GE
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USA

Transmitted Via Overnight Courier

August 30, 2007

Mr. Richard Hull
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 4 (GECD340)
Groundwater Quality Monitoring Interim Report for Spring 2007

Dear Mr. Hull:

Enclosed is the *Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Spring 2007.* This report summarizes activities performed at Groundwater Management Area (GMA) 4 (also known as the Plant Site 3 GMA) during spring 2007, and presents the results of the latest round of sampling and analysis of groundwater performed as part of the interim monitoring program for GMA 4. These activities also include sampling performed in conjunction with GE's operation of two On-Plant Consolidation Areas within GMA 4, as well as select sampling conducted by Pittsfield Generating Company, L.P. in association with its existing permitted program.

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

Sincerely,

Richard W. Gates/MH fa

Richard W. Gates
Remediation Project Manager

Enclosure
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Infrastructure, environment, facilities

General Electric Company
Pittsfield, Massachusetts

Groundwater Management Area 4
Groundwater Quality Monitoring
Interim Report for Spring 2007

August 2007

ARCADIS BBL

Groundwater Management Area 4 – Groundwater Quality Monitoring Interim Report for Spring 2007

General Electric Company
Pittsfield, Massachusetts

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Appendices

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 3 Groundwater Management Area, also known as and referred to herein as GMA 4.

On July 23, 2001, GE submitted the *Baseline Monitoring Program Proposal for Plant Site 3 Groundwater Management Area* (GMA 4 Baseline Monitoring Proposal). The GMA 4 Baseline Monitoring Proposal summarized the hydrogeologic information available at that time for GMA 4 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 4 Baseline Monitoring Proposal by letter of December 28, 2001. Thereafter, certain modifications were made to the GMA 4 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of the selected monitoring locations. These modifications were documented in a February 21, 2002 *Addendum to the Baseline Monitoring Program Proposal for Plant Site 3 Groundwater Management Area* (GMA 4 Baseline Monitoring Proposal Addendum), conditionally approved by EPA on April 18, 2002.

The baseline monitoring program, which was initiated in the spring of 2002, consisted of four semi-annual groundwater quality sampling events followed by the preparation and submittal of reports summarizing the groundwater monitoring results and, as appropriate,

proposal of modifications to the monitoring program based on the results obtained from each event. The fourth baseline monitoring report for GMA 4, titled *Groundwater Management Area 4 Baseline Groundwater Quality Interim Report for Fall 2003* (Fall 2003 GMA 4 Groundwater Quality Report), was submitted to EPA on January 30, 2004. 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 within a GMA, GE may make a proposal to EPA 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 approved GMA 4 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. The Fall 2003 GMA 4 Groundwater Quality Report contained such a proposal to modify and extend baseline groundwater quality monitoring activities at GMA 4 (under a program referred to as an interim monitoring program) until such time as the soil-related Removal Actions at the GMA 4 RAAs are completed and the specific components of a long-term groundwater quality monitoring program are determined. EPA conditionally approved the Fall 2003 GMA 4 Groundwater Quality Report by letter dated May 19, 2004. Under the approved interim monitoring program, semi-annual or annual water quality sampling (alternating between the spring and fall seasons) and periodic water level monitoring at selected GMA 4 wells was initiated in spring 2004, as documented in the *Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Spring 2004* (Spring 2004 Groundwater Quality Report), approved by EPA in a letter dated November 12, 2004.

As part of the interim monitoring program, GE is required to submit reports after each groundwater sampling event to summarize the groundwater monitoring results and related activities and, as appropriate, propose modifications to the monitoring program. This *Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Spring 2007* (Spring 2007 Groundwater Quality Report) presents the results of groundwater sampling activities performed at GMA 4 during April 2007, as well as other groundwater-related activities performed at this GMA between January and July 2007.

1.2 Background Information

GMA 4 is located within the mid-eastern portion of the GE Plant Area and encompasses the Hill 78 and Building 71 On-Plant Consolidation Areas (OPCAs), the Hill 78-Remainder RAA, and the portion of the Unkamet Brook Area RAA (as defined in the CD and SOW) located to the west of Plastics Avenue. GMA 4 occupies an area of approximately 80 acres, generally bounded by Tyler Street/Tyler Street Extension to the north, Merrill Road to the south,

Plastics Avenue to the east, and New York Avenue to the west, as illustrated on Figure 2. The Hill 78 and Building 71 OPCAs are located within the central portion of this GMA, which also contains a generating facility operated by Pittsfield Generating Company, L.P. (PGC) under a lease with GE. The eastern portion of this GMA is mostly paved or covered by Buildings OP-1 and OP-2, which contain operations of General Dynamics Corporation conducted under contract with the U.S. Department of the Navy. (GE continues to own the land beneath those buildings.)

GE has performed several activities to select, design, and utilize the Hill 78 and Building 71 OPCAs within GMA 4. These areas have been and will continue to be used for the permanent consolidation of materials (e.g., soil, sediment, and demolition debris) removed during response actions and building demolition activities associated with the Site. The nature and scope of the required response actions at the Site, including provisions relating to use of the OPCAs, were established in the CD. In connection with the design of the OPCAs, GE developed a groundwater monitoring program consisting of a baseline groundwater investigation, groundwater monitoring during operation of the OPCAs, and future groundwater monitoring during the post-closure period. The primary objectives of the OPCA groundwater monitoring program are to:

- Periodically (on a semi-annual basis) assess groundwater conditions near the OPCAs;
- Compare current conditions with those observed during previous monitoring activities; and
- Identify potential changes in groundwater conditions that may be related to the consolidation activities.

GE performed the initial OPCA-related baseline groundwater investigations between June 14 and 17, 1999, prior to the commencement of consolidation activities. That baseline groundwater investigation originally involved sampling and analysis of 12 monitoring wells (78-1, 78-6, H78B-15, NY-4, and OPCA-MW-1 through OPCA-MW-8) to provide spatial representation on all sides of the OPCAs (i.e., upgradient, downgradient, and cross-gradient). Groundwater samples obtained from these 12 wells were analyzed for PCBs and other constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides) plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3). As discussed below in Section 4.3.4, the analytical results from that baseline investigation along with the results from groundwater sampling events conducted over the past year for the OPCA monitoring program wells are presented in Table B-1 in Appendix B of this report.

Following EPA's January 2, 2001 conditional approval of the OPCA groundwater monitoring program, GE initiated the semi-annual groundwater monitoring program for the OPCAs to be performed in the spring and fall of each year. That program included groundwater level measurements, groundwater sampling, and laboratory analyses for the 12 monitoring wells utilized in the OPCA baseline investigation, followed by preparation of a summary report. Two sampling events were conducted under the OPCA groundwater monitoring program (i.e., spring 2001 and fall 2001) prior to initiation of the overall GMA 4 baseline monitoring program, at which point the OPCA-related groundwater monitoring activities were incorporated into the other groundwater monitoring activities conducted for GMA 4.

As set forth in the GMA 4 Baseline Monitoring Proposal and GMA 4 Baseline Monitoring Proposal Addendum, the baseline monitoring program at this GMA initially involved a total of 31 monitoring wells, including supplemental wells H78B-16, and H78B-17R. The supplemental wells were sampled solely for VOCs to assess the presence of trichloroethene (TCE) and other chlorinated compounds along the southern boundary of GMA 4. Subsequent modifications to the program approved by EPA resulted in: the decommissioning of three wells (78-7, H78B-8, and H78B-8R); the replacement of two monitoring wells (GMA4-4 for NY-4, and OPCA-MW-1R for OPCA-MW-1); and the installation and sampling of new wells GMA4-5 (designated as a GW-2 sentinel/compliance well) and GMA4-6 (designated as a GW-3 perimeter/OPCA monitoring well). The wells included in the GMA 4 baseline monitoring program were monitored for groundwater elevations on a quarterly basis and sampled on a semi-annual basis for analysis of PCBs and/or other Appendix IX+3 constituents. The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well.

