene).

No interim sampling is proposed at East Street Area 2-South wells 95-25, ES2-5, or ES2-8 as the average sample concentrations were well below the applicable Performance Standards during the baseline sampling rounds.

5.2.1.5 East Street Area 2-North

Well GMA1-4 was dry during the first three baseline sampling events, but was sampled in spring 2003. This well is intended to be monitored for GW-2 compliance near Buildings 19, 16, and 16-X. The depth to groundwater in this well is consistently greater than 15 feet below ground surface, indicating that the GW-2 criteria may not be applicable in this area. However, similar to well GMA1-2 in the 30s Complex, GE does not propose to exclude this well from future GW-2 monitoring at this time. Instead, GE will check this well during each future groundwater monitoring event and collect a sample for analysis of VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), provided sufficient groundwater is present in the well. Prior to implementation of the long-term groundwater quality monitoring program, GE will evaluate the groundwater elevation and analytical data for well GMA1-4 to identify if the GW-2 Performance Standards are applicable for this location.

GW-2 sentinel well A7 was found to be dry during the fall 2002 baseline sampling event and was not sampled. As a result, three of four baseline monitoring program sampling events have been completed at this location. GE will collect a fourth baseline sample set from this well in fall 2003 for analysis of VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), provided sufficient groundwater is present in the well. Upon review of those analytical results, GE will submit a proposal regarding the need for any further groundwater quality monitoring at this location.

Interim sampling and analyses for PCBs (filtered samples only) is proposed at wells ES1-5 and ES1-27R as the average PCB concentrations observed at these wells during the baseline monitoring program was slightly below the MCP Method 1 GW-3 standard for PCBs.

One additional set of samples for mercury analysis (filtered and unfiltered samples) is proposed to be collected from well ES1-5 in fall 2003 to further assess the anomalous fall 2002 mercury results above the MCP Method 1 GW-3 standard.

No interim sampling is proposed at the remaining East Street Area 2-North wells, as no sample concentrations near or above the applicable Performance Standards were observed during the baseline monitoring program.

5.2.1.6 Lyman Street Area

GW-2 sentinel well MW-3 and general/source area sentinel well LS-29 were found to be damaged in spring 2002 and fall 2002, respectively, and groundwater samples could not be collected during those monitoring events. Subsequently, GE replaced well MW-3 with well LS-MW-3R and repaired well LS-29. GE utilized these for the remaining sampling events. As a result, three of four baseline monitoring program sampling events have been completed at these two locations. GE will collect a fourth baseline sample set from each of these wells in fall 2003. The sample from well LS-MW-3R will be analyzed for VOCs and five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), and the sample from well LS-29 will be analyzed for all Appendix IX+3 constituents, excluding pesticides/herbicides. Upon review of those analytical results, GE will submit a proposal regarding the need for any further groundwater quality monitoring at these locations.

Interim sampling for PCBs (filtered samples only) is proposed at well LSSC-18, where the average PCB concentration was slightly below the MCP Method 1 GW-3 standard, to determine the need for long-term monitoring.

Additional sampling and analysis for mercury (filtered and unfiltered samples) is proposed at wells B-2, E-7, MW-6R to further assess the anomalous fall 2002 mercury results greater than the MCP Method 1 GW-3 standard at these wells. This sampling is proposed to be performed in fall 2003. As discussed in Section 2.3, the integrity of well MW-4 is questionable due to its location in a high traffic area. Therefore, although this well also contained mercury concentrations above the MCP Method 1 GW-3 standard in fall 2002, no additional sampling is proposed. The potential presence of mercury in this area will be addressed by the additional sampling proposed at nearby well B-2.

Two other wells at the Lyman Street Area (LS-28 and LSSC-08I) contained PCB levels above GW-3 Performance Standard, on average, over the entire baseline sampling period. Since it is unlikely that sample concentrations will change significantly in the near term, no interim analyses are proposed for PCBs at these locations. Although well LSSC-08I was only sampled as a supplemental well during the spring 2003 round, the presence of DNAPL in this well, in conjunction with the analytical data, provides sufficient basis to infer that long-term monitoring will likely be required at this location. Therefore, there is no need to address PCB levels at wells LS-28 and LSSC-08I in the interim groundwater monitoring program.

No interim sampling is proposed at the remaining Lyman Street Area wells, as the average sample concentrations observed during the baseline monitoring program were well below the applicable Performance Standards.

5.2.1.7 Newell Street Area II

Interim sampling for PCBs (filtered samples only) and VOCs is proposed at well N2SC-07S as the average PCB and chlorobenzene concentrations at this well were slightly below the MCP Method 1 GW-3 standard and additional data is necessary to determine if long-term monitoring is warranted.

One additional set of samples for mercury analysis (filtered and unfiltered samples) is proposed at wells GMA1-9, N2SC-07S, NS-9, NS-17, NS-20, and NS-37 to further assess the anomalous fall 2002 mercury results that showed exceedances of the MCP Method 1 GW-3 standard at these wells. This sampling is proposed to be performed in fall 2003.

PCB levels at well NS-37 were, on average, greater than the GW-3 Performance Standard over the entire baseline sampling period. Therefore, no interim analyses are proposed at this well for PCBs.

5.2.1.8 Newell Street Area I

No interim sampling is proposed at Newell Street Area 1, because the average sample concentrations were well below the applicable Performance Standards for all constituents during the baseline monitoring program.

5.2.1.9 East Street Area 1-North

In spring 2003, GE sampled well ESA1S-33 as an alternate to well ES1-8 (which contains LNAPL) for GW-2/general/source area sentinel monitoring in this area and proposes to continue using this alternate well (or a replacement) for interim groundwater quality monitoring. Since well ESA1S-33 is located in the East Street Area 1-South RAA (located on the south side of East Street, approximately 60 feet south of ES1-8), GE's proposal to address baseline results from well ES1-8 are presented in Section 5.3.1.10 below. However, if well ESA1S-33 requires replacement following GE's proposed turbidity reduction assessment, GE may propose to install a new well in East Street Area 1-North rather than near the ESA1S-33 location to allow for sampling closer to the originally-approved monitoring location in this area. NAPL presence in well ES1-8 will continue to be addressed by routine monitoring and removal activities performed under GE's NAPL monitoring and recovery program.

In addition, interim sampling for PCBs (filtered samples only) is proposed at well ESA1N-52, where the average PCB concentration was slightly below the MCP Method 1 GW-3 standard, to determine if long-term monitoring is appropriate at this location.

No interim sampling is proposed at the other East Street Area 1-North monitoring well (ES1-14) because the average sample concentrations for all constituents were well below the applicable Performance Standards during the baseline monitoring program.

5.2.1.10 East Street Area 1-South

Wells ESA1S-33 and GMA1-6 are located downgradient of the Northside Recovery System and the Southside Recovery System, respectively. These wells are proposed to be sampled for VOCs (plus five GW-2 SVOCs) and PCBs to monitor conditions in the residential areas downgradient of the two NAPL recovery systems. In addition, samples from well ESA1S-33 are proposed to be analyzed for cyanide (filtered samples only) to provide additional data at this location. The MCP Method 1 GW-3 standards for PCBs and cyanide were exceeded during the spring 2003 baseline monitoring round, which was the first sampling event at this location.

As discussed in Section 2.4, GE was unable to obtain samples from well ESA1S-33 with turbidities below 50 NTU in spring 2003. A peristaltic pump was used during that sampling event. GE proposes to purge the well with a bladder pump prior to the next scheduled sampling event to determine whether a change in pump type will produce lower turbidity samples. If so, GE will continue to utilize well ESA1S-33 for future sampling activities. If not, GE will propose to install a replacement well. Since well ESA1S-33 was utilized in place of well ES1-8, the location of the potential new well may be shifted back to East Street Area 1-North if a suitable location near well ESA1S-33 cannot be identified. EPA will be consulted on the placement of the potential new well prior to performance of the proposed bladder pump assessment, so that the well can be installed (if necessary) in a timely manner to allow sampling to be conducted in spring 2004.

PCB levels at well 139 were, on average, slightly below the GW-3 Performance Standard during the baseline sampling program. Therefore, interim analyses are proposed at this well for PCBs to help determine whether the presence of PCBs at this location should be addressed in the long-term groundwater monitoring program.

The average sample concentrations for all constituents were well below the applicable Performance Standards during the baseline monitoring program at the other East Street Area 1-South monitoring wells. Therefore, no interim sampling is proposed.

5.2.2 Proposed Groundwater Quality-Related Notification Procedures

Upon obtaining knowledge of sampling data from a well containing category GW-2 groundwater within 30 feet of a school or occupied residential structure and having a total VOC concentration equal to or greater than 5 ppm, GE will verbally notify EPA and MDEP within 72 hours (followed by electronic or other written submittal documenting the notification) unless such exceedance was previously observed and reported to EPA. GE will provide the data from each such event in the next monthly progress report for overall work at the Site. Subsequent exceedances for a given well will also be indicated in the next monthly progress report for the Site.

If an exceedance of a groundwater Upper Concentration Limit (UCL), as set forth in the MCP (310 CMR 40.0996(5)), is indicated in a groundwater sample from any monitoring well, and such an exceedance was not previously observed and reported to EPA, GE will verbally notify EPA and MDEP within 14 days of obtaining knowledge of such results (followed by electronic submittal documenting the notification). GE will also provide the data and identify specifically each such exceedance in the next monthly progress report for overall work at the Site. Subsequent exceedances of a UCL for a given well will be identified in the next monthly report. The monthly progress report for overall work at the Site will also identify any wells that were sampled, provide the preliminary analytical results, and specify all constituents that exceeded the applicable GW-2 or GW-3 standards.

5.2.3 Proposed Groundwater Quality Reporting Procedures

GE will provide the results of ongoing water level measurements and preliminary groundwater analytical data in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

Following each interim sampling event, GE proposes to prepare a brief report summarizing the data collected. The first report will be submitted after the proposed fall 2003 sampling event, which is proposed to consist of only wells where less than four baseline sampling rounds were completed, plus additional sampling and analysis for mercury at selected wells. This report will discuss the need for further interim sampling at the wells sampled in fall 2003, and may propose to continue the current progra n for baseline monitoring at certain locations (i.e., at locations where less

than four data sets are available even after the fall 2003 sampling event) or to implement modified interim groundwater quality monitoring activities at some or all of the wells. In addition to discussions concerning the completion of the baseline sampling requirements, the fall 2003 report and each subsequent interim groundwater quality monitoring report will contain the components discussed below.

Each annual summary report will present the tabulated final validated analytical data from the most recent sampling event, including a comparison of those results to the Method 1 (or 2) GW-2 or GW-3 standards at applicable well locations. If the sampling results for GW-2 compliance wells indicate: (1) an exceedance of the Method 1 (or 2) GW-2 standards in a well in which such exceedance had not previously been found; or (2) the GW-2 standard has previously been exceeded and groundwater concentration is greater than or equal to 5 ppm total VOCs (if such an exceedance was not previously addressed), GE will propose appropriate interim response actions. These response actions may include: resampling of the groundwater; increasing the sampling frequency; additional well installation and sampling (taking into account the proximity of any known or any newly defined potential soil-related contaminant sources and/or potential preferential pathways); soil gas sampling; modeling of potential volatilization of chemicals from the groundwater to the indoor air of the nearby occupied buildings; sampling of the indoor air of such buildings; an evaluation of the potential risks related to volatilization to such indoor air; the development of a risk-based alternative GW-2 standard; and/or active response actions, including, but not limited to, containment, recovery, or treatment of impacted groundwater and/or NAPL.

For sampling results that indicate an exceedance of Method 1 (or 2) GW-3 standards at downgradient perimeter monitoring wells in a well in which: (1) such exceedance had not previously been found; or (2) the GW-3 standard (Method 1 or 2) has previously been exceeded and the groundwater concentration is greater than or equal to 100 times the GW-3 standard (if such exceedance was not previously addressed), GE will propose interim response actions, which may include: (a) further assessment activities such as resampling, increasing the sampling frequency, additional well installation and sampling (taking into account the proximity of any known or any newly defined potential soil-related contaminant sources and/or potential preferential pathways), and/or continuation of the baseline monitoring program; (b) active response actions, including, but not limited to, containment, recovery, or treatment of impacted groundwater; and/or (c) the conduct of a site-specific risk evaluation (taking into account the impacts on adjacent surface water, sediments, or biota) and the proposal of alternative risk-based GW-3 Performance Standards. Upon EPA approval, GE will implement the approved interim response actions.

In any annual summary report, GE may propose modifications to the monitoring frequency and specific wells to be monitored and/or the constituents to be analyzed for during future sampling rounds in the interim monitoring

program. In addition, GE will evaluate the results of future pre-design soil investigations performed within the RAAs that comprise GMA 1 to identify potential soil-related impacts to groundwater. If any new potential soil sources are identified, GE will re-evaluate the available groundwater data relative to the area of interest and propose, if appropriate, modifications to the monitoring program (e.g., installation of new monitoring wells, sampling of existing wells, etc.) to assess the potential impact to groundwater. Upon EPA approval, GE will implement such modifications.

The groundwater quality reports for GMA 1 will also include an update to the estimated schedule for GE's submittal of a proposal(s) to EPA for a long-term groundwater monitoring program. Since the schedule for GE's long-term groundwater monitoring program proposal will be dependent on the status of soil-related Removal Actions at the RAAs within GMA 1, GE may propose to initiate long-term monitoring at portions of GMA 1 where Removal Actions have been completed, while continuing interim monitoring activities at other areas.

5.3 Field Procedures – Low-Flow Sampling Procedures

One minor modification to the low-flow sampling procedure was implemented in spring 2003. Previously, a well was not considered stabilized and ready for sample collection until the dissolved oxygen level remained within 10% for three consecutive readings collected at three to five minute intervals (in additional to separate stabilization criteria for other field parameters). However, dissolved oxygen is a parameter that tends to decrease during purging, frequently approaching a value of zero. Utilizing a percentage-based criterion at very low values was found to be overly restrictive since very minor variations (e.g., a single instrument unit) may not allow the stabilization requirements to be met, although no new information is gained by additional purging. GE proposed a variation to this criterion to allow sampling to commence without undue delay once very low dissolved oxygen values are confirmed. Specifically, the well is considered stabilized and ready for sample collection when the dissolved oxygen level remains within 10% (or within 0.1 mg/l if the dissolved oxygen level is less than 1.0 mg/l) for three consecutive readings collected at three to five minute intervals. A similar criterion is already in place for turbidity measurements, which also decrease during purging. This modification was discussed with EPA's oversight contractor at the start of the sampling event and, as agreed upon, was implemented thereafter. The next revision of GE's FSP/QAPP will be revised to incorporate this change.

In the Fall 2002 GMA 1 Groundwater Quality Report, GE provided a listing of the type of pump to be utilized for low-flow purging and sampling at each baseline monitoring well. The specified pump types were generally utilized in spring 2003, with a few exceptions, as discussed in Section 2.4. For the continued groundwater monitoring program,

GE proposes to continue to utilize the same pump types presented in Table 8 of the Fall 2002 GMA 1 Groundwater Quality Report at all wells that will continue to be sampled, with the following modifications:

- Well ESA1S-33: Change from peristaltic pump (previously listed for well ES1-8, which was replaced by well ESA1S-33) to bladder pump for turbidity reduction purposes. As discussed in Section 5.2.1.10, the ability of bladder pumps to obtain low turbidity samples from this well will be assessed prior to the next scheduled sampling event and a replacement well may be installed, if necessary. A bladder pump will also be utilized if a replacement well is installed;

- Well GMA1-13: Change from submersible pump (previously listed for well 95-9, which was replaced by well GMA1-13) to peristaltic pump, as the depth to water is within the range of a peristaltic pump at the new well. However, if the fall water levels drop below the range with this type of pump, a bladder pump will be utilized due to increased stability at low pumping rates as compared to a submersible pump; and

- Well LS-29: Change from bladder pump (previously specified for turbidity reduction purposes) to peristaltic pump, as the well will not accommodate a bladder pump and low turbidity samples were successfully obtained with a peristaltic pump in spring 2003.

No other modifications to the low-flow sampling procedures are proposed for future groundwater sampling events.

6. Schedule of Future Activities

6.1 General

This section addresses the schedule for future groundwater quality monitoring activities and reporting for GMA 1. This schedule assumes that the extended and modified baseline groundwater quality monitoring program proposed in Section 5 will be implemented. Therefore, this section provides a schedule for the upcoming fall 2003 and spring 2004 monitoring events and associated reporting activities, as proposed in Section 5 of this report.

6.2 Field Activities Schedule

GE has recently completed its quarterly water level monitoring round for summer 2003 and, as proposed in Section 5, will not conduct additional groundwater elevation monitoring activities as part of the GMA 1 groundwater quality monitoring program except where necessary to monitor drawdown as part of groundwater sample collection activities. However, GE will continue its routine groundwater elevation and NAPL monitoring activities according to the schedule approved by EPA under GE's NAPL monitoring program. All future groundwater elevation monitoring and reporting will be conducted under the NAPL monitoring program.

In accordance with the proposed interim monitoring schedule, GE anticipates that the next groundwater sampling event will take place in October 2003. As listed in Table 9, the 12 wells proposed for additional mercury analyses will be sampled. In addition, the six wells that do not have four complete baseline monitoring data sets (wells A7, GMA1-2, GMA1-4, GMA1-13, LS-29, and LS-MW-3R) will be sampled for the analytical parameter lists that were previously approved for baseline monitoring.

GE anticipates that the spring 2004 annual interim sampling event will take place in April 2004. The 14 monitoring wells proposed for annual sampling in the interim groundwater monitoring program will be sampled for the analytes listed in Table 9. In addition, any of the six wells that still do not have four complete baseline monitoring data sets (wells A7, GMA1-2, GMA1-4, GMA1-13, LS-29, and LS-MW-3R) after completion of the fall 2003 sampling event will be sampled for the analytical parameter lists that were previously approved for baseline monitoring. GE may also propose to include certain of those six wells in the annual interim sampling events, depending on the results of the remaining baseline analyses to be performed. Approximately one- to two months prior to that sampling event, GE will purge well ESA1S-33 with a bladder pump to ascertain whether the well can produce low turbidity samples.

Prior to performing the bladder pump assessment, GE and EPA will identify the location of a potential replacement well in the event that well ESA1S-33 is found to be unusable. If necessary, GE will install a new well at the agreed-upon location and sample it in place of well ESA1S-33 as part of the spring 2004 event.

Prior to performance of these activities, GE will provide EPA with 7 days advance notice to allow the assignment of field oversight personnel.

6.3 Reporting Schedule

GE will provide the results of ongoing water level measurements, and preliminary groundwater analytical data in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

GE will submit the data validation report for the spring 2003 groundwater analyses as an addendum to this baseline monitoring report within six weeks from the date of this report. That report will also contain any changes to the information presented in this report (due to the validation results) and any revisions to GE's interim groundwater monitoring proposal if the overall average concentrations of constituents are significantly altered (following replacement of the preliminary data with the validated results in the calculations of average concentrations).

GE will submit the fall 2003 Groundwater Quality Report for GMA 1 by January 31, 2004, in accordance with the reporting schedule previously utilized for its fall Baseline Monitoring Reports. That report will present the final, validated fall 2003 sampling results and will also contain GE's proposal concerning the need for continued baseline sampling at the six wells that currently do not have four complete baseline monitoring data sets and the 12 wells where additional mercury sampling will be conducted, or proposals to implement groundwater quality monitoring activities or eliminate sampling at those locations.

GE will submit the Spring 2004 Interim Groundwater Quality Report for GMA 1 by July 31, 2004, keeping with the reporting schedule previously utilized for its spring Baseline Monitoring Reports. That report will present the final, validated spring 2004 interim sampling results and other items described in Section 5.2.3.

Subsequent annual interim Groundwater Quality Reports for GMA 1 will be submitted by July 31 of each year.

Tables

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TABLE 1
MONITORING PROGRAM SUMMARY

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Well Utilized in Spring 2003	Comments
RAA 1 - 40s COMPLEX			
RF-04	GW-3 Perimeter (Upgradient)	Y	
RAA 2 - 30s COMPLEX			
ES2-19	GW-2 Sentinel	Y	
GMA1-2	GW-2 Sentinel	Y	
GMA1-3	GW-2 Sentinel	Y	
GMA1-12	GW-2 Sentinel/GW-3 General/Source Area Sentinel	Y	
RF-02	GW-3 Perimeter (Downgradient)	Y	
RF-03	GW-2 Sentinel /GW-3 Perimeter (Downgradient)	Y	
RF-03D	GW-3 General/Source Area Sentinel	Y	
RF-16	GW-3 Perimeter (Downgradient)	Y	
RAA 3 - 20s COMPLEX			
95-23	GW-3 General/Source Area Sentinel	Y	
RAA 4 - EAST STREET AREA 2-SOUTH			
3-6C-EB-14	GW-3 Perimeter (Downgradient)	Y	
3-6C-EB-29	GW-3 Perimeter (Downgradient)	Y	
95-25	GW-2 Sentinel	Y	
E2SC-23	GW-3 Perimeter (Downgradient)	Y	
E2SC-24	GW-3 Perimeter (Downgradient)	Y	
ES2-02A	GW-3 Perimeter (Downgradient)	Y	
ES2-05	GW-3 General/ Source Area Sentinel	Y	
ES2-08	GW-3 Perimeter (Downgradient)	Y	
ESA2S-52	GW-3 General/Source Area Sentinel	Y	
ESA2S-64	GW-3 Perimeter (Downgradient)	Y	
GMA1-13	GW-3 General/Source Area Sentinel	Y	Installed as replacement for well 95-9 & sampled in June 2003
HR-G1-MW-3	GW-3 Perimeter (Downgradient)	Y	
HR-G3-MW-1	GW-3 Perimeter (Downgradient)	Y	

TABLE 1
MONITORING PROGRAM SUMMARY

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Well Utilized in Spring 2003	Comments
RAA 5 - EAST STREET AREA 2-NORTH			
17A	GW-2 Sentinel	Y	
95-20	GW-2 Sentinel	Y	
A7	GW-2 Sentinel	Y	
ES1-05	GW-3 Perimeter (Downgradient)	Y	
ES1-10	GW-2 Sentinel	Y	
ES1-18	GW-2 Sentinel	Y	
ES1-20	GW-3 Perimeter (Upgradient)	Y	
ES1-27R	GW-3 General/ Source Area Sentinel	Y	
F-1	GW-2 Sentinel	Y	
GMA1-4	GW-2 Sentinel	Y	
GMA1-11	GW-3 General/ Source Area Sentinel	Y	
RAA 6 - EAST STREET AREA 1-NORTH			
ES1-14	GW-2 Sentinel/GW-3 General/Source Area Sentinel	Y	
ESA1N-52	GW-2 Sentinel/GW-3 General/Source Area Sentinel	Y	
RAA 12 - LYMAN STREET AREA			
B-2	GW-3 Perimeter (Downgradient)	Y	
E-4	GW-3 Perimeter (Downgradient)	Y	
E-7	GW-3 Perimeter (Upgradient)	Y	
GMA1-5	GW-3 Perimeter (Downgradient)	Y	
LS-28	GW-3 Perimeter (Upgradient)	Y	
LS-29	GW-3 General/ Source Area Sentinel	Y	
LSSC-08I	GW-3 Supplemental Sampling Location	Y	Well contains DNAPL
LSSC-08S	GW-3 Perimeter (Downgradient)	Y	
LSSC-16S	GW-2 Sentinel	Y	
LSSC-18	GW-3 Perimeter (Downgradient)	Y	
MW-3R	GW-2 Sentinel	Y	
MW-4	GW-3 Perimeter (Downgradient)	Y	
MW-6R	GW-3 Perimeter (Upgradient)	Y	

TABLE 1
MONITORING PROGRAM SUMMARY

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Well Utilized in Spring 2003	Comments
RAA 13 - NEWELL STREET AREA II			
GMA1-8	GW-3 Perimeter (Downgradient)	Y	
GMA1-9	GW-3 Perimeter (Downgradient)	Y	
N2SC-07S	GW-3 Perimeter (Downgradient)	Y	
NS-09	GW-3 Perimeter (Downgradient)	Y	
NS-17	GW-3 Perimeter (Downgradient)	Y	
NS-20	GW-3 Perimeter (Upgradient)	Y	
NS-37	GW-3 Perimeter (Downgradient)	Y	
RAA 14 - NEWELL STREET AREA I			
FW-16R	GW-3 Perimeter (Downgradient)	Y	
IA-9R	GW-3 Perimeter (Downgradient)	Y	
MM-1	GW-2 Sentinel	Y	
SZ-1	GW-2 Sentinel/GW-3 Perimeter (Upgradient)	Y	
RAA 18 - EAST STREET AREA 1 SOUTH			
139	GW-2 Sentinel/GW-3 Perimeter (Downgradient)	Y	
37R	GW-2 Sentinel	Y	
ESA1S-33	GW-2 Sentinel/GW-3 General/Source Area Sentinel	Y	Sampled as replacement for well ES1-8, which contains NAPL
ES1-23R	GW-2 Sentinel/GW-3 Perimeter (Downgradient)	Y	Installed as replacement for well ES1-23 & sampled in June 2003
GMA1-6	GW-2 Sentinel/GW-3 General/Source Area Sentinel	Y	
GMA1-7	GW-2 Sentinel/GW-3 Perimeter (Downgradient)	Y	

TABLE 2
MONITORING WELL CONSTRUCTION

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Survey Coordinates		Well Diameter (inches)	Ground Surface Elevation (feet AMSL)	Measuring Point Elevation (feet AMSL)	Depth to Top of Screen (feet BGS)	Screen Length (feet)	Top of Screen Elevation (feet AMSL)	Base of Screen Elevation (feet AMSL)
	Northing	Easting							
RAA 1 - 40s Complex									
RF-04	534715.0	130997.7	4	1,012.2	1,011.99	10.0	15.0	1,002.2	987.2
RAA 2 - 30s Complex									
ES2-19	534344.3	131781.8	1	1,007.6	1,007.22	11.5	8.0	996.1	988.1
GMA1-3	533679.9	131685.4	2	991.3	990.78	5.7	10.0	985.6	975.6
GMA1-12	534218.0	131263.1	2	989.3	992.26	9.4	10.0	979.9	969.9
RF-02	533507.3	131111.2	4	983.4	982.43	3.0	15.0	980.4	965.4
RF-03	533872.3	131153.9	4	985.6	985.40	3.0	15.0	982.6	967.6
RF-03D	533879.3	131154.6	2	985.5	985.31	30.6	5.0	954.9	949.9
RF-16	534255.3	130931.5	4	988.2	987.91	7.0	15.0	981.2	966.2
RAA 3 - 20s Complex									
95-23	533824.0	132085.7	0.75	999.4	1,002.33	10.0	10.0	989.4	979.4
RAA 4 - East Street Area 2-South									
3-6C-EB-14	532899.3	132125.0	2	984.7	984.20	12.0	9.5	972.7	963.2
3-6C-EB-29	532890.5	131786.2	2	982.9	986.13	4.8	14.5	978.1	963.6
95-25	533093.5	131384.4	0.75	985.1	988.20	8.0	10.0	977.1	967.1
E2SC-23	533344.4	133132.7	2	990.1	992.07	9.0	10.0	981.1	971.1
E2SC-24	533535.5	133544.4	2	986.0	987.90	9.0	10.0	977.0	967.0
ES2-02A	533023.6	132497.9	2	980.2	979.63	3.0	15.0	977.2	962.2
ES2-05	533324.2	132017.2	4	990.8	990.65	9.0	15.0	981.8	966.8
ES2-08	533337.8	132969.7	2	995.3	994.87	10.0	15.0	985.3	970.3
ESA2S-52	533231.0	132441.0	2	985.5	985.18	4.2	20.0	981.3	961.3
ESA2S-64	533152.1	132820.0	2	985.1	984.98	7.0	15.0	978.1	963.1
GMA1-13	533785.7	133705.2	2	989.5	991.41	15.0	10.0	974.5	964.5
HR-G1-MW-3	533046.0	132710.1	2	978.3	980.21	7.0	10.0	971.3	961.3
HR-G3-MW-1	532900.3	132455.1	2	980.3	982.45	4.1	10.0	976.2	966.2

TABLE 2
MONITORING WELL CONSTRUCTION

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Survey Coordinates		Well Diameter (inches)	Ground Surface Elevation (feet AMSL)	Measuring Point Elevation (feet AMSL)	Depth to Top of Screen (feet BGS)	Screen Length (feet)	Top of Screen Elevation (feet AMSL)	Base of Screen Elevation (feet AMSL)
	Northing	Easting							
RAA 5 - East Street Area 2-North									
17A	535187.5	132107.1	2	1,024.2	1,023.86	5.0	15.0	1,019.2	1,004.2
95-20	534445.2	133287.0	2	1,010.8	1,010.67	10.0	10.0	1,000.8	990.8
A7	535015.7	132828.5	2	1,024.1	1,024.07	4.0	10.0	1,020.1	1,010.1
ES1-05	534740.6	135064.1	2	1,023.4	1,023.33	35.0	10.0	988.4	978.4
ES1-10	534813.9	134583.8	0.75	1,024.0	1,023.99	7.0	10.5	1,017.0	1,006.5
ES1-18	535027.2	133725.0	0.75	1,049.8	1,049.71	4.0	10.0	1,045.8	1,035.8
ES1-20	535315.6	134927.1	0.75	997.8	1,001.56	6.0	10.0	991.8	981.8
ES1-27R	534603.1	134604.2	2	1,023.4	1,023.19	9.3	10.0	1,014.1	1,004.1
F-1	534711.0	134287.3	2	1,024.0	1,023.84	4.0	15.0	1,020.0	1,005.0
GMA1-11	534532.6	134052.2	2	1,024.0	1,026.75	8.0	10.0	1,016.0	1,006.0
RAA 6 - East Street Area 1-North									
ES1-14	534305.6	134930.7	1	998.8	998.74	10.0	10.0	988.8	978.8
ESA1-52	534253.8	134565.9	2	999.7	999.26	2.0	20.0	997.7	977.7
RAA 12 - Lyman Street Area									
B-2	532267.2	130211.3	4	978.5	978.06	3.0	15.0	975.5	960.5
E-4	532781.9	131381.9	2	986.0	987.98	11.6	10.0	974.4	964.4
E-7	533185.2	131010.8	2	983.3	982.87	4.6	15.0	978.7	963.7
GMA1-5	532063.9	129887.5	2	979.6	979.50	3.5	10.0	976.1	966.1
LS-28	532643.8	130705.5	2	983.6	986.06	8.6	15.0	975.0	960.0
LS-29	532807.6	131047.4	2	988.4	988.25	24.6	10.0	963.8	953.8
LSSC-08I	532406.3	130816.3	2	983.6	983.13	13.0	10.0	970.6	960.6
LSSC-08S	532408.9	130817.2	2	983.6	983.11	5.0	10.0	978.6	968.6
LSSC-16S	532500.5	130690.3	2	981.5	981.37	5.0	10.0	976.5	966.5
LSSC-18	532664.7	131107.5	2	987.6	987.32	9.0	10.0	978.6	968.6
MW-3R	532589.5	130460.6	2	983.8	983.5	5.2	10.0	978.6	968.6
MW-4	532297.5	130347.0	2	983.7	983.66	9.0	5.0	974.7	969.7
MW-6R	532826.5	130329.5	2	985.5	985.14	4.0	10.0	981.5	971.5

TABLE 2
MONITORING WELL CONSTRUCTION

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Survey Coordinates		Well Diameter (inches)	Ground Surface Elevation (feet AMSL)	Measuring Point Elevation (feet AMSL)	Depth to Top of Screen (feet BGS)	Screen Length (feet)	Top of Screen Elevation (feet AMSL)	Base of Screen Elevation (feet AMSL)
	Northing	Easting							
RAA 13 - Newell Street Area II									
GMA1-8	532537.2	131175.6	2	981.9	981.66	5.7	10.0	976.2	966.2
GMA1-9	532597.6	131346.3	2	979.1	982.36	7.1	10.0	972.0	962.0
N2SC-07S	532707.0	131599.5	2	983.2	982.93	8.9	10.0	974.3	964.3
NS-09	532760.6	131761.7	4	983.2	982.51	5.0	15.0	978.2	963.2
NS-17	532656.2	131503.3	2	982.0	984.64	6.0	10.0	976.0	966.0
NS-20	532361.6	131815.2	2	985.6	985.29	6.0	10.0	979.6	969.6
NS-37	532786.2	132142.4	2	983.6	986.20	11.1	9.5	972.6	963.1
RAA 14 - Newell Street Area I									
FW-16R	532912.8	132761.9	2	984.1	986.51	8.0	9.5	976.1	966.6
IA-9R	532749.3	132436.5	2	984.7	984.14	7.4	9.5	977.3	967.8
MM-1	532538.5	132098.0	2	988.3	988.04	5.0	10.0	983.3	973.3
SZ-1	532497.7	132750.8	2	985.3	984.98	6.0	10.0	979.3	969.3
RAA 18 - East Street Area 1-South									
37R	533949.6	133932.6	2	989.0	988.79	7.8	10.0	981.3	971.3
139	533863.2	134993.8	1.5	987.1	987.13	5.0	10.0	982.1	972.1
ESA1S-33	534197.3	134185.0	2	999.5	999.50	3.0	20.0	996.5	976.5
ES1-23R	533883.2	134539.9	2	987.9	989.94	4.0	10.0	983.9	973.9
GMA1-6	534084.3	134455.5	2	1,000.7	1,000.44	5.0	10.0	995.7	985.7
GMA1-7	533766.8	134345.0	2	986.1	985.81	5.4	10.0	980.7	970.7

NOTES:

1. The listed wells were utilized during spring 2003 for baseline groundwater quality sampling.
2. feet AMSL: Feet above mean sea level
3. feet BGS: Feet below ground surface

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
95-23*	20s Complex	988.52	988.85
CC	20s Complex	NM	979.99
EE	20s Complex	NM	980.04
FF	20s Complex	NM	981.13
GG	20s Complex	NM	982.70
II	20s Complex	NM	981.72
JJ	20s Complex	NM	981.25
KK	20s Complex	NM	979.31
LL-R	20s Complex	981.62	982.18
N-R	20s Complex	NM	981.03
O-R	20s Complex	NM	985.58
P-R	20s Complex	NM	979.90
QQ-R	20s Complex	NM	980.20
U	20s Complex	NM	980.11
UU-R	20s Complex	NM	979.80
Y	20s Complex	NM	980.45
95-15	30s Complex	NM	978.82
95-16	30s Complex	NM	992.35
ES2-19*	30s Complex	992.96	993.89
GMA1-1	30s Complex	979.14	979.98
GMA1-2	30s Complex	DRY (<990.6)	990.93
GMA1-3*	30s Complex	983.66	983.80
GMA1-10	30s Complex	976.84	978.28
GMA1-12*	30s Complex	976.34	976.78
RF-02*	30s Complex	976.36	977.88
RF-03*	30s Complex	976.17	976.54
RF-03D*	30s Complex	977.32	978.59
RF-16*	30s Complex	NM	979.22
95-17	40s Complex	NM	983.67
RF-04*	40s Complex	997.87	998.23
25	East Street Area 1-North	NM	995.41
49	East Street Area 1-North	NM	994.57
60R	East Street Area 1-North	NM	993.49
105	East Street Area 1-North	NM	996.94
106	East Street Area 1-North	NM	997.67
107	East Street Area 1-North	NM	999.10
108A	East Street Area 1-North	NM	997.94
109A	East Street Area 1-North	NM	997.95
118	East Street Area 1-North	NM	997.74
120	East Street Area 1-North	NM	995.81
127	East Street Area 1-North	NM	995.23
128	East Street Area 1-North	NM	995.23
131	East Street Area 1-North	996.36	997.39
140	East Street Area 1-North	NM	993.62

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
ES1-8	East Street Area 1-North	994.86	996.71
ES1-14*	East Street Area 1-North	989.57	993.03
ESA1N-52*	East Street Area 1-North	993.95	994.55
North Caisson	East Street Area 1-North	980.30	979.64
ESA1S-33*	East Street Area 1-South	994.29	995.56
31R	East Street Area 1-South	990.83	991.93
34	East Street Area 1-South	993.61	994.91
35	East Street Area 1-South	NM	995.02
37R*	East Street Area 1-South	978.87	979.78
45	East Street Area 1-South	NM	995.07
46	East Street Area 1-South	NM	994.58
47	East Street Area 1-South	NM	994.68
72	East Street Area 1-South	993.50	994.84
76	East Street Area 1-South	NM	994.68
78	East Street Area 1-South	NM	995.47
89	East Street Area 1-South	NM	992.95
97	East Street Area 1-South	NM	995.94
139*	East Street Area 1-South	975.11	979.89
ES1-13	East Street Area 1-South	NM	994.94
ES1-23*	East Street Area 1-South	986.13	NM
GMA1-6*	East Street Area 1-South	992.10	993.08
GMA1-7*	East Street Area 1-South	973.54	975.71
South Caisson	East Street Area 1-South	986.62	993.06
05-N	East Street Area 2-North	984.93	984.94
06-N	East Street Area 2-North	NM	980.02
09-N	East Street Area 2-North	NM	983.71
11-N	East Street Area 2-North	NM	980.50
14-N	East Street Area 2-North	NM	986.94
16-N	East Street Area 2-North	NM	980.28
17A*	East Street Area 2-North	1,015.97	1017.71
17-N	East Street Area 2-North	NM	980.41
19-N	East Street Area 2-North	NM	980.68
20-N	East Street Area 2-North	NM	981.56
21-N	East Street Area 2-North	NM	980.24
22-N	East Street Area 2-North	NM	979.97
23-N	East Street Area 2-North	NM	980.48
24-N	East Street Area 2-North	NM	980.52
27-N	East Street Area 2-North	NM	985.35
95-12	East Street Area 2-North	NM	980.72
95-20*	East Street Area 2-North	996.81	996.89
A7*	East Street Area 2-North	1,015.72	1016.47
ES1-5*	East Street Area 2-North	983.09	983.58
ES1-10*	East Street Area 2-North	1,017.49	1018.82
ES1-11	East Street Area 2-North	1,019.94	1022.12

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
ES1-18*	East Street Area 2-North	1,041.46	1044.54
ES1-20*	East Street Area 2-North	987.44	990.05
ES1-27R*	East Street Area 2-North	1,014.45	1016.79
F-1*	East Street Area 2-North	1,020.59	1021.39
GMA1-4*	East Street Area 2-North	996.02	996.45
GMA1-11*	East Street Area 2-North	1,012.09	1012.65
01R	East Street Area 2-South	NM	981.34
2	East Street Area 2-South	NM	979.11
5	East Street Area 2-South	NM	982.71
6	East Street Area 2-South	NM	979.03
8	East Street Area 2-South	NM	977.43
09R	East Street Area 2-South	NM	975.41
10	East Street Area 2-South	NM	974.03
11R	East Street Area 2-South	NM	975.29
13	East Street Area 2-South	973.08	975.43
14	East Street Area 2-South	973.76	975.95
15R	East Street Area 2-South	973.52	975.71
16R	East Street Area 2-South	NM	977.57
17R	East Street Area 2-South	NM	980.03
19	East Street Area 2-South	NM	975.31
25R	East Street Area 2-South	NM	978.54
26R	East Street Area 2-South	NM	976.00
28	East Street Area 2-South	NM	981.43
29	East Street Area 2-South	NM	975.16
30	East Street Area 2-South	NM	977.72
31	East Street Area 2-South	NM	977.75
32	East Street Area 2-South	977.93	978.93
34	East Street Area 2-South	NM	977.50
35	East Street Area 2-South	974.64	977.24
36	East Street Area 2-South	974.33	976.90
37	East Street Area 2-South	974.46	976.47
38	East Street Area 2-South	975.91	977.77
40R	East Street Area 2-South	975.65	976.56
42	East Street Area 2-South	975.41	977.80
43	East Street Area 2-South	NM	976.11
44	East Street Area 2-South	NM	977.44
47	East Street Area 2-South	NM	975.09
48	East Street Area 2-South	NM	974.87
49R	East Street Area 2-South	970.62	975.55
49RR	East Street Area 2-South	973.24	975.12
50	East Street Area 2-South	975.48	977.34
51	East Street Area 2-South	973.51	975.87
53	East Street Area 2-South	972.80	975.81
54	East Street Area 2-South	972.45	975.29

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
55	East Street Area 2-South	972.91	975.36
56	East Street Area 2-South	NM	975.13
57	East Street Area 2-South	NM	978.59
58	East Street Area 2-South	NM	975.42
59	East Street Area 2-South	NM	973.28
62	East Street Area 2-South	972.70	975.58
63	East Street Area 2-South	NM	975.78
64R	East Street Area 2-South	976.16	975.90
64S	East Street Area 2-South	963.82	966.37
64V	East Street Area 2-South	965.52	965.83
64X(N)	East Street Area 2-South	972.72	975.73
64X(S)	East Street Area 2-South	972.33	975.54
64X(W)	East Street Area 2-South	972.27	975.47
66	East Street Area 2-South	973.55	975.60
95-01	East Street Area 2-South	NM	974.72
95-02	East Street Area 2-South	NM	975.81
95-04	East Street Area 2-South	NM	976.21
95-05	East Street Area 2-South	NM	975.75
95-07	East Street Area 2-South	NM	977.32
95-09	East Street Area 2-South	977.09	977.52
95-19	East Street Area 2-South	NM	975.79
95-25*	East Street Area 2-South	974.08	976.04
3-6C-EB-14*	East Street Area 2-South	972.93	975.57
3-6C-EB-25	East Street Area 2-South	NM	975.67
3-6C-EB-26	East Street Area 2-South	NM	975.60
3-6C-EB-28	East Street Area 2-South	NM	975.54
3-6C-EB-29*	East Street Area 2-South	972.97	975.49
C60	East Street Area 2-South	NM	977.42
E2SC-03I	East Street Area 2-South	972.37	975.83
E2SC-17	East Street Area 2-South	972.96	976.19
E2SC-21	East Street Area 2-South	NM	975.85
E2SC-22	East Street Area 2-South	973.03	976.26
E2SC-23*	East Street Area 2-South	975.23	976.77
E2SC-24*	East Street Area 2-South	972.45	975.81
E2SC-25	East Street Area 2-South	NM	979.17
ES2-01	East Street Area 2-South	973.07	976.19
ES2-04	East Street Area 2-South	973.40	976.00
ES2-05*	East Street Area 2-South	NM	975.99
ES2-06	East Street Area 2-South	972.97	976.05
ES2-07	East Street Area 2-South	973.18	974.07
ES2-08*	East Street Area 2-South	973.69	976.18
ES2-09	East Street Area 2-South	NM	978.85
ES2-10	East Street Area 2-South	NM	977.52
ES2-11	East Street Area 2-South	NM	975.70

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
ES2-12	East Street Area 2-South	NM	975.68
ES2-14	East Street Area 2-South	NM	975.40
ES2-15	East Street Area 2-South	NM	975.60
ES2-16	East Street Area 2-South	NM	976.13
ES2-17	East Street Area 2-South	973.45	975.58
ES2-18	East Street Area 2-South	NM	975.32
ESA2S-52*	East Street Area 2-South	973.19	975.42
ESA2S-64*	East Street Area 2-South	NM	975.68
HR-G1-MW-1	East Street Area 2-South	972.29	975.60
HR-G1-MW-2	East Street Area 2-South	972.47	975.64
HR-G1-MW-3*	East Street Area 2-South	972.09	975.48
HR-G2-MW-1	East Street Area 2-South	NM	972.28
HR-G2-MW-2	East Street Area 2-South	NM	974.43
HR-G2-MW-3	East Street Area 2-South	NM	972.71
HR-G2-RW-1	East Street Area 2-South	972.26	975.13
HR-G3-MW-1*	East Street Area 2-South	967.69	971.03
HR-G3-MW-2	East Street Area 2-South	972.50	968.94
HR-G3-RW-1	East Street Area 2-South	971.25	974.33
HR-J1-MW-1	East Street Area 2-South	972.23	972.08
HR-J1-MW-2	East Street Area 2-South	972.49	973.38
HR-J1-MW-3	East Street Area 2-South	972.28	974.92
HR-J1-RW-1	East Street Area 2-South	971.74	972.07
M-R	East Street Area 2-South	NM	979.15
P2	East Street Area 2-South	NM	978.58
P3	East Street Area 2-South	NM	984.68
P3D	East Street Area 2-South	NM	979.94
P6	East Street Area 2-South	NM	977.04
P7	East Street Area 2-South	NM	977.60
PZ-1S	East Street Area 2-South	NM	975.78
PZ-6S	East Street Area 2-South	NM	975.52
RB-1	East Street Area 2-South	NM	975.35
RF-01	East Street Area 2-South	NM	975.69
RW-1(S)	East Street Area 2-South	969.35	969.26
RW-1(X)	East Street Area 2-South	966.97	967.64
RW-2(X)	East Street Area 2-South	966.76	975.28
RW-3(X)	East Street Area 2-South	971.68	974.60
TMP-1	East Street Area 2-South	973.22	975.27
B-2*	Lyman Street Area	970.88	974.50
E-4*	Lyman Street Area	972.33	975.49
E-7*	Lyman Street Area	975.36	977.73
GMA1-5*	Lyman Street Area	971.52	974.36
LS-2	Lyman Street Area	NM	972.46
LS-4	Lyman Street Area	NM	974.42
LS-12	Lyman Street Area	972.55	975.56

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
LS-13	Lyman Street Area	NM	975.30
LS-20	Lyman Street Area	NM	974.71
LS-21	Lyman Street Area	NM	974.85
LS-23	Lyman Street Area	NM	974.40
LS-24	Lyman Street Area	972.38	975.02
LS-25	Lyman Street Area	975.61	977.72
LS-28*	Lyman Street Area	973.93	975.67
LS-30	Lyman Street Area	972.37	973.64
LS-31	Lyman Street Area	973.20	974.49
LS-32	Lyman Street Area	NM	973.24
LS-33	Lyman Street Area	NM	974.04
LS-34	Lyman Street Area	NM	975.06
LS-35	Lyman Street Area	NM	974.21
LS-37	Lyman Street Area	NM	977.98
LS-38	Lyman Street Area	971.77	974.50
LS-41	Lyman Street Area	NM	972.04
LSSC-06	Lyman Street Area	NM	976.35
LSSC-08S*	Lyman Street Area	NM	974.42
LSSC-09	Lyman Street Area	NM	973.54
LSSC-16S*	Lyman Street Area	972.23	975.08
LSSC-18*	Lyman Street Area	NM	975.36
LSSC-34S	Lyman Street Area	971.88	975.01
MW-3R*	Lyman Street Area	971.30	975.28
MW-6R*	Lyman Street Area	973.98	975.48
RW-1	Lyman Street Area	972.30	974.20
RW-1(R)	Lyman Street Area	968.81	968.56
RW-2	Lyman Street Area	969.42	974.57
RW-3	Lyman Street Area	967.74	967.71
FW-16R*	Newell Street Area I	972.68	975.44
IA-9R*	Newell Street Area I	972.94	976.13
MM-1*	Newell Street Area I	976.06	977.66
SZ-1*	Newell Street Area I	NM	977.95
GMA1-8*	Newell Street Area II	971.78	975.07
GMA1-9*	Newell Street Area II	972.47	975.41
MW-1S	Newell Street Area II	972.53	975.62
N2SC-03S	Newell Street Area II	NM	977.88
N2SC-07S*	Newell Street Area II	972.03	975.38
N2SC-09S	Newell Street Area II	975.79	979.21
N2SC-13S	Newell Street Area II	975.38	978.05
NS-01	Newell Street Area II	972.09	975.44
NS-09*	Newell Street Area II	971.98	975.44
NS-10	Newell Street Area II	974.08	977.55
NS-11	Newell Street Area II	974.94	976.69
NS-16	Newell Street Area II	973.96	977.15

TABLE 3
GROUNDWATER ELEVATION DATA - WINTER 2002 AND SPRING 2003

BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Remedial Action Area	Winter 2002 Corrected Groundwater Elevation	Spring 2003 Corrected Groundwater Elevation
NS-17*	Newell Street Area II	972.25	975.38
NS-20*	Newell Street Area II	977.87	979.95
NS-21	Newell Street Area II	972.06	975.51
NS-24	Newell Street Area II	972.55	975.97
NS-36	Newell Street Area II	972.32	975.67
NS-37*	Newell Street Area II	972.09	975.25

NOTES:

1. NM = Not Measured (not included in quarterly monitoring program or well could not be accessed).
2. * = Baseline groundwater quality monitoring location.
3. The spring quarterly event incorporates data from several monitoring wells that are measured on a semi-annual basis as part of GE's NAPL monitoring program. As such, several wells listed above were not measured during the winter quarterly monitoring event.

TABLE 4
FIELD PARAMETER MEASUREMENTS - SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (DEGREES CELSIUS)	pH (STANDARD UNITS)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION-REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
RAA 1 - 40s COMPLEX						
RF-04	2.0	4.98	6.99	2.147	242.5	7.75
RAA 2 - 30s COMPLEX						
ES2-19	1.0	8.76	7.96	0.821	99.4	9.52
GMA1-2	27.0	NM	NM	NM	NM	NM
GMA1-3	2.0	8.42	6.77	3.030	261.1	2.22
GMA1-12	7.0	7.82	7.43	2.209	-137.6	0.30
RF-02	13.0	7.58	6.91	1.697	238.5	2.74
RF-03	14.0	8.27	7.00	1.473	-108.5	0.31
RF-03D	4.0	8.72	7.19	2.087	148.5	3.38
RF-16	3.0	7.40	7.10	1.081	159.8	9.53
RAA 3 - 20s COMPLEX						
95-23	3.0	4.87	7.04	3.917	258.0	7.75
RAA 4 - EAST STREET AREA 2-SOUTH						
3-6C-EB-14	6.0	10.66	6.70	2.399	27.0	0.17
3-6C-EB-29	2.0	8.51	6.81	0.776	53.6	0.22
95-25	12.0	6.60	6.46	0.479	158.0	6.90
E2SC-23	1.0	6.18	7.43	0.641	155.1	8.82
E2SC-24	5.0	7.10	6.84	1.728	-37.2	0.32
ES2-02A	3.0	10.17	6.48	0.352	54.8	0.19
ES2-05	7.0	9.08	6.77	0.814	175.0	4.40
ES2-08	8.0	9.92	6.83	0.615	275.1	8.77
ESA2S-52	3.0	8.34	6.94	3.300	-114.1	0.35
ESA2S-64	2	10.72	6.83	0.859	-94.3	0.17

TABLE 4
FIELD PARAMETER MEASUREMENTS - SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (DEGREES CELSIUS)	pH (STANDARD UNITS)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION-REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
GMA1-13	31.2	13.20	7.27	0.658	132.0	3.56
HR-G1-MW-3	2.0	12.55	7.02	1.930	-108.4	0.26
HR-G3-MW-1	3.0	8.15	6.78	1.287	-83.9	0.32
RAA 5 - EAST STREET AREA 2-NORTH						
A7	4.0	10.22	7.78	2.646	117.1	2.59
17A	19.0	8.34	7.41	5.367	232.3	8.43
95-20	1.0	12.82	7.49	0.354	226.3	9.78
ES1-05	6.0	11.87	6.74	1.947	123.2	0.88
ES1-10	2.0	10.53	6.82	3.216	-59.6	0.27
ES1-18	23	6.00	7.43	3.550	140.0	7.65
ES1-20	0.0	5.58	6.65	2.055	230.0	3.58
ES1-27R	12.0	6.51	7.59	0.366	261.6	6.76
F-1	13.0	8.97	7.64	1.382	198.0	3.72
GMA1-4	6.0	10.30	7.52	2.903	235.7	8.02
GMA1-11	5.0	10.34	6.89	5.767	148.9	1.98
RAA 6 - EAST STREET AREA 1-NORTH						
ES1-14	9.0	7.30	7.48	1.195	231.3	2.46
ESA1-52	12.0	6.90	7.26	1.256	-14.5	0.36
RAA 12 - LYMAN STREET AREA						
B-2	29.0	11.23	6.28	1.723	4.3	0.54
E-4	9.0	7.87	6.30	1.505	124.2	1.64
E-7	3.0	4.79	7.02	0.820	227.6	9.11
GMA1-5	13.0	8.94	6.79	1.015	101.1	0.96

TABLE 4
FIELD PARAMETER MEASUREMENTS - SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (DEGREES CELSIUS)	pH (STANDARD UNITS)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION-REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
LS-28	2.0	8.50	7.32	0.560	194.2	4.32
LS-29	3.0	9.62	7.38	1.164	107.4	3.98
LSSC-08I	2.0	11.98	7.20	0.470	55.3	0.49
LSSC-08S	2.0	10.40	6.48	1.853	21.2	1.35
LSSC-16S	40.0	12.73	6.46	3.481	81.7	1.29
LSSC-18	1.0	8.97	7.37	1.672	202.4	5.62
MW-3R	3.0	12.15	6.31	1.165	-77.2	0.18
MW-4	30.0	8.51	6.77	0.898	-94.7	0.30
MW-6R	2.0	8.48	6.66	2.118	0.1	0.32
RAA 13 - NEWELL STREET AREA II						
GMA1-8	12.0	6.68	6.99	2.179	225.1	2.28
GMA1-9	15.0	7.85	6.95	1.174	-59.1	0.53
N2SC-07S	4.0	10.40	6.74	0.816	-84.1	0.21
NS-09	1.0	10.80	6.53	1.777	170.6	3.21
NS-17	7.0	11.79	6.74	1.537	-36.6	0.51
NS-20	8.0	8.04	6.25	1.114	184.2	0.98
NS-37	22.0	8.93	6.45	1.019	15.1	1.62
RAA 14 - NEWELL STREET AREA I						
FW-16R	10.0	8.83	7.09	0.621	-66.2	0.19
IA-9R	1.0	9.31	6.57	1.353	-77.3	0.32
MM-1	32.0	8.87	6.92	0.548	-21.4	0.33
SZ-1	4.0	5.87	6.39	0.851	191.7	7.00

TABLE 4
FIELD PARAMETER MEASUREMENTS - SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (DEGREES CELSIUS)	pH (STANDARD UNITS)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION-REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
RAA 18 - EAST STREET AREA 1-SOUTH						
139	40.0	6.30	7.32	0.620	140.0	8.26
37R	26.0	5.98	7.27	1.535	247.7	0.50
ES1-23R	4.0	15.51	7.25	0.883	-32.4	6.50
ESA1S-33	344.0	5.96	7.53	2.155	264.6	4.66
GMA1-6	9.0	9.60	6.79	2.948	-68.8	0.33
GMA1-7	5.0	5.95	7.38	1.292	75.2	5.43

Notes:

1. Measurements collected during spring 2003 groundwater sampling event performed between March 25 and April 18, 2003 (with the exception of replacement wells ES1-23R and GMA1-13, which were sampled on June 26-27, 2003).
2. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
3. NTU - Nephelometric Turbidity Units
4. mS/cm - Millisiemens per centimeter
5. mV - Millivolts
6. mg/L - Milligrams per liter (ppm)
7. NM = Parameter was not measured due to insufficient water available.

TABLE 5
MCP METHOD 1 GW-2 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		30s Complex					East St. Area 1 - North
Sample ID:	Method 1 GW-2	ES2-19	GMA1-2	GMA1-3	GMA1-12	RF-03	ES1-14
Parameter Date Collected:	Standards	04/02/03	04/04/03	04/04/03	04/07/03	04/03/03	04/02/03
Volatile Organics							
2-Butanone	50	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	2	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	1	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	0.020	ND(0.0050)	ND(0.0050)
Ethylbenzene	30	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	3	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	6	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	5	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)	0.020	ND(0.20)	ND(0.20)
Semivolatile Organics							
1,2,4-Trichlorobenzene	10	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	10	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	30	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE 5
MCP METHOD 1 GW-2 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - North	East St. Area 1 - South			
Sample ID:	Method 1 GW-2	ESA1N-52	37-R	ES1-23R	ESA1S-33	ESA1S-139
Parameter Date Collected:	Standards	04/03/03	04/03/03	06/27/03	04/01/03	04/01/03
Volatile Organics						
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	2	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	1	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	30	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	3	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	5	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Semivolatile Organics						
1,2,4-Trichlorobenzene	10	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	10	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	30	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE 5
MCP METHOD 1 GW-2 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-2 Standards	East St. Area 1 - South		East St. Area 2 - North		
		GMA1-6 04/02/03	GMA1-7 04/03/03	17A 03/27/03	95-20 03/25/03	A7 03/27/03
Volatile Organics						
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	2	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	1	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	30	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	3	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	5	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Semivolatile Organics						
1,2,4-Trichlorobenzene	10	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,3-Dichlorobenzene	10	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dichlorobenzene	30	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)

TABLE 5
MCP METHOD 1 GW-2 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North				East St. Area 2 - South
Sample ID:	Method 1 GW-2	ES1-10	ES1-18	F-1	GMA1-4	95-25
Parameter Date Collected:	Standards	03/27/03	04/01/03	03/27/03	03/28/03	04/08/03
Volatile Organics						
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	2	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	1	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	30	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	3	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	5	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Semivolatile Organics						
1,2,4-Trichlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,3-Dichlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dichlorobenzene	30	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Naphthalene	6	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)

TABLE 5
MCP METHOD 1 GW-2 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area		Newell St. Area I	
Sample ID:	Method 1 GW-2	LS-MW-3R	LSSC-16S	MM-1	SZ-1
Parameter Date Collected:	Standards	04/16/03	04/15/03	04/17/03	04/18/03
Volatile Organics					
2-Butanone	50	ND(0.010)	0.062	ND(0.010)	ND(0.010)
Acetone	50	0.16	0.030	0.0058 J	0.0065 J
Benzene	2	0.0088	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	1	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	30	0.0096	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	3	ND(0.0050)	0.0048	ND(0.0020)	ND(0.0020)
Xylenes (total)	6	0.035	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	5	0.21	0.097	0.0058 J	0.0065 J
Semivolatile Organics					
1,2,4-Trichlorobenzene	10	ND(0.0050)	0.0059	ND(0.0050)	ND(0.010)
1,3-Dichlorobenzene	10	ND(0.0050)	0.0079	ND(0.0050)	ND(0.010)
1,4-Dichlorobenzene	30	ND(0.0050)	0.0056	ND(0.0050)	ND(0.010)
Naphthalene	6	0.061	ND(0.0050)	ND(0.0050)	ND(0.010)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. and Columbia Analytical Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
2. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. Only volatile and semivolatile constituents detected in at least one sample are summarized.

Data Qualifiers:

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

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	20s Complex 95-23 04/04/03	30s Complex GMA1-12 04/07/03	30s Complex RF-2 04/02/03	30s Complex RF-03 04/03/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	0.020	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	0.0049 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	ND(0.000065)	0.00011	0.00041	0.000092
Aroclor-1260	Not Applicable	ND(0.000065)	0.00011	ND(0.000065)	ND(0.000065)
Total PCBs	Not Applicable	ND(0.000065)	0.00022	0.00041	0.000092
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065) {ND(0.000080)}	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000098 {ND(0.000080)}	0.000078	0.00030	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065) {ND(0.000080)}	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.000098 {ND(0.000080)}	0.000078	0.00030	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	–	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	–	NA	NA	NA	NA
Herbicides					
None Detected	–	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000055)	ND(0.0000000039)	ND(0.0000000021)	ND(0.0000000019)
TCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000039)	ND(0.0000000021)	ND(0.0000000019)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000023) X	ND(0.0000000019) X	0.0000000027 J	ND(0.0000000018) X
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025) X	ND(0.0000000025)	ND(0.0000000019) X	ND(0.0000000024)
PeCDFs (total)	Not Listed	ND(0.0000000026)	0.0000000015	0.0000000027	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000030)	ND(0.0000000019) X	0.0000000028 J	ND(0.0000000024)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000023) X	0.0000000023 J	ND(0.0000000024)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000034)	ND(0.0000000025)	0.0000000019 J	ND(0.0000000026)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000029)	ND(0.0000000025)	ND(0.0000000020) X	ND(0.0000000024)
HxCDFs (total)	Not Listed	ND(0.0000000030)	0.0000000012	0.0000000070	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000049) X	ND(0.0000000044) X	0.0000000026 J	ND(0.0000000023) X
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000033)	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000030)
HpCDFs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000025)	0.0000000048	ND(0.0000000027)
OCDF	Not Listed	ND(0.0000000080)	0.0000000073 J	ND(0.0000000067)	ND(0.0000000084)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	20s Complex 95-23 04/04/03	30s Complex GMA1-12 04/07/03	30s Complex RF-2 04/02/03	30s Complex RF-03 04/03/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000048)	ND(0.0000000033)	ND(0.0000000031)	ND(0.0000000025)
TCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000033)	ND(0.0000000031)	ND(0.0000000027)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000037)	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000015)
PeCDDs (total)	Not Listed	ND(0.0000000037)	ND(0.0000000025)	ND(0.0000000036)	ND(0.0000000040)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000043)	ND(0.0000000037)	ND(0.0000000041)	ND(0.0000000038)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000043)	ND(0.0000000037)	ND(0.0000000038)	ND(0.0000000035)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000044)	ND(0.0000000038)	ND(0.0000000040)	ND(0.0000000037)
HxCDDs (total)	Not Listed	ND(0.0000000043)	ND(0.0000000038)	ND(0.0000000040)	ND(0.0000000043)
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000059 J	0.0000000052 J	0.0000000041 J	ND(0.0000000047) X
HpCDDs (total)	Not Listed	0.0000000059	0.0000000052	0.0000000041	ND(0.0000000050)
OCDD	Not Listed	ND(0.000000012) X	ND(0.000000024) X	ND(0.000000014) X	0.000000016 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000066	0.0000000049	0.0000000054	0.0000000038
Inorganics-Unfiltered					
Antimony	Not Applicable	0.0130 B	0.00490 B	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	0.00280 B	ND(0.0100)	0.00460 B	0.00750 B
Barium	Not Applicable	0.0510 B	0.0870 B	0.0310 B	0.120 B
Beryllium	Not Applicable	ND(0.00100)	0.000400 B	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	0.000600 B	ND(0.00500)	ND(0.00500)	0.000800 B
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	0.0720	0.00510 B	ND(0.0250)	ND(0.0250)
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) **ND(0.0000200)**
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	0.00340 B	ND(0.00500)	0.00460 B	ND(0.00500)
Silver	Not Applicable	0.00280 B	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	0.00360 B	0.00120 B	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0370	0.0190 B	0.0660	0.0240
Inorganics-Filtered					
Antimony	0.3	0.0160 B	ND(0.0600)	0.00980 B	0.00850 B
Arsenic	0.4	0.00440 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0560 B	0.0890 B	0.0300 B	0.0860 B
Beryllium	0.05	0.000210 B	0.000710 B	ND(0.00100)	ND(0.00100)
Cadmium	0.01	0.000530 B	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.0800	0.00390 B	ND(0.0250)	ND(0.0250)
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) **ND(0.0000200)**
Nickel	0.08	0.00270 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	0.00300 B	0.00190 B	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.0390	0.00870 B	0.0120 B	0.00820 B

TABLE 6
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GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		30s Complex		40s Complex
Sample ID:	Method 1 GW-3	RF-03D	RF-16	RF-04
Parameter Date Collected:	Standards	04/07/03	04/08/03	04/04/03
Volatile Organics				
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform	10	ND(0.0050)	0.026	ND(0.0050) [ND(0.0050)]
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Tetrachloroethene	5	ND(0.0020)	0.0015 J	ND(0.0020) [ND(0.0020)]
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
PCBs-Unfiltered				
Aroclor-1242	Not Applicable	ND(0.0010)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1254	Not Applicable	0.0056	0.000097	ND(0.000065) [ND(0.000065)]
Aroclor-1260	Not Applicable	ND(0.0010)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	Not Applicable	0.0056	0.000097	ND(0.000065) [ND(0.000065)]
PCBs-Filtered				
Aroclor-1242	Not Listed	NA	ND(0.000065)	ND(0.000065) {ND(0.000080)} [ND(0.000065) {ND(0.000080)}]
Aroclor-1254	Not Listed	NA	ND(0.000065)	0.000074 {ND(0.000080)} [0.00020 {ND(0.000080)}]
Aroclor-1260	Not Listed	NA	ND(0.000065)	ND(0.000065) {ND(0.000080)} [ND(0.000065) {ND(0.000080)}]
Total PCBs	0.0003	NA	ND(0.000065)	0.000074 {ND(0.000080)} [0.00020 {ND(0.000080)}]
Semivolatile Organics				
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060) [ND(0.0060)]
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Organochlorine Pesticides				
None Detected	--	NA	NA	NA
Organophosphate Pesticides				
None Detected	--	NA	NA	NA
Herbicides				
None Detected	--	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000023)	ND(0.0000000026)	ND(0.0000000045) [ND(0.0000000058)]
TCDFs (total)	Not Listed	ND(0.0000000023)	ND(0.0000000026)	ND(0.0000000045) [ND(0.0000000058)]
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	0.0000000020 J	0.0000000036 J [ND(0.0000000034)]
2,3,4,7,8-PeCDF	Not Listed	0.0000000017 J	ND(0.0000000013) X	ND(0.0000000025) [ND(0.0000000033)]
PeCDFs (total)	Not Listed	0.0000000017	0.0000000020	0.0000000036 [ND(0.0000000034)]
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000021) X	ND(0.0000000025)	ND(0.0000000030) [ND(0.0000000031)]
1,2,3,6,7,8-HxCDF	Not Listed	0.0000000013 J	ND(0.0000000025)	0.0000000024 J [ND(0.0000000029)]
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000034) [ND(0.0000000036)]
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000017) X	ND(0.0000000014) X	ND(0.0000000029) [ND(0.0000000031)]
HxCDFs (total)	Not Listed	0.0000000013	ND(0.0000000025)	0.0000000024 [ND(0.0000000031)]
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000029 J	ND(0.0000000025)	ND(0.0000000027) X [ND(0.0000000032)]
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000037) [ND(0.0000000039)]
HpCDFs (total)	Not Listed	0.0000000029	ND(0.0000000023)	ND(0.0000000033) [ND(0.0000000035)]
OCDF	Not Listed	ND(0.0000000053) X	ND(0.0000000059)	ND(0.0000000065) X [ND(0.0000000099)]