Groundwater from deep bedrock wells within GMA 4 is utilized for industrial purposes at the PGC facility. Currently, PGC personnel collect groundwater samples from an existing bedrock supply well (ASW-5, which serves as its primary source of cooling water) for analysis of PCBs and VOCs, in accordance with an existing permitted program. This well is located near the southwest corner of the steam turbine generator building, as illustrated on Figure 2. GE included the analytical results provided by PGC for samples collected from well ASW-5 in its OPCA groundwater monitoring program reports and continues to include those results in the GMA 4 interim monitoring program reports. The current PGC analytical results appear in Table C-1 in Appendix C of this report.

As previously reported, wells H76B-16, and H78B-17R are sampled on an annual basis (alternating between spring and fall) and analyzed for VOCs to monitor the potential presence of TCE and other chlorinated compounds at the downgradient edge of GMA 4 (Figure 4). The next scheduled sampling event at these wells will be conducted in fall 2007.

In addition, the surface of a dense glacial till forms a trough-like structure in this area (Figure 5), which acts as a confining layer against vertical migration of TCE and other chlorinated constituents. Based on the location of these two wells at the downgradient edge of GMA 4 and within the glacial till trough, it is anticipated that the source of the TCE and other related chlorinated constituents originated from an upgradient location relative to both groundwater flow and the slope of the till surface. If TCE-containing DNAPL were present, it would tend to migrate vertically downward, based on its density relative to water, until encountering a confining layer, at which point transport would continue along the top of till interface. However, no such DNAPL has been observed in any monitoring wells within GMA 4. As shown on Figure 5, the till trough extends northwest beneath the PGC facility toward the former Hill 78 landfill.

As discussed 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 4 in the spring of 2002, and the fall 2003 sampling event constituted the fourth baseline sampling event at most of the wells in GMA 4. In spring 2006, GE completed the fourth sampling round at the final baseline monitoring location (well UB-MW-5), which had been dry and unable to be sampled during several of the prior baseline sampling events, and thereby completed the required baseline sampling.

In the Fall 2003 GMA 4 Groundwater Quality Report, GE described its proposed interim groundwater quality monitoring program. EPA conditionally approved that report by letter dated May 19, 2004. GE implemented the interim monitoring program during the spring 2004 sampling event and will continue that program until the completion of the soil-related Removal Actions at the GMA 4 RAAs. At that time, GE will submit a final baseline monitoring report, including a proposal concerning long-term monitoring.

As of spring 2007, the interim monitoring program consists of:

- Sampling and analysis of 12 OPCA-related wells on a semi-annual basis.

- Annual sampling and analysis (alternating between spring and fall seasons) for select constituents at two GMA 4 wells (H78B-16 and H78B-17R) located along the downgradient edge of the GMA, where VOCs were detected in groundwater.

- Monthly, quarterly, or semi-annual groundwater elevation monitoring at the wells referenced in Table 2.

GE's spring 2006 groundwater analytical results from GMA 4 indicated an apparent increase in PCB concentrations in filtered samples at several monitoring wells compared to prior data. Moreover, at one of the locations at which PCBs were detected by the laboratory used by GE, no PCBs were detected in the EPA-analyzed split sample. To further assess this discrepancy and to evaluate the performance of GE's laboratory, GE proposed to conduct an expedited round of sampling activities at selected locations and to submit samples for PCB analysis to separate laboratories. EPA conditionally approved GE's expedited sampling proposal in an electronic communication dated September 25, 2006 and GE conducted the expedited groundwater sampling activities on September 28, 2006 to October 2, 2006.

GE summarized the expedited groundwater sampling activities in the letter to EPA dated November 7, 2006. In contrast to the spring 2006 laboratory data, the September/October 2006 sampling showed no detectable PCBs in all but a single sample, and, in that sample, a single PCB Aroclor (reported as Aroclor-1254, although the sample exhibited an altered PCB pattern) was detected at only a trace concentration (0.000022 ppm). Due to a lack of detectable concentrations of PCBs in most of the additional samples analyzed, the conclusions to be drawn from the comparison of the data collected from the two laboratories were limited. Therefore, GE proposed to continue the laboratory assessment during the fall 2006 sampling event at GMA 4. EPA approved the continuation of the laboratory assessment in EPA letter dated November 28, 2006 and split samples from all wells were collected for PCB analysis during the fall 2006 monitoring round were submitted to separate laboratories. After evaluating the data from the fall 2006 sampling round, GE concluded that the two laboratories reported similar results when PCB concentrations were above the detection limits of the respective laboratories, and GE therefore returned to utilization of a single laboratory for PCB analysis. The Fall 2006 GMA 4 Groundwater Quality Monitoring Interim Report was approved by EPA in a letter dated April 4, 2007.

GE initiated the spring 2007 groundwater sampling event on April 17, 2007 and completed the required data collection at all locations scheduled to be sampled during the spring 2007 sampling event on April 20, 2007. The GMA 4 interim groundwater quality monitoring program activities performed in spring 2007 are summarized in Table 1.

1.3 Format of Document

The remainder of this report is presented in five sections. Section 2 describes the activities performed under the interim monitoring program at GMA 4 in spring 2007. Section 3 presents the analytical results obtained during the spring 2007 groundwater sampling event, while 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 2007 activities, including a comparison to those Performance Standards. A comparison of the recent monitoring results to the prior OPCA-related monitoring data is also provided. Finally, Section 5 presents the schedule for future field and reporting activities related to groundwater quality at GMA 4.

2. Field and Analytical Procedures

2.1 General

The activities conducted as part of the interim 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 4, as described on Tables 1 and 2, and depicted on Figure 2. The construction details of the wells that were monitored and/or sampled at GMA 4 in spring 2007 are provided in Table 3, and the spring 2007 field sampling records are presented in Appendix D. This section discusses the field procedures used to measure site groundwater levels, check for the presence of NAPL, and collect groundwater samples, as well as the methods used to analyze the groundwater samples. All activities were conducted in accordance with GE's March 30, 2007 *Project Operations Plan (POP) and Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP)*.

2.2 Groundwater Level Measurement and LNAPL Monitoring

Groundwater elevations were measured at selected wells shown in Table 2. Quarterly groundwater elevation monitoring commenced with the summer 2006 monitoring event. The winter groundwater elevation monitoring event was performed on January 17, 2007. The spring 2007 groundwater elevation monitoring event at GMA 4 was performed on April 24, 2007. Groundwater elevations were, on average, approximately 1.18 feet higher than the elevations measured during the prior spring monitoring round in 2006 at water table wells measured during both monitoring events. Table 4 summarizes the groundwater elevation monitoring data for the two monitoring events. The groundwater elevation data shown in that table were subsequently used to prepare groundwater elevation contour maps of the winter and spring groundwater monitoring events (Figures 3 and 4). As shown on these figures, the groundwater flow directions are generally consistent with those observed during previous seasonal monitoring events. A comparison of the groundwater contour maps with the top of till contour map (Figure 5) shows that groundwater elevations are generally correlated to changes in the elevation of the glacial till interface. Specifically, groundwater generally flows from north to south, although variations exist corresponding to changes in the topography of the ground surface and/or the glacial till interface, including a prominent groundwater depression extending from northwest to southeast across the western portion of the GMA. Wells 78-6 and GMA4-6 are located within this depression along the northern portion of GMA 4 and the groundwater elevations at these wells are lower than in other wells surrounding the OPCAs to the east and west. Figures 3 and 4 show that groundwater flow in the immediate vicinity of these wells is generally west to east

near well GMA4-6 and east to west near well 78-6. As directed in EPA's June 5, 2006 letter, GE will continue to monitor wells in this area to evaluate groundwater flow conditions around the OPCAs.