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		30s Complex		40s Complex
Sample ID:	Method 1 GW-3	RF-03D	RF-16	RF-04
Parameter / Date Collected:	Standards	04/07/03	04/08/03	04/04/03
Dioxins				
2,3,7,8-TCDD	0.000000003	ND(0.0000000028)	ND(0.0000000027)	ND(0.0000000036) [ND(0.0000000045)]
TCDDs (total)	Not Listed	ND(0.0000000028)	ND(0.0000000027)	ND(0.0000000036) [ND(0.0000000045)]
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000030) [ND(0.0000000045)]
PeCDDs (total)	Not Listed	ND(0.0000000037)	ND(0.0000000027)	ND(0.0000000030) [ND(0.0000000045)]
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000028)	ND(0.0000000036)	ND(0.0000000044) [ND(0.0000000042)]
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000023) X	ND(0.0000000035)	ND(0.0000000043) [ND(0.0000000042)]
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000029)	ND(0.0000000036)	ND(0.0000000044) [ND(0.0000000043)]
HxCDDs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000036)	ND(0.0000000044) [ND(0.0000000048)]
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000044) X	ND(0.0000000043)	0.0000000065 J [ND(0.0000000066)]
HpCDDs (total)	Not Listed	ND(0.0000000034)	ND(0.0000000043)	0.0000000065 [ND(0.0000000066)]
OCDD	Not Listed	ND(0.000000015) X	ND(0.0000000099) X	0.000000020 J [ND(0.000000017) X]
Total TEQs (WHO TEFs)	0.0000001	0.0000000046	0.0000000042	0.0000000058 [0.0000000070]
Inorganics-Unfiltered				
Antimony	Not Applicable	ND(0.0600)	0.00430 B	0.0110 B [0.00920 B]
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100) [0.00490 B]
Barium	Not Applicable	0.00820 B	0.0120 B	0.0100 B [0.0100 B]
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100) [0.000200 B]
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	0.000790 B [0.000780 B]
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Copper	Not Applicable	0.00330 B	ND(0.0250)	ND(0.0250) [ND(0.0250)]
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300) [ND(0.00300)]
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	0.00290 B [ND(0.00500)]
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00) [8.00]
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Vanadium	Not Applicable	0.00180 B	0.00150 B	0.00400 B [0.00320 B]
Zinc	Not Applicable	0.0130 B	0.0180 B	0.0140 B [0.0170 B]
Inorganics-Filtered				
Antimony	0.3	NA	0.00390 B	0.00970 B [0.0110 B]
Arsenic	0.4	NA	ND(0.0100)	ND(0.0100) [0.00380 B]
Barium	30	NA	0.0130 B	0.0100 B [0.0100 B]
Beryllium	0.05	NA	ND(0.00100)	ND(0.00100) [ND(0.00100)]
Cadmium	0.01	NA	ND(0.00500)	0.000560 B [0.000720 B]
Chromium	2	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Cobalt	Not Listed	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Copper	Not Listed	NA	ND(0.0250)	ND(0.0250) [ND(0.0250)]
Cyanide	0.01	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	0.03	NA	ND(0.00300)	ND(0.00300) [ND(0.00300)]
Mercury	0.001	NA	0.0000400 B	ND(0.000200) [ND(0.000200)]
Nickel	0.08	NA	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Selenium	0.08	NA	0.00570	0.00310 B [0.00400 B]
Silver	0.007	NA	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Thallium	0.4	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Vanadium	2	NA	ND(0.0500)	0.00370 B [0.00330 B]
Zinc	0.9	NA	0.00690 B	ND(0.0200) [0.00220 B]

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - North		East St. Area 1 - South	
Sample ID:	Method 1 GW-3	ES1-14	ESA1N-52	ES1-23R	ESA1S-33
Parameter Date Collected:	Standards	04/02/03	04/03/03	06/27/03	04/01/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	0.00031	0.00040	ND(0.000065)	ND(0.000065)
Aroclor-1260	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	Not Applicable	0.00031	0.00040	ND(0.000065)	ND(0.000065)
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065) (ND(0.000080))
Aroclor-1254	Not Listed	0.00041	ND(0.000065)	ND(0.000065)	0.00039 (0.000080)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065) (ND(0.000080))
Total PCBs	0.0003	**0.00041**	ND(0.000065)	ND(0.000065)	**0.00039 (0.000080)**
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000015)	ND(0.0000000014)	ND(0.00000000071)	ND(0.0000000041) X
TCDFs (total)	Not Listed	ND(0.0000000015)	ND(0.0000000014)	ND(0.00000000071)	0.000000059
1,2,3,7,8-PeCDF	Not Listed	0.0000000024 J	ND(0.0000000014) X	ND(0.00000000055)	0.0000000035 J
2,3,4,7,8-PeCDF	Not Listed	0.0000000015 J	0.0000000016 J	ND(0.00000000058)	0.000000012 J
PeCDFs (total)	Not Listed	0.0000000039	0.0000000044	ND(0.00000000055)	0.00000019 IQ
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000013 J	0.0000000046 J	ND(0.00000000039)	0.000000015 J
1,2,3,6,7,8-HxCDF	Not Listed	0.0000000016 J	0.0000000026 J	ND(0.00000000039)	0.000000014 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000026)	ND(0.0000000029)	ND(0.00000000051)	ND(0.0000000045) X
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.00000000044)	0.000000030 J
HxCDFs (total)	Not Listed	0.0000000016	0.0000000072	ND(0.00000000039)	0.00000041
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000021) X	0.0000000045 J	ND(0.0000000036) X	0.00000013
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000036)	ND(0.0000000014) X	0.000000013 J
HpCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000045	ND(0.00000000036)	0.00000036
OCDF	Not Listed	ND(0.0000000067)	ND(0.0000000095)	0.000000020 B	0.00000038

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - North		East St. Area 1 - South	
Sample ID:	Method 1 GW-3	ES1-14	ESA1N-52	ES1-23R	ESA1S-33
Parameter / Date Collected:	Standards	04/02/03	04/03/03	06/27/03	04/01/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000018)	ND(0.0000000020)	ND(0.00000000058)	ND(0.0000000021) X
TCDDs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000024)	ND(0.00000000058)	ND(0.0000000024)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000034)	ND(0.00000000055)	ND(0.0000000063) X
PeCDDs (total)	Not Listed	ND(0.0000000037)	ND(0.0000000034)	ND(0.00000000055)	0.000000010
1,2,3,4,7,8-HxCDD	Not Listed	0.0000000022 J	ND(0.0000000065)	ND(0.00000000048)	0.000000011 J
1,2,3,6,7,8-HxCDD	Not Listed	0.0000000024 J	ND(0.0000000060)	ND(0.00000000044)	0.000000022 J
1,2,3,7,8,9-HxCDD	Not Listed	0.0000000020 J	ND(0.0000000064)	ND(0.00000000044)	0.000000022 J
HxCDDs (total)	Not Listed	0.0000000067	ND(0.0000000063)	ND(0.00000000044)	0.00000016
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000049 J	0.0000000034 J	ND(0.0000000013) X	0.00000037
HpCDDs (total)	Not Listed	0.0000000049	0.0000000034	ND(0.00000000058)	0.00000065
OCDD	Not Listed	0.000000012 J	ND(0.000000012) X	0.0000000096 B	0.0000021
Total TEQs (WHO TEFs)	0.0000001	0.0000000044	0.0000000056	0.00000000095	0.000000028
Inorganics-Unfiltered					
Antimony	Not Applicable	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	0.00460 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0240 B	0.0140 B	0.0520 B	0.160 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	0.00220 B	0.00920 B
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	0.00540 B
Copper	Not Applicable	ND(0.0250)	ND(0.0250)	0.00310 B	0.0130 B
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.0540
Lead	Not Applicable	ND(0.00300)	0.00320	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	0.00290 B	0.00990 B
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	0.00900	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	0.00420 B
Zinc	Not Applicable	0.0200	0.0150 B	0.0220	0.0470
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	0.0110 B	ND(0.0600)
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0270 B	0.0150 B	0.0480 B	0.140 B
Beryllium	0.05	0.000540 B	ND(0.00100)	0.000710 B	0.000730 B
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	0.00130 B	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	0.00690 B	0.00450 B
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.0500
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.08	ND(0.0400)	ND(0.0400)	0.00220 B	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	0.00100 B	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	0.00240 B	ND(0.0500)
Zinc	0.9	0.00790 B	ND(0.0200)	0.00300 B	0.0110 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - South			East St. Area 2 - North
Sample ID:	Method 1 GW-3	ESA1S-139	GMA1-6	GMA1-7	ES1-05
Parameter Date Collected:	Standards	04/01/03	04/02/03	04/03/03	04/02/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0043 J
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0056
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.038
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.033
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0045
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	ND(0.000065)	0.00012	ND(0.000065)	0.00077
Aroclor-1260	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	Not Applicable	ND(0.000065)	0.00012	ND(0.000065)	0.00077
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065) (ND(0.000080))	ND(0.000065)	ND(0.000065) (ND(0.00020))	ND(0.000065)
Aroclor-1254	Not Listed	0.00028 (0.000090)	0.000050 J	0.000083 (ND(0.00020))	0.00067
Aroclor-1260	Not Listed	ND(0.000065) (ND(0.000080))	ND(0.000065)	ND(0.000065) (ND(0.00020))	ND(0.000065)
Total PCBs	0.0003	0.00028 (0.000090)	0.000050 J	0.000083 (ND(0.00020))	**0.00067**
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	0.0057 J
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	0.0039 J	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	–	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	–	NA	NA	NA	NA
Herbicides					
None Detected	–	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000020)	ND(0.0000000015)	ND(0.0000000052)	0.0000000025 J
TCDFs (total)	Not Listed	ND(0.0000000020)	ND(0.0000000015)	ND(0.0000000052)	0.0000000025
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000012) X	0.0000000020 J	0.0000000025 J	0.0000000027 J
2,3,4,7,8-PeCDF	Not Listed	ND(0.00000000099) X	ND(0.0000000013) X	ND(0.0000000025)	0.0000000037 J
PeCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000020	0.0000000025	0.000000013
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000012 J	ND(0.0000000033)	0.0000000066 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000023 J	0.0000000037 J	0.0000000034 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000036)	ND(0.0000000038)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000031)	ND(0.0000000033)	ND(0.0000000035) X
HxCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000023	0.0000000037	0.000000027
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	0.0000000025 J	0.0000000043 J	0.000000013 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000030)	ND(0.0000000049)	0.0000000023 J
HpCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000025	0.0000000043	0.0000000017
OCDF	Not Listed	ND(0.0000000071)	ND(0.0000000083)	ND(0.0000000010)	ND(0.0000000015) X

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - South			East St. Area 2 - North
Sample ID:	Method 1 GW-3	ESA1S-139	GMA1-6	GMA1-7	ES1-05
Parameter Date Collected:	Standards	04/01/03	04/02/03	04/03/03	04/02/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000025)	ND(0.0000000018)	ND(0.0000000043)	ND(0.0000000030)
TCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000031)	ND(0.0000000043)	ND(0.0000000030)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000047)	ND(0.0000000017) X
PeCDDs (total)	Not Listed	ND(0.0000000038)	ND(0.0000000040)	ND(0.0000000047)	ND(0.0000000040)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000042)	ND(0.0000000038)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000040)	ND(0.0000000049)	ND(0.0000000041)	ND(0.0000000035)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000043)	ND(0.0000000052)	0.0000000033 J	ND(0.0000000037)
HxCDDs (total)	Not Listed	ND(0.0000000042)	ND(0.0000000052)	0.0000000033	ND(0.0000000042)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000030)	ND(0.0000000042) X	ND(0.0000000055)	0.0000000064 J
HpCDDs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000040)	ND(0.0000000055)	0.000000013
OCDD	Not Listed	0.0000000067 J	ND(0.000000015) X	0.000000017 J	0.000000026 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000041	0.0000000042	0.0000000072	0.0000000067
Inorganics-Unfiltered					
Antimony	Not Applicable	0.0100 B	0.00950 B	0.0110 B	0.0140 B
Arsenic	Not Applicable	ND(0.0100)	0.0130	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0140 B	0.0800 B	0.0270 B	0.0510 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	0.00120 B	0.000390 B	ND(0.00500)
Chromium	Not Applicable	0.00340 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	0.00480 B	0.00330 B	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	0.00470 B	ND(0.0250)	ND(0.0250)	0.00440 B
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	0.0100	ND(0.00300)	ND(0.00300)	0.00240 B
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) **ND(0.0000200)**
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	0.00530	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	8.00	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	0.00380 B	0.00370 B	ND(0.0500)
Zinc	Not Applicable	0.0210	0.0130 B	0.0170 B	0.130
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	0.00770 B	0.0110 B
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00840 B
Barium	30	0.0110 B	0.0580 B	0.0280 B	0.0470 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	0.000350 B	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	0.00290 B	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) **0.0000200 B**
Nickel	0.08	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	0.00190 B	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	0.00270 B	0.00430 B
Zinc	0.9	0.00600 B	ND(0.0200)	0.00130 B	0.0270

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	East St. Area 2 - North		
		ES1-20 03/31/03	ES1-27R 04/01/03	GMA1-11 03/27/03
Volatile Organics				
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	0.0040 J
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered				
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	ND(0.000065)	0.00041	0.000098
Aroclor-1260	Not Applicable	ND(0.000065)	0.00017	ND(0.000065)
Total PCBs	Not Applicable	ND(0.000065)	0.00058	0.000098
PCBs-Filtered				
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065) {ND(0.000080)}	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	0.00091 {0.00041}	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065) {0.00010}	ND(0.000065)
Total PCBs	0.0003	ND(0.000065)	0.00091 {0.00051}	ND(0.000065)
Semivolatile Organics				
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	0.0050 J	0.0043 J	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
None Detected	--	NA	NA	NA
Organophosphate Pesticides				
None Detected	--	NA	NA	NA
Herbicides				
None Detected	--	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000018)	0.0000000013 J	ND(0.0000000015)
TCDFs (total)	Not Listed	ND(0.0000000018)	0.0000000013	ND(0.0000000015)
1,2,3,7,8-PeCDF	Not Listed	0.0000000019 J	0.0000000018 J	ND(0.0000000017) X
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000026)	ND(0.0000000016) X	ND(0.0000000019) X
PeCDFs (total)	Not Listed	0.0000000019	0.0000000018	0.0000000028
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000026)	ND(0.0000000017) X	ND(0.0000000019) X
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000015) X	0.0000000018 J	ND(0.0000000016) X
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000026)	ND(0.0000000025)	0.0000000014 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000026)	ND(0.0000000025)	ND(0.0000000013) X
HxCDFs (total)	Not Listed	ND(0.0000000026)	0.0000000018	0.0000000014
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000034)	ND(0.0000000025)	ND(0.0000000033) X
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000041)	ND(0.0000000030)	0.0000000016 J
HpCDFs (total)	Not Listed	ND(0.0000000037)	ND(0.0000000027)	0.0000000016
OCDF	Not Listed	ND(0.0000000084)	ND(0.0000000052) X	ND(0.0000000051) X

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North		
Sample ID:	Method 1 GW-3	ES1-20	ES1-27R	GMA1-11
Parameter / Date Collected:	Standards	03/31/03	04/01/03	03/27/03
Dioxins				
2,3,7,8-TCDD	0.00000003	ND(0.0000000024)	ND(0.0000000015)	ND(0.0000000014)
TCDDs (total)	Not Listed	ND(0.0000000045)	ND(0.0000000033)	ND(0.0000000018)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000026)	ND(0.0000000025)	ND(0.0000000021) X
PeCDDs (total)	Not Listed	ND(0.0000000045)	ND(0.0000000036)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000029)	ND(0.0000000033)	0.0000000017 J
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000026)	ND(0.0000000030)	ND(0.0000000026) X
1,2,3,7,8,9-HxCDD	Not Listed	0.0000000021 J	ND(0.0000000032)	0.0000000024 J
HxCDDs (total)	Not Listed	0.0000000021	ND(0.0000000033)	0.0000000041
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000047 J	ND(0.0000000038)	0.0000000040 J
HpCDDs (total)	Not Listed	0.0000000047	ND(0.0000000038)	0.0000000040
OCDD	Not Listed	0.000000011 J	0.0000000099 J	ND(0.0000000086) X
Total TEQs (WHO TEFs)	0.0000001	0.0000000044	0.0000000037	0.0000000033
Inorganics-Unfiltered				
Antimony	Not Applicable	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0190 B	0.00840 B	0.150 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	0.00290 B	0.00280 B
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	ND(0.0250)	ND(0.0250)	0.00750 B
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	6.40
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0130 B	0.0190 B	0.0130 B
Inorganics-Filtered				
Antimony	0.3	ND(0.0600)	0.00980 B	0.00810 B
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.100)
Barium	30	0.0210 B	0.00880 B	0.150 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.0100)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0250)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	0.00690 B
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.08	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.08	0.00480 B	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	0.00930 B	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.0110 B	0.00600 B	0.00850 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	East St. Area 2 - South		
		3-6C-EB-14 04/15/03	3-6C-EB-29 04/11/03	E2SC-23 04/08/03
Volatile Organics				
1,1,1-Trichloroethane	50	0.00090 J [0.0010 J]	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	0.0019 J [0.0020 J]	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
2-Butanone	50	0.022 [0.027]	0.0093 J	ND(0.010)
Acetone	50	0.054 [0.061]	0.027	ND(0.010)
Benzene	7	0.0018 J [0.0017 J]	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	0.48 [0.47]	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
PCBs-Unfiltered				
Aroclor-1242	Not Applicable	ND(0.00025) [ND(0.000065)]	ND(0.00025)	ND(0.00025)
Aroclor-1254	Not Applicable	0.0013 [0.00032]	ND(0.00025)	0.0025
Aroclor-1260	Not Applicable	0.00054 [0.00011]	0.0015	0.00063
Total PCBs	Not Applicable	0.00184 [0.00043]	0.0015	0.00313
PCBs-Filtered				
Aroclor-1242	Not Listed	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065) [ND(0.000065)]	ND(0.000065)	0.00025
Aroclor-1260	Not Listed	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	ND(0.000065) [ND(0.000065)]	ND(0.000065)	0.00025
Semivolatile Organics				
1,2,4-Trichlorobenzene	0.5	0.051 [0.083]	0.084	ND(0.010)
1,2-Dichlorobenzene	8	0.062 [0.097]	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	0.35 [0.56]	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	2.4 [4.0]	0.0088 J	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acenaphthene	5	0.0081 J [0.013]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010) [ND(0.010)]	0.021	ND(0.010)
Phenol	30	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
None Detected	–	NA	NA	NA
Organophosphate Pesticides				
None Detected	–	NA	NA	NA
Herbicides				
None Detected	–	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000024) X [ND(0.0000000025)]	ND(0.0000000030)	ND(0.0000000030)
TCDFs (total)	Not Listed	ND(0.0000000026) [ND(0.0000000025)]	0.0000000030	ND(0.0000000030)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025) [ND(0.0000000025)]	0.0000000025 J	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000018) X [0.0000000014 J]	ND(0.0000000037) X	0.0000000019 J
PeCDFs (total)	Not Listed	ND(0.0000000025) [0.0000000027]	0.0000000095	0.0000000063
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000014 J [ND(0.0000000025)]	0.0000000010 J	ND(0.0000000025) X
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000033) X	ND(0.0000000019) X
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000026)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025) [ND(0.0000000025)]	0.0000000027 J	ND(0.0000000025)
HxCDFs (total)	Not Listed	0.0000000027 [ND(0.0000000025)]	0.000000021	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000020) X [ND(0.0000000025)]	0.0000000090 J	ND(0.0000000036) X
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000026) [ND(0.0000000031)]	ND(0.0000000030)	ND(0.0000000027)
HpCDFs (total)	Not Listed	ND(0.0000000025) [ND(0.0000000028)]	0.000000022	0.0000000026
OCDF	Not Listed	ND(0.0000000072) [0.0000000029 J]	0.000000028 J	0.0000000071 J

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	East St. Area 2 - South		
		3-6C-EB-14 04/15/03	3-6C-EB-29 04/11/03	E2SC-23 04/08/03
Dioxins				
2,3,7,8-TCDD	0.00000003	ND(0.0000000019) [ND(0.0000000020)]	ND(0.0000000028)	ND(0.0000000030)
TCDDs (total)	Not Listed	ND(0.0000000019) [ND(0.0000000020)]	ND(0.0000000028)	ND(0.0000000030)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000028)
PeCDDs (total)	Not Listed	ND(0.0000000025) [ND(0.0000000031)]	ND(0.0000000025)	ND(0.0000000028)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040) [ND(0.0000000041)]	ND(0.0000000037)	ND(0.0000000042)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000040) [ND(0.0000000040)]	ND(0.0000000037)	ND(0.0000000042)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000041) [ND(0.0000000042)]	ND(0.0000000038)	ND(0.0000000043)
HxCDDs (total)	Not Listed	ND(0.0000000041) [ND(0.0000000041)]	ND(0.0000000038)	ND(0.0000000046)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000022) X [ND(0.0000000043)]	ND(0.0000000034) X	ND(0.0000000040) X
HpCDDs (total)	Not Listed	ND(0.0000000037) [ND(0.0000000043)]	ND(0.0000000032)	ND(0.0000000045)
OCDD	Not Listed	ND(0.0000000094) X [ND(0.0000000063) X]	0.000000017 J	0.000000020 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000040 [0.0000000043]	0.0000000061	0.0000000052
Inorganics-Unfiltered				
Antimony	Not Applicable	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.160 B [0.150 B]	0.0600 B	0.00310 B
Beryllium	Not Applicable	ND(0.00100) [0.000360 B]	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	0.000540 B [0.000610 B]	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	0.00330 B [ND(0.0250)]	ND(0.0250)	ND(0.0250)
Cyanide	Not Applicable	ND(0.0100) [0.00220 B]	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400) [0.00300 B]	0.00300 B	ND(0.0400)
Selenium	Not Applicable	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0310 [0.0160 B]	0.0210	0.0180 B
Inorganics-Filtered				
Antimony	0.3	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	0.4	0.00540 B [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	30	0.170 B [0.160 B]	0.0650 B	0.00330 B
Beryllium	0.05	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	0.01	0.000750 B [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250) [ND(0.0250)]	ND(0.0250)	ND(0.0250)
Cyanide	0.01	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300) [ND(0.00300)]	ND(0.00300)	0.0150
Mercury	0.001	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Nickel	0.08	ND(0.0400) [ND(0.0400)]	0.00290 B	ND(0.0400)
Selenium	0.08	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.00280 B [0.00220 B]	0.00710 B	0.00140 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	East St. Area 2 - South			
		E2SC-24 04/09/03	ES2-02A 04/14/03	ES2-05 04/08/03	ES2-08 04/14/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	0.0050 J	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	0.013	ND(0.010)	0.026
Benzene	7	0.0040 J	0.0047 J	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	0.0069	0.13	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	0.0044 J	ND(0.0050)
Vinyl Chloride	40	0.0014 J	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	0.0012	0.00012	0.00025	0.0011
Aroclor-1260	Not Applicable	ND(0.000065)	0.000066	ND(0.000065)	0.00022
Total PCBs	Not Applicable	0.0012	0.000186	0.00025	0.00132
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.00028	0.000078	0.000033 J	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.00028	0.000078	0.000033 J	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	0.0030 J	0.0066 J	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	0.0076 J	0.0055 J	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	0.0047 J	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	0.0033 J	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000030)	ND(0.0000000033) X	ND(0.0000000033)	ND(0.0000000028) X
TCDFs (total)	Not Listed	ND(0.0000000030)	0.00000011	ND(0.0000000033)	0.0000000030
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000017) X
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000013) X	0.0000000069 J	0.0000000028 J	0.0000000021 J
PeCDFs (total)	Not Listed	ND(0.0000000025)	0.00000012	0.000000013	0.000000014
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000048) X	0.0000000034 J	ND(0.0000000041)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000066)	ND(0.0000000025)	ND(0.0000000036)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000031)	ND(0.0000000088)	ND(0.0000000025)	ND(0.0000000048)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000026)	0.0000000065 J	ND(0.0000000025)	ND(0.0000000040)
HxCDFs (total)	Not Listed	ND(0.0000000027)	0.000000063	0.000000011	ND(0.0000000041)
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000027 J	ND(0.0000000082) X	0.0000000046 J	ND(0.0000000056)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000036)	ND(0.0000000051)	ND(0.0000000032)	ND(0.0000000075)
HpCDFs (total)	Not Listed	0.0000000027	0.0000000098	0.0000000087	ND(0.0000000064)
OCDF	Not Listed	ND(0.0000000064)	ND(0.000000014)	ND(0.0000000067) X	ND(0.000000015)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - South			
Sample ID:	Method 1 GW-3	E2SC-24	ES2-02A	ES2-05	ES2-08
Parameter Date Collected:	Standards	04/09/03	04/14/03	04/08/03	04/14/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000026)	ND(0.0000000029)	ND(0.0000000033)	ND(0.0000000031)
TCDDs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000029)	ND(0.0000000033)	ND(0.0000000031)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000031)	ND(0.0000000026)	ND(0.0000000029)
PeCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000047)	ND(0.0000000028)	ND(0.0000000045)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000042)	ND(0.0000000038)	ND(0.0000000034)	ND(0.0000000085)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000042)	ND(0.0000000078)	ND(0.0000000034)	ND(0.0000000076)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000043)	ND(0.0000000087)	ND(0.0000000034)	ND(0.0000000084)
HxCDDs (total)	Not Listed	ND(0.0000000043)	ND(0.0000000084)	ND(0.0000000037)	ND(0.0000000081)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000045)	0.0000000042 J	ND(0.0000000042) X	ND(0.000000010)
HpCDDs (total)	Not Listed	ND(0.0000000045)	0.0000000042	0.0000000037	ND(0.000000010)
OCDD	Not Listed	0.000000017 J	0.000000014 J	ND(0.000000015) X	ND(0.000000028)
Total TEQs (WHO TEFs)	0.0000001	0.0000000043	0.0000000097	0.0000000059	0.0000000064
Inorganics-Unfiltered					
Antimony	Not Applicable	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0790 B	0.0330 B	0.0610 B	0.0110 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	0.00600 B	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	ND(0.0250)	ND(0.0250)	0.00370 B	ND(0.0250)
Cyanide	Not Applicable	0.0130	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	0.00260 B	0.0230 B	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	Not Applicable	0.00860 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0340	0.0860	0.0200	0.0140 B
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0740 B	0.0340 B	0.0510 B	0.0120 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	0.00170 B	0.00520 B	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.01	**0.0140**	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	0.0000400 B	ND(0.000200)
Nickel	0.08	0.00340 B	0.0220 B	ND(0.0400)	0.00220 B
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	0.00200 B	ND(0.0500)
Zinc	0.9	0.0160 B	0.0680	0.00100 B	0.00470 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - South			
Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	ESA2S-52 04/08/03	ESA2S-64 04/10/03	GMA1-13 06/26/03	HR-G1-MW-3 04/15/03
olatile Organics					
,1,1-Trichloroethane	50	ND(0.10)	0.23	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1-Dichloroethane	50	ND(0.10)	0.35	ND(0.0050) [ND(0.0050)]	0.0051
,2-Dichloroethane	50	ND(0.10)	0.030 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Butanone	50	ND(0.10)	ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)
cetone	50	ND(0.10)	ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)
enzene	7	0.062 J	0.050 J	ND(0.0050) [ND(0.0050)]	0.012
Carbon Tetrachloride	50	ND(0.10)	0.044 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)
hlorobenzene	0.5	5.2	0.73	ND(0.0050) [ND(0.0050)]	0.20
hloroethane	Not Listed	0.27	3.3	ND(0.0050) [ND(0.0050)]	0.065
hloroform	10	ND(0.10)	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
thylbenzene	4	ND(0.10)	0.27	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	5	ND(0.10)	ND(0.050)	ND(0.0020) [ND(0.0020)]	ND(0.0050)
oluene	50	ND(0.10)	0.37	ND(0.0050) [ND(0.0050)]	ND(0.0050)
ans-1,2-Dichloroethene	50	ND(0.10)	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
richloroethene	20	ND(0.10)	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride	40	ND(0.10)	0.19	ND(0.0020) [ND(0.0020)]	ND(0.0050)
Xylenes (total)	50	ND(0.10)	0.63	0.0010 J [ND(0.010)]	ND(0.010)
CBs-Unfiltered					
oclor-1242	Not Applicable	0.0050	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
roclor-1254	Not Applicable	ND(0.00050)	0.00025	0.000060 J [0.000046 J]	0.000090
Aroclor-1260	Not Applicable	0.00053	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
otal PCBs	Not Applicable	0.00553	0.00025	0.000060 J [0.000046 J]	0.000090
CBs-Filtered					
roclor-1242	Not Listed	0.0049	ND(0.00010)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.00050)	ND(0.00010)	0.000057 J [0.000033 J]	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.00050)	ND(0.00010)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
otal PCBs	0.0003	**0.0049**	ND(0.00010)	0.000057 J [0.000033 J]	ND(0.000065)
emivolatile Organics					
,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	0.039	ND(0.010) [ND(0.010)]	ND(0.010)
1,3-Dichlorobenzene	8	0.0052 J	0.050	ND(0.010) [ND(0.010)]	0.020
,4-Dichlorobenzene	8	0.016	0.19	ND(0.010) [ND(0.010)]	0.090
,4-Dimethylphenol	20	ND(0.010)	0.0067 J	ND(0.010) [ND(0.010)]	ND(0.010)
2-Chlorophenol	40	0.024	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	0.0031 J	ND(0.010) [ND(0.010)]	ND(0.010)
Methylphenol	Not Listed	ND(0.010)	0.0048 J	ND(0.010) [ND(0.010)]	ND(0.010)
enaphthene	5	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060) [ND(0.0060)]	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene	6	0.0032 J	0.042	ND(0.010) [ND(0.010)]	ND(0.010)
entachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
henol	30	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
rganochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
one Detected	--	NA	NA	NA	NA
erbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000061) X	ND(0.0000000028)	ND(0.00000000071) [ND(0.00000000065)]	ND(0.0000000026)
CDFs (total)	Not Listed	0.000000031	0.0000000037	ND(0.00000000071) [ND(0.00000000065)]	0.000000043
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000026) X	ND(0.0000000025)	ND(0.00000000039) [ND(0.00000000048)]	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000087) X	ND(0.0000000011) X	ND(0.00000000041) [ND(0.00000000050)]	0.0000000019 J
PeCDFs (total)	Not Listed	0.000000054	0.0000000036	ND(0.00000000039) [ND(0.00000000048)]	0.000000039
1,2,3,4,7,8-HxCDF	Not Listed	0.000000012 J	ND(0.0000000025)	ND(0.00000000033) [ND(0.0000000012) X]	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000045) X	ND(0.0000000025)	ND(0.00000000033) [ND(0.00000000036)]	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000030)	ND(0.0000000025)	ND(0.00000000043) [ND(0.00000000048)]	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	0.0000000063 J	ND(0.0000000025)	ND(0.00000000037) [ND(0.00000000041)]	ND(0.0000000025)
HxCDFs (total)	Not Listed	0.000000083	ND(0.0000000025)	ND(0.00000000033) [ND(0.00000000036)]	0.0000000032
1,2,3,4,6,7,8-HpCDF	Not Listed	0.000000017 J	0.0000000023 J	ND(0.0000000031) X [ND(0.0000000044) X]	ND(0.0000000028)
1,2,3,4,7,8,9-HpCDF	Not Listed	0.0000000061 J	ND(0.0000000025)	ND(0.00000000058) [ND(0.00000000051)]	ND(0.0000000034)
HpCDFs (total)	Not Listed	0.000000042	0.0000000023	ND(0.00000000044) [ND(0.00000000039)]	ND(0.0000000031)
OCDF	Not Listed	0.000000025 J	ND(0.0000000062)	0.000000018 B [0.000000025 B]	ND(0.0000000083)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Site ID / Sample ID / Date Collected:	Method 1 GW-3 Standards	East St. Area 2 - South ESA2S-52 04/08/03	ESA2S-64 04/10/03	GMA1-13 06/26/03	HR-G1-MW-3 04/15/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000030)	ND(0.0000000032)	ND(0.00000000054) [ND(0.00000000052)]	ND(0.0000000024)
TCDDs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000032)	ND(0.00000000054) [ND(0.00000000052)]	ND(0.0000000024)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000063) X	ND(0.0000000025)	ND(0.00000000054) [ND(0.00000000061)]	ND(0.0000000025)
PeCDDs (total)	Not Listed	0.0000000029	ND(0.0000000025)	ND(0.00000000054) [ND(0.00000000061)]	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000042)	ND(0.00000000052) [ND(0.00000000046)]	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000035) X	ND(0.0000000042)	ND(0.00000000047) [ND(0.00000000041)]	ND(0.0000000034)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000051)	ND(0.0000000043)	ND(0.00000000047) [ND(0.00000000042)]	ND(0.0000000035)
HxCDDs (total)	Not Listed	0.0000000061	ND(0.0000000042)	ND(0.00000000047) [ND(0.00000000041)]	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000089) X	ND(0.0000000033)	0.0000000011 [ND(0.00000000040)]	ND(0.0000000048)
HpCDDs (total)	Not Listed	ND(0.0000000037)	ND(0.0000000033)	0.0000000011 [ND(0.00000000040)]	ND(0.0000000048)
OCDD	Not Listed	0.000000034 J	0.0000000094 J	ND(0.0000000038) X [0.0000000046 B]	0.0000000083 J
Total TEQs (WHO TEFs)	0.0000001	0.000000010	0.0000000045	0.00000000087 [0.00000000095]	0.0000000047
Inorganics-Unfiltered					
Antimony	Not Applicable	0.00560 B	ND(0.0600)	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	0.0150	ND(0.0100) [ND(0.0100)]	0.00680 B
Barium	Not Applicable	0.130 B	0.0820 B	0.00750 B [0.00730 B]	0.0770 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	0.00200 B [0.00240 B]	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	Not Applicable	0.00420 B	ND(0.0250)	0.00150 B [0.00260 B]	ND(0.0250)
Cyanide	Not Applicable	0.00590 B	0.0130	ND(0.0100) [ND(0.0100)]	0.00630 B
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	0.00590 B	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	0.0110 [0.0120]	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00) [ND(5.00)]	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100) [0.00890 B]	ND(0.0100)
Vanadium	Not Applicable	0.0520	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	Not Applicable	ND(0.0200)	0.00820 B	0.0150 B [0.0140 B]	0.0120 B
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	0.0100 B [0.00860 B]	ND(0.0600)
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	30	0.0670 B	0.0570 B	0.00790 B [0.00830 B]	0.0680 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	0.000400 B [0.000750 B]	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	0.00210 B [0.00210 B]	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	Not Listed	0.00390 B	ND(0.0250)	0.00620 B [0.00700 B]	ND(0.0250)
Cyanide	0.01	0.00620 B	0.0120	ND(0.0100) [ND(0.0100)]	0.00690 B
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel	0.08	ND(0.0400)	ND(0.0400)	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Vanadium	2	0.0220 B	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	0.9	ND(0.0200)	ND(0.0200)	0.00300 B [0.00260 B]	ND(0.0200)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - South	Lyman Street Area		
Sample ID:	Method 1 GW-3	HR-G3-MW-1	B-2	E-4	E-7
Parameter Date Collected:	Standards	04/11/03	04/14/03	04/09/03	04/09/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.050)	NA	ND(0.010)	ND(0.010)
Acetone	50	ND(0.050)	NA	ND(0.010)	ND(0.010)
Benzene	7	0.18	NA	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	1.5	NA	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.050)	NA	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.050)	NA	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.050)	NA	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.050)	NA	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	0.00015	NA	0.00060	0.00020
Aroclor-1260	Not Applicable	ND(0.000065)	NA	ND(0.000065)	0.000072
Total PCBs	Not Applicable	0.00015	NA	0.00060	0.000272
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	ND(0.000065)	0.000056 J	0.000028 J
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	ND(0.000065)	ND(0.000065)	0.000056 J	0.000028 J
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	NA	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	NA	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	0.0025 J	NA	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	0.0055 J	NA	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Chlorophenol	40	0.011	NA	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	NA	ND(0.010)	ND(0.010)
Acenaphthene	5	0.016	NA	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	NA	ND(0.0060)	ND(0.0060)
Fluorene	3	0.0055 J	NA	ND(0.010)	ND(0.010)
Naphthalene	6	0.0068 J	NA	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	NA	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	NA	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000025) X	NA	ND(0.0000000044) X	ND(0.0000000040)
TCDFs (total)	Not Listed	0.000000041	NA	ND(0.0000000045)	ND(0.0000000040)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000018) X	NA	ND(0.0000000026) X	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	0.0000000025 J	NA	0.0000000015 J	ND(0.0000000016) X
PeCDFs (total)	Not Listed	0.000000011	NA	0.0000000015	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	NA	0.0000000036 J	0.0000000036 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000022) X	ND(0.0000000018) X
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000027)	NA	ND(0.0000000026)	ND(0.0000000032)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000025)	ND(0.0000000027)
HxCDFs (total)	Not Listed	ND(0.0000000025)	NA	0.0000000056	0.0000000067
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000021) X	NA	0.0000000064 J	ND(0.0000000045) X
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000044)	ND(0.0000000042)
HpCDFs (total)	Not Listed	ND(0.0000000025)	NA	0.0000000064	ND(0.0000000038)
OCDF	Not Listed	ND(0.0000000060)	NA	ND(0.000000012)	ND(0.000000011)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - South	Lyman Street Area		
Sample ID:	Method 1 GW-3	HR-G3-MW-1	B-2	E-4	E-7
Parameter / Date Collected:	Standards	04/11/03	04/14/03	04/09/03	04/09/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000018)	NA	ND(0.0000000046)	ND(0.0000000038)
TCDDs (total)	Not Listed	ND(0.0000000018)	NA	ND(0.0000000045)	ND(0.0000000038)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	NA	ND(0.0000000030)	ND(0.0000000028)
PeCDDs (total)	Not Listed	ND(0.0000000025)	NA	ND(0.0000000030)	ND(0.0000000038)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040)	NA	ND(0.0000000059)	ND(0.0000000064)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000040)	NA	0.0000000064 J	ND(0.0000000064)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000041)	NA	ND(0.0000000060)	ND(0.0000000066)
HxCDDs (total)	Not Listed	ND(0.0000000040)	NA	0.0000000064	ND(0.0000000064)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000032) X	NA	0.000000013 J	0.0000000063 J
HpCDDs (total)	Not Listed	ND(0.0000000032)	NA	0.000000013	ND(0.0000000068)
OCDD	Not Listed	ND(0.000000012)	NA	0.000000032 J	ND(0.000000020) X
Total TEQs (WHO TEFs)	0.0000001	0.0000000047	NA	0.0000000070	0.0000000058
Inorganics-Unfiltered					
Antimony	Not Applicable	ND(0.0600)	NA	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0910 B	NA	0.0480 B	0.0210 B
Beryllium	Not Applicable	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	ND(0.0250)	NA	ND(0.0250)	ND(0.0250)
Cyanide	Not Applicable	0.00340 B	NA	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	ND(0.00300)	NA	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200) **ND(0.0000200)**	NA	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	NA	0.00770	0.00470 B
Silver	Not Applicable	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	NA	6.40	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	0.00120 B	NA	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.00490 B	NA	0.0120 B	0.0160 B
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	0.4	ND(0.0100)	ND(0.0100)	0.00470 B	ND(0.0100)
Barium	30	0.0700 B	0.160 B	0.0520 B	0.0240 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	0.00300 B	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.01	0.00320 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	0.00370	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200) **ND(0.0000200)**	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.08	ND(0.0400)	0.00460 B	0.00420 B	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	0.0130	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	0.00840 B	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	ND(0.0200)	0.0420	0.0110 B	0.00780 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area			
Sample ID:	Method 1 GW-3	GMA1-5	LS-28	LS-29	LS-MW-4
Parameter / Date Collected:	Standards	04/14/03	04/10/03	04/18/03	04/10/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	0.010	0.0046	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	0.00047	0.00026	0.00022	0.00021
Aroclor-1260	Not Applicable	0.000065	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	Not Applicable	0.000535	0.00026	0.00022	0.00021
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000070	ND(0.000065)	ND(0.000065)	0.00013
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.000070	ND(0.000065)	ND(0.000065)	0.00013
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000035)	ND(0.0000000030)	ND(0.0000000016)	ND(0.0000000032)
TCDFs (total)	Not Listed	ND(0.0000000035)	ND(0.0000000030)	0.0000000011	0.0000000037
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000027) X
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000026) X
PeCDFs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)	0.0000000014
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000037)	ND(0.0000000031)	ND(0.0000000015) X	0.0000000037 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000033)	ND(0.0000000028)	ND(0.0000000025)	ND(0.0000000031) X
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000044)	ND(0.0000000035)	ND(0.0000000025)	0.0000000019 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000036)	ND(0.0000000030)	ND(0.0000000025)	ND(0.0000000025) X
HxCDFs (total)	Not Listed	ND(0.0000000037)	ND(0.0000000031)	ND(0.0000000025)	0.0000000055
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000043)	ND(0.0000000028)	ND(0.0000000020) X	0.0000000041 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000058)	ND(0.0000000034)	ND(0.0000000025)	ND(0.0000000028)
HpCDFs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000030)	ND(0.0000000025)	0.0000000041
OCDF	Not Listed	ND(0.000000013)	ND(0.0000000086)	ND(0.0000000073)	ND(0.0000000052) X

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	Lyman Street Area			
		GMA1-5 04/14/03	LS-28 04/10/03	LS-29 04/18/03	LS-MW-4 04/10/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000029)	ND(0.0000000034)	ND(0.0000000012)	0.0000000013 J
TCDDs (total)	Not Listed	ND(0.0000000029)	ND(0.0000000034)	ND(0.0000000012)	0.0000000013
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000029)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000034) X
PeCDDs (total)	Not Listed	ND(0.0000000046)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000029)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000067)	ND(0.0000000061)	ND(0.0000000025)	ND(0.0000000038)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000025)	ND(0.0000000038)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000066)	ND(0.0000000062)	ND(0.0000000025)	ND(0.0000000039)
HxCDDs (total)	Not Listed	ND(0.0000000064)	ND(0.0000000061)	ND(0.0000000032)	ND(0.0000000038)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000079)	ND(0.0000000054)	0.0000000031 J	0.0000000047 J
HpCDDs (total)	Not Listed	ND(0.0000000079)	ND(0.0000000054)	0.0000000031	0.0000000047
OCDD	Not Listed	0.000000013 J	ND(0.000000028)	0.0000000092 J	0.000000020 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000056	0.0000000054	0.0000000035	0.0000000054
Inorganics-Unfiltered					
Antimony	Not Applicable	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0470 B	0.00670 B	0.00680 B	0.230
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00290 B
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	6.40	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0200	0.0120 B	0.0140 B	0.0450
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0530 B	0.00760 B	0.00670 B	0.150 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.08	0.00220 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.0140 B	0.00420 B	ND(0.0200)	0.00560 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area			
Sample ID:	Method 1 GW-3	LS-MW-6R	LSSC-08I	LSSC-08S	LSSC-18
Parameter Date Collected:	Standards	04/14/03	04/10/03	04/16/03	04/16/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.050)	0.022	0.010
Benzene	7	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	0.85	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	0.079	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	0.43	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.050)	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	0.56	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.050)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	0.22	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.025)	ND(0.00025)	ND(0.000065)
Aroclor-1254	Not Applicable	ND(0.000065)	0.29	0.0022	0.00024
Aroclor-1260	Not Applicable	ND(0.000065)	ND(0.025)	ND(0.00025)	ND(0.000065)
Total PCBs	Not Applicable	ND(0.000065)	0.29	0.0022	0.00024
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.00025)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	0.0050	0.000086	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.00025)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	ND(0.000065)	0.0050	0.000086	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	0.050	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	0.016	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	0.018	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	0.0026 J	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	0.0050 J	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	–	NA	NA	–	NA
Organophosphate Pesticides					
None Detected	–	NA	NA	–	NA
Herbicides					
None Detected	–	NA	NA	–	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000031)	NA	ND(0.0000000022)	ND(0.0000000024)
TCDFs (total)	Not Listed	ND(0.0000000031)	NA	0.0000000022	ND(0.0000000024)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000018) X	ND(0.0000000025)
PeCDFs (total)	Not Listed	ND(0.0000000025)	NA	0.0000000049	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000047)	NA	ND(0.0000000024) X	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000042)	NA	0.0000000016 J	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000056)	NA	ND(0.0000000025)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000046)	NA	ND(0.0000000025)	ND(0.0000000025)
HxCDFs (total)	Not Listed	ND(0.0000000048)	NA	0.0000000053	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000040)	NA	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000054)	NA	ND(0.0000000027)	ND(0.0000000025)
HpCDFs (total)	Not Listed	ND(0.0000000046)	NA	0.0000000021	ND(0.0000000025)
OCDF	Not Listed	ND(0.0000000020)	NA	ND(0.0000000054)	ND(0.0000000051)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	Lyman Street Area			
		LS-MW-6R 04/14/03	LSSC-08I 04/10/03	LSSC-08S 04/16/03	LSSC-18 04/16/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000034)	NA	ND(0.0000000019)	ND(0.0000000021)
TCDDs (total)	Not Listed	ND(0.0000000034)	NA	ND(0.0000000019)	ND(0.0000000021)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000032)	NA	ND(0.0000000025)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000037)	NA	ND(0.0000000036)	ND(0.0000000029)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000080)	NA	ND(0.0000000030)	ND(0.0000000031)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000071)	NA	ND(0.0000000030)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000078)	NA	ND(0.0000000031)	ND(0.0000000032)
HxCDDs (total)	Not Listed	ND(0.0000000076)	NA	ND(0.0000000031)	ND(0.0000000037)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000085)	NA	0.0000000045 J	ND(0.0000000034)
HpCDDs (total)	Not Listed	ND(0.0000000085)	NA	0.0000000045	ND(0.0000000034)
OCDD	Not Listed	ND(0.000000027)	NA	0.000000012 J	0.0000000086 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000063	NA	0.0000000039	0.0000000041
Inorganics-Unfiltered					
Antimony	Not Applicable	ND(0.0600)	NA	0.00800 B	0.00560 B
Arsenic	Not Applicable	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0750 B	NA	0.140 B	0.0220 B
Beryllium	Not Applicable	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	0.00370 B	NA	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	ND(0.0250)	NA	0.00540 B	0.00640 B
Cyanide	Not Applicable	ND(0.0100)	NA	0.00400 B	ND(0.0100)
Lead	Not Applicable	ND(0.00300)	NA	ND(0.00300)	0.00720
Mercury	Not Applicable	ND(0.000200) **ND(0.0000200)**	NA	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	0.00300 B	NA	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	NA	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	NA	ND(0.0500)	0.00490 B
Zinc	Not Applicable	0.0170 B	NA	0.0400	0.0160 B
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	NA	0.0140 B	0.00640 B
Arsenic	0.4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	30	0.0780 B	NA	0.130 B	0.0250 B
Beryllium	0.05	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	0.00390 B	NA	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	NA	0.00340 B	ND(0.0250)
Cyanide	0.01	ND(0.0100)	NA	0.00430 B	ND(0.0100)
Lead	0.03	ND(0.00300)	NA	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200) **ND(0.0000200)**	NA	ND(0.000200)	ND(0.000200)
Nickel	0.08	0.00220 B	NA	ND(0.0400)	0.00280 B
Selenium	0.08	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	NA	0.00130 B	0.00510 B
Zinc	0.9	0.00550 B	NA	0.0240	ND(0.0200)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area I			Newell St. Area II
Sample ID:	Method 1 GW-3	FW-16R	IA-9R	SZ-1	GMA1-8
Parameter Date Collected:	Standards	04/18/03	04/18/03	04/18/03	04/17/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)	0.0065 J	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	0.000069	ND(0.000065)	0.000075	0.00041
Aroclor-1260	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	Not Applicable	0.000069	ND(0.000065)	0.000075	0.00041
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	ND(0.000065)	0.000037 J	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	ND(0.000065)	ND(0.000065)	0.000037 J	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000018)	ND(0.0000000017)	ND(0.0000000011)	ND(0.0000000021)
TCDFs (total)	Not Listed	0.0000000064	ND(0.0000000017)	ND(0.0000000011)	0.0000000046
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000040)	0.0000000014 J
2,3,4,7,8-PeCDF	Not Listed	0.0000000010 J	ND(0.0000000024)	ND(0.0000000038)	0.0000000012 J
PeCDFs (total)	Not Listed	0.0000000028	ND(0.0000000024)	ND(0.0000000039)	0.0000000042
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000036)	ND(0.0000000011) X
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000033)	0.0000000012 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000041)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000035)	ND(0.0000000025)
HxCDFs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000036)	0.0000000012
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	0.0000000012 J	ND(0.0000000024)	0.0000000020 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000025)
HpCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000012	ND(0.0000000025)	0.0000000020
OCDF	Not Listed	ND(0.0000000065)	ND(0.0000000049)	ND(0.0000000087)	ND(0.0000000069)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	Newell St. Area I			Newell St. Area II
		FW-16R 04/18/03	IA-9R 04/18/03	SZ-1 04/18/03	GMA1-8 04/17/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000013)	ND(0.00000000098)	ND(0.0000000020)	ND(0.0000000015)
TCDDs (total)	Not Listed	ND(0.0000000013)	ND(0.0000000030)	ND(0.0000000023)	ND(0.0000000034)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000043)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000039)	ND(0.0000000043)	ND(0.0000000042)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000042)	ND(0.0000000028)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000041)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000042)	ND(0.0000000028)
HxCDDs (total)	Not Listed	ND(0.0000000038)	ND(0.0000000047)	ND(0.0000000042)	ND(0.0000000044)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000027)	ND(0.0000000021) X	ND(0.0000000040)	0.0000000024 J
HpCDDs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000024)	ND(0.0000000040)	0.0000000024
OCDD	Not Listed	ND(0.000000014)	0.0000000072 J	ND(0.000000019)	ND(0.000000010) X
Total TEQs (WHO TEFs)	0.0000001	0.0000000035	0.0000000033	0.0000000061	0.0000000037
Inorganics-Unfiltered					
Antimony	Not Applicable	ND(0.0600)	ND(0.0600)	ND(0.0600)	0.0100 B
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0560 B	0.140 B	0.0390 B	0.0410 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	0.00540 B	0.00440 B	0.00480 B	0.00550 B
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00320 B
Lead	Not Applicable	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	0.00140 B
Zinc	Not Applicable	0.0140 B	0.0210	0.0170 B	0.0160 B
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	0.0100 B	0.00870 B
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0540 B	0.0760 B	0.0410 B	0.0420 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	0.00350 B
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00310 B
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.08	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	ND(0.0500)	ND(0.0500)	0.00120 B
Zinc	0.9	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area II			
Sample ID:	Method 1 GW-3	GMA1-9	N2SC-7S	NS-09	NS-17
Parameter Date Collected:	Standards	04/17/03	04/16/03	04/15/03	04/15/03
Volatile Organics					
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
2-Butanone	50	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.050)	ND(0.0050)	0.044
Carbon Tetrachloride	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Chlorobenzene	0.5	0.0025 J	0.18	ND(0.0050)	0.13
Chloroethane	Not Listed	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Chloroform	10	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Ethylbenzene	4	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Tetrachloroethene	5	ND(0.0020)	ND(0.050)	ND(0.0020)	ND(0.010)
Toluene	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Trichloroethene	20	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Vinyl Chloride	40	ND(0.0020)	0.89	0.014	2.7
Xylenes (total)	50	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Applicable	0.00087	0.00053	0.000072	0.00083
Aroclor-1260	Not Applicable	0.00013	ND(0.000065)	ND(0.000065)	0.00024
Total PCBs	Not Applicable	0.0010	0.00053	0.000072	0.00107
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000075	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.000075	ND(0.000065)	ND(0.000065)	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	0.0045 J	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	0.016	ND(0.010)	0.012
1,4-Dichlorobenzene	8	ND(0.010)	0.070	ND(0.010)	0.067
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	0.0092 J	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000028)	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000025)
TCDFs (total)	Not Listed	0.000000017	0.000000081 I	ND(0.0000000018)	0.000000044
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000027)	0.0000000011 J	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000018) X	0.0000000031 J	0.0000000013 J	ND(0.0000000035) X
PeCDFs (total)	Not Listed	0.000000012	0.000000028	0.0000000013	0.0000000086
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000036 J	0.0000000029 J	0.0000000016 J	0.0000000055 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000029) X	0.0000000019 J	0.0000000014 J	0.0000000025 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000025)	ND(0.0000000025)	0.0000000029 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000025)	ND(0.00000000068) X	ND(0.0000000018) X
HxCDFs (total)	Not Listed	0.0000000036	0.0000000048	0.0000000030	0.000000016
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000025 J	0.0000000023 J	0.0000000016 J	0.0000000043 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000032)	0.0000000020 J	ND(0.0000000025)	0.0000000030 J
HpCDFs (total)	Not Listed	0.0000000025	0.0000000043	0.0000000016	0.000000013
OCDF	Not Listed	ND(0.000000013)	0.0000000062 J	ND(0.0000000053)	0.0000000065 J

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area II			
Sample ID:	Method 1 GW-3	GMA1-9	N2SC-7S	NS-09	NS-17
Parameter Date Collected:	Standards	04/17/03	04/16/03	04/15/03	04/15/03
Dioxins					
2,3,7,8-TCDD	0.00000003	ND(0.0000000022)	ND(0.0000000011)	ND(0.0000000015)	ND(0.0000000020)
TCDDs (total)	Not Listed	ND(0.0000000042)	ND(0.0000000032)	ND(0.0000000021)	ND(0.0000000020)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000027)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000045)	ND(0.0000000040)	ND(0.0000000028)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000025)	ND(0.0000000032)	ND(0.0000000035)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000028)	ND(0.0000000015) X	ND(0.0000000032)	ND(0.0000000035)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000015) X	ND(0.0000000033)	ND(0.0000000036)
HxCDDs (total)	Not Listed	ND(0.0000000030)	0.0000000011	ND(0.0000000043)	ND(0.0000000035)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000040)	ND(0.0000000024) X	ND(0.0000000031) X	ND(0.0000000038) X
HpCDDs (total)	Not Listed	ND(0.0000000040)	ND(0.0000000029)	ND(0.0000000026)	ND(0.0000000036)
OCDD	Not Listed	ND(0.000000019)	ND(0.0000000086) X	ND(0.000000012) X	0.000000013 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000044	0.0000000045	0.0000000038	0.0000000051
Inorganics-Unfiltered					
Antimony	Not Applicable	0.00650 B	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0350 B	0.0380 B	0.0340 B	0.0370 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	ND(0.00500)	0.000890 B	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	0.00390 B	0.00540 B	0.00370 B	ND(0.0250)
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	0.00330	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	16.0	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	0.0150	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	ND(0.0500)	0.00200 B	ND(0.0500)	ND(0.0500)
Zinc	Not Applicable	0.0170 B	0.0200 B	0.0230	0.0160 B
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	0.00620 B	ND(0.0600)	ND(0.0600)
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0330 B	0.0350 B	0.0380 B	0.0370 B
Beryllium	0.05	ND(0.00100)	0.000860 B	ND(0.00100)	ND(0.00100)
Cadmium	0.01	ND(0.00500)	0.000670 B	ND(0.00500)	0.000560 B
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	0.00460 B	ND(0.0250)
Cyanide	0.01	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.08	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.08	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00500 B
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	2	ND(0.0500)	0.00120 B	ND(0.0500)	ND(0.0500)
Zinc	0.9	ND(0.0200)	0.00140 B	0.0130 B	0.00220 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	Newell St. Area II NS-20 04/15/03	Newell St. Area II NS-37 04/17/03
Volatile Organics			
1,1,1-Trichloroethane	50	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	50	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	50	ND(0.0050)	ND(0.0050)
2-Butanone	50	ND(0.010)	ND(0.010)
Acetone	50	ND(0.010)	ND(0.010)
Benzene	7	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	50	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)
Ethylbenzene	4	ND(0.0050)	ND(0.0050)
Tetrachloroethene	5	ND(0.0020)	ND(0.0020)
Toluene	50	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	50	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)
Xylenes (total)	50	ND(0.010)	ND(0.010)
PCBs-Unfiltered			
Aroclor-1242	Not Applicable	ND(0.000065)	ND(0.0025)
Aroclor-1254	Not Applicable	0.00012	0.014
Aroclor-1260	Not Applicable	ND(0.000065)	0.0057
Total PCBs	Not Applicable	0.00012	0.0197
PCBs-Filtered			
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000025 J	0.00026
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.000025 J	0.00026
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	8	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	8	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	8	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)
2-Chlorophenol	40	ND(0.010)	ND(0.010)
2-Methylnaphthalene	3	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)
Acenaphthene	5	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	0.03	ND(0.0060)	ND(0.0060)
Fluorene	3	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)
Phenol	30	ND(0.010)	ND(0.010)
Organochlorine Pesticides			
None Detected	--	NA	NA
Organophosphate Pesticides			
None Detected	--	NA	NA
Herbicides			
None Detected	--	NA	NA
Furans			
2,3,7,8-TCDF	Not Listed	ND(0.0000000026)	0.0000000042 J
TCDFs (total)	Not Listed	ND(0.0000000026)	0.00000052
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	0.0000000026 J
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	0.0000000067 J
PeCDFs (total)	Not Listed	ND(0.0000000025)	0.00000011
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.000000018 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.000000011 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000026)	0.0000000050 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000045 J
HxCDFs (total)	Not Listed	ND(0.0000000025)	0.000000074
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000030)	0.000000014 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000037)	0.0000000082 J
HpCDFs (total)	Not Listed	ND(0.0000000033)	0.000000039
OCDF	Not Listed	ND(0.0000000059)	ND(0.000000033) X

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	Method 1 GW-3 Standards	Newell St. Area II NS-20 04/15/03	Newell St. Area II NS-37 04/17/03
Dioxins			
2,3,7,8-TCDD	0.00000003	ND(0.0000000026)	ND(0.0000000019)
TCDDs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000019)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000032) X
PeCDDs (total)	Not Listed	ND(0.0000000025)	0.0000000026
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000039)	ND(0.0000000031)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000039)	0.0000000024 J
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000040)	0.0000000024 J
HxCDDs (total)	Not Listed	ND(0.0000000039)	0.000000013
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000045)	0.0000000054 J
HpCDDs (total)	Not Listed	ND(0.0000000045)	0.0000000087
OCDD	Not Listed	0.0000000070 J	0.000000018 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000045	0.000000011
Inorganics-Unfiltered			
Antimony	Not Applicable	ND(0.0600)	ND(0.0600)
Arsenic	Not Applicable	ND(0.0100)	ND(0.0100)
Barium	Not Applicable	0.0160 B	0.0700 B
Beryllium	Not Applicable	ND(0.00100)	ND(0.00100)
Cadmium	Not Applicable	0.000710 B	ND(0.00500)
Chromium	Not Applicable	ND(0.0100)	ND(0.0100)
Cobalt	Not Applicable	ND(0.0500)	ND(0.0500)
Copper	Not Applicable	0.0130 B	0.00490 B
Cyanide	Not Applicable	ND(0.0100)	ND(0.0100)
Lead	Not Applicable	0.00220 B	ND(0.00300)
Mercury	Not Applicable	ND(0.000200)	ND(0.000200) **ND(0.0000200) [ND(0.0000200)]**
Nickel	Not Applicable	ND(0.0400)	ND(0.0400)
Selenium	Not Applicable	ND(0.00500)	ND(0.00500)
Silver	Not Applicable	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)
Thallium	Not Applicable	ND(0.0100)	ND(0.0100)
Vanadium	Not Applicable	0.00180 B	ND(0.0500)
Zinc	Not Applicable	0.0350	0.0220
Inorganics-Filtered			
Antimony	0.3	ND(0.0600)	0.0120 B
Arsenic	0.4	ND(0.0100)	ND(0.0100)
Barium	30	0.0170 B	0.0730 B
Beryllium	0.05	ND(0.00100)	ND(0.00100)
Cadmium	0.01	0.000590 B	ND(0.00500)
Chromium	2	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.0120 B	0.00340 B
Cyanide	0.01	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)
Mercury	0.001	ND(0.000200)	ND(0.000200) **ND(0.0000200) [ND(0.0000200)]**
Nickel	0.08	ND(0.0400)	ND(0.0400)
Selenium	0.08	NA	ND(0.00500)
Silver	0.007	ND(0.00500)	ND(0.00500)
Thallium	0.4	ND(0.0100)	ND(0.0100)
Vanadium	2	0.00340 B	0.00190 B
Zinc	0.9	0.0240	0.0170 B

TABLE 6
MCP METHOD 1 GW-3 STANDARDS COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. and Columbia Analytical Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in square brackets [ ].
6. PCBs-filtered results were greater than the PCBs-unfiltered results for samples 95-23, ES1-27R, ESA1S-33, ESA1S-139, GMA1-7, RF-04
7. and DUP-2 in the original analysis. PCBs-filtered samples were re-extracted and re-analyzed. The re-extracted PCBs-filtered sample results are presented in curly brackets { }.
8. Blind duplicate sample results analyzed by Columbia Analytical Services, Inc., are presented in bold font.
9. Shading indicates that value exceeds GW-3 Standards.
10. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, pesticides, herbicides, dioxin/furans)
- B - Analyte was also detected in the associated method blank.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.