Prior to June 2003, weekly groundwater and LNAPL measurements were collected at well H78B-8R. If present, LNAPL was recovered and properly disposed. In June 2003, well H78B-8R was decommissioned in order to accommodate the expansion of the Hill 78 OPCA. This well (H78B-8R) was the only location within GMA 4 where NAPL had been encountered. Since the removal of well H78B-8R, particular attention has been given to wells OPCA-MW-2 and OPCA-MW-3 (located downgradient from former well H78B-8R) when groundwater measurements and samples were obtained. In addition, well GMA4-3 has been monitored on a monthly basis since April 2005 to assess the extent of LNAPL observed at GMA 3, located to the east of GMA 4, in the vicinity of Buildings 51 and 59. No NAPL was observed at any of these locations.

The results of all groundwater elevation/NAPL monitoring activities performed during spring 2007 are summarized in Appendix E. As noted above, field observations and measurements indicate that NAPL has not entered wells OPCA-MW-2, OPCA-MW-3, or GMA4-3, or been encountered in any of the other wells monitored and/or sampled during spring 2007.

2.3 Groundwater Sampling and Analysis

2.3.1 GMA 4 Sampling

The spring 2007 interim sampling event was performed between April 17 and April 20, 2007 at 12 groundwater monitoring wells, which are the groundwater monitoring wells associated with the OPCA monitoring program. All activities were conducted in accordance with GE's March 30, 2007 *Project Operations Plan* (POP) and *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP). The pump intake depth and type of pump used during the spring 2007 sampling event are identified on the sampling records contained in Appendix D.

Low-flow sampling techniques, using either a bladder or peristaltic pump, were utilized for the purging and collection of groundwater samples during this sampling event. Each monitoring well that was sampled was purged utilizing low-flow sampling techniques until field parameters (including temperature, pH, specific conductivity, turbidity, dissolved oxygen, and, oxidation-reduction potential) stabilized 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 5 and the field sampling records are provided in Appendix D.

A general summary of the field measurement results during the spring 2007 monitoring event is provided below.

Parameter	Units	Range
Temperature	Degrees Celsius	5.29-10.65
pH	pH units	5.96-8.16
Specific Conductivity	Millisiemens per centimeter	0.228-3.307
Turbidity	NTUs	0-37
Dissolved Oxygen	Milligrams per liter	0.57-11.47
Oxidation-Reduction Potential	Millivolts	25.7-649.40

As shown above and in Table 5 for this sampling event, none of the groundwater samples extracted from the monitoring wells had turbidity levels greater than the target level of 50 NTU upon stabilization. These results indicate that the sampling and measurement procedures utilized during this sampling event were effective in obtaining representative groundwater samples with low turbidity.

The collected groundwater samples were submitted to SGS Environmental Services, Inc. (SGS) of Wilmington, North Carolina for laboratory analysis. All groundwater samples collected during this sampling event were submitted for analysis of the following constituents using the associated EPA methods:

Constituent	EPA Method
VOCs	8260B
SVOCs	8270C
PCBs (Filtered Samples)	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Metals (Filtered Samples)	6010B, 7000A, and 7470A
Physiologically Available Cyanide (Filtered Samples)	9014/MDEP PAC Protocol
Sulfide	9034

Following receipt of the analytical data on the GE samples 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.

The GE data for the spring 2007 interim groundwater quality sampling were validated in accordance with the FSP/QAPP. As discussed in the validation report provided as Appendix F-1, 99.9% of the spring 2007 groundwater quality data are considered to be useable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP. The VOC, PCB, PCDD/PCDF, and inorganic sample results were found to be 100% usable. SVOC sample results were found to be 99.7% usable. The only rejected data were five SVOC sample results where the 4-nitroaniline data were rejected due to LCS/LCSD recovery deviations.

2.3.2 Pittsfield Generating Company Sampling

In accordance with PGC's existing permitted program, PGC personnel currently collect groundwater samples for analysis of VOCs and PCBs from PGC's deep bedrock groundwater extraction well (well ASW-5, screened at approximately 441 to 457 feet below ground surface). This well serves as the primary source of cooling water for the PGC plant. GE has included the analytical results provided by PGC for samples collected from ASW-5 in this report, as well as a comparison of these data to historical results. A summary of well ASW-5 monitoring results is provided in Table C-1 within Appendix C.

3. Groundwater Analytical Results

3.1 General

A description of the spring 2007 groundwater analytical results is presented in this section. Tables 6 and 7 provide a comparison of the concentrations of detected constituents with the currently applicable GW-2 and GW-3 groundwater quality Performance Standards established in the CD and SOW (for wells where those respective standards apply), while Table 8 presents a comparison of the concentrations of detected constituents with the UCLs for groundwater (for all wells sampled in spring 2007). Table A-1 in Appendix A provides the complete data set (constituents detected and not detected) for the groundwater samples analyzed during this sampling event. An assessment of these results relative to those groundwater quality Performance Standards and the UCLs is provided in Section 4.

3.2 Interim Groundwater Quality Results

The following subsections provide an overview of the spring 2007 analytical results from the GMA 4 groundwater quality monitoring wells for each constituent group that was analyzed.

3.2.1 VOC Results

A total of 12 groundwater samples were collected and analyzed for VOCs during the spring 2007 sampling event. The VOC analytical results are summarized in Table 8 and Table A-1 (within Appendix A). No VOCs were detected in nine of the groundwater samples, while three individual VOCs were observed in the three remaining samples (one individual VOC per well). Where detected, total VOC concentrations were 0.012 ppm (tetrachloroethene at well OPCA-MW-1R), 0.001 ppm (trichloroethene at well OPCA-MW-4), and 0.011 ppm (toluene at well OPCA-MW-8). Each of these substances had previously been detected in the same wells. No VOCs were detected in the groundwater samples from well 78-1, 78-6, GMA4-6, H78B-15, OCPA-MW-2, OPCA-MW-3, OPCA-MW-5R, OPCA-MW-6, and OPCA-MW-7.

3.2.2 SVOC Results

A total of 12 groundwater samples were collected and analyzed for SVOCs during the spring 2007 sampling event. The SVOC analytical results are summarized in Table 8 and Table A-1 (within Appendix A). A single SVOC (bis(2-ethylhexyl)phthalate) was detected at well GMA4-6 at an estimated concentration of 0.0016 ppm.

3.2.3 PCB Results

Filtered groundwater samples from 12 wells were analyzed for PCBs as part of the spring 2007 sampling event. The PCB analytical results are summarized in Table 8 and Table A-1 (within Appendix A).

PCBs were detected in two of the 12 filtered samples at an estimated concentration of 0.000043 ppm (OPCA-MW-4) and a concentration of 0.00024 ppm (OPCA-MW-5R). The concentrations of PCBs detected in the samples are all below the MCP GW-3 standard for PCBs. No PCBs were detected in wells 78-1, 78-6, GMA4-6, H78B-15, OPCA-MW-1R, OPCA-MW-2, OPCA-MW-3, OPCA-MW-6, OPCA-MW-7, or OPCA-MW-8.

3.2.4 PCDD/PCDF Results

Groundwater samples collected from 12 monitoring wells were analyzed for PCDDs/PCDFs during the spring 2007 sampling event. The analytical results are summarized in Table 8 and Table A-1 (within Appendix A). 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 $0.66x10^{-8}$ ppm to $0.78x10^{-8}$ ppm.

3.2.5 Inorganic Constituent Results

Filtered groundwater samples were obtained from 12 monitoring wells, which were sampled and analyzed in accordance with the current interim monitoring program protocols, for analysis of inorganic constituents during the spring 2007 sampling event. Unfiltered samples from the 12 wells were also analyzed for sulfide. The analytical results for these samples are summarized in Table 8 and Table A-1 (within Appendix A).

All sampling locations contained inorganic constituents in the filtered samples. The thirteen inorganic constituents which were detected in the spring 2007 samples include antimony, arsenic, barium, beryllium, chromium, copper, mercury, nickel, selenium, silver, tin, vanadium, and zinc. Barium, copper, and tin were the mostly commonly observed inorganic constituents (detected in all twelve filtered samples), followed by zinc (detected in eleven filtered samples). Sulfide was detected in one unfiltered sample at a concentration of 1.10 ppm (GMA4-6). All detected inorganic constituent concentrations were below the applicable MCP Method 1 GW-3 standards.

3.3 Pittsfield Generating Company Sample Results

The results of the most recent deep bedrock groundwater sampling activities performed by PGC at industrial supply well ASW-5 (conducted in June 2007), along with data from prior sampling events, are summarized in Table C-1 of Appendix C. PCBs were not detected in this well, while the only VOC detected in the groundwater sample collected from this well was TCE at a concentration of 0.0086 ppm.

4. Assessment of Results

4.1 General

This report constitutes the seventh interim groundwater quality monitoring report for GMA 4, and is the thirteenth monitoring report submitted since commencement of the groundwater monitoring program associated with the OPCAs. The information presented herein is based on the laboratory results obtained during the spring 2007 groundwater sampling event, supplemented with historical groundwater analytical data when applicable.

4.2 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 4 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 4 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 below ground surface (bgs) 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 and nearby 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 ultimately discharge to surface water. In accordance with the CD and SOW, all groundwater at GMA 4 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 4. The current MCP

Method 1 GW-2 and GW-3 standards for the constituents detected in the spring 2005 sampling event are listed in Tables 6 and 7, respectively. 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.

On January 9, 2006, MDEP approved revised Method 1 numerical standards for a number of constituents in groundwater. The revised standards became effective on April 3, 2006. This report uses the revised numerical standards for those substances for which revised numerical standards exist.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 4 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 identified in the GMA 4 Baseline Monitoring Proposal Addendum and are described further in Sections 4.3.1 (for GW-2 wells) and 4.3.2 (for GW-3 wells).

In addition to the Performance Standards described above, analytical results from all groundwater monitoring wells sampled during the spring 2007 sampling event were compared to the MCP UCLs for groundwater. Analytical results from wells included in the OPCA groundwater monitoring program were also compared to the 1999 baseline data, as well as prior OPCA-related monitoring data, for those wells.

4.3 Groundwater Quality – Spring 2007

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the spring 2007 groundwater sampling event were compared to the groundwater Performance Standards for GMA 4. 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 2007 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 6 and 7 provide a comparison of the concentrations of the detected constituents with

the current GW-2 and GW-3 standards, respectively, while Table 8 presents a comparison of the concentrations of detected constituents with the MCP UCLs for groundwater.

With regard to constituents that may be analyzed as either a filtered or unfiltered sample (i.e., PCBs and inorganics), all monitoring wells were sampled and analyzed in accordance with the approved interim program protocols during the spring 2007 sampling event, which provides for the collection of filtered data only for PCB and inorganic constituent analyses (except for sulfide, which is analyzed in unfiltered samples only). The filtered results are utilized for comparison to the MCP GW-3 standards, while both the filtered and any unfiltered results are compared to the MCP UCLs for groundwater.

4.3.1 Groundwater Results Relative to GW-2 Performance Standards

Groundwater samples were collected from four monitoring wells at GMA 4 that have been designated as GW-2 monitoring wells and will be compliance points for the GW-2 standards. These wells are H78B-15, OPCA-MW-1R, OPCA-MW-4, and OPCA-MW-5R. The spring 2007 groundwater analytical results for the detected constituents within these four wells were compared to the MCP Method 1 GW-2 standards as presented in Table 6.

There were no exceedances of GW-2 standards during this sampling round. 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 within 30 feet of a school or occupied residential structure, and a potential trigger level, if seen at a well where the GW-2 standards had previously been exceeded, for the proposal of interim response actions). At well OPCA-MW-5R, vinyl chloride was not detected in the fall 2006 or the spring 2007 sampling events, although the concentration during the spring 2006 sampling event had exceeded the GW-2 standard for vinyl chloride.

4.3.2 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected from 12 wells designated as GW-3 monitoring points during the spring 2007 groundwater sampling event. Four of these wells (H78B-15, OPCA-MW-1R, OPCA-MW-4, and OPCA-MW-5R) are designated as GW-2 Sentinel/GW-3 general source area sentinel wells. Three of these wells (78-1, 78-6, and GMA 4-6) are GW-3 upgradient perimeter wells. Five wells (OPCA-MW-2, OPCA-MW-3, and OPCA-MW-6 though OPCA-MW-8) are downgradient GW-3 monitoring wells, which will ultimately serve as GW-3 compliance points. The analytical results for the constituents detected in these wells were compared to the applicable MCP Method 1 GW-3 standards as presented in Table 7. Although Table 7 provides a comparison of the spring 2007 analytical results

from all 12 monitoring wells with GW-3 standards, those wells are not all GW-3 compliance points.

None of the constituents detected in any of the wells during the spring 2007 sampling round was detected at a level above the respective GW-3 standard. PCBs were detected in only two wells and in both wells the concentrations were below the GW-3 standard of 0.0003 ppm. This is consistent with the fall 2007 results.

4.3.3 Comparison to Upper Concentration Limits

In addition to comparing the spring 2007 groundwater analytical results with applicable MCP Method 1 GW-2 and MCP Method 1 GW-3 standards, those results have also been compared with the groundwater UCLs specified in the MCP (310 CMR 40.0996(7)). These comparisons are presented in Table 8, which indicates that none of the constituents detected was above its respective UCL in any of the groundwater samples analyzed during the spring 2007 sampling event.

4.3.4 Comparison to OPCA Baseline and Prior Groundwater Data

Groundwater samples were collected from 12 OPCA monitoring wells during the spring 2007 interim sampling event. Analytical data from the samples collected were compared to the results of the 1999 OPCA baseline investigation and, where relevant, to the results of more recent semi-annual monitoring events. The analytical data from the initial OPCA groundwater monitoring events conducted in 1999 and 2001 are summarized in Table B-1 within Appendix B, along with data collected during the most recent year of sampling. Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB concentrations for the OPCA wells over the duration of the groundwater monitoring program are also presented in Appendix B, along with graphs of historical concentrations of individual constituents where concentrations exceeded the applicable current MCP Method 1 GW-2 or GW-3 standards or UCLs during at least one OPCA monitoring program sampling event. The results of these comparisons for each analytical constituent group (i.e., VOCs, SVOCs, PCBs, PCDDs/PCDFs, and inorganics) are discussed below.

With limited exceptions, the spring 2007 groundwater sampling results from the OPCA monitoring wells were consistent with those from the baseline round and/or recent sampling events (other than the spring 2006 PCB data, which, as discussed below, appear to have been anomalous). All constituents were below the applicable UCLs, Method 1 GW-2 standards, and/or Method 1 GW-3 standards.