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

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	20s Complex 95-23 04/04/03	30s Complex ES2-19 04/02/03	30s Complex GMA1-2 04/04/03	30s Complex GMA1-3 04/04/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Trichloroethene	100	0.0049 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	NA	NA	NA
Aroclor-1254	Not Listed	ND(0.000065)	NA	NA	NA
Aroclor-1260	Not Listed	ND(0.000065)	NA	NA	NA
Total PCBs	0.005	ND(0.000065)	NA	NA	NA
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065) {ND(0.000080)}	NA	NA	NA
Aroclor-1254	Not Listed	0.000098 {ND(0.000080)}	NA	NA	NA
Aroclor-1260	Not Listed	ND(0.000065) {ND(0.000080)}	NA	NA	NA
Total PCBs	0.005	0.000098 {ND(0.000080)}	NA	NA	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
2,4-Dimethylphenol	100	ND(0.010)	NA	NA	NA
2-Chlorophenol	100	ND(0.010)	NA	NA	NA
2-Methylnaphthalene	100	ND(0.010)	NA	NA	NA
2-Methylphenol	Not Listed	ND(0.010)	NA	NA	NA
Acenaphthene	50	ND(0.010)	NA	NA	NA
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	NA	NA	NA
Fluorene	30	ND(0.010)	NA	NA	NA
Naphthalene	60	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Pentachlorobenzene	Not Listed	ND(0.010)	NA	NA	NA
Phenol	100	ND(0.010)	NA	NA	NA
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000055)	NA	NA	NA
TCDFs (total)	Not Listed	ND(0.0000000055)	NA	NA	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000023) X	NA	NA	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025) X	NA	NA	NA
PeCDFs (total)	Not Listed	ND(0.0000000026)	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000030)	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000027)	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000034)	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000029)	NA	NA	NA
HxCDFs (total)	Not Listed	ND(0.0000000030)	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000049) X	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000033)	NA	NA	NA
HpCDFs (total)	Not Listed	ND(0.0000000030)	NA	NA	NA
OCDF	Not Listed	ND(0.0000000080)	NA	NA	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		20s Complex	30s Complex		
Sample ID:	UCL-GW	95-23	ES2-19	GMA1-2	GMA1-3
Parameter Date Collected:	Standards	04/04/03	04/02/03	04/04/03	04/04/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000048)	NA	NA	NA
TCDDs (total)	Not Listed	ND(0.0000000048)	NA	NA	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000037)	NA	NA	NA
PeCDDs (total)	Not Listed	ND(0.0000000037)	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000043)	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000043)	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000044)	NA	NA	NA
HxCDDs (total)	Not Listed	ND(0.0000000043)	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000059 J	NA	NA	NA
HpCDDs (total)	Not Listed	0.0000000059	NA	NA	NA
OCDD	Not Listed	ND(0.000000012) X	NA	NA	NA
Total TEQs (WHO TEFs)	0.000001	0.0000000066	NA	NA	NA
Inorganics-Unfiltered					
Antimony	3	0.0130 B	NA	NA	NA
Arsenic	4	0.00280 B	NA	NA	NA
Barium	100	0.0510 B	NA	NA	NA
Beryllium	0.5	ND(0.00100)	NA	NA	NA
Cadmium	0.1	0.000600 B	NA	NA	NA
Chromium	20	ND(0.0100)	NA	NA	NA
Cobalt	Not Listed	ND(0.0500)	NA	NA	NA
Copper	Not Listed	0.0720	NA	NA	NA
Cyanide	2	ND(0.0100)	NA	NA	NA
Lead	0.3	ND(0.00300)	NA	NA	NA
Mercury	0.02	ND(0.000200)	NA	NA	NA
Nickel	1	ND(0.0400)	NA	NA	NA
Selenium	0.8	0.00340 B	NA	NA	NA
Silver	0.4	0.00280 B	NA	NA	NA
Sulfide	Not Listed	ND(5.00)	NA	NA	NA
Thallium	4	ND(0.0100)	NA	NA	NA
Vanadium	20	0.00360 B	NA	NA	NA
Zinc	20	0.0370	NA	NA	NA
Inorganics-Filtered					
Antimony	3	0.0160 B	NA	NA	NA
Arsenic	4	0.00440 B	NA	NA	NA
Barium	100	0.0560 B	NA	NA	NA
Beryllium	0.5	0.000210 B	NA	NA	NA
Cadmium	0.1	0.000530 B	NA	NA	NA
Chromium	20	ND(0.0100)	NA	NA	NA
Cobalt	Not Listed	ND(0.0500)	NA	NA	NA
Copper	Not Listed	0.0800	NA	NA	NA
Cyanide	2	ND(0.0100)	NA	NA	NA
Lead	0.3	ND(0.00300)	NA	NA	NA
Mercury	0.02	ND(0.000200)	NA	NA	NA
Nickel	1	0.00270 B	NA	NA	NA
Selenium	0.8	ND(0.00500)	NA	NA	NA
Silver	0.4	ND(0.00500)	NA	NA	NA
Thallium	4	ND(0.0100)	NA	NA	NA
Vanadium	20	0.00300 B	NA	NA	NA
Zinc	20	0.0390	NA	NA	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	30s Complex			
		GMA1-12 04/07/03	RF-2 04/02/03	RF-03 04/03/03	RF-03D 04/07/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	0.020	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.0010)
Aroclor-1254	Not Listed	0.00011	0.00041	0.000092	0.0056
Aroclor-1260	Not Listed	0.00011	ND(0.000065)	ND(0.000065)	ND(0.0010)
Total PCBs	0.005	0.00022	0.00041	0.000092	0.0056
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000078	0.00030	ND(0.000065)	0.000048 J
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.000078	0.00030	ND(0.000065)	0.000048 J
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000039)	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000023)
TCDFs (total)	Not Listed	ND(0.0000000039)	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000023)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000019) X	0.0000000027 J	ND(0.0000000018) X	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000019) X	ND(0.0000000024)	0.0000000017 J
PeCDFs (total)	Not Listed	0.0000000015	0.0000000027	ND(0.0000000024)	0.0000000017
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000019) X	0.0000000028 J	ND(0.0000000024)	ND(0.0000000021) X
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000023) X	0.0000000023 J	ND(0.0000000024)	0.0000000013 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	0.0000000019 J	ND(0.0000000026)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000020) X	ND(0.0000000024)	ND(0.0000000017) X
HxCDFs (total)	Not Listed	0.0000000012	0.0000000070	ND(0.0000000024)	0.0000000013
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000044) X	0.0000000026 J	ND(0.0000000023) X	0.0000000029 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000030)	ND(0.0000000025)
HpCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000048	ND(0.0000000027)	0.0000000029
OCDF	Not Listed	0.0000000073 J	ND(0.0000000067)	ND(0.0000000084)	ND(0.0000000053) X

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	30s Complex			
		GMA1-12 04/07/03	RF-2 04/02/03	RF-03 04/03/03	RF-03D 04/07/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000033)	ND(0.0000000031)	ND(0.0000000025)	ND(0.0000000028)
TCDDs (total)	Not Listed	ND(0.0000000033)	ND(0.0000000031)	ND(0.0000000027)	ND(0.0000000028)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000015)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000036)	ND(0.0000000040)	ND(0.0000000037)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000037)	ND(0.0000000041)	ND(0.0000000038)	ND(0.0000000028)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000037)	ND(0.0000000038)	ND(0.0000000035)	ND(0.0000000023) X
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000038)	ND(0.0000000040)	ND(0.0000000037)	ND(0.0000000029)
HxCDDs (total)	Not Listed	ND(0.0000000038)	ND(0.0000000040)	ND(0.0000000043)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000052 J	0.0000000041 J	ND(0.0000000047) X	ND(0.0000000044) X
HpCDDs (total)	Not Listed	0.0000000052	0.0000000041	ND(0.0000000050)	ND(0.0000000034)
OCDD	Not Listed	ND(0.000000024) X	ND(0.000000014) X	0.000000016 J	ND(0.000000015) X
Total TEQs (WHO TEFs)	0.000001	0.0000000049	0.0000000054	0.0000000038	0.0000000046
Inorganics-Unfiltered					
Antimony	3	0.00490 B	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	0.00460 B	0.00750 B	ND(0.0100)
Barium	100	0.0870 B	0.0310 B	0.120 B	0.00820 B
Beryllium	0.5	0.000400 B	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	0.000800 B	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00510 B	ND(0.0250)	ND(0.0250)	0.00330 B
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200) **ND(0.0000200)**	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	0.00460 B	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	0.00120 B	ND(0.0500)	ND(0.0500)	0.00180 B
Zinc	20	0.0190 B	0.0660	0.0240	0.0130 B
Inorganics-Filtered					
Antimony	3	ND(0.0600)	0.00980 B	0.00850 B	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0890 B	0.0300 B	0.0860 B	0.00920 B
Beryllium	0.5	0.000710 B	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00390 B	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200) **ND(0.0000200)**	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	0.00190 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	20	0.00870 B	0.0120 B	0.00820 B	0.00510 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	30s Complex RF-16 04/08/03	40s Complex RF-04 04/04/03	East St. Area 1 - North ES1-14 04/02/03
Volatile Organics				
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform	100	0.026	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	50	0.0015 J	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
PCBs-Unfiltered				
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1254	Not Listed	0.000097	ND(0.000065) [ND(0.000065)]	0.00031
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs	0.005	0.000097	ND(0.000065) [ND(0.000065)]	0.00031
PCBs-Filtered				
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065) {ND(0.000080)} [ND(0.000065) {ND(0.000080)}]	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	0.000074 {ND(0.000080)} [0.00020 {ND(0.000080)}]	0.00041
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065) {ND(0.000080)} [ND(0.000065) {ND(0.000080)}]	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	0.000074 {ND(0.000080)} [0.00020 {ND(0.000080)}]	0.00041
Semivolatile Organics				
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060) [ND(0.0060)]	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Organochlorine Pesticides				
None Detected	--	NA	NA	NA
Organophosphate Pesticides				
None Detected	--	NA	NA	NA
Herbicides				
None Detected	--	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000026)	ND(0.0000000045) [ND(0.0000000058)]	ND(0.0000000015)
TCDFs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000045) [ND(0.0000000058)]	ND(0.0000000015)
1,2,3,7,8-PeCDF	Not Listed	0.0000000020 J	0.0000000036 J [ND(0.0000000034)]	0.0000000024 J
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000013) X	ND(0.0000000025) [ND(0.0000000033)]	0.0000000015 J
PeCDFs (total)	Not Listed	0.0000000020	0.0000000036 [ND(0.0000000034)]	0.0000000039
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000030) [ND(0.0000000031)]	0.0000000013 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000024 J [ND(0.0000000029)]	0.0000000016 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000034) [ND(0.0000000036)]	ND(0.0000000026)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000014) X	ND(0.0000000029) [ND(0.0000000031)]	ND(0.0000000025)
HxCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000024 [ND(0.0000000031)]	0.0000000016
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000027) X [ND(0.0000000032)]	ND(0.0000000021) X
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000037) [ND(0.0000000039)]	ND(0.0000000025)
HpCDFs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000033) [ND(0.0000000035)]	ND(0.0000000025)
OCDF	Not Listed	ND(0.0000000059)	ND(0.0000000065) X [ND(0.0000000099)]	ND(0.0000000067)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	30s Complex RF-16 04/08/03	40s Complex RF-04 04/04/03	East St. Area 1 - North ES1-14 04/02/03
Dioxins				
2,3,7,8-TCDD	0.0000001	ND(0.0000000027)	ND(0.0000000036) [ND(0.0000000045)]	ND(0.0000000018)
TCDDs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000036) [ND(0.0000000045)]	ND(0.0000000027)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000030) [ND(0.0000000045)]	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000030) [ND(0.0000000045)]	ND(0.0000000037)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000036)	ND(0.0000000044) [ND(0.0000000042)]	0.0000000022 J
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000035)	ND(0.0000000043) [ND(0.0000000042)]	0.0000000024 J
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000036)	ND(0.0000000044) [ND(0.0000000043)]	0.0000000020 J
HxCDDs (total)	Not Listed	ND(0.0000000036)	ND(0.0000000044) [ND(0.0000000048)]	0.0000000067
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000043)	0.0000000065 J [ND(0.0000000066)]	0.0000000049 J
HpCDDs (total)	Not Listed	ND(0.0000000043)	0.0000000065 [ND(0.0000000066)]	0.0000000049
OCDD	Not Listed	ND(0.0000000099) X	0.000000020 J [ND(0.000000017) X]	0.000000012 J
Total TEQs (WHO TEFs)	0.000001	0.0000000042	0.0000000058 [0.0000000070]	0.0000000044
Inorganics-Unfiltered				
Antimony	3	0.00430 B	0.0110 B [0.00920 B]	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100) [0.00490 B]	0.00460 B
Barium	100	0.0120 B	0.0100 B [0.0100 B]	0.0240 B
Beryllium	0.5	ND(0.00100)	ND(0.00100) [0.000200 B]	ND(0.00100)
Cadmium	0.1	ND(0.00500)	0.000790 B [0.000780 B]	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250) [ND(0.0250)]	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Selenium	0.8	ND(0.00500)	0.00290 B [ND(0.00500)]	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00) [8.00]	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Vanadium	20	0.00150 B	0.00400 B [0.00320 B]	ND(0.0500)
Zinc	20	0.0180 B	0.0140 B [0.0170 B]	0.0200
Inorganics-Filtered				
Antimony	3	0.00390 B	0.00970 B [0.0110 B]	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100) [0.00380 B]	ND(0.0100)
Barium	100	0.0130 B	0.0100 B [0.0100 B]	0.0270 B
Beryllium	0.5	ND(0.00100)	ND(0.00100) [ND(0.00100)]	0.000540 B
Cadmium	0.1	ND(0.00500)	0.000560 B [0.000720 B]	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250) [ND(0.0250)]	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)
Mercury	0.02	0.0000400 B	ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Selenium	0.8	0.00570	0.00310 B [0.00400 B]	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Vanadium	20	ND(0.0500)	0.00370 B [0.00330 B]	ND(0.0500)
Zinc	20	0.00690 B	ND(0.0200) [0.00220 B]	0.00790 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - North	East St. Area 1 - South		
Sample ID:	UCL-GW	ESA1N-52	37-R	ES1-23R	ESA1S-33
Parameter Date Collected:	Standards	04/03/03	04/03/03	06/27/03	04/01/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.00040	NA	ND(0.000065)	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.00040	NA	ND(0.000065)	ND(0.000065)
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065) {ND(0.000080)}
Aroclor-1254	Not Listed	ND(0.000065)	NA	ND(0.000065)	0.00039 {0.000080}
Aroclor-1260	Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065) {ND(0.000080)}
Total PCBs	0.005	ND(0.000065)	NA	ND(0.000065)	0.00039 {0.000080}
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	NA	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	NA	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	NA	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	NA	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	NA	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000014)	NA	ND(0.00000000071)	ND(0.0000000041) X
TCDFs (total)	Not Listed	ND(0.0000000014)	NA	ND(0.00000000071)	0.000000059
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000014) X	NA	ND(0.00000000055)	0.0000000035 J
2,3,4,7,8-PeCDF	Not Listed	0.0000000016 J	NA	ND(0.00000000058)	0.000000012 J
PeCDFs (total)	Not Listed	0.0000000044	NA	ND(0.00000000055)	0.00000019 IQ
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000046 J	NA	ND(0.00000000039)	0.000000015 J
1,2,3,6,7,8-HxCDF	Not Listed	0.0000000026 J	NA	ND(0.00000000039)	0.000000014 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000029)	NA	ND(0.00000000051)	ND(0.0000000045) X
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	NA	ND(0.00000000044)	0.000000030 J
HxCDFs (total)	Not Listed	0.0000000072	NA	ND(0.00000000039)	0.00000041
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000045 J	NA	ND(0.0000000036) X	0.00000013
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000036)	NA	ND(0.0000000014) X	0.000000013 J
HpCDFs (total)	Not Listed	0.0000000045	NA	ND(0.00000000036)	0.00000036
OCDF	Not Listed	ND(0.0000000095)	NA	0.000000020 B	0.00000038

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - North	East St. Area 1 - South		
Sample ID:	UCL-GW	ESA1N-52	37-R	ES1-23R	ESA1S-33
Parameter / Date Collected:	Standards	04/03/03	04/03/03	06/27/03	04/01/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000020)	NA	ND(0.00000000058)	ND(0.0000000021) X
TCDDs (total)	Not Listed	ND(0.0000000024)	NA	ND(0.00000000058)	ND(0.0000000024)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000034)	NA	ND(0.00000000055)	ND(0.0000000063) X
PeCDDs (total)	Not Listed	ND(0.0000000034)	NA	ND(0.00000000055)	0.000000010
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000065)	NA	ND(0.00000000048)	0.000000011 J
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000060)	NA	ND(0.00000000044)	0.000000022 J
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000064)	NA	ND(0.00000000044)	0.000000022 J
HxCDDs (total)	Not Listed	ND(0.0000000063)	NA	ND(0.00000000044)	0.00000016
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000034 J	NA	ND(0.0000000013) X	0.00000037
HpCDDs (total)	Not Listed	0.0000000034	NA	ND(0.00000000058)	0.00000065
OCDD	Not Listed	ND(0.000000012) X	NA	0.0000000096 B	0.0000021
Total TEQs (WHO TEFs)	0.000001	0.0000000056	NA	0.00000000095	0.000000028
Inorganics-Unfiltered					
Antimony	3	ND(0.0600)	NA	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	100	0.0140 B	NA	0.0520 B	0.160 B
Beryllium	0.5	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	NA	0.00220 B	0.00920 B
Cobalt	Not Listed	ND(0.0500)	NA	ND(0.0500)	0.00540 B
Copper	Not Listed	ND(0.0250)	NA	0.00310 B	0.0130 B
Cyanide	2	ND(0.0100)	NA	ND(0.0100)	0.0540
Lead	0.3	0.00320	NA	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	1	ND(0.0400)	NA	0.00290 B	0.00990 B
Selenium	0.8	ND(0.00500)	NA	0.00900	ND(0.00500)
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	NA	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	NA	ND(0.0500)	0.00420 B
Zinc	20	0.0150 B	NA	0.0220	0.0470
Inorganics-Filtered					
Antimony	3	ND(0.0600)	NA	0.0110 B	ND(0.0600)
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	100	0.0150 B	NA	0.0480 B	0.140 B
Beryllium	0.5	ND(0.00100)	NA	0.000710 B	0.000730 B
Cadmium	0.1	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	NA	0.00130 B	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	NA	0.00690 B	0.00450 B
Cyanide	2	ND(0.0100)	NA	ND(0.0100)	0.0500
Lead	0.3	ND(0.00300)	NA	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	1	ND(0.0400)	NA	0.00220 B	ND(0.0400)
Selenium	0.8	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	NA	0.00100 B	ND(0.00500)
Thallium	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	NA	0.00240 B	ND(0.0500)
Zinc	20	ND(0.0200)	NA	0.00300 B	0.0110 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 1 - South			East St. Area 2 - North
Sample ID:	UCL-GW	ESA1S-139	GMA1-6	GMA1-7	17A
Parameter Date Collected:	Standards	04/01/03	04/02/03	04/03/03	03/27/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	Not Listed	ND(0.000065)	0.00012	ND(0.000065)	NA
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	0.005	ND(0.000065)	0.00012	ND(0.000065)	NA
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065) {ND(0.000080)}	ND(0.000065)	ND(0.000065) {ND(0.00020)}	NA
Aroclor-1254	Not Listed	0.00028 {0.000090}	0.000050 J	0.000083 {ND(0.00020)}	NA
Aroclor-1260	Not Listed	ND(0.000065) {ND(0.000080)}	ND(0.000065)	ND(0.000065) {ND(0.00020)}	NA
Total PCBs	0.005	0.00028 {0.000090}	0.000050 J	0.000083 {ND(0.00020)}	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	NA
2-Chlorophenol	100	ND(0.010)	ND(0.010)	ND(0.010)	NA
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	ND(0.010)	NA
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	NA
Acenaphthene	50	ND(0.010)	ND(0.010)	ND(0.010)	NA
bis(2-Ethylhexyl)phthalate	100	0.0039 J	ND(0.0060)	ND(0.0060)	NA
Fluorene	30	ND(0.010)	ND(0.010)	ND(0.010)	NA
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	NA
Phenol	100	ND(0.010)	ND(0.010)	ND(0.010)	NA
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000020)	ND(0.0000000015)	ND(0.0000000052)	NA
TCDFs (total)	Not Listed	ND(0.0000000020)	ND(0.0000000015)	ND(0.0000000052)	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000012) X	0.0000000020 J	0.0000000025 J	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.00000000099) X	ND(0.0000000013) X	ND(0.0000000025)	NA
PeCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000020	0.0000000025	NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000012 J	ND(0.0000000033)	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000023 J	0.0000000037 J	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000036)	ND(0.0000000038)	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000031)	ND(0.0000000033)	NA
HxCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000023	0.0000000037	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	0.0000000025 J	0.0000000043 J	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000030)	ND(0.0000000049)	NA
HpCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000025	0.0000000043	NA
OCDF	Not Listed	ND(0.0000000071)	ND(0.0000000083)	ND(0.0000000010)	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Site ID: / Sample ID: / Date Collected:	UCL-GW Standards	East St. Area 1 - South ESA1S-139 04/01/03	East St. Area 1 - South GMA1-6 04/02/03	East St. Area 1 - South GMA1-7 04/03/03	East St. Area 2 - North 17A 03/27/03
Dioxins						
2,3,7,8-TCDD		0.0000001	ND(0.0000000025)	ND(0.0000000018)	ND(0.0000000043)	NA
TCDDs (total)		Not Listed	ND(0.0000000025)	ND(0.0000000031)	ND(0.0000000043)	NA
1,2,3,7,8-PeCDD		Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000047)	NA
PeCDDs (total)		Not Listed	ND(0.0000000038)	ND(0.0000000040)	ND(0.0000000047)	NA
1,2,3,4,7,8-HxCDD		Not Listed	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000042)	NA
1,2,3,6,7,8-HxCDD		Not Listed	ND(0.0000000040)	ND(0.0000000049)	ND(0.0000000041)	NA
1,2,3,7,8,9-HxCDD		Not Listed	ND(0.0000000043)	ND(0.0000000052)	0.0000000033 J	NA
HxCDDs (total)		Not Listed	ND(0.0000000042)	ND(0.0000000052)	0.0000000033	NA
1,2,3,4,6,7,8-HpCDD		Not Listed	ND(0.0000000030)	ND(0.0000000042) X	ND(0.0000000055)	NA
HpCDDs (total)		Not Listed	ND(0.0000000030)	ND(0.0000000040)	ND(0.0000000055)	NA
OCDD		Not Listed	0.0000000067 J	ND(0.000000015) X	0.000000017 J	NA
Total TEQs (WHO TEFs)		0.000001	0.0000000041	0.0000000042	0.0000000072	NA
Inorganics-Unfiltered						
Antimony		3	0.0100 B	0.00950 B	0.0110 B	NA
Arsenic		4	ND(0.0100)	0.0130	ND(0.0100)	NA
Barium		100	0.0140 B	0.0800 B	0.0270 B	NA
Beryllium		0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	NA
Cadmium		0.1	ND(0.00500)	0.00120 B	0.000390 B	NA
Chromium		20	0.00340 B	ND(0.0100)	ND(0.0100)	NA
Cobalt		Not Listed	0.00480 B	0.00330 B	ND(0.0500)	NA
Copper		Not Listed	0.00470 B	ND(0.0250)	ND(0.0250)	NA
Cyanide		2	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Lead		0.3	0.0100	ND(0.00300)	ND(0.00300)	NA
Mercury		0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	NA
Nickel		1	ND(0.0400)	ND(0.0400)	ND(0.0400)	NA
Selenium		0.8	ND(0.00500)	ND(0.00500)	0.00530	NA
Silver		0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Sulfide		Not Listed	ND(5.00)	ND(5.00)	6.00	NA
Thallium		4	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Vanadium		20	ND(0.0500)	0.00380 B	0.00370 B	NA
Zinc		20	0.0210	0.0130 B	0.0170 B	NA
Inorganics-Filtered						
Antimony		3	ND(0.0600)	ND(0.0600)	0.00770 B	NA
Arsenic		4	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Barium		100	0.0110 B	0.0580 B	0.0280 B	NA
Beryllium		0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	NA
Cadmium		0.1	ND(0.00500)	ND(0.00500)	0.000350 B	NA
Chromium		20	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Cobalt		Not Listed	ND(0.0500)	0.00290 B	ND(0.0500)	NA
Copper		Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	NA
Cyanide		2	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Lead		0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	NA
Mercury		0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	NA
Nickel		1	ND(0.0400)	ND(0.0400)	ND(0.0400)	NA
Selenium		0.8	ND(0.00500)	ND(0.00500)	0.00190 B	NA
Silver		0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Thallium		4	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Vanadium		20	ND(0.0500)	ND(0.0500)	0.00270 B	NA
Zinc		20	0.00600 B	ND(0.0200)	0.00130 B	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North			
Sample ID:	UCL-GW	95-20	A7	ES1-05	ES1-10
Parameter Date Collected:	Standards	03/25/03	03/27/03	04/02/03	03/27/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	0.0043 J	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	0.0056	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	0.038	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	0.033	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	0.0045	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	NA	NA	ND(0.000065)	NA
Aroclor-1254	Not Listed	NA	NA	0.00077	NA
Aroclor-1260	Not Listed	NA	NA	ND(0.000065)	NA
Total PCBs	0.005	NA	NA	0.00077	NA
PCBs-Filtered					
Aroclor-1242	Not Listed	NA	NA	ND(0.000065)	NA
Aroclor-1254	Not Listed	NA	NA	0.00067	NA
Aroclor-1260	Not Listed	NA	NA	ND(0.000065)	NA
Total PCBs	0.005	NA	NA	0.00067	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.0050)	ND(0.0050)	0.0057 J	ND(0.0050)
1,2-Dichlorobenzene	100	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.0050)
1,3-Dichlorobenzene	100	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.0050)
1,4-Dichlorobenzene	100	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.0050)
2,4-Dimethylphenol	100	NA	NA	ND(0.010)	NA
2-Chlorophenol	100	NA	NA	ND(0.010)	NA
2-Methylnaphthalene	100	NA	NA	ND(0.010)	NA
2-Methylphenol	Not Listed	NA	NA	ND(0.010)	NA
Acenaphthene	50	NA	NA	ND(0.010)	NA
bis(2-Ethylhexyl)phthalate	100	NA	NA	ND(0.0060)	NA
Fluorene	30	NA	NA	ND(0.010)	NA
Naphthalene	60	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.0050)
Pentachlorobenzene	Not Listed	NA	NA	ND(0.010)	NA
Phenol	100	NA	NA	ND(0.010)	NA
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	NA	NA	0.0000000025 J	NA
TCDFs (total)	Not Listed	NA	NA	0.0000000025	NA
1,2,3,7,8-PeCDF	Not Listed	NA	NA	0.0000000027 J	NA
2,3,4,7,8-PeCDF	Not Listed	NA	NA	0.0000000037 J	NA
PeCDFs (total)	Not Listed	NA	NA	0.000000013	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	0.0000000066 J	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	0.0000000034 J	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	ND(0.0000000025)	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	ND(0.0000000035) X	NA
HxCDFs (total)	Not Listed	NA	NA	0.000000027	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	0.000000013 J	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	0.0000000023 J	NA
HpCDFs (total)	Not Listed	NA	NA	0.000000017	NA
OCDF	Not Listed	NA	NA	ND(0.000000015) X	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North			
Sample ID:	UCL-GW	95-20	A7	ES1-05	ES1-10
Parameter Date Collected:	Standards	03/25/03	03/27/03	04/02/03	03/27/03
Dioxins					
2,3,7,8-TCDD	0.0000001	NA	NA	ND(0.0000000030)	NA
TCDDs (total)	Not Listed	NA	NA	ND(0.0000000030)	NA
1,2,3,7,8-PeCDD	Not Listed	NA	NA	ND(0.0000000017) X	NA
PeCDDs (total)	Not Listed	NA	NA	ND(0.0000000040)	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	ND(0.0000000038)	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	ND(0.0000000035)	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	ND(0.0000000037)	NA
HxCDDs (total)	Not Listed	NA	NA	ND(0.0000000042)	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	0.0000000064 J	NA
HpCDDs (total)	Not Listed	NA	NA	0.000000013	NA
OCDD	Not Listed	NA	NA	0.000000026 J	NA
Total TEQs (WHO TEFs)	0.000001	NA	NA	0.0000000067	NA
Inorganics-Unfiltered					
Antimony	3	NA	NA	0.0140 B	NA
Arsenic	4	NA	NA	ND(0.0100)	NA
Barium	100	NA	NA	0.0510 B	NA
Beryllium	0.5	NA	NA	ND(0.00100)	NA
Cadmium	0.1	NA	NA	ND(0.00500)	NA
Chromium	20	NA	NA	ND(0.0100)	NA
Cobalt	Not Listed	NA	NA	ND(0.0500)	NA
Copper	Not Listed	NA	NA	0.00440 B	NA
Cyanide	2	NA	NA	ND(0.0100)	NA
Lead	0.3	NA	NA	0.00240 B	NA
Mercury	0.02	NA	NA	ND(0.000200) **ND(0.0000200)**	NA
Nickel	1	NA	NA	ND(0.0400)	NA
Selenium	0.8	NA	NA	ND(0.00500)	NA
Silver	0.4	NA	NA	ND(0.00500)	NA
Sulfide	Not Listed	NA	NA	ND(5.00)	NA
Thallium	4	NA	NA	ND(0.0100)	NA
Vanadium	20	NA	NA	ND(0.0500)	NA
Zinc	20	NA	NA	0.130	NA
Inorganics-Filtered					
Antimony	3	NA	NA	0.0110 B	NA
Arsenic	4	NA	NA	0.00840 B	NA
Barium	100	NA	NA	0.0470 B	NA
Beryllium	0.5	NA	NA	ND(0.00100)	NA
Cadmium	0.1	NA	NA	ND(0.00500)	NA
Chromium	20	NA	NA	ND(0.0100)	NA
Cobalt	Not Listed	NA	NA	ND(0.0500)	NA
Copper	Not Listed	NA	NA	ND(0.0250)	NA
Cyanide	2	NA	NA	ND(0.0100)	NA
Lead	0.3	NA	NA	ND(0.00300)	NA
Mercury	0.02	NA	NA	ND(0.000200) **0.0000200 B**	NA
Nickel	1	NA	NA	ND(0.0400)	NA
Selenium	0.8	NA	NA	ND(0.00500)	NA
Silver	0.4	NA	NA	ND(0.00500)	NA
Thallium	4	NA	NA	ND(0.0100)	NA
Vanadium	20	NA	NA	0.00430 B	NA
Zinc	20	NA	NA	0.0270	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - North ES1-18 04/01/03	ES1-20 03/31/03	ES1-27R 04/01/03	F-1 03/27/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	NA	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	Not Listed	NA	ND(0.000065)	0.00041	NA
Aroclor-1260	Not Listed	NA	ND(0.000065)	0.00017	NA
Total PCBs	0.005	NA	ND(0.000065)	0.00058	NA
PCBs-Filtered					
Aroclor-1242	Not Listed	NA	ND(0.000065)	ND(0.000065) (ND(0.000080))	NA
Aroclor-1254	Not Listed	NA	ND(0.000065)	0.00091 (0.00041)	NA
Aroclor-1260	Not Listed	NA	ND(0.000065)	ND(0.000065) (0.00010)	NA
Total PCBs	0.005	NA	ND(0.000065)	0.00091 (0.00051)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)
1,2-Dichlorobenzene	100	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)
1,3-Dichlorobenzene	100	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)
1,4-Dichlorobenzene	100	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)
2,4-Dimethylphenol	100	NA	ND(0.010)	ND(0.010)	NA
2-Chlorophenol	100	NA	ND(0.010)	ND(0.010)	NA
2-Methylnaphthalene	100	NA	ND(0.010)	ND(0.010)	NA
2-Methylphenol	Not Listed	NA	ND(0.010)	ND(0.010)	NA
Acenaphthene	50	NA	ND(0.010)	ND(0.010)	NA
bis(2-Ethylhexyl)phthalate	100	NA	0.0050 J	0.0043 J	NA
Fluorene	30	NA	ND(0.010)	ND(0.010)	NA
Naphthalene	60	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)
Pentachlorobenzene	Not Listed	NA	ND(0.010)	ND(0.010)	NA
Phenol	100	NA	ND(0.010)	ND(0.010)	NA
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	NA	ND(0.0000000018)	0.0000000013 J	NA
TCDFs (total)	Not Listed	NA	ND(0.0000000018)	0.0000000013	NA
1,2,3,7,8-PeCDF	Not Listed	NA	0.0000000019 J	0.0000000018 J	NA
2,3,4,7,8-PeCDF	Not Listed	NA	ND(0.0000000026)	ND(0.0000000016) X	NA
PeCDFs (total)	Not Listed	NA	0.0000000019	0.0000000018	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	ND(0.0000000026)	ND(0.0000000017) X	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000015) X	0.0000000018 J	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	ND(0.0000000026)	ND(0.0000000025)	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000026)	ND(0.0000000025)	NA
HxCDFs (total)	Not Listed	NA	ND(0.0000000026)	0.0000000018	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	ND(0.0000000034)	ND(0.0000000025)	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	ND(0.0000000041)	ND(0.0000000030)	NA
HpCDFs (total)	Not Listed	NA	ND(0.0000000037)	ND(0.0000000027)	NA
OCDF	Not Listed	NA	ND(0.0000000084)	ND(0.0000000052) X	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - North ES1-18 04/01/03	ES1-20 03/31/03	ES1-27R 04/01/03	F-1 03/27/03
Dioxins					
2,3,7,8-TCDD	0.0000001	NA	ND(0.0000000024)	ND(0.0000000015)	NA
TCDDs (total)	Not Listed	NA	ND(0.0000000045)	ND(0.0000000033)	NA
1,2,3,7,8-PeCDD	Not Listed	NA	ND(0.0000000026)	ND(0.0000000025)	NA
PeCDDs (total)	Not Listed	NA	ND(0.0000000045)	ND(0.0000000036)	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	ND(0.0000000029)	ND(0.0000000033)	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	ND(0.0000000026)	ND(0.0000000030)	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	0.0000000021 J	ND(0.0000000032)	NA
HxCDDs (total)	Not Listed	NA	0.0000000021	ND(0.0000000033)	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	0.0000000047 J	ND(0.0000000038)	NA
HpCDDs (total)	Not Listed	NA	0.0000000047	ND(0.0000000038)	NA
OCDD	Not Listed	NA	0.000000011 J	0.0000000099 J	NA
Total TEQs (WHO TEFs)	0.000001	NA	0.0000000044	0.0000000037	NA
Inorganics-Unfiltered					
Antimony	3	NA	ND(0.0600)	ND(0.0600)	NA
Arsenic	4	NA	ND(0.0100)	ND(0.0100)	NA
Barium	100	NA	0.0190 B	0.00840 B	NA
Beryllium	0.5	NA	ND(0.00100)	ND(0.00100)	NA
Cadmium	0.1	NA	ND(0.00500)	ND(0.00500)	NA
Chromium	20	NA	ND(0.0100)	0.00290 B	NA
Cobalt	Not Listed	NA	ND(0.0500)	ND(0.0500)	NA
Copper	Not Listed	NA	ND(0.0250)	ND(0.0250)	NA
Cyanide	2	NA	ND(0.0100)	ND(0.0100)	NA
Lead	0.3	NA	ND(0.00300)	ND(0.00300)	NA
Mercury	0.02	NA	ND(0.000200)	ND(0.000200)	NA
Nickel	1	NA	ND(0.0400)	ND(0.0400)	NA
Selenium	0.8	NA	ND(0.00500)	ND(0.00500)	NA
Silver	0.4	NA	ND(0.00500)	ND(0.00500)	NA
Sulfide	Not Listed	NA	ND(5.00)	ND(5.00)	NA
Thallium	4	NA	ND(0.0100)	ND(0.0100)	NA
Vanadium	20	NA	ND(0.0500)	ND(0.0500)	NA
Zinc	20	NA	0.0130 B	0.0190 B	NA
Inorganics-Filtered					
Antimony	3	NA	ND(0.0600)	0.00980 B	NA
Arsenic	4	NA	ND(0.0100)	ND(0.0100)	NA
Barium	100	NA	0.0210 B	0.00880 B	NA
Beryllium	0.5	NA	ND(0.00100)	ND(0.00100)	NA
Cadmium	0.1	NA	ND(0.00500)	ND(0.00500)	NA
Chromium	20	NA	ND(0.0100)	ND(0.0100)	NA
Cobalt	Not Listed	NA	ND(0.0500)	ND(0.0500)	NA
Copper	Not Listed	NA	ND(0.0250)	ND(0.0250)	NA
Cyanide	2	NA	ND(0.0100)	ND(0.0100)	NA
Lead	0.3	NA	ND(0.00300)	ND(0.00300)	NA
Mercury	0.02	NA	ND(0.000200)	ND(0.000200)	NA
Nickel	1	NA	ND(0.0400)	ND(0.0400)	NA
Selenium	0.8	NA	0.00480 B	ND(0.00500)	NA
Silver	0.4	NA	ND(0.00500)	ND(0.00500)	NA
Thallium	4	NA	0.00930 B	ND(0.0100)	NA
Vanadium	20	NA	ND(0.0500)	ND(0.0500)	NA
Zinc	20	NA	0.0110 B	0.00600 B	NA

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - North GMA1-4 03/28/03	East St. Area 2 - North GMA1-11 03/27/03	East St. Area 2 - South 3-6C-EB-14 04/15/03
Volatile Organics				
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	0.00090 J [0.0010 J]
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	0.0019 J [0.0020 J]
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
2-Butanone	100	ND(0.010)	ND(0.010)	0.022 [0.027]
Acetone	100	ND(0.010)	ND(0.010)	0.054 [0.061]
Benzene	70	ND(0.0050)	ND(0.0050)	0.0018 J [0.0017 J]
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	0.48 [0.47]
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform	100	ND(0.0050)	0.0040 J	ND(0.0050) [ND(0.0050)]
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
PCBs-Unfiltered				
Aroclor-1242	Not Listed	NA	ND(0.000065)	ND(0.00025) [ND(0.000065)]
Aroclor-1254	Not Listed	NA	0.000098	0.0013 [0.00032]
Aroclor-1260	Not Listed	NA	ND(0.000065)	0.00054 [0.00011]
Total PCBs	0.005	NA	0.000098	0.00184 [0.00043]
PCBs-Filtered				
Aroclor-1242	Not Listed	NA	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1254	Not Listed	NA	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1260	Not Listed	NA	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	0.005	NA	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Semivolatile Organics				
1,2,4-Trichlorobenzene	100	ND(0.0050)	ND(0.010)	0.051 [0.083]
1,2-Dichlorobenzene	100	ND(0.0050)	ND(0.010)	0.062 [0.097]
1,3-Dichlorobenzene	100	ND(0.0050)	ND(0.010)	0.35 [0.56]
1,4-Dichlorobenzene	100	ND(0.0050)	ND(0.010)	2.4 [4.0]
2,4-Dimethylphenol	100	NA	ND(0.010)	ND(0.010) [ND(0.010)]
2-Chlorophenol	100	NA	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylnaphthalene	100	NA	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylphenol	Not Listed	NA	ND(0.010)	ND(0.010) [ND(0.010)]
Acenaphthene	50	NA	ND(0.010)	0.0081 J [0.013]
bis(2-Ethylhexyl)phthalate	100	NA	ND(0.0060)	ND(0.0060) [ND(0.0060)]
Fluorene	30	NA	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene	60	ND(0.0050)	ND(0.010)	ND(0.010) [ND(0.010)]
Pentachlorobenzene	Not Listed	NA	ND(0.010)	ND(0.010) [ND(0.010)]
Phenol	100	NA	ND(0.010)	ND(0.010) [ND(0.010)]
Organochlorine Pesticides				
None Detected	–	NA	NA	NA
Organophosphate Pesticides				
None Detected	–	NA	NA	NA
Herbicides				
None Detected	–	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	NA	ND(0.0000000015)	ND(0.0000000024) X [ND(0.0000000025)]
TCDFs (total)	Not Listed	NA	ND(0.0000000015)	ND(0.0000000026) [ND(0.0000000025)]
1,2,3,7,8-PeCDF	Not Listed	NA	ND(0.0000000017) X	ND(0.0000000025) [ND(0.0000000025)]
2,3,4,7,8-PeCDF	Not Listed	NA	ND(0.0000000019) X	ND(0.0000000018) X [0.0000000014 J]
PeCDFs (total)	Not Listed	NA	0.0000000028	ND(0.0000000025) [0.0000000027]
1,2,3,4,7,8-HxCDF	Not Listed	NA	ND(0.0000000019) X	0.0000000014 J [ND(0.0000000025)]
1,2,3,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000016) X	ND(0.0000000025) [ND(0.0000000025)]
1,2,3,7,8,9-HxCDF	Not Listed	NA	0.0000000014 J	ND(0.0000000025) [ND(0.0000000025)]
2,3,4,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000013) X	ND(0.0000000025) [ND(0.0000000025)]
HxCDFs (total)	Not Listed	NA	0.0000000014	0.0000000027 [ND(0.0000000025)]
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	ND(0.0000000033) X	ND(0.0000000020) X [ND(0.0000000025)]
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	0.0000000016 J	ND(0.0000000026) [ND(0.0000000031)]
HpCDFs (total)	Not Listed	NA	0.0000000016	ND(0.0000000025) [ND(0.0000000028)]
OCDF	Not Listed	NA	ND(0.0000000051) X	ND(0.0000000072) [0.0000000029 J]

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North		East St. Area 2 - South
Sample ID:	UCL-GW	GMA1-4	GMA1-11	3-6C-EB-14
Parameter Date Collected:	Standards	03/28/03	03/27/03	04/15/03
Dioxins				
2,3,7,8-TCDD	0.0000001	NA	ND(0.0000000014)	ND(0.0000000019) [ND(0.0000000020)]
TCDDs (total)	Not Listed	NA	ND(0.0000000018)	ND(0.0000000019) [ND(0.0000000020)]
1,2,3,7,8-PeCDD	Not Listed	NA	ND(0.0000000021) X	ND(0.0000000025) [ND(0.0000000025)]
PeCDDs (total)	Not Listed	NA	ND(0.0000000025)	ND(0.0000000025) [ND(0.0000000031)]
1,2,3,4,7,8-HxCDD	Not Listed	NA	0.0000000017 J	ND(0.0000000040) [ND(0.0000000041)]
1,2,3,6,7,8-HxCDD	Not Listed	NA	ND(0.0000000026) X	ND(0.0000000040) [ND(0.0000000040)]
1,2,3,7,8,9-HxCDD	Not Listed	NA	0.0000000024 J	ND(0.0000000041) [ND(0.0000000042)]
HxCDDs (total)	Not Listed	NA	0.0000000041	ND(0.0000000041) [ND(0.0000000041)]
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	0.0000000040 J	ND(0.0000000022) X [ND(0.0000000043)]
HpCDDs (total)	Not Listed	NA	0.0000000040	ND(0.0000000037) [ND(0.0000000043)]
OCDD	Not Listed	NA	ND(0.0000000086) X	ND(0.0000000094) X [ND(0.0000000063) X]
Total TEQs (WHO TEFs)	0.000001	NA	0.0000000033	0.0000000040 [0.0000000043]
Inorganics-Unfiltered				
Antimony	3	NA	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	4	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	100	NA	0.150 B	0.160 B [0.150 B]
Beryllium	0.5	NA	ND(0.00100)	ND(0.00100) [0.000360 B]
Cadmium	0.1	NA	ND(0.00500)	0.000540 B [0.000610 B]
Chromium	20	NA	0.00280 B	ND(0.0100) [ND(0.0100)]
Cobalt	Not Listed	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Copper	Not Listed	NA	0.00750 B	0.00330 B [ND(0.0250)]
Cyanide	2	NA	ND(0.0100)	ND(0.0100) [0.00220 B]
Lead	0.3	NA	ND(0.00300)	ND(0.00300) [ND(0.00300)]
Mercury	0.02	NA	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	1	NA	ND(0.0400)	ND(0.0400) [0.00300 B]
Selenium	0.8	NA	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Silver	0.4	NA	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Sulfide	Not Listed	NA	6.40	ND(5.00) [ND(5.00)]
Thallium	4	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Vanadium	20	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	20	NA	0.0130 B	0.0310 [0.0160 B]
Inorganics-Filtered				
Antimony	3	NA	0.00810 B	ND(0.0600) [ND(0.0600)]
Arsenic	4	NA	ND(0.100)	0.00540 B [ND(0.0100)]
Barium	100	NA	0.150 B	0.170 B [0.160 B]
Beryllium	0.5	NA	ND(0.00100)	ND(0.00100) [ND(0.00100)]
Cadmium	0.1	NA	ND(0.0100)	0.000750 B [ND(0.00500)]
Chromium	20	NA	ND(0.0250)	ND(0.0100) [ND(0.0100)]
Cobalt	Not Listed	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Copper	Not Listed	NA	0.00690 B	ND(0.0250) [ND(0.0250)]
Cyanide	2	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	0.3	NA	ND(0.00300)	ND(0.00300) [ND(0.00300)]
Mercury	0.02	NA	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	1	NA	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Selenium	0.8	NA	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Silver	0.4	NA	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Thallium	4	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Vanadium	20	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	20	NA	0.00850 B	0.00280 B [0.00220 B]

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - South			
		3-6C-EB-29 04/11/03	95-25 04/08/03	E2SC-23 04/08/03	E2SC-24 04/09/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	0.0093 J	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	0.027	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0040 J
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0069
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0014 J
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.00025)	NA	ND(0.00025)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.00025)	NA	0.0025	0.0012
Aroclor-1260	Not Listed	0.0015	NA	0.00063	ND(0.000065)
Total PCBs	0.005	0.0015	NA	0.00313	0.0012
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	NA	0.00025	0.00028
Aroclor-1260	Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	NA	0.00025	0.00028
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	0.084	ND(0.0050)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.0050)	ND(0.010)	0.0030 J
1,4-Dichlorobenzene	100	0.0088 J	ND(0.0050)	ND(0.010)	0.0076 J
2,4-Dimethylphenol	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	NA	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	NA	ND(0.010)	0.0047 J
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	NA	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	NA	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	0.021	NA	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	NA	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000030)	NA	ND(0.0000000030)	ND(0.0000000030)
TCDFs (total)	Not Listed	0.0000000030	NA	ND(0.0000000030)	ND(0.0000000030)
1,2,3,7,8-PeCDF	Not Listed	0.0000000025 J	NA	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000037) X	NA	0.0000000019 J	ND(0.0000000013) X
PeCDFs (total)	Not Listed	0.0000000095	NA	0.0000000063	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	Not Listed	0.000000010 J	NA	ND(0.0000000025) X	ND(0.0000000027)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000033) X	NA	ND(0.0000000019) X	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000026)	NA	ND(0.0000000025)	ND(0.0000000031)
2,3,4,6,7,8-HxCDF	Not Listed	0.0000000027 J	NA	ND(0.0000000025)	ND(0.0000000026)
HxCDFs (total)	Not Listed	0.000000021	NA	ND(0.0000000025)	ND(0.0000000027)
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000090 J	NA	ND(0.0000000036) X	0.0000000027 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000030)	NA	ND(0.0000000027)	ND(0.0000000036)
HpCDFs (total)	Not Listed	0.000000022	NA	0.0000000026	0.0000000027
OCDF	Not Listed	0.000000028 J	NA	0.0000000071 J	ND(0.0000000064)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - South			
		3-6C-EB-29 04/11/03	95-25 04/08/03	E2SC-23 04/08/03	E2SC-24 04/09/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000028)	NA	ND(0.0000000030)	ND(0.0000000026)
TCDDs (total)	Not Listed	ND(0.0000000028)	NA	ND(0.0000000030)	ND(0.0000000026)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	NA	ND(0.0000000028)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000025)	NA	ND(0.0000000028)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000037)	NA	ND(0.0000000042)	ND(0.0000000042)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000037)	NA	ND(0.0000000042)	ND(0.0000000042)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000038)	NA	ND(0.0000000043)	ND(0.0000000043)
HxCDDs (total)	Not Listed	ND(0.0000000038)	NA	ND(0.0000000046)	ND(0.0000000043)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000034) X	NA	ND(0.0000000040) X	ND(0.0000000045)
HpCDDs (total)	Not Listed	ND(0.0000000032)	NA	ND(0.0000000045)	ND(0.0000000045)
OCDD	Not Listed	0.000000017 J	NA	0.000000020 J	0.000000017 J
Total TEQs (WHO TEFs)	0.000001	0.0000000061	NA	0.0000000052	0.0000000043
Inorganics-Unfiltered					
Antimony	3	ND(0.0600)	NA	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	100	0.0600 B	NA	0.00310 B	0.0790 B
Beryllium	0.5	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	NA	ND(0.0250)	ND(0.0250)
Cyanide	2	ND(0.0100)	NA	ND(0.0100)	0.0130
Lead	0.3	ND(0.00300)	NA	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	1	0.00300 B	NA	ND(0.0400)	0.00260 B
Selenium	0.8	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	NA	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	NA	ND(0.0100)	0.00860 B
Vanadium	20	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc	20	0.0210	NA	0.0180 B	0.0340
Inorganics-Filtered					
Antimony	3	ND(0.0600)	NA	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	100	0.0650 B	NA	0.00330 B	0.0740 B
Beryllium	0.5	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	NA	ND(0.0500)	0.00170 B
Copper	Not Listed	ND(0.0250)	NA	ND(0.0250)	ND(0.0250)
Cyanide	2	ND(0.0100)	NA	ND(0.0100)	0.0140
Lead	0.3	ND(0.00300)	NA	0.0150	ND(0.00300)
Mercury	0.02	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	1	0.00290 B	NA	ND(0.0400)	0.00340 B
Selenium	0.8	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc	20	0.00710 B	NA	0.00140 B	0.0160 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - South ES2-02A 04/14/03	ES2-05 04/08/03	ES2-08 04/14/03	ESA2S-52 04/08/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
2-Butanone	100	0.0050 J	ND(0.010)	ND(0.010)	ND(0.10)
Acetone	100	0.013	ND(0.010)	0.026	ND(0.10)
Benzene	70	0.0047 J	ND(0.0050)	ND(0.0050)	0.062 J
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
Chlorobenzene	10	0.13	ND(0.0050)	ND(0.0050)	5.2
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.27
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.10)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.10)
Trichloroethene	100	ND(0.0050)	0.0044 J	ND(0.0050)	ND(0.10)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.10)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.10)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.0050
Aroclor-1254	Not Listed	0.00012	0.00025	0.0011	ND(0.00050)
Aroclor-1260	Not Listed	0.000066	ND(0.000065)	0.00022	0.00053
Total PCBs	0.005	0.000186	0.00025	0.00132	0.00553
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.0049
Aroclor-1254	Not Listed	0.000078	0.000033 J	ND(0.000065)	ND(0.00050)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.00050)
Total PCBs	0.005	0.000078	0.000033 J	ND(0.000065)	0.0049
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	0.0066 J	ND(0.010)	ND(0.010)	0.0052 J
1,4-Dichlorobenzene	100	0.0055 J	ND(0.010)	ND(0.010)	0.016
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	ND(0.010)	0.024
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	60	0.0033 J	ND(0.010)	ND(0.010)	0.0032 J
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000033) X	ND(0.0000000033)	ND(0.0000000028) X	ND(0.0000000061) X
TCDFs (total)	Not Listed	0.00000011	ND(0.0000000033)	0.0000000030	0.000000031
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000017) X	ND(0.0000000026) X
2,3,4,7,8-PeCDF	Not Listed	0.0000000069 J	0.0000000028 J	0.0000000021 J	ND(0.0000000087) X
PeCDFs (total)	Not Listed	0.00000012	0.000000013	0.000000014	0.000000054
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000048) X	0.0000000034 J	ND(0.0000000041)	0.000000012 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000066)	ND(0.0000000025)	ND(0.0000000036)	ND(0.0000000045) X
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000088)	ND(0.0000000025)	ND(0.0000000048)	ND(0.0000000030)
2,3,4,6,7,8-HxCDF	Not Listed	0.0000000065 J	ND(0.0000000025)	ND(0.0000000040)	0.0000000063 J
HxCDFs (total)	Not Listed	0.000000063	0.000000011	ND(0.0000000041)	0.000000083
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000082) X	0.0000000046 J	ND(0.0000000056)	0.000000017 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000051)	ND(0.0000000032)	ND(0.0000000075)	0.0000000061 J
HpCDFs (total)	Not Listed	0.0000000098	0.0000000087	ND(0.0000000064)	0.000000042
OCDF	Not Listed	ND(0.000000014)	ND(0.0000000067) X	ND(0.000000015)	0.000000025 J

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - South			
		ES2-02A 04/14/03	ES2-05 04/08/03	ES2-08 04/14/03	ESA2S-52 04/08/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000029)	ND(0.0000000033)	ND(0.0000000031)	ND(0.0000000030)
TCDDs (total)	Not Listed	ND(0.0000000029)	ND(0.0000000033)	ND(0.0000000031)	ND(0.0000000030)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000031)	ND(0.0000000026)	ND(0.0000000029)	ND(0.0000000063) X
PeCDDs (total)	Not Listed	ND(0.0000000047)	ND(0.0000000028)	ND(0.0000000045)	0.0000000029
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000088)	ND(0.0000000034)	ND(0.0000000085)	ND(0.0000000050)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000078)	ND(0.0000000034)	ND(0.0000000076)	ND(0.0000000035) X
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000087)	ND(0.0000000034)	ND(0.0000000084)	ND(0.0000000051)
HxCDDs (total)	Not Listed	ND(0.0000000084)	ND(0.0000000037)	ND(0.0000000081)	0.0000000061
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000042 J	ND(0.0000000042) X	ND(0.000000010)	ND(0.0000000089) X
HpCDDs (total)	Not Listed	0.0000000042	0.0000000037	ND(0.000000010)	ND(0.0000000037)
OCDD	Not Listed	0.000000014 J	ND(0.000000015) X	ND(0.000000028)	0.000000034 J
Total TEQs (WHO TEFs)	0.000001	0.0000000097	0.0000000059	0.0000000064	0.000000010
Inorganics-Unfiltered					
Antimony	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	0.00560 B
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0330 B	0.0610 B	0.0110 B	0.130 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	0.00600 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	0.00370 B	ND(0.0250)	0.00420 B
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00590 B
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	1	0.0230 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	ND(0.0500)	0.0520
Zinc	20	0.0860	0.0200	0.0140 B	ND(0.0200)
Inorganics-Filtered					
Antimony	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0340 B	0.0510 B	0.0120 B	0.0670 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	0.00520 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	0.00390 B
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00620 B
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	0.0000400 B	ND(0.000200)	ND(0.000200)
Nickel	1	0.0220 B	ND(0.0400)	0.00220 B	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	0.00200 B	ND(0.0500)	0.0220 B
Zinc	20	0.0680	0.00100 B	0.00470 B	ND(0.0200)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - South			
Sample ID:	UCL-GW	ESA2S-64	GMA1-13	HR-G1-MW-3	HR-G3-MW-1
Parameter Date Collected:	Standards	04/10/03	06/26/03	04/15/03	04/11/03
Volatile Organics					
1,1,1-Trichloroethane	100	0.23	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
1,1-Dichloroethane	100	0.35	ND(0.0050) [ND(0.0050)]	0.0051	ND(0.050)
1,2-Dichloroethane	100	0.030 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
2-Butanone	100	ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.050)
Acetone	100	ND(0.050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.050)
Benzene	70	0.050 J	ND(0.0050) [ND(0.0050)]	0.012	0.18
Carbon Tetrachloride	100	0.044 J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
Chlorobenzene	10	0.73	ND(0.0050) [ND(0.0050)]	0.20	1.5
Chloroethane	Not Listed	3.3	ND(0.0050) [ND(0.0050)]	0.065	ND(0.050)
Chloroform	100	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
Ethylbenzene	100	0.27	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
Tetrachloroethene	50	ND(0.050)	ND(0.0020) [ND(0.0020)]	ND(0.0050)	ND(0.050)
Toluene	100	0.37	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
trans-1,2-Dichloroethene	100	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
Trichloroethene	100	ND(0.050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.050)
Vinyl Chloride	100	0.19	ND(0.0020) [ND(0.0020)]	ND(0.0050)	ND(0.050)
Xylenes (total)	100	0.63	0.0010 J [ND(0.010)]	ND(0.010)	ND(0.050)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.00025	0.000060 J [0.000046 J]	0.000090	0.00015
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.00025	0.000060 J [0.000046 J]	0.000090	0.00015
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.00010)	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.00010)	0.000057 J [0.000033 J]	ND(0.000065)	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.00010)	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	ND(0.00010)	0.000057 J [0.000033 J]	ND(0.000065)	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	0.039	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	0.050	ND(0.010) [ND(0.010)]	0.020	0.0025 J
1,4-Dichlorobenzene	100	0.19	ND(0.010) [ND(0.010)]	0.090	0.0055 J
2,4-Dimethylphenol	100	0.0067 J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	0.011
2-Methylnaphthalene	100	0.0031 J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	0.0048 J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	0.016
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	0.0055 J
Naphthalene	60	0.042	ND(0.010) [ND(0.010)]	ND(0.010)	0.0068 J
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	–	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	–	NA	NA	NA	NA
Herbicides					
None Detected	–	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000028)	ND(0.00000000071) [ND(0.00000000065)]	ND(0.0000000026)	ND(0.0000000025) X
TCDFs (total)	Not Listed	0.0000000037	ND(0.00000000071) [ND(0.00000000065)]	0.000000043	0.000000041
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.00000000039) [ND(0.00000000048)]	ND(0.0000000025)	ND(0.0000000018) X
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000011) X	ND(0.00000000041) [ND(0.00000000050)]	0.0000000019 J	0.0000000025 J
PeCDFs (total)	Not Listed	0.0000000036	ND(0.00000000039) [ND(0.00000000048)]	0.000000039	0.000000011
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.00000000033) [ND(0.00000000012) X]	ND(0.0000000025)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.00000000033) [ND(0.00000000036)]	ND(0.0000000025)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.00000000043) [ND(0.00000000048)]	ND(0.0000000025)	ND(0.0000000027)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.00000000037) [ND(0.00000000041)]	ND(0.0000000025)	ND(0.0000000025)
HxCDFs (total)	Not Listed	ND(0.0000000025)	ND(0.00000000033) [ND(0.00000000036)]	0.0000000032	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000023 J	ND(0.00000000031) X [ND(0.00000000044) X]	ND(0.0000000028)	ND(0.0000000021) X
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.00000000058) [ND(0.00000000051)]	ND(0.0000000034)	ND(0.0000000025)
HpCDFs (total)	Not Listed	0.0000000023	ND(0.00000000044) [ND(0.00000000039)]	ND(0.0000000031)	ND(0.0000000025)
OCDF	Not Listed	ND(0.0000000062)	0.000000018 B [0.000000025 B]	ND(0.0000000083)	ND(0.0000000066)

TABLE 7
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BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	East St. Area 2 - South			
		ESA2S-64 04/10/03	GMA1-13 06/26/03	HR-G1-MW-3 04/15/03	HR-G3-MW-1 04/11/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000032)	ND(0.00000000054) [ND(0.00000000052)]	ND(0.0000000024)	ND(0.0000000018)
TCDDs (total)	Not Listed	ND(0.0000000032)	ND(0.00000000054) [ND(0.00000000052)]	ND(0.0000000024)	ND(0.0000000018)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.00000000054) [ND(0.00000000061)]	ND(0.0000000025)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.00000000054) [ND(0.00000000061)]	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000042)	ND(0.00000000052) [ND(0.00000000046)]	ND(0.0000000034)	ND(0.0000000040)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000042)	ND(0.00000000047) [ND(0.00000000041)]	ND(0.0000000034)	ND(0.0000000040)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000043)	ND(0.00000000047) [ND(0.00000000042)]	ND(0.0000000035)	ND(0.0000000041)
HxCDDs (total)	Not Listed	ND(0.0000000042)	ND(0.00000000047) [ND(0.00000000041)]	ND(0.0000000034)	ND(0.0000000040)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000033)	0.0000000011 [ND(0.00000000040)]	ND(0.0000000048)	ND(0.0000000032) X
HpCDDs (total)	Not Listed	ND(0.0000000033)	0.0000000011 [ND(0.00000000040)]	ND(0.0000000048)	ND(0.0000000032)
OCDD	Not Listed	0.0000000094 J	ND(0.0000000038) X [0.0000000046 B]	0.0000000083 J	ND(0.000000012)
Total TEQs (WHO TEFs)	0.000001	0.0000000045	0.00000000087 [0.00000000095]	0.0000000047	0.0000000047
Inorganics-Unfiltered					
Antimony	3	ND(0.0600)	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	4	0.0150	ND(0.0100) [ND(0.0100)]	0.00680 B	ND(0.0100)
Barium	100	0.0820 B	0.00750 B [0.00730 B]	0.0770 B	0.0910 B
Beryllium	0.5	ND(0.00100)	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	0.00200 B [0.00240 B]	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	0.00150 B [0.00260 B]	ND(0.0250)	ND(0.0250)
Cyanide	2	0.0130	ND(0.0100) [ND(0.0100)]	0.00630 B	0.00340 B
Lead	0.3	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200) **ND(0.0000200)**
Nickel	1	0.00590 B	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	0.0110 [0.0120]	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100) [0.00390 B]	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)	0.00120 B
Zinc	20	0.00820 B	0.0150 B [0.0140 B]	0.0120 B	0.00490 B
Inorganics-Filtered					
Antimony	3	ND(0.0600)	0.0100 B [0.00860 B]	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	100	0.0570 B	0.00790 B [0.00830 B]	0.0680 B	0.0700 B
Beryllium	0.5	ND(0.00100)	0.000400 B [0.000750 B]	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	0.00210 B [0.00210 B]	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	0.00620 B [0.00700 B]	ND(0.0250)	ND(0.0250)
Cyanide	2	0.0120	ND(0.0100) [ND(0.0100)]	0.00690 B	0.00320 B
Lead	0.3	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200) **ND(0.0000200)**
Nickel	1	ND(0.0400)	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	20	ND(0.0200)	0.00300 B [0.00260 B]	ND(0.0200)	ND(0.0200)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area			
Sample ID:	UCL-GW	B-2	E-4	E-7	GMA1-5
Parameter Date Collected:	Standards	04/14/03	04/09/03	04/09/03	04/14/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.00012	0.00060	0.00020	0.00047
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	0.000072	0.000065
Total PCBs	0.005	0.00012	0.00060	0.000272	0.000535
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	0.000056 J	0.000028 J	0.000070
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	0.000056 J	0.000028 J	0.000070
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000024)	ND(0.0000000044) X	ND(0.0000000040)	ND(0.0000000035)
TCDFs (total)	Not Listed	ND(0.0000000024)	ND(0.0000000045)	ND(0.0000000040)	ND(0.0000000035)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000026) X	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	0.0000000015 J	ND(0.0000000016) X	ND(0.0000000025)
PeCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000015	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000037)	0.0000000036 J	0.0000000036 J	ND(0.0000000037)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000033)	ND(0.0000000022) X	ND(0.0000000018) X	ND(0.0000000033)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000044)	ND(0.0000000026)	ND(0.0000000032)	ND(0.0000000044)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000036)	ND(0.0000000025)	ND(0.0000000027)	ND(0.0000000036)
HxCDFs (total)	Not Listed	ND(0.0000000037)	0.0000000056	0.0000000067	ND(0.0000000037)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000034)	0.0000000064 J	ND(0.0000000045) X	ND(0.0000000043)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000046)	ND(0.0000000044)	ND(0.0000000042)	ND(0.0000000058)
HpCDFs (total)	Not Listed	ND(0.0000000039)	0.0000000064	ND(0.0000000038)	ND(0.0000000049)
OCDF	Not Listed	ND(0.000000010) X	ND(0.000000012)	ND(0.000000011)	ND(0.000000013)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	Lyman Street Area B-2 04/14/03	E-4 04/09/03	E-7 04/09/03	GMA1-5 04/14/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000023)	ND(0.0000000046)	ND(0.0000000038)	ND(0.0000000029)
TCDDs (total)	Not Listed	ND(0.0000000023)	ND(0.0000000046)	ND(0.0000000038)	ND(0.0000000029)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000030)	ND(0.0000000030)	ND(0.0000000028)	ND(0.0000000029)
PeCDDs (total)	Not Listed	ND(0.0000000039)	ND(0.0000000030)	ND(0.0000000038)	ND(0.0000000046)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000081)	ND(0.0000000059)	ND(0.0000000064)	ND(0.0000000067)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000072)	0.0000000064 J	ND(0.0000000064)	ND(0.0000000060)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000080)	ND(0.0000000060)	ND(0.0000000066)	ND(0.0000000066)
HxCDDs (total)	Not Listed	ND(0.0000000077)	0.0000000064	ND(0.0000000064)	ND(0.0000000064)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000055)	0.000000013 J	0.0000000063 J	ND(0.0000000079)
HpCDDs (total)	Not Listed	ND(0.0000000055)	0.000000013	ND(0.0000000068)	ND(0.0000000079)
OCDD	Not Listed	ND(0.000000012)	0.000000032 J	ND(0.000000020) X	0.000000013 J
Total TEQs (WHO TEFs)	0.000001	0.0000000054	0.0000000070	0.0000000058	0.0000000056
Inorganics-Unfiltered					
Antimony	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.190 B	0.0480 B	0.0210 B	0.0470 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	0.00290 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	0.00260 B	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	1	0.00410 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	0.00770	0.00470 B	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	6.40	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	20	0.0780	0.0120 B	0.0160 B	0.0200
Inorganics-Filtered					
Antimony	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	0.00470 B	ND(0.0100)	ND(0.0100)
Barium	100	0.160 B	0.0520 B	0.0240 B	0.0530 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	0.00300 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	0.00370	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	1	0.00460 B	0.00420 B	ND(0.0400)	0.00220 B
Selenium	0.8	ND(0.00500)	0.0130	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	4	0.00840 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	20	0.0420	0.0110 B	0.00780 B	0.0140 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	Lyman Street Area			
		LS-28 04/10/03	LS-29 04/18/03	LS-MW-3R 04/16/03	LS-MW-4 04/10/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	0.16	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	0.0088	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	0.0096	ND(0.0050)
Tetrachloroethene	50	0.010	0.0046	ND(0.0050)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0050)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	0.035	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1254	Not Listed	0.00026	0.00022	NA	0.00021
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.005	0.00026	0.00022	NA	0.00021
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	ND(0.000065)	NA	0.00013
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	ND(0.000065)	NA	0.00013
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	NA	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	NA	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	NA	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	NA	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	NA	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	NA	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	NA	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	0.061	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	NA	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)	NA	ND(0.010)
Organochlorine Pesticides					
None Detected	–	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	–	NA	NA	NA	NA
Herbicides					
None Detected	–	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000030)	ND(0.0000000016)	NA	ND(0.0000000032)
TCDFs (total)	Not Listed	ND(0.0000000030)	0.0000000011	NA	0.0000000037
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	NA	ND(0.0000000027) X
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000025)	NA	ND(0.0000000026) X
PeCDFs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000025)	NA	0.0000000014
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000031)	ND(0.0000000015) X	NA	0.0000000037 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000028)	ND(0.0000000025)	NA	ND(0.0000000031) X
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000035)	ND(0.0000000025)	NA	0.0000000019 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000030)	ND(0.0000000025)	NA	ND(0.0000000025) X
HxCDFs (total)	Not Listed	ND(0.0000000031)	ND(0.0000000025)	NA	0.0000000055
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000028)	ND(0.0000000020) X	NA	0.0000000041 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000034)	ND(0.0000000025)	NA	ND(0.0000000028)
HpCDFs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000025)	NA	0.0000000041
OCDF	Not Listed	ND(0.0000000086)	ND(0.0000000073)	NA	ND(0.0000000052) X