VOCs

Three VOCs were detected in the spring 2007 OPCA monitoring well samples. Toluene was detected in one well (OPCA-MW-8) at a concentration of 0.001 ppm, which is well below the GW-3 standard of 4 ppm. Tetrachloroethene was detected at well OPCA-MW-1R at a concentration of 0.012 ppm. This is slightly less than the concentration detected in the fall 2007 sampling event (0.018 ppm) at this well. Trichloroethene was detected at well OPCA-MW-4 at a concentration of 0.0010 ppm. Trichloroethene was detected at well OPCA-MW-4 during the previous two monitoring events at concentrations of 0.0020 ppm (Fall 2006), and at an estimated concentration of 0.0016 ppm (spring 2006). These concentrations are all below the GW-3 standards, as shown in Table 7. Vinyl chloride, which was detected in well OPCA-MW-5R in spring 2006 at a concentration above the GW-2 standard, was not detected at this well during this monitoring round or during the previous monitoring round (fall 2006). As shown in the graph in Appendix B, there has been only one detection of vinyl chloride at well OPCA-MW-5R in fourteen sampling events. Therefore, the data from the spring 2006 monitoring round appear to be anomalous.

These VOC results are generally consistent with the 1999 baseline sampling analytical results and have been compared with the historical results as illustrated in the graphs provided in Appendix B. As discussed below, GE plans to continue the OPCA groundwater monitoring program and to continue to monitor concentrations of these and other constituents in the OPCA wells.

SVOCs

One SVOC (bis(2-ethylhexyl)phthalate) was detected at well GMA4-6 at an estimated concentration of 0.0016 ppm in spring 2007. No SVOCs were detected in this well in fall 2006, the first time this well was sampled. Bis(2--ethylhexyl)phthalate, a common laboratory contaminant, was detected at well 78-1 at trace levels in the spring 2006 groundwater sample analyzed for SVOCs by EPA (but was not detected in the sample analyzed by GE).

PCBs

The spring 2007 analytical results for the OPCA monitoring program indicate that PCBs were detected in two of the twelve filtered samples, at an estimated concentration of 0.000043 ppm at well OPCA-MW-4, and a concentration of 0.00024 ppm at well OPCA-MW-5R.

The spring 2007 groundwater analytical results are less than or consistent with the previous sampling results, excluding an apparent single increase in PCB concentrations observed in the spring 2006 round. At wells 78-6, OPCA-MW-1R and OPCA-MW-7, where exceedances of total PCBs occurred in the spring 2006 sampling event, no PCBs were detected during the spring 2007 sampling round. As stated previously, well OPCA-MW-4, which also exceeded the GW-3 standards during the 2006 spring sampling event, had an estimated concentration of 0.000043 ppm PCBs during the current event. As shown in the graph of well OPCA-MW-5R in Appendix B, total PCBs are slightly higher during several of the spring events compared to the data from the preceding fall samples. The graphs of historical total PCB concentrations in Appendix B also show that the PCB concentrations from the spring 2007 sampling event are consistent with previous sampling events and, as stated in the fall 2006 sampling report, the spring 2006 results appear to be anomalous at certain locations.

Other Appendix IX+3 Constituents

Low levels of PCDDs were observed in OPCA groundwater monitoring program wells GMA4-6, OPCA-MW-1R, OPCA-MW-4, OPCA-MW-5R, OPCA-MW-7, and OPCA-MW-8, and trace levels of PCDFs were detected in six wells (78-1, OPCA-MW-1R, OPCA-MW-3, OPCA-MW5R, OPCA-MW-7, and OPCA-MW-8) during the spring 2007 sampling event. No PCDDs or PCDFs were detected in wells 78-6, H78B-15 , OPCA-MW-2, and OPCA-MW-6. As previously discussed in Section 3.2.4, TEQ values are calculated for each sample using TEFs and half the detection limit for non-detected PCDDs and PCDFs. The concentrations of these TEQ values are similar to those previously observed during the OPCA groundwater monitoring program and are also below the applicable UCL and Method 1 GW-3 standard.

For inorganic constituents, minor variations in detected concentrations have been observed in several monitoring wells. These fluctuations have been observed during the course of the OPCA groundwater monitoring program and are considered typical for inorganic constituents in groundwater. All of the inorganic constituents detected in spring 2007 were at concentrations less than the applicable Method 1 GW-3 standards and UCLs.

4.3.5 Pittsfield Generating Company Supply Well

As noted above, PGC analyzed one groundwater sample obtained from its deep bedrock industrial cooling-supply well ASW-5 for VOCs and PCBs in accordance with its approved monitoring program. No constituents other than TCE were detected in the most recent sample obtained from supply well ASW-5. A table and graphs summarizing the historical

analytical results for this well are provided in Appendix C. As shown on those graphs, total VOC concentrations (consisting primarily of TCE) have remained fairly consistent, ranging between 0.009 ppm and 0.038 ppm since June 1996, with the spring 2007 total VOC result (0.009 ppm) being the lowest of this historical range. None of the VOCs detected in this supply well has been observed at concentrations above the MCP Method 1 GW-3 standards. In addition, PCBs have not been detected in this well in any of the samples collected during this time frame.

4.4 Overall Assessment of Groundwater Analytical Results

Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB concentrations for all wells sampled in spring 2007 are presented in Appendix B. In addition, Appendix B contains graphs of historical concentrations of individual constituents at monitoring wells where concentrations exceeded the applicable current MCP Method 1 GW-2 or GW-3 standards or UCLs during one or more of the prior baseline, interim, or OPCA monitoring program sampling events.

Based on a review of the concentration vs. time graphs presented in Appendix B, VOCs have not been detected or have remained at low levels in the majority of the wells that have been monitored, with the exception of certain wells located within the groundwater depression extending from northwest to southeast beneath the Hill 78 OPCA and PGC facility, where varying concentrations of chlorinated VOCs have been observed. Wells H78B-16 and H78B-17R are located within this area, but were not scheduled to be sampled in spring 2007. The presence of VOCs in these wells will be further assessed following the next annual interim sampling event at these locations in fall 2007.

As discussed above, the spring 2007 groundwater sampling and analysis results from GMA 4 showed no wells exceeding the applicable groundwater quality standard for any constituent. PCB concentrations showed a significant decrease from spring 2006, when anomalously high PCB concentrations were detected at certain wells. In general, the PCB data have not exhibited any clear trends (either seasonal or from event to event) during the course of the monitoring program. Rather, as indicated in previous reports for this GMA, fluctuations in PCB concentrations have generally been observed on a GMA-wide basis during certain monitoring events.

4.5 NAPL Monitoring Results

NAPL monitoring was conducted during all groundwater elevation monitoring activities conducted in spring 2007. NAPL was not observed in any of the GMA 4 monitoring wells monitored during this time period, including wells OPCA-MW-2 and OPCA-MW-3, which are located downgradient of the only known occurrence of NAPL at this GMA (i.e., at well H78B-8R, which was decommissioned as part of the OPCA construction). In addition to the semi-annual groundwater elevation/NAPL monitoring event, GE continued monthly groundwater elevation/NAPL monitoring at well GMA4-3 to verify that LNAPL has not migrated from GMA 3 to the western side of Plastics Avenue. The results of this monitoring are provided in Appendix E (along with all other monitoring data collected in spring 2007). LNAPL has not been detected at well GMA4-3 since monthly monitoring was initiated in April 2005. GE plans to continue to monitor well GMA4-3 on a monthly basis for the presence of LNAPL and will include those results, along with any proposals to address the monitoring results, in the future groundwater quality reports for GMA 3 and GMA 4.