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area			
Sample ID:	UCL-GW	LS-28	LS-29	LS-MW-3R	LS-MW-4
Parameter Date Collected:	Standards	04/10/03	04/18/03	04/16/03	04/10/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000034)	ND(0.0000000012)	NA	0.0000000013 J
TCDDs (total)	Not Listed	ND(0.0000000034)	ND(0.0000000012)	NA	0.0000000013
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000025)	NA	ND(0.0000000034) X
PeCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000025)	NA	ND(0.0000000029)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000061)	ND(0.0000000025)	NA	ND(0.0000000038)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000060)	ND(0.0000000025)	NA	ND(0.0000000038)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000062)	ND(0.0000000025)	NA	ND(0.0000000039)
HxCDDs (total)	Not Listed	ND(0.0000000061)	ND(0.0000000032)	NA	ND(0.0000000038)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000054)	0.0000000031 J	NA	0.0000000047 J
HpCDDs (total)	Not Listed	ND(0.0000000054)	0.0000000031	NA	0.0000000047
OCDD	Not Listed	ND(0.000000028)	0.0000000092 J	NA	0.000000020 J
Total TEQs (WHO TEFs)	0.000001	0.0000000054	0.0000000035	NA	0.0000000054
Inorganics-Unfiltered					
Antimony	3	ND(0.0600)	ND(0.0600)	NA	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	100	0.00670 B	0.00680 B	NA	0.230
Beryllium	0.5	ND(0.00100)	ND(0.00100)	NA	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	NA	0.00290 B
Lead	0.3	ND(0.00300)	ND(0.00300)	NA	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	NA	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Sulfide	Not Listed	6.40	ND(5.00)	NA	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc	20	0.0120 B	0.0140 B	NA	0.0450
Inorganics-Filtered					
Antimony	3	ND(0.0600)	ND(0.0600)	NA	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	100	0.00760 B	0.00670 B	NA	0.150 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	NA	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300)	NA	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	NA	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc	20	0.00420 B	ND(0.0200)	NA	0.00560 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area				
Sample ID:	UCL-GW	LS-MW-6R	LSSC-08I	LSSC-08S	LSSC-16S	LSSC-18
Parameter Date Collected:	Standards	04/14/03	04/10/03	04/16/03	04/15/03	04/16/03
Volatile Organics						
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.050)	ND(0.010)	0.062	ND(0.010)
Acetone	100	ND(0.010)	ND(0.050)	0.022	0.030	0.010
Benzene	70	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	0.85	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	0.079	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	0.43	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.050)	ND(0.0020)	0.0048	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	0.56	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.050)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	0.22	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered						
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.025)	ND(0.00025)	NA	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	0.29	0.0022	NA	0.00024
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.025)	ND(0.00025)	NA	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	0.29	0.0022	NA	0.00024
PCBs-Filtered						
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.00025)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	0.0050	0.000086	NA	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.00025)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	0.0050	0.000086	NA	ND(0.000065)
Semivolatile Organics						
1,2,4-Trichlorobenzene	100	ND(0.010)	0.050	ND(0.010)	0.0059	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	0.016	ND(0.010)	ND(0.0050)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	0.0079	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	0.018	ND(0.010)	0.0056	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	0.0026 J	ND(0.010)	NA	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	ND(0.0060)	NA	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
Naphthalene	60	ND(0.010)	0.0050 J	ND(0.010)	ND(0.0050)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)
Organochlorine Pesticides						
None Detected	--	NA	NA	--	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	--	NA	NA
Herbicides						
None Detected	--	NA	NA	--	NA	NA
Furans						
2,3,7,8-TCDF	Not Listed	ND(0.0000000031)	NA	ND(0.0000000022)	NA	ND(0.0000000024)
TCDFs (total)	Not Listed	ND(0.0000000031)	NA	0.0000000022	NA	ND(0.0000000024)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000025)	NA	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	NA	ND(0.0000000018) X	NA	ND(0.0000000025)
PeCDFs (total)	Not Listed	ND(0.0000000025)	NA	0.0000000049	NA	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000047)	NA	ND(0.0000000024) X	NA	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000042)	NA	0.0000000016 J	NA	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000056)	NA	ND(0.0000000025)	NA	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000046)	NA	ND(0.0000000025)	NA	ND(0.0000000025)
HxCDFs (total)	Not Listed	ND(0.0000000048)	NA	0.0000000053	NA	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000040)	NA	ND(0.0000000025)	NA	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000054)	NA	ND(0.0000000027)	NA	ND(0.0000000025)
HpCDFs (total)	Not Listed	ND(0.0000000046)	NA	0.0000000021	NA	ND(0.0000000025)
OCDF	Not Listed	ND(0.000000020)	NA	ND(0.0000000054)	NA	ND(0.0000000051)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Lyman Street Area				
Sample ID:	UCL-GW	LS-MW-6R	LSSC-08I	LSSC-08S	LSSC-16S	LSSC-18
Parameter / Date Collected:	Standards	04/14/03	04/10/03	04/16/03	04/15/03	04/16/03
Dioxins						
2,3,7,8-TCDD	0.0000001	ND(0.0000000034)	NA	ND(0.0000000019)	NA	ND(0.0000000021)
TCDDs (total)	Not Listed	ND(0.0000000034)	NA	ND(0.0000000019)	NA	ND(0.0000000021)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000032)	NA	ND(0.0000000025)	NA	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000037)	NA	ND(0.0000000036)	NA	ND(0.0000000029)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000080)	NA	ND(0.0000000030)	NA	ND(0.0000000031)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000071)	NA	ND(0.0000000030)	NA	ND(0.0000000031)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000078)	NA	ND(0.0000000031)	NA	ND(0.0000000032)
HxCDDs (total)	Not Listed	ND(0.0000000076)	NA	ND(0.0000000031)	NA	ND(0.0000000037)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000085)	NA	0.0000000045 J	NA	ND(0.0000000034)
HpCDDs (total)	Not Listed	ND(0.0000000085)	NA	0.0000000045	NA	ND(0.0000000034)
OCDD	Not Listed	ND(0.000000027)	NA	0.000000012 J	NA	0.0000000086 J
Total TEQs (WHO TEFs)	0.000001	0.0000000063	NA	0.0000000039	NA	0.0000000041
Inorganics-Unfiltered						
Antimony	3	ND(0.0600)	NA	0.00800 B	NA	0.00560 B
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	NA	ND(0.0100)
Barium	100	0.0750 B	NA	0.140 B	NA	0.0220 B
Beryllium	0.5	ND(0.00100)	NA	ND(0.00100)	NA	ND(0.00100)
Cadmium	0.1	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Chromium	20	ND(0.0100)	NA	ND(0.0100)	NA	ND(0.0100)
Cobalt	Not Listed	0.00370 B	NA	ND(0.0500)	NA	ND(0.0500)
Copper	Not Listed	ND(0.0250)	NA	0.00540 B	NA	0.00640 B
Cyanide	2	ND(0.0100)	NA	0.00400 B	NA	ND(0.0100)
Lead	0.3	ND(0.00300)	NA	ND(0.00300)	NA	0.00720
Mercury	0.02	ND(0.000200) **ND(0.0000200)**	NA	ND(0.000200)	NA	ND(0.000200)
Nickel	1	0.00300 B	NA	ND(0.0400)	NA	ND(0.0400)
Selenium	0.8	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	NA	ND(5.00)	NA	ND(5.00)
Thallium	4	ND(0.0100)	NA	ND(0.0100)	NA	ND(0.0100)
Vanadium	20	ND(0.0500)	NA	ND(0.0500)	NA	0.00490 B
Zinc	20	0.0170 B	NA	0.0400	NA	0.0160 B
Inorganics-Filtered						
Antimony	3	ND(0.0600)	NA	0.0140 B	NA	0.00640 B
Arsenic	4	ND(0.0100)	NA	ND(0.0100)	NA	ND(0.0100)
Barium	100	0.0780 B	NA	0.130 B	NA	0.0250 B
Beryllium	0.5	ND(0.00100)	NA	ND(0.00100)	NA	ND(0.00100)
Cadmium	0.1	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Chromium	20	ND(0.0100)	NA	ND(0.0100)	NA	ND(0.0100)
Cobalt	Not Listed	0.00390 B	NA	ND(0.0500)	NA	ND(0.0500)
Copper	Not Listed	ND(0.0250)	NA	0.00340 B	NA	ND(0.0250)
Cyanide	2	ND(0.0100)	NA	0.00430 B	NA	ND(0.0100)
Lead	0.3	ND(0.00300)	NA	ND(0.00300)	NA	ND(0.00300)
Mercury	0.02	ND(0.000200) **ND(0.0000200)**	NA	ND(0.000200)	NA	ND(0.000200)
Nickel	1	0.00220 B	NA	ND(0.0400)	NA	0.00280 B
Selenium	0.8	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Silver	0.4	ND(0.00500)	NA	ND(0.00500)	NA	ND(0.00500)
Thallium	4	ND(0.0100)	NA	ND(0.0100)	NA	ND(0.0100)
Vanadium	20	ND(0.0500)	NA	0.00130 B	NA	0.00510 B
Zinc	20	0.00550 B	NA	0.0240	NA	ND(0.0200)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area I				Newell St. Area II
Sample ID:	UCL-GW	FW-16R	IA-9R	MM-1	SZ-1	GMA1-8
Parameter / Date Collected:	Standards	04/18/03	04/18/03	04/17/03	04/18/03	04/17/03
Volatile Organics						
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)	0.0058 J	0.0065 J	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered						
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000069	ND(0.000065)	NA	0.000075	0.00041
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.000069	ND(0.000065)	NA	0.000075	0.00041
PCBs-Filtered						
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	ND(0.000065)	ND(0.000065)	NA	0.000037 J	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	ND(0.000065)	ND(0.000065)	NA	0.000037 J	ND(0.000065)
Semivolatile Organics						
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	NA	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)
Organochlorine Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
None Detected	--	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Listed	ND(0.0000000018)	ND(0.0000000017)	NA	ND(0.000000011)	ND(0.0000000021)
TCDFs (total)	Not Listed	0.0000000064	ND(0.0000000017)	NA	ND(0.000000011)	0.0000000046
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000040)	0.0000000014 J
2,3,4,7,8-PeCDF	Not Listed	0.0000000010 J	ND(0.0000000024)	NA	ND(0.0000000038)	0.0000000012 J
PeCDFs (total)	Not Listed	0.0000000028	ND(0.0000000024)	NA	ND(0.0000000039)	0.0000000042
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000036)	ND(0.0000000011) X
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000033)	0.0000000012 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000041)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000035)	ND(0.0000000025)
HxCDFs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000036)	0.0000000012
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	0.0000000012 J	NA	ND(0.0000000024)	0.0000000020 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000028)	ND(0.0000000025)
HpCDFs (total)	Not Listed	ND(0.0000000025)	0.0000000012	NA	ND(0.0000000025)	0.0000000020
OCDF	Not Listed	ND(0.0000000065)	ND(0.0000000049)	NA	ND(0.0000000087)	ND(0.0000000069)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area I				Newell St. Area II
Sample ID:	UCL-GW	FW-16R	IA-9R	MM-1	SZ-1	GMA1-8
Parameter Date Collected:	Standards	04/18/03	04/18/03	04/17/03	04/18/03	04/17/03
Dioxins						
2,3,7,8-TCDD	0.0000001	ND(0.0000000013)	ND(0.00000000098)	NA	ND(0.0000000020)	ND(0.0000000015)
TCDDs (total)	Not Listed	ND(0.0000000013)	ND(0.0000000030)	NA	ND(0.0000000023)	ND(0.0000000034)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000043)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000025)	ND(0.0000000039)	NA	ND(0.0000000043)	ND(0.0000000042)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000042)	ND(0.0000000028)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000041)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000025)	ND(0.0000000024)	NA	ND(0.0000000042)	ND(0.0000000028)
HxCDDs (total)	Not Listed	ND(0.0000000038)	ND(0.0000000047)	NA	ND(0.0000000042)	ND(0.0000000044)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000027)	ND(0.0000000021) X	NA	ND(0.0000000040)	0.0000000024 J
HpCDDs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000024)	NA	ND(0.0000000040)	0.0000000024
OCDD	Not Listed	ND(0.000000014)	0.0000000072 J	NA	ND(0.000000019)	ND(0.000000010) X
Total TEQs (WHO TEFs)	0.000001	0.0000000035	0.0000000033	NA	0.0000000061	0.0000000037
Inorganics-Unfiltered						
Antimony	3	ND(0.0600)	ND(0.0600)	NA	ND(0.0600)	0.0100 B
Arsenic	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	100	0.0560 B	0.140 B	NA	0.0390 B	0.0410 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00540 B	0.00440 B	NA	0.00480 B	0.00550 B
Cyanide	2	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	0.00320 B
Lead	0.3	ND(0.00300)	ND(0.00300)	NA	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)	NA	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)	0.00140 B
Zinc	20	0.0140 B	0.0210	NA	0.0170 B	0.0160 B
Inorganics-Filtered						
Antimony	3	ND(0.0600)	ND(0.0600)	NA	0.0100 B	0.00870 B
Arsenic	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	100	0.0540 B	0.0760 B	NA	0.0410 B	0.0420 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	ND(0.0250)	0.00350 B
Cyanide	2	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	0.00310 B
Lead	0.3	ND(0.00300)	ND(0.00300)	NA	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)	0.00120 B
Zinc	20	ND(0.0200)	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area II			
Sample ID:	UCL-GW	GMA1-9	N2SC-7S	NS-09	NS-17
Parameter Date Collected:	Standards	04/17/03	04/16/03	04/15/03	04/15/03
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
2-Butanone	100	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.050)	ND(0.0050)	0.044
Carbon Tetrachloride	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Chlorobenzene	10	0.0025 J	0.18	ND(0.0050)	0.13
Chloroethane	Not Listed	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Chloroform	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Ethylbenzene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Tetrachloroethene	50	ND(0.0020)	ND(0.050)	ND(0.0020)	ND(0.010)
Toluene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Trichloroethene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.010)
Vinyl Chloride	100	ND(0.0020)	0.89	0.014	2.7
Xylenes (total)	100	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.00087	0.00053	0.000072	0.00083
Aroclor-1260	Not Listed	0.00013	ND(0.000065)	ND(0.000065)	0.00024
Total PCBs	0.005	0.0010	0.00053	0.000072	0.00107
PCBs-Filtered					
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000075	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.000075	ND(0.000065)	ND(0.000065)	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene	100	ND(0.010)	0.0045 J	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	0.016	ND(0.010)	0.012
1,4-Dichlorobenzene	100	ND(0.010)	0.070	ND(0.010)	0.067
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	0.0092 J	ND(0.010)	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000028)	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000025)
TCDFs (total)	Not Listed	0.000000017	0.000000081 I	ND(0.0000000018)	0.000000044
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000027)	0.0000000011 J	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000018) X	0.0000000031 J	0.0000000013 J	ND(0.0000000035) X
PeCDFs (total)	Not Listed	0.000000012	0.000000028	0.0000000013	0.0000000086
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000036 J	0.0000000029 J	0.0000000016 J	0.0000000055 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000029) X	0.0000000019 J	0.0000000014 J	0.0000000025 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000025)	ND(0.0000000025)	0.0000000029 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000025)	ND(0.00000000068) X	ND(0.0000000018) X
HxCDFs (total)	Not Listed	0.0000000036	0.0000000048	0.0000000030	0.000000016
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000025 J	0.0000000023 J	0.0000000016 J	0.0000000043 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000032)	0.0000000020 J	ND(0.0000000025)	0.0000000030 J
HpCDFs (total)	Not Listed	0.0000000025	0.0000000043	0.0000000016	0.000000013
OCDF	Not Listed	ND(0.000000013)	0.0000000062 J	ND(0.0000000053)	0.0000000065 J

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID:		Newell St. Area II			
Sample ID:	UCL-GW	GMA1-9	N2SC-7S	NS-09	NS-17
Parameter Date Collected:	Standards	04/17/03	04/16/03	04/15/03	04/15/03
Dioxins					
2,3,7,8-TCDD	0.0000001	ND(0.0000000022)	ND(0.0000000011)	ND(0.0000000015)	ND(0.0000000020)
TCDDs (total)	Not Listed	ND(0.0000000042) I	ND(0.0000000032)	ND(0.0000000021)	ND(0.0000000020)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000027)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
PeCDDs (total)	Not Listed	ND(0.0000000045) I	ND(0.0000000040)	ND(0.0000000028)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000025)	ND(0.0000000032)	ND(0.0000000035)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000028)	ND(0.0000000015) X	ND(0.0000000032)	ND(0.0000000035)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000015) X	ND(0.0000000033)	ND(0.0000000036)
HxCDDs (total)	Not Listed	ND(0.0000000030)	0.0000000011	ND(0.0000000043)	ND(0.0000000035)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000040)	ND(0.0000000024) X	ND(0.0000000031) X	ND(0.0000000038) X
HpCDDs (total)	Not Listed	ND(0.0000000040)	ND(0.0000000029)	ND(0.0000000026)	ND(0.0000000036)
OCDD	Not Listed	ND(0.000000019)	ND(0.0000000086) X	ND(0.000000012) X	0.000000013 J
Total TEQs (WHO TEFs)	0.000001	0.0000000044	0.0000000045	0.0000000038	0.0000000051
Inorganics-Unfiltered					
Antimony	3	0.00650 B	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0350 B	0.0380 B	0.0340 B	0.0370 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	0.000890 B	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00390 B	0.00540 B	0.00370 B	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	0.00330	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	16.0	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	0.0150	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	0.00200 B	ND(0.0500)	ND(0.0500)
Zinc	20	0.0170 B	0.0200 B	0.0230	0.0160 B
Inorganics-Filtered					
Antimony	3	ND(0.0600)	0.00620 B	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0330 B	0.0350 B	0.0380 B	0.0370 B
Beryllium	0.5	ND(0.00100)	0.000860 B	ND(0.00100)	ND(0.00100)
Cadmium	0.1	ND(0.00500)	0.000670 B	ND(0.00500)	0.000560 B
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	0.00460 B	ND(0.0250)
Cyanide	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	1	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00500 B
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	20	ND(0.0500)	0.00120 B	ND(0.0500)	ND(0.0500)
Zinc	20	ND(0.0200)	0.00140 B	0.0130 B	0.00220 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	Newell St. Area II NS-20 04/15/03	Newell St. Area II NS-37 04/17/03
Volatile Organics			
1,1,1-Trichloroethane	100	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	100	ND(0.0050)	ND(0.0050)
1,2-Dichloroethane	100	ND(0.0050)	ND(0.0050)
2-Butanone	100	ND(0.010)	ND(0.010)
Acetone	100	ND(0.010)	ND(0.010)
Benzene	70	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	100	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)
Chloroethane	Not Listed	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.0050)
Tetrachloroethene	50	ND(0.0020)	ND(0.0020)
Toluene	100	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	100	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.010)
PCBs-Unfiltered			
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.0025)
Aroclor-1254	Not Listed	0.00012	0.014
Aroclor-1260	Not Listed	ND(0.000065)	0.0057
Total PCBs	0.005	0.00012	0.0197
PCBs-Filtered			
Aroclor-1242	Not Listed	ND(0.000065)	ND(0.000065)
Aroclor-1254	Not Listed	0.000025 J	0.00026
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.000025 J	0.00026
Semivolatile Organics			
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	100	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	100	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	100	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)
2-Chlorophenol	100	ND(0.010)	ND(0.010)
2-Methylnaphthalene	100	ND(0.010)	ND(0.010)
2-Methylphenol	Not Listed	ND(0.010)	ND(0.010)
Acenaphthene	50	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	100	ND(0.0060)	ND(0.0060)
Fluorene	30	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)
Pentachlorobenzene	Not Listed	ND(0.010)	ND(0.010)
Phenol	100	ND(0.010)	ND(0.010)
Organochlorine Pesticides			
None Detected	--	NA	NA
Organophosphate Pesticides			
None Detected	--	NA	NA
Herbicides			
None Detected	--	NA	NA
Furans			
2,3,7,8-TCDF	Not Listed	ND(0.0000000026)	0.0000000042 J
TCDFs (total)	Not Listed	ND(0.0000000026)	0.00000052
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	0.0000000026 J
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	0.0000000067 J
PeCDFs (total)	Not Listed	ND(0.0000000025)	0.00000011
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.000000018 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.000000011 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000026)	0.0000000050 J
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	0.0000000045 J
HxCDFs (total)	Not Listed	ND(0.0000000025)	0.000000074
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000030)	0.000000014 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000037)	0.0000000082 J
HpCDFs (total)	Not Listed	ND(0.0000000033)	0.000000039
OCDF	Not Listed	ND(0.0000000059)	ND(0.000000033) X

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Site ID: / Sample ID: / Parameter / Date Collected:	UCL-GW Standards	Newell St. Area II NS-20 04/15/03	Newell St. Area II NS-37 04/17/03
Dioxins			
2,3,7,8-TCDD	0.0000001	ND(0.0000000026)	ND(0.0000000019)
TCDDs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000019)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000025)	ND(0.0000000032) X
PeCDDs (total)	Not Listed	ND(0.0000000025)	0.0000000026
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000039)	ND(0.0000000031)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000039)	0.0000000024 J
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000040)	0.0000000024 J
HxCDDs (total)	Not Listed	ND(0.0000000039)	0.000000013
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000045)	0.0000000054 J
HpCDDs (total)	Not Listed	ND(0.0000000045)	0.0000000087
OCDD	Not Listed	0.0000000070 J	0.000000018 J
Total TEQs (WHO TEFs)	0.000001	0.0000000045	0.000000011
Inorganics-Unfiltered			
Antimony	3	ND(0.0600)	ND(0.0600)
Arsenic	4	ND(0.0100)	ND(0.0100)
Barium	100	0.0160 B	0.0700 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)
Cadmium	0.1	0.000710 B	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.0130 B	0.00490 B
Cyanide	2	ND(0.0100)	ND(0.0100)
Lead	0.3	0.00220 B	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200) **ND(0.0000200) [ND(0.0000200)]**
Nickel	1	ND(0.0400)	ND(0.0400)
Selenium	0.8	ND(0.00500)	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)
Sulfide	Not Listed	ND(5.00)	ND(5.00)
Thallium	4	ND(0.0100)	ND(0.0100)
Vanadium	20	0.00180 B	ND(0.0500)
Zinc	20	0.0350	0.0220
Inorganics-Filtered			
Antimony	3	ND(0.0600)	0.0120 B
Arsenic	4	ND(0.0100)	ND(0.0100)
Barium	100	0.0170 B	0.0730 B
Beryllium	0.5	ND(0.00100)	ND(0.00100)
Cadmium	0.1	0.000590 B	ND(0.00500)
Chromium	20	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.0120 B	0.00340 B
Cyanide	2	ND(0.0100)	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300)
Mercury	0.02	ND(0.000200)	ND(0.000200) **ND(0.0000200) [ND(0.0000200)]**
Nickel	1	ND(0.0400)	ND(0.0400)
Selenium	0.8	NA	ND(0.00500)
Silver	0.4	ND(0.00500)	ND(0.00500)
Thallium	4	ND(0.0100)	ND(0.0100)
Vanadium	20	0.00340 B	0.00190 B
Zinc	20	0.0240	0.0170 B

TABLE 7
MCP UCL COMPARISON
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. and Columbia Analytical Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in square brackets [ ].
6. PCBs-filtered results were greater than the PCBs-unfiltered results for samples 95-23, ES1-27R, ESA1S-33, ESA1S-139, GMA1-7, RF-04
7. and DUP-2 in the original analysis. PCBs-filtered samples were re-extracted and re-analyzed. The re-extracted PCBs-filtered sample results are presented in curly brackets { }.
8. Blind duplicate sample results analyzed by Columbia Analytical Services, Inc., are presented in bold font.
9. Shading indicates that value exceeds UCL Standards.
10. – Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, pesticides, herbicides, dioxin/furans)
- B - Analyte was also detected in the associated method blank.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.

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

TABLE 8
GROUNDWATER ANALYTICAL RESULTS FOR MERCURY
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Analysis by CT&E Environmental Services, Inc.		Analysis by Columbia Analytical Services, Inc.	
		Mercury (Total)	Mercury (Filtered)	Mercury (Total)	Mercury (Filtered)
3-6C-EB-14	04/15/03	ND(0.000200) [ND(0.000200)]	ND(0.000200) [ND(0.000200)]	NA	NA
3-6C-EB-29	04/11/03	ND(0.000200)	ND(0.000200)	NA	NA
95-23	04/04/03	ND(0.000200)	ND(0.000200)	NA	NA
B-2	04/14/03	ND(0.000200)	ND(0.000200)	NA	NA
E2SC-23	04/08/03	ND(0.000200)	ND(0.000200)	NA	NA
E2SC-24	04/09/03	ND(0.000200)	ND(0.000200)	NA	NA
E-4	04/09/03	ND(0.000200)	ND(0.000200)	NA	NA
E-7	04/09/03	ND(0.000200)	ND(0.000200)	NA	NA
ES1-05	04/02/03	ND(0.000200)	ND(0.000200)	ND(0.0000200)	0.0000200 B
ES1-14	04/02/03	ND(0.000200)	ND(0.000200)	NA	NA
ES1-20	03/31/03	ND(0.000200)	ND(0.000200)	NA	NA
ES1-23R	06/27/03	ND(0.000200)	ND(0.000200)	NA	NA
ES1-27R	04/01/03	ND(0.000200)	ND(0.000200)	NA	NA
ES2-02A	04/14/03	ND(0.000200)	ND(0.000200)	NA	NA
ES2-05	04/08/03	ND(0.000200)	ND(0.000200)	NA	NA
ES2-08	04/14/03	ND(0.000200)	ND(0.000200)	NA	NA
ESA1N-52	04/03/03	ND(0.000200)	ND(0.000200)	NA	NA
ESA1S-33	04/01/03	ND(0.000200)	ND(0.000200)	NA	NA
ESA1S-139	04/01/03	ND(0.000200)	ND(0.000200)	NA	NA
ESA2S-52	04/08/03	ND(0.000200)	ND(0.000200)	NA	NA
ESA2S-64	04/10/03	ND(0.000200)	ND(0.000200)	NA	NA
FW-16R	04/18/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-5	04/14/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-6	04/02/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-7	04/03/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-8	04/17/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-9	04/17/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-11	03/27/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-12	04/07/03	ND(0.000200)	ND(0.000200)	NA	NA
GMA1-13	06/26/03	ND(0.000200) [ND(0.000200)]	ND(0.000200) [ND(0.000200)]	NA	NA
HR-G1-MW-3	04/15/03	ND(0.000200)	ND(0.000200)	NA	NA
HR-G3-MW-1	04/11/03	ND(0.000200)	ND(0.000200)	ND(0.0000200)	ND(0.0000200)
IA-9R	04/18/03	ND(0.000200)	ND(0.000200)	NA	NA
LS-28	04/10/03	ND(0.000200)	ND(0.000200)	NA	NA
LS-29	04/18/03	ND(0.000200)	ND(0.000200)	NA	NA
LS-MW-4	04/10/03	ND(0.000200)	ND(0.000200)	NA	NA
LS-MW-6R	04/14/03	ND(0.000200)	ND(0.000200)	ND(0.0000200)	ND(0.0000200)
LSSC-08S	04/16/03	ND(0.000200)	ND(0.000200)	NA	NA
LSSC-18	04/16/03	ND(0.000200)	ND(0.000200)	NA	NA
N2SC-7S	04/16/03	ND(0.000200)	ND(0.000200)	NA	NA
NS-09	04/15/03	ND(0.000200)	ND(0.000200)	NA	NA
NS-17	04/15/03	ND(0.000200)	ND(0.000200)	NA	NA
NS-20	04/15/03	ND(0.000200)	ND(0.000200)	NA	NA
NS-37	04/17/03	ND(0.000200)	ND(0.000200)	ND(0.0000200) [ND(0.0000200)]	ND(0.0000200) [ND(0.0000200)]
RF-2	04/02/03	ND(0.000200)	ND(0.000200)	NA	NA
RF-03	04/03/03	ND(0.000200)	ND(0.000200)	ND(0.0000200)	ND(0.0000200)
RF-03D	04/07/03	ND(0.000200)	ND(0.000200)	NA	NA
RF-04	04/04/03	ND(0.000200) [ND(0.000200)]	ND(0.000200) [ND(0.000200)]	NA	NA
RF-16	04/08/03	ND(0.000200)	ND(0.000200)	NA	NA
SZ-1	04/18/03	ND(0.000200)	ND(0.000200)	NA	NA

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 9
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule & Analyses			Basis for Inclusion or Exclusion/Comments
		Semi-Annual (Until 4 Total Sets Collected)	Fall 2003 Only	Annual in Spring	
RAA 1 - 40s COMPLEX					
RF-04	GW-3 Perimeter (Upgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
RAA 2 - 30s COMPLEX					
ES2-19	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA1-2	GW-2 Sentinel	VOC (+5 SVOC)	NONE	NONE	One baseline sample set collected due to lack of water (sampling schedule to be re-evaluated after fourth sample set collected).
GMA1-3	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA1-12	GW-2 Sentinel/GW-3 General/Source Area Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
RF-02	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Although the GW-3 Standard for PCBs was exceeded during a single sampling event, the average PCB concentration is less than 50% of the GW-3 Standard.
RF-03	GW-2 Sentinel /GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
RF-03D	GW-3 General/Source Area Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
RF-16	GW-3 Perimeter (Downgradient)	NONE	NONE	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling proposed to further assess.
RAA 3 - 20s COMPLEX					
95-23	GW-3 General/Source Area Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
RAA 4 - EAST STREET AREA 2-SOUTH					
3-6C-EB-14	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Average chlorobenzene concentration is greater than the GW-3 Standard. Interim sampling deferred.
3-6C-EB-29	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Average PCB concentration is greater than the GW-3 Standard. Interim sampling deferred.
GMA1-13	GW-3 General/Source Area Sentinel	APP. IX, excl. pest/herb	NONE	NONE	Replacement for well 95-9. Three baseline sample sets have been collected between the two wells (sampling schedule to be re-evaluated after fourth sample set collected).
95-25	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.

TABLE 9
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule & Analyses			Basis for Inclusion or Exclusion/Comments
		Semi-Annual (Until 4 Total Sets Collected)	Fall 2003 Only	Annual in Spring	
E2SC-23	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Average PCB and PCDD/PCDF concentrations are greater than the GW-3 Standards. Interim sampling deferred.
E2SC-24	GW-3 Perimeter (Downgradient)	NONE	NONE	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling proposed for PCBs to further assess. Average cyanide concentration is greater than the GW-3 Standard. Interim sampling for cyanide deferred.
ES2-02A	GW-3 Perimeter (Downgradient)	NONE	NONE	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling proposed for cyanide to further assess. Average chlorobenzene concentration is greater than the GW-3 Standard. Interim sampling for chlorobenzene deferred. Although the GW-3 Standard for PCBs was exceeded during a single sampling event, the average PCB concentration is less than 50% of the GW-3 Standard.
ES2-05	GW-3 General/ Source Area Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
ES2-08	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Although the GW-3 Standard for PCBs was exceeded during a single sampling event, the average PCB concentration is less than 50% of the GW-3 Standard.
ESA2S-52	GW-3 General/Source Area Sentinel	NONE	NONE	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling proposed for cyanide to further assess. Average PCB and chlorobenzene concentrations are greater than the GW-3 Standards. Interim sampling for PCBs and chlorobenzene is deferred.
ESA2S-64	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Average chlorobenzene and cyanide concentrations are greater than the GW-3 Standards. Interim sampling is deferred.
HR-G1-MW-3	GW-3 Perimeter (Downgradient)	NONE	Hg	Cyanide	Average cyanide concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for cyanide proposed to further assess. Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.