5. Schedule of Future Activities

5.1 General

In spring 2007, GE conducted the seventh sampling event of the interim groundwater monitoring program. This program will be conducted until completion of any necessary soil-related Removal Actions at the RAAs that comprise GMA 4. The spring 2007 monitoring event included the OPCA groundwater monitoring program, which will be continued during the interim period with sampling and analysis being conducted on a semi-annual basis until closure of the OPCAs, and monthly, quarterly, or semi-annual groundwater elevation monitoring at specific wells, as shown in Table 2.

GE has reviewed the groundwater analytical data from this sampling event for results that would indicate the need to modify the interim monitoring program. The spring 2007 data is generally consistent with prior monitoring events and no modifications to the interim monitoring program are proposed at this time.

This section addresses the schedule for future groundwater quality monitoring activities and reporting for GMA 4. Specifically, this section provides a schedule for the upcoming fall 2007 interim monitoring/sampling event and associated reporting activities. A summary of the fall 2007 interim sampling program is provided in Table 9.

5.2 Field Activities Schedule

GE anticipates that the fall 2007 interim sampling event will take place in October 2007. Semi-annual sampling and analyses will be performed at the twelve OPCA groundwater monitoring program wells. Analyses of groundwater samples will be performed according to the requirements of the OPCA groundwater monitoring program, as listed in Table 9. The annual sampling of wells H78B-16 and H78-17R for select constituents will also be performed.

Groundwater elevations from select wells will be monitored on a quarterly basis, with future monitoring rounds conducted during the months of April, July, October, and January. The October 2007 monitoring round will also include all baseline wells that have been retained for semi-annual groundwater elevation monitoring. Well GMA4-3 will continue to be monitored for NAPL on a monthly basis throughout fall 2007.

If wells or piezometers are installed on the Allendale School property and utilized by EPA in 2007, GE will attempt to coordinate its groundwater monitoring activities with similar EPA-conducted groundwater elevation monitoring that may be performed in that area to allow the collection of supplemental data for inclusion in GE's future GMA 4 evaluations and reporting.

Prior to performance of these field activities, GE will provide EPA with 7 days advance notice to allow: (1) the assignment of field oversight personnel; (2) preparations to split samples with EPA's contractor; and (3) the collection by EPA of groundwater levels at the Allendale wells in conjunction with GE's groundwater elevation monitoring activities at GMA 4 (if desired).

5.3 Reporting Schedule

GE will continue to provide the results of preliminary groundwater elevation and analytical data in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

GE will submit the fall 2007 Interim Groundwater Quality Report for GMA 4 by February 28, 2008, in accordance with the reporting schedule approved by EPA. That report will present the final, validated fall 2007 interim sampling results, including a summary of data from other groundwater-related activities conducted at GMA 4 between July 2007 and December 2007, a discussion of those results, and any proposals to further modify the interim monitoring program.

Tables

Table 1
Groundwater Quality Monitoring Program Summary

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Comments
78-1	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
78-6	GW-3 Perimeter/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
GMA4-6	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
H78B-15	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
H78B-16	Supplemental Well for TCE Evaluation	Annual	VOC	Not sampled in Spring 2007. Sampling of these two wells is to be conducted on an annual basis, alternating between the spring and fall seasons each year. This schedule began with the spring 2004 event and the next scheduled sampling will be fall 2007.
H78B-17R	GW-3 Perimeter (Downgradient)	Annual	VOC	
OPCA-MW-1R	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Replaced well OPCA-MW-1 following spring 2006 sampling event. Sampled in Spring 2007
OPCA-MW-2	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
OPCA-MW-3	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
OPCA-MW-4	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
OPCA-MW-5R	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
OPCA-MW-6	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
OPCA-MW-7	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007
OPCA-MW-8	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX [1,2]	Sampled in Spring 2007

Notes:

1. Appendix IX+3 analyses consists of those non-PCB constituents listed in Appendix IX of 40 CFR Part 264 excluding pesticides and herbicides) plus three constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine.
2. Per the interim monitoring program protocols, analyses for PCBs, metals, and cyanide performed on filtered samples only.

Table 2
Groundwater Elevation Monitoring Program Summary

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

Well Number	Monitoring Schedule	Comments
60A	Semi-Annual	Well paved over prior to spring 2007 monitoring event
60B-R	Semi-Annual	
78-1	Quarterly	
78-2	Quarterly	
78-3	Semi-Annual	
78-4	Semi-Annual	
78-5R	Semi-Annual	
78-6	Quarterly	
ES1-20	Quarterly	GMA 1 monitoring well along boundary of GMA 4
GMA4-1	Semi-Annual	
GMA4-2	Semi-Annual	
GMA4-3	Monthly	
GMA4-4	Quarterly	
GMA4-6	Quarterly	
H78B-13R	Semi-Annual	
H78B-15	Semi-Annual	
H78B-16	Semi-Annual	
H78B-17	Semi-Annual	
H78B-17R	Semi-Annual	
NY-3	Quarterly	
NY-4	Quarterly	
OPCA-MW-1R	Quarterly	
OPCA-MW-2	Quarterly	
OPCA-MW-3	Quarterly	
OPCA-MW-4	Quarterly	
OPCA-MW-5R	Quarterly	
OPCA-MW-6	Quarterly	
OPCA-MW-7	Quarterly	
OPCA-MW-8	Quarterly	
RF-14	Semi-Annual	
RF-15	Semi-Annual	
SCH-4	Quarterly	
UB-MW-5	Semi-Annual	
UB-MW-6	Semi-Annual	

Note:

1. The listed monitoring wells are monitored for groundwater elevation and NAPL presence at the frequencies shown above.

Table 3
Monitoring Well Construction Summary

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

Monitoring Well Number	Survey Coordinates		Well Diameter (in)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft BGS)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)
	Northing	Easting							
60A	536026.90	138126.20	2.00	1,002.62	1,001.71	45.0	5.0	957.62	952.62
60B-R	536021.40	138133.00	2.00	1,003.04	1,002.79	12.0	10.0	991.04	981.04
78-1	536143.95	136345.00	4.00	1,027.40	1,026.32	8.0	15.0	1,019.40	1,004.40
78-2	536412.95	136892.57	4.00	1,034.90	1,033.96	6.0	15.0	1,028.90	1,013.90
78-3	535127.67	137132.78	4.00	1,008.10	1,007.13	10.0	15.0	998.10	983.10
78-4	535014.77	136555.05	4.00	999.50	998.55	6.0	15.0	993.50	978.50
78-5R	534944.00	136219.20	2.00	997.96	997.36	4.0	15.0	993.96	978.96
78-6	535917.90	135919.00	4.00	1,012.33	1,012.00	3.0	15.0	1,009.33	994.33
ES1-20	535314.82	134924.90	0.75	997.82	1,001.56	6.0	10.0	991.82	981.82
GMA4-1	535134.40	136407.20	2.00	1,012.35	1,012.06	13.3	15.0	999.05	984.05
GMA4-2	536218.10	137516.40	2.00	1,006.22	1,006.06	9.59	10.0	996.63	986.63
GMA4-3	536289.60	137999.80	2.00	1,004.14	1,003.95	16.09	10.0	988.05	978.05
GMA4-4	535332.20	135149.40	2.00	996.60	999.64	5.0	15.0	991.60	976.60
GMA4-6	535774.20	135658.40	2.00	1,009.62	1,009.12	3.0	10.0	1,006.62	996.62
H78B-13R	534740.20	135327.90	2.00	993.23	992.93	5.0	15.0	988.23	973.23
H78B-15	535408.90	136705.20	0.75	1,009.80	1,012.68	6.0	10.0	1,003.80	993.80
H78B-16	535040.80	136495.50	0.75	996.00	999.33	4.0	10.0	992.00	982.00
H78B-17	534997.30	136666.20	1.00	999.30	1,002.54	6.0	10.0	993.30	983.30
H78B-17R	534996.00	136659.20	4.00	999.20	1,000.31	14.3	9.3	984.90	975.60
NY-3	535508.40	135077.10	4.00	1,005.60	1,005.33	10.0	15.0	995.60	980.60