TABLE 9
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule & Analyses			Basis for Inclusion or Exclusion/Comments
		Semi-Annual (Until 4 Total Sets Collected)	Fall 2003 Only	Annual in Spring	
HR-G3-MW-1	GW-3 Perimeter (Downgradient)	NONE	Hg	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess. Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed. Average chlorobenzene concentration is greater than the GW-3 Standards. Interim sampling for chlorobenzene is deferred.
RAA 5 - EAST STREET AREA 2-NORTH					
17A	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
95-20	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
A7	GW-2 Sentinel	VOC(+5 SVOC)	NONE	NONE	Three baseline samples collected (sampling schedule to be re-evaluated after fourth sample set collected).
ES1-05	GW-3 Perimeter (Downgradient)	NONE	Hg	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess. Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
ES1-10	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
ES1-18	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
ES1-20	GW-3 Perimeter (Upgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
ES1-27R	GW-3 General/ Source Area Sentinel	NONE	NONE	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess.
F-1	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA1-4	GW-2 Sentinel	VOC(+5 SVOC)	NONE	NONE	One baseline sample set collected due to lack of water (sampling schedule to be re-evaluated after fourth sample set collected).
GMA1-11	GW-3 General/ Source Area Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.

TABLE 9
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule & Analyses			Basis for Inclusion or Exclusion/Comments
		Semi-Annual (Until 4 Total Sets Collected)	Fall 2003 Only	Annual in Spring	
RAA 6 - EAST STREET AREA 1-NORTH					
ES1-08	GW-2 Sentinel/GW-3 General/Source Area Sentinel	NONE	NONE	NONE	Replaced by well ESA1S-33 for sampling purposes.
ES1-14	GW-2 Sentinel/GW-3 General/Source Area Sentinel	NONE	NONE	NONE	Although the GW-3 Standard for PCBs was exceeded during a single sampling event, the average PCB concentration is less than 50% of the GW-3 Standard.
ESA1N-52	GW-2 Sentinel/GW-3 General/Source Area Sentinel	NONE	NONE	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess.
RAA 12 - LYMAN STREET AREA					
B-2	GW-3 Perimeter (Downgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
E-4	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
E-7	GW-3 Perimeter (Upgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
GMA1-5	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
LS-28	GW-3 Perimeter (Upgradient)	NONE	NONE	NONE	Average PCB concentration is greater than the GW-3 Standard. Interim sampling deferred.
LS-29	GW-3 General/ Source Area Sentinel	APP. IX, excl. pest/herb	NONE	NONE	Three baseline samples collected (sampling schedule to be re-evaluated after fourth sample set collected).
LSSC-08I	Supplemental Monitoring (Deep Downgradient)	NONE	NONE	NONE	PCB concentration was greater than the GW-3 Standard in Spring 2003 (first time sampled). Interim sampling deferred.
LSSC-08S	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
LSSC-16S	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
LSSC-18	GW-3 Perimeter (Downgradient)	NONE	NONE	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess.
MW-3R	GW-2 Sentinel	VOC (+5 SVOC)	NONE	NONE	Three baseline samples collected (sampling schedule to be re-evaluated after fourth sample set collected).
MW-4	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Although mercury concentrations were above GW-3 standard in Fall 2002, no sampling proposed. Area to be addressed by additional sample for mercury proposed at nearby well B-2.

TABLE 9
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule & Analyses			Basis for Inclusion or Exclusion/Comments
		Semi-Annual (Until 4 Total Sets Collected)	Fall 2003 Only	Annual in Spring	
MW-6R	GW-3 Perimeter (Upgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
RAA 13 - NEWELL STREET AREA II					
GMA1-8	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA1-9	GW-3 Perimeter (Downgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
N2SC-07S	GW-3 Perimeter (Downgradient)	NONE	Hg	VOC/PCB	Average PCB and chlorobenzene concentrations are slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs and chlorobenzene proposed to further assess. Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
NS-09	GW-3 Perimeter (Downgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
NS-17	GW-3 Perimeter (Downgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
NS-20	GW-3 Perimeter (Upgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed.
NS-37	GW-3 Perimeter (Downgradient)	NONE	Hg	NONE	Mercury concentrations above GW-3 standard in Fall 2002; one additional sample for mercury proposed. Average PCB concentration is greater than the GW-3 Standard. Interim sampling deferred.
RAA 14 - NEWELL STREET AREA I					
FW-16R	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
IA-9R	GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Although the GW-3 Standard for cyanide was exceeded during a single sampling event, the average cyanide concentration is less than 50% of the GW-3 Standard.
MM-1	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
SZ-1	GW-2 Sentinel/GW-3 Perimeter (Upgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.

TABLE 9
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREA 1
BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2003
GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule & Analyses			Basis for Inclusion or Exclusion/Comments
		Semi-Annual (Until 4 Total Sets Collected)	Fall 2003 Only	Annual in Spring	
RAA 18 - EAST STREET AREA 1 SOUTH					
139	GW-2 Sentinel/GW-3 Perimeter (Downgradient)	NONE	NONE	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess.
ESA1S-33	GW-2 Sentinel/GW-3 General/Source Area Sentinel	NONE	NONE	VOC(+5 SVOC)/ PCB/Cyanide	Replacement for well ES1-8 downgradient of NAPL containment area. GW-3 Standards for PCBs and cyanide exceeded during Spring 2003 sampling event (first sampling event at this well).
37R	GW-2 Sentinel	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
ES1-23R	GW-2 Sentinel/GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	Although the GW-3 Standard for cyanide was exceeded during a single sampling event, the average cyanide concentration is less than 50% of the GW-3 Standard.
GMA1-6	GW-2 Sentinel/GW-3 General/Source Area Sentinel	NONE	NONE	VOC(+5 SVOC)/ PCB	Downgradient of NAPL containment area.
GMA1-7	GW-2 Sentinel/GW-3 Perimeter (Downgradient)	NONE	NONE	NONE	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.

NOTES:

1. The wells proposed for annual groundwater quality sampling will be sampled for the listed parameters in the spring during the interim period between the completion of the baseline monitoring program and the initiation of a long-term monitoring program.
2. Wells that are included due to less than four rounds of baseline data (i.e., A7, GMA1-2, GMA1-4, GMA1-13, LS-29, and MW-3R) will be sampled on a semi-annual basis and may be proposed to be removed from the interim groundwater quality monitoring program after the fourth data set is collected.
3. Wells that are proposed for mercury analysis will only be sampled in fall 2003, after which GE may propose to remove them from the interim groundwater quality monitoring program.
4. All future analyses for PCB, metals, and cyanide conducted under the annual interim monitoring program will be performed on filtered samples only. Both filtered and unfiltered samples will be collected from wells that are included in the program due to less than four rounds of baseline data (i.e., GMA1-13 and LS-29) and wells to be sampled for mercury in fall 2003 only.

Figures

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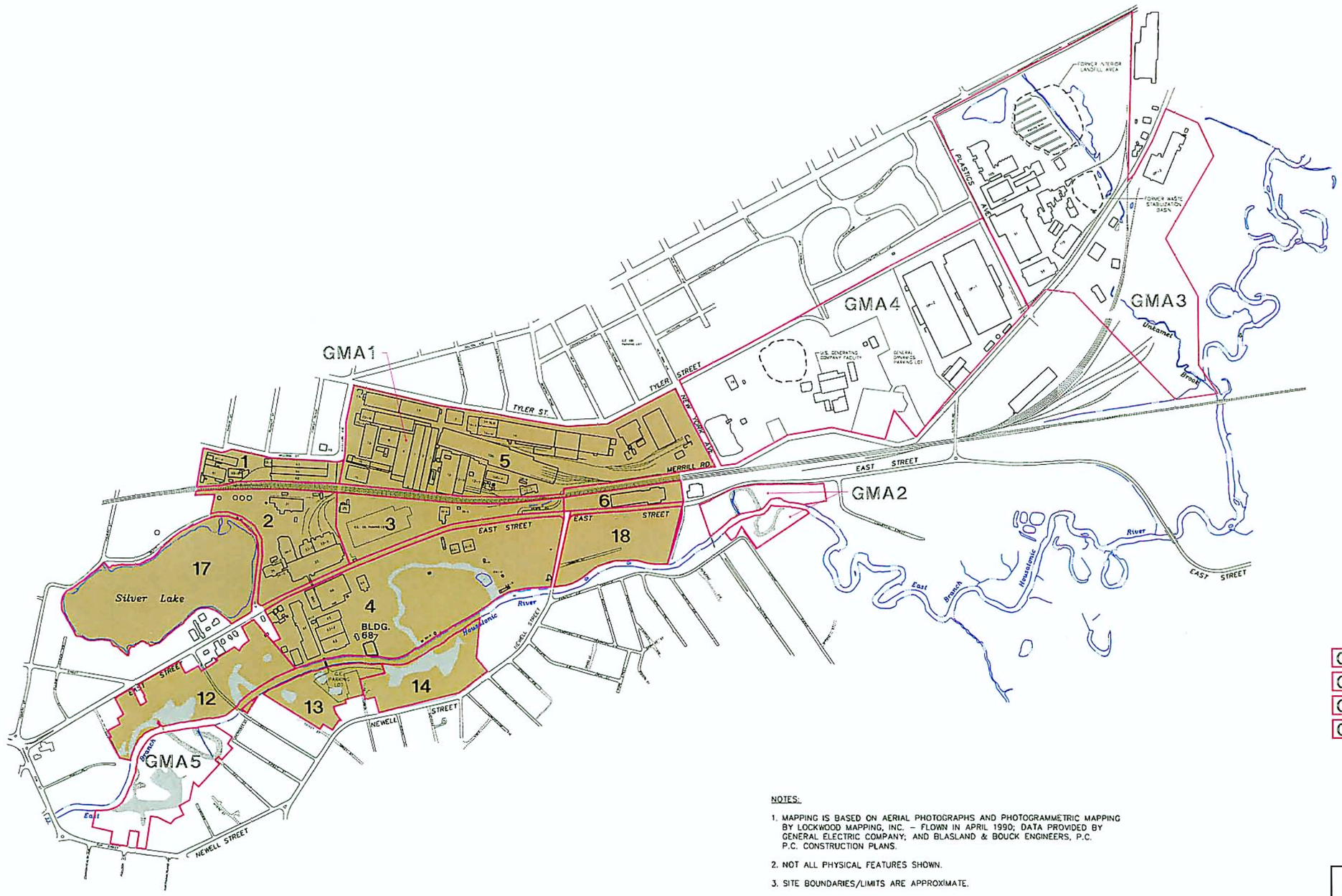
engineers & scientists



LEGEND

GMA 1 (PLANT SITE 1)

COMPRISED OF:

- RAA 1–40s COMPLEX
- RAA 2–30s COMPLEX
- RAA 3–20s COMPLEX
- RAA 4–EAST STREET AREA 2 SOUTH
- RAA 5–EAST STREET AREA 2 NORTH
- RAA 6–EAST STREET AREA 1 NORTH
- RAA 12–LYMAN STREET AREA (INCLUDING FORMER OXBOWS B, D AND E)
- RAA 13–NEWELL STREET AREA II
- RAA 14–NEWELL STREET AREA I
- RAA 17–SILVER LAKE AREA
- RAA 18–EAST STREET AREA 1 SOUTH (NAPL/GROUNDWATER ONLY)

GMA2 GMA 2–FORMER OXBOWS J&K

GMA3 GMA 3–PLANT SITE 2

GMA4 GMA 4–PLANT SITE 3

GMA5 GMA 5–FORMER OXBOWS A&C

NOTES:

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

0 500' 1000'
APPROXIMATE SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

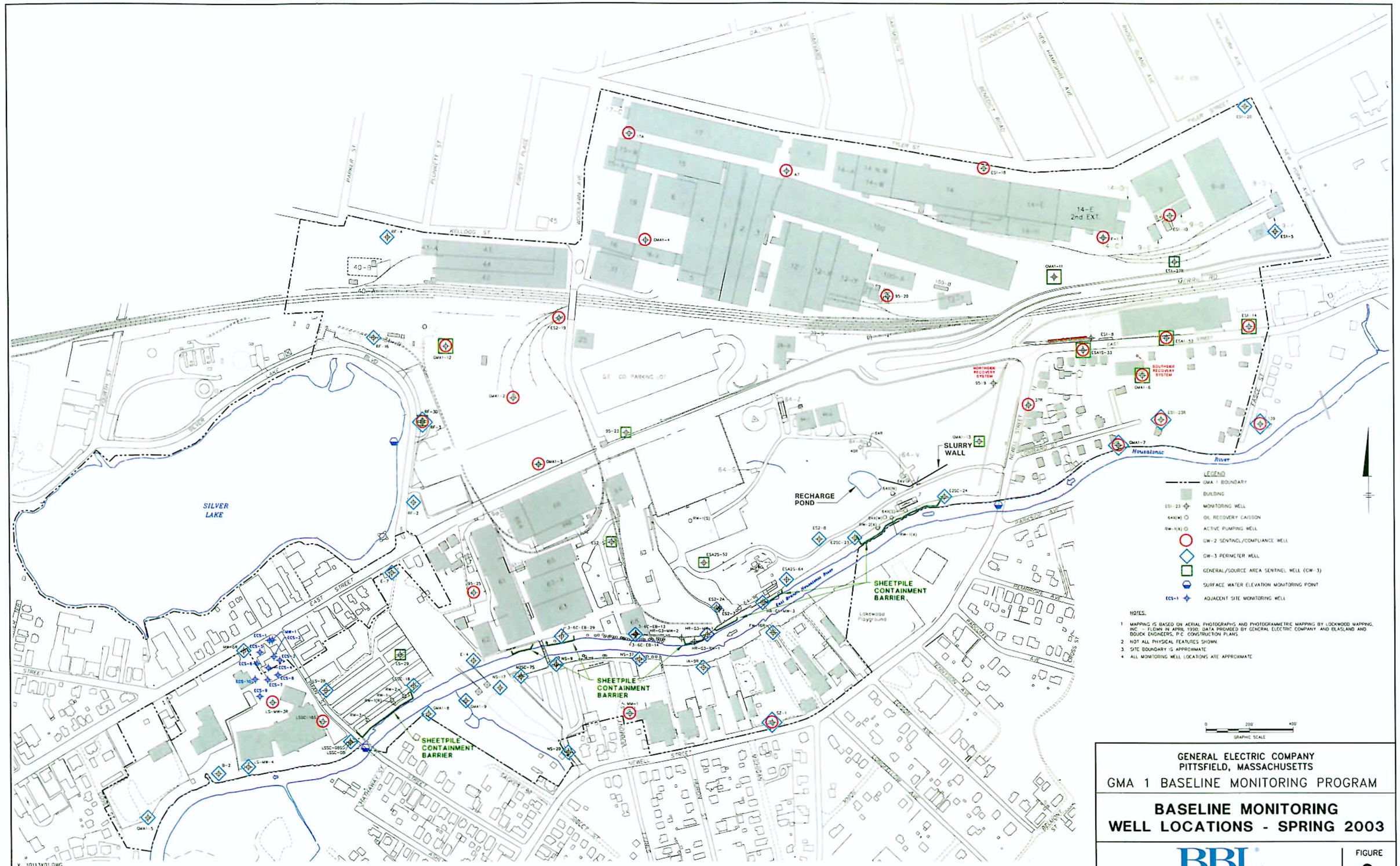
GMA 1 BASELINE MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREAS

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

FIGURE 1

L: ON=*, OFF=REF
P: PAGSET/PLT-DL
7/29/02 SYR-54-GMS LJP DWW
N/10113001/10113901.DWG



X 10113X01.DWG
L ON=* OFF=REF
P PAGESET/PLT-0L2B
7/29/03 SYR-RLP GMS DMW
N/10113001/10113B68.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 1 BASELINE MONITORING PROGRAM

BASELINE MONITORING WELL LOCATIONS - SPRING 2003

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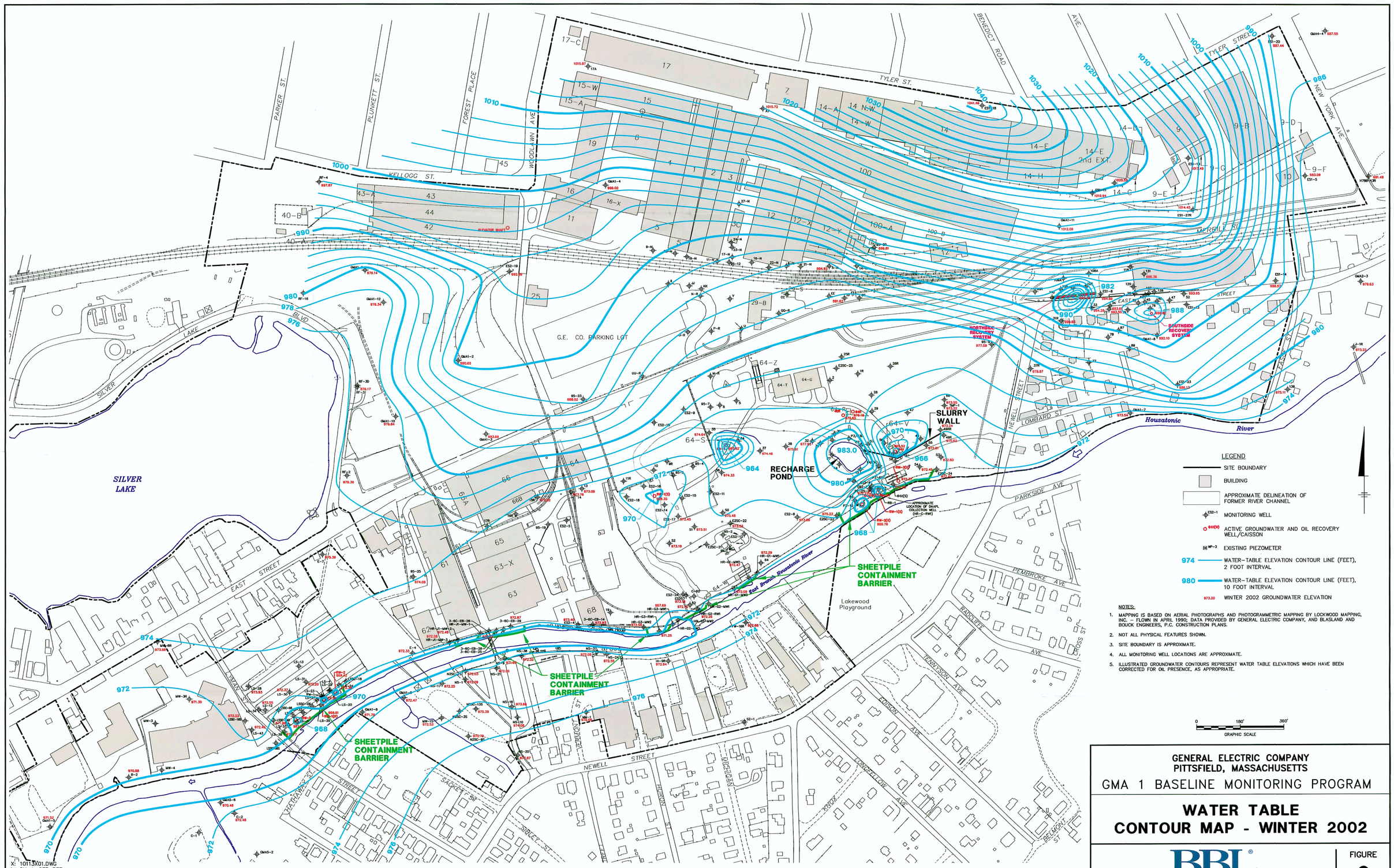
FIGURE 2



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P: PAGESET/PLT-DL (PLTHALF.CTB)
7/29/03 SYR-54-PGL NES DMW
N/10113001/10113B67.DWG

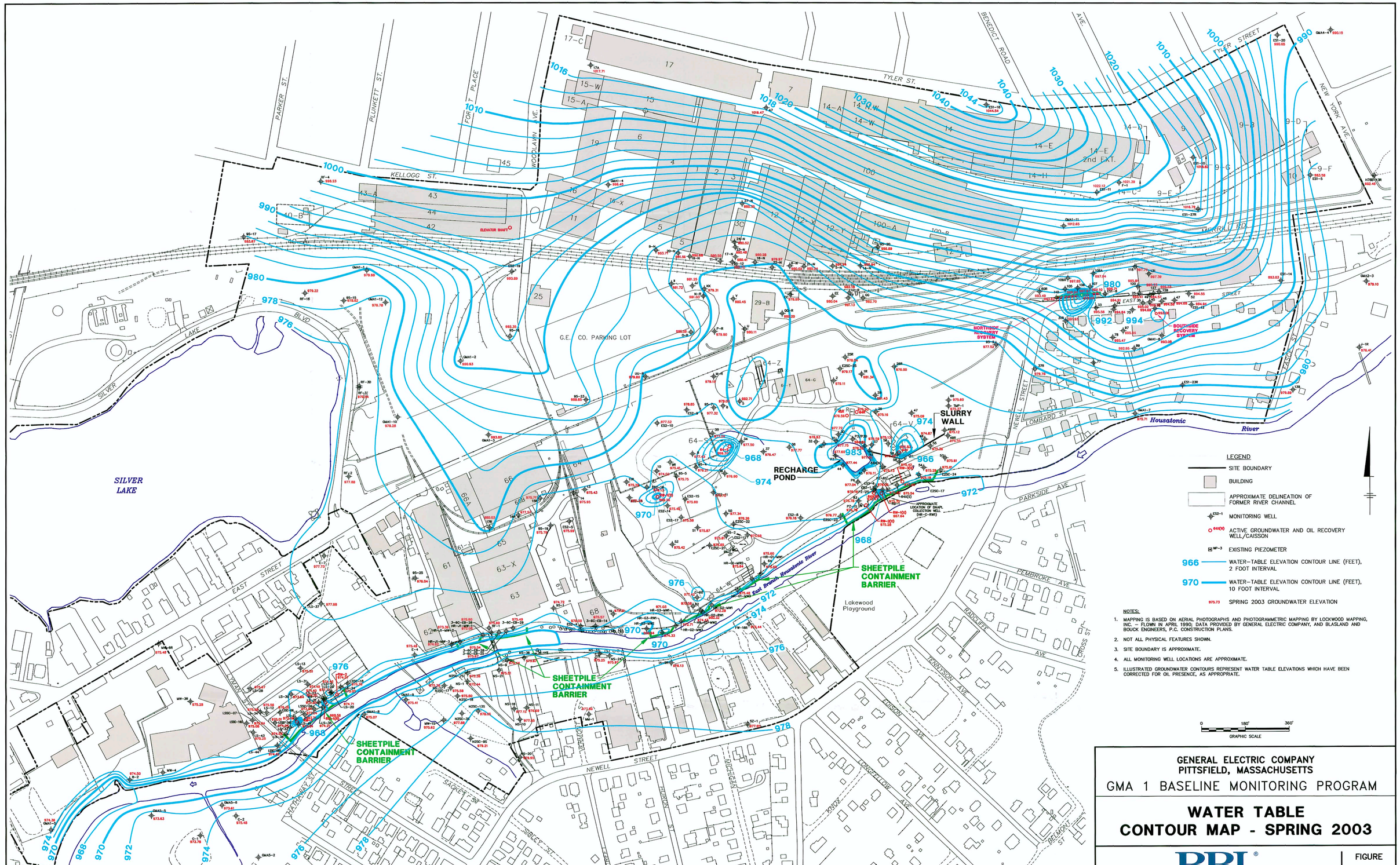
GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 1 BASELINE MONITORING PROGRAM

WATER TABLE CONTOUR MAP - WINTER 2002

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE 3



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L: ON=*, OFF=REF
P: PAGESET/PLT-DL (PLTHALF.CTB)
7/29/03 SYR-54-PGL NES DMW
N/10113001/10113866.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 1 BASELINE MONITORING PROGRAM

WATER TABLE CONTOUR MAP - SPRING 2003

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE
4

ESA2S-64		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
CHLOROBENZENE	0.5	0.73
CYANIDE (FILTERED)	0.01	0.012

ESA2S-52		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
CHLOROBENZENE	0.5	5.2
PCBs (FILTERED)	0.0003	0.0049

HR-G3-MW-1		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
CHLOROBENZENE	0.5	1.5

RF-2		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
PCBs (FILTERED)	0.0003	0.0003

LSSC-08I		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
PCBs (FILTERED)	0.0003	0.005

E2SC-24		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
CYANIDE (FILTERED)	0.01	0.014

ES1-5		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
PCBs (FILTERED)	0.0003	0.00067

ES1-14		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
PCBs (FILTERED)	0.0003	0.00041

ES1-27R		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
PCBs (FILTERED)	0.0003	0.0009 [0.0005]

ESA1S-33		
CONSTITUENT	MCP GW-3 Standard (PPM)	Concentration (PPM)
PCBs (FILTERED)	0.0003	0.00039 [0.000080]
CYANIDE (FILTERED)	0.01	0.05

SILVER LAKE

RECHARGE POND

SLURRY WALL

SHEETPILE CONTAINMENT BARRIER

SHEETPILE CONTAINMENT BARRIER

SHEETPILE CONTAINMENT BARRIER

Lakewood Playground

14-E and EXT

NORTHSIDE RECOVERY SYSTEM

SOUTHSIDE RECOVERY SYSTEM

Housatonic River

East Branch Housatonic River

LEGEND

- GMA 1 BOUNDARY
- BUILDING
- ES1-23 MONITORING WELL
- 64X(N) OIL RECOVERY CAISSON
- Rw-1(N) ACTIVE PUMPING WELL
- GW-2 SENTINEL/COMPLIANCE WELL
- GW-3 PERIMETER WELL
- GENERAL/SOURCE AREA SENTINEL WELL (GW-3)
- SURFACE WATER ELEVATION MONITORING POINT

{0.00051} BRACKETS INDICATE RESULTS OF RE-EXTRACTION/RE-ANALYSIS

NOTES:

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

0 200' 400'
GRAPHIC SCALE

X 10113X08.DWG
L ON=* OFF=REF
P PAGESET/PLT-DL2B
7/29/03 SYR-S4-GMS PGL DMW
N/10113001/10113C03.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 1 BASELINE MONITORING PROGRAM

CONSTITUENTS IN GROUNDWATER ABOVE MCP METHOD 1 GW-3 STANDARDS - SPRING 2003

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

FIGURE 5

RF-3D		
CONSTITUENT	MCP UCL (PPM)	Concentration (PPM)
PCBs (UNFILTERED)	0.005	0.0056

ESA2S-52		
CONSTITUENT	MCP UCL (PPM)	Concentration (PPM)
PCBs (UNFILTERED)	0.005	0.00553

NS-37		
CONSTITUENT	MCP UCL (PPM)	Concentration (PPM)
PCBs (UNFILTERED)	0.005	0.0197

LSSC-081		
CONSTITUENT	MCP UCL (PPM)	Concentration (PPM)
PCBs (UNFILTERED)	0.005	0.29
PCBs (FILTERED)	0.005	0.005

SILVER LAKE

RECHARGE POND

SLURRY WALL

SHEETPILE CONTAINMENT BARRIER

SHEETPILE CONTAINMENT BARRIER

SHEETPILE CONTAINMENT BARRIER

Housatonic River

East Branch Housatonic River

LEGEND
- GMA 1 BOUNDARY
- BUILDING
- MONITORING WELL
- OIL RECOVERY CAISSON
- ACTIVE PUMPING WELL
- GW-2 SENTINEL/COMPLIANCE WELL
- GW-3 PERIMETER WELL
- GENERAL/SOURCE AREA SENTINEL WELL (GW-3)
- SURFACE WATER ELEVATION MONITORING POINT

NOTES:
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING INC. - FLOWN IN APRIL 1990. DATA PROVIDED BY GENERAL ELECTRIC COMPANY AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.

0 200 400
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

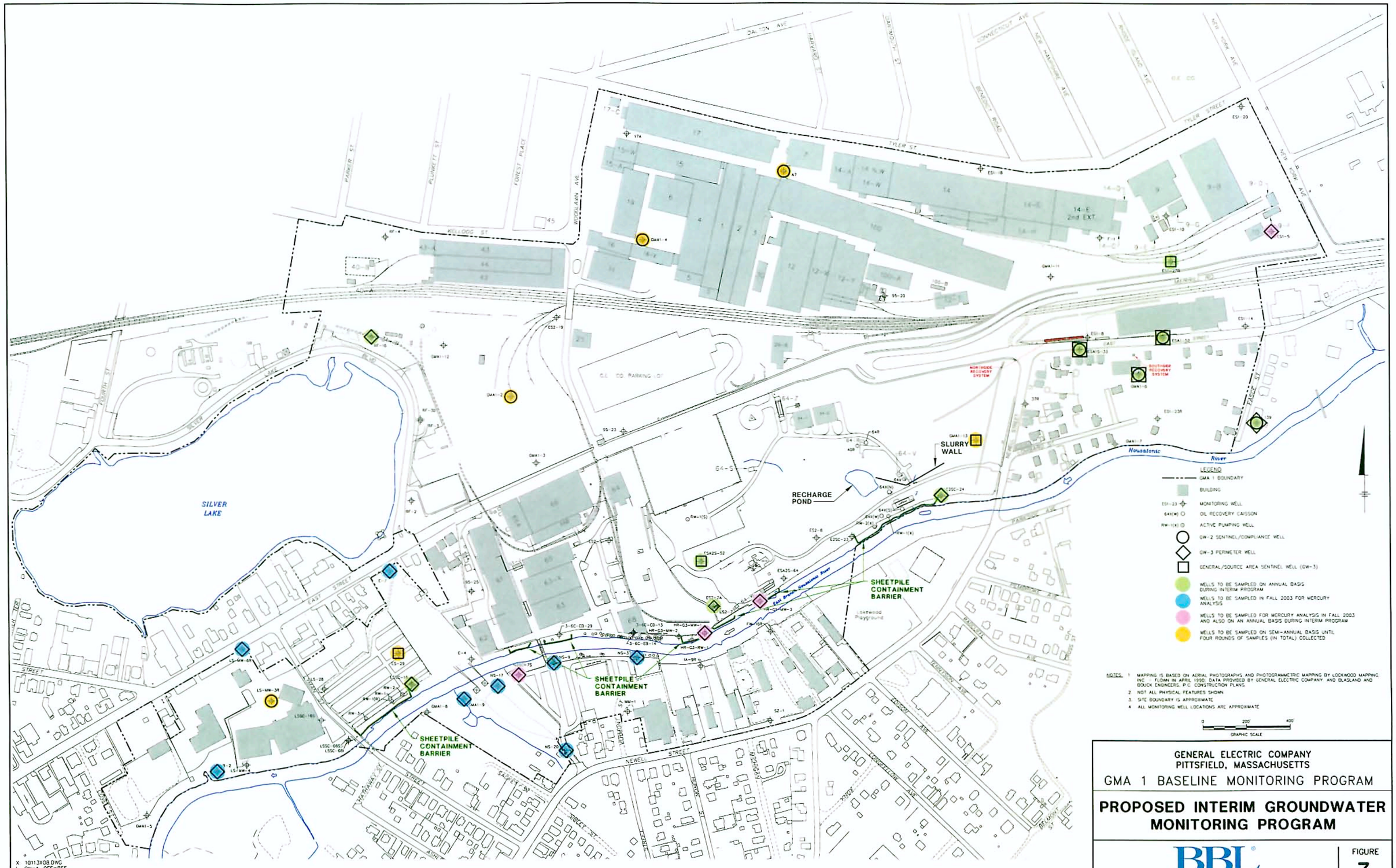
GMA 1 BASELINE MONITORING PROGRAM

CONSTITUENTS IN GROUNDWATER ABOVE MCP UCLs - SPRING 2003

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

FIGURE 6

X: 10113X08.DWG
L: ON=* OFF=REF
P: PAGESET/PLT-DL2B
7/29/03 SYR-54-GMS PGL DMW
N/10113001/10113C04.DWG



X 10113X08.DWG
L ON=*; OFF=REF
P PAGESET/PLT-DL2B
7/29/03 SYR-GMS PGL RCB DMW
N/10113001/10113B65.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 1 BASELINE MONITORING PROGRAM

PROPOSED INTERIM GROUNDWATER MONITORING PROGRAM

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

FIGURE 7