Table 3
Monitoring Well Construction Summary

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

Monitoring Well Number	Survey Coordinates		Well Diameter (in)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft BGS)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)
	Northing	Easting							
NY-4	535669.20	135360.10	4.00	1,024.80	1,024.24	17.0	15.0	1,007.80	992.80
OPCA-MW-1R	535377.40	135573.90	2.00	1,016.97	1,016.46	10.0	15.0	1,006.97	991.97
OPCA-MW-2	535180.57	135917.60	2.00	1,017.30	1,019.58	13.0	10.0	1,004.30	994.30
OPCA-MW-3	535299.60	136188.90	2.00	1,015.30	1,014.83	18.0	10.0	997.30	987.30
OPCA-MW-4	535570.22	136222.55	2.00	1,019.20	1,018.67	12.0	10.0	1,007.20	997.20
OPCA-MW-5R	535630.68	136477.98	2.00	1,016.64	1,016.34	11.25	10.0	1,005.39	995.39
OPCA-MW-6	535449.44	136901.92	2.00	1,022.70	1,022.31	15.0	10.0	1,007.70	997.70
OPCA-MW-7	535673.73	136835.86	2.00	1,026.90	1,026.57	14.0	10.0	1,012.90	1,002.90
OPCA-MW-8	535989.21	136679.68	2.00	1,027.90	1,027.40	13.5	10.0	1,014.40	1,004.40
RF-14	536833.60	137753.70	4.00	1,001.90	1,001.59	7.0	15.0	994.90	979.90
RF-15	535638.20	137802.90	1.00	1,012.18	1,011.80	9.0	15.0	1,003.18	988.18
SCH-4	535975.46	136030.74	2.00	1,012.27	1,014.05	7.9	10.0	1,004.37	994.37
UB-MW-5	536364.60	137001.00	2.00	1,006.28	1,006.06	7.0	10.0	999.28	989.28
UB-MW-6	535541.60	137463.10	2.00	1,020.55	1,019.79	26.0	10.0	994.55	984.55
ES1-20[4]	535314.82	134924.90	0.75	997.82	1,001.56	6.0	10.0	991.82	981.82

NOTES:

1. ft AMSL - Feet above mean sea level
2. ft BGS - Feet below ground surface
3. NA - Information not available.
4. ES1-20 is located in Groundwater Management Area 1, but also utilized as part of the GMA 4 groundwater elevation monitoring program.

Table 4
Groundwater Elevation Data - Winter/Spring 2007

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

Well Number	Date Measured	Groundwater Elevation [1]
Winter 2006-2007 Monitoring Event		
78-1	1/17/2007	1,018.37
78-2	1/17/2007	1,024.36
78-6	1/17/2007	1,005.90
GMA4-3	1/17/2007	986.55
GMA4-4	1/17/2007	987.62
GMA4-6	1/17/2007	1,001.94
NY-3	1/17/2007	990.28
NY-4	1/17/2007	1,016.34
OPCA-MW-1R	1/17/2007	1,012.98
OPCA-MW-2	1/17/2007	1,003.08
OPCA-MW-3	1/17/2007	995.03
OPCA-MW-4	1/17/2007	1,006.52
OPCA-MW-5R	1/17/2007	1,005.09
OPCA-MW-6	1/17/2007	1,004.87
OPCA-MW-7	1/17/2007	1,007.67
OPCA-MW-8	1/17/2007	1,017.60
SCH-4	1/17/2007	1,007.47
ES1-20	1/17/2007	988.46
Spring 2007 Monitoring Event		
60B-R	4/24/2007	989.14
78-1	4/24/2007	1,018.81
78-2	4/24/2007	1,026.35
78-3	4/24/2007	991.99
78-4	4/24/2007	987.32
78-5R	4/24/2007	992.87
78-6	4/24/2007	1,006.16
GMA4-1	4/24/2007	990.71
GMA4-2	4/24/2007	994.42
GMA4-3	4/24/2007	987.85
GMA4-4	4/24/2007	990.73
GMA4-6	4/24/2007	1,002.52
H78B-13R	4/24/2007	984.21
H78B-15	4/24/2007	1,000.03
H78B-16	4/24/2007	988.33
H78B-17	4/24/2007	986.35
H78B-17R	4/24/2007	987.59
NY-3	4/24/2007	991.18
NY-4	4/24/2007	1,016.26

Table 4
Groundwater Elevation Data - Winter/Spring 2007

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

Well Number	Date Measured	Groundwater Elevation [1]
OPCA-MW-1R	4/24/2007	1,013.05
OPCA-MW-2	4/24/2007	1,003.71
OPCA-MW-3	4/24/2007	996.52
OPCA-MW-4	4/24/2007	1,007.17
OPCA-MW-5R	4/24/2007	1,005.56
OPCA-MW-6	4/24/2007	1,007.04
OPCA-MW-7	4/24/2007	1,008.36
OPCA-MW-8	4/24/2007	1,019.93
RF-14	4/24/2007	994.98
RF-15	4/24/2007	999.29
SCH-4	4/24/2007	1,007.12
UB-MW-5	4/24/2007	993.86
UB-MW-6	4/24/2007	1,000.96
ES1-20	4/24/2007	990.81

Notes:

1. The elevation shown is in feet above mean sea level.
2. The data shown above was utilized in the preparation of the winter 2006/2007 and spring 2007 groundwater elevation contour maps for GMA 4. Other groundwater elevation data collected from January to June 2007 is provided in Appendix E.

Table 5
Field Parameter Measurements - Spring 2007

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Mamangement Area 4
General Electric Company- Pittsfield, Massachusetts

Well Number	Temperature (deg. C)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
78-1	7.91	6.80	0.618	2	1.51	649.4
78-6	5.29	7.23	1.281	25	6.41	25.7
GMA4-6	6.19	6.37	1.756	3	0.98	141.1
H78B-15	5.51	6.70	0.640	0	11.47	243.5
OPCA-MW-1R	10.65	7.20	3.307	9	6.18	121.5
OPCA-MW-2	8.08	7.87	0.659	2	5.04	205.9
OPCA-MW-3	10.08	5.96	0.749	14	0.57	218.3
OPCA-MW-4	6.45	6.30	0.710	12	4.38	161.7
OPCA-MW-5R	7.08	6.34	0.272	8	4.70	208.4
OPCA-MW-6	8.27	6.30	0.655	8	6.61	161.9
OPCA-MW-7	9.57	6.36	0.828	9	3.61	131.6
OPCA-MW-8	7.05	8.16	0.228	37	7.97	162.6

Notes:
1. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
2. NTU - Nephelometric Turbidity Units
3. deg. C - Degrees Celsius
4. SU - Standard Units
5. mS/cm - Millisiemens per centimeter
6. mV - Millivolts
7. mg/L - Milligrams per liter (ppm)

Table 6
Comparison of Groundwater Analytical Results to MCP Method 1 GW-2 Standards

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-2 Standards	H78B-15 04/18/07	OPCA-MW-1R 04/19/07	OPCA-MW-4 04/18/07	OPCA-MW-5R 04/18/07
Volatile Organics					
Tetrachloroethene	0.05	ND(0.0010) [ND(0.0010)]	0.012	ND(0.0010)	ND(0.0010)
Trichloroethene	0.03	ND(0.0010) [ND(0.0010)]	ND(0.0010)	0.0010	ND(0.0010)
Total VOCs	5	ND(0.10) [ND(0.10)]	0.012	0.0010	ND(0.10)
Semivolatile Organics					
None Detected	--	--	--	--	--

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Field duplicate sample results are presented in brackets.
6. Only those constituents detected in one or more samples are summarized.
7. -- Indicates that all constituents for the parameter group were not detected.
8. Total VOCs are being compared to the notification level in the SOW of 5 ppm, as there is no GW-2 standards for Total VOCs.

Table 7
Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07
Volatile Organics				
Tetrachloroethene	30	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	4	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	5	ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00012)	ND(0.00011)	ND(0.00011)
Total PCBs	0.0003	ND(0.00012)	ND(0.00011)	ND(0.00011)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	0.03	ND(0.010)	ND(0.010)	0.0016 J
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)
TCDFs (total)	Not Listed	0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
PeCDFs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HxCDFs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HpCDFs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
OCDF	Not Listed	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)
TCDDs (total)	Not Listed	ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
PeCDDs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HxCDDs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HpCDDs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	0.0000000060 J
OCDD	Not Listed	ND(0.000000011)	ND(0.000000011)	0.000000040 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000077	0.0000000069	0.0000000072
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	1.10
Inorganics-Filtered				
Antimony	8	ND(0.0400)	ND(0.0400)	0.00696 B
Arsenic	0.9	ND(0.0100)	0.00526 B	ND(0.0100)
Barium	50	0.0303 B	0.0337 B	0.0410 B
Beryllium	0.05	ND(0.0100) J	0.00115 J	0.00578 J
Mercury	0.02	0.000191 B	ND(0.000285)	ND(0.000285)
Nickel	0.2	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Selenium	0.1	0.00976 B	0.00957 B	0.0110 B
Tin	Not Listed	0.0163 J	0.0498	ND(0.0100) J
Vanadium	4	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.00245 B	0.00351 B	0.119

Table 7
Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	H78B-15 04/18/07	OPCA-MW-1R 04/19/07	OPCA-MW-2 04/19/07
Volatile Organics				
Tetrachloroethene	30	ND(0.0010) [ND(0.0010)]	0.012	ND(0.0010)
Toluene	4	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichloroethene	5	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00010) [ND(0.00011)]	ND(0.00011)	ND(0.00011)
Total PCBs	0.0003	ND(0.00010) [ND(0.00011)]	ND(0.00011)	ND(0.00011)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	0.03	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000013) [ND(0.0000000016)]	0.0000000045 J	ND(0.0000000035) X
TCDFs (total)	Not Listed	ND(0.0000000013) [ND(0.0000000016)]	0.0000000067 J	ND(0.0000000016)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
PeCDFs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HxCDFs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HpCDFs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
OCDF	Not Listed	ND(0.000000010) [ND(0.000000010)]	0.000000012 J	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000015) [ND(0.0000000019)]	ND(0.0000000018)	ND(0.0000000021)
TCDDs (total)	Not Listed	ND(0.0000000015) [ND(0.0000000019)]	ND(0.0000000018)	ND(0.0000000021)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
PeCDDs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HxCDDs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HpCDDs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
OCDD	Not Listed	ND(0.000000010) [ND(0.000000010)]	0.000000029 J	ND(0.000000011)
Total TEQs (WHO TEFs)	0.0000001	0.0000000066 [0.0000000069]	0.0000000072	0.0000000074
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	8	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Arsenic	0.9	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)	ND(0.0100)
Barium	50	0.00872 B [0.00850 B]	0.0646 B	ND(0.0100)
Beryllium	0.05	0.00529 B [ND(0.0100)]	0.00194 J	0.00386 J
Mercury	0.02	ND(0.000285) [ND(0.000285)]	ND(0.000285)	ND(0.000285)
Nickel	0.2	ND(0.0100) [0.00519 B]	ND(0.0100) J	ND(0.0100) J
Selenium	0.1	ND(0.0200) [ND(0.0200)]	ND(0.0200)	0.0111 B
Tin	Not Listed	ND(0.0100) J [0.00892 J]	ND(0.0100) J	ND(0.0100) J
Vanadium	4	ND(0.0500) [ND(0.0500)]	0.00665 B	ND(0.0500)
Zinc	0.9	0.00361 B [ND(0.0200)]	0.0388	0.00586 B

Table 7
Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	OPCA-MW-3 04/20/07	OPCA-MW-4 04/18/07	OPCA-MW-5R 04/18/07
Volatile Organics				
Tetrachloroethene	30	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	4	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	5	ND(0.0010)	0.0010	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00011)	0.000043 J	0.00024
Total PCBs	0.0003	ND(0.00011)	0.000043 J	0.00024
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	0.03	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000037 J	ND(0.0000000016)	0.0000000017 J
TCDFs (total)	Not Listed	0.0000000037 J	ND(0.0000000016)	0.0000000017 J
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
PeCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055) Q	ND(0.0000000053) Q
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HxCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HpCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
OCDF	Not Listed	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000016)
TCDDs (total)	Not Listed	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000016)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
PeCDDs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HxCDDs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HpCDDs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
OCDD	Not Listed	ND(0.000000011)	0.000000015 J	0.000000019 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000076	0.0000000073	0.0000000070
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	8	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	0.9	ND(0.0100)	ND(0.0100) J	ND(0.0100) J
Barium	50	0.0566 B	0.00875 B	0.0161 B
Beryllium	0.05	0.00713 J	ND(0.0100)	ND(0.0100)
Mercury	0.02	0.000197 B	ND(0.000285)	ND(0.000285)
Nickel	0.2	0.00664 J	0.00585 B	ND(0.0100)
Selenium	0.1	ND(0.0200)	ND(0.0200)	ND(0.0200)
Tin	Not Listed	ND(0.0100) J	0.0332 J	0.00102 J
Vanadium	4	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.0119 B	0.0290	0.0124 B

Table 7
Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	OPCA-MW-6 04/18/07	OPCA-MW-7 04/19/07	OPCA-MW-8 04/17/07
Volatile Organics				
Tetrachloroethene	30	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	4	ND(0.0010)	ND(0.0010)	0.011
Trichloroethene	5	ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00011)	ND(0.00010)	ND(0.00012)
Total PCBs	0.0003	ND(0.00011)	ND(0.00010)	ND(0.00012)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	0.03	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
TCDFs (total)	Not Listed	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDFs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051) Q
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDFs (total)	Not Listed	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HpCDFs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
OCDF	Not Listed	ND(0.000000011)	ND(0.000000011)	ND(0.000000010)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
TCDDs (total)	Not Listed	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDDs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDDs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
HpCDDs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
OCDD	Not Listed	ND(0.000000011)	0.000000016 J	0.000000035 J
Total TEQs (WHO TEFs)	0.0000001	0.0000000068	0.0000000078	0.0000000067
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	8	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	0.9	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Barium	50	0.00684 B	ND(0.0100)	0.00799 B
Beryllium	0.05	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Mercury	0.02	ND(0.000285)	ND(0.000285)	ND(0.000285)
Nickel	0.2	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Selenium	0.1	ND(0.0200)	0.00889 B	ND(0.0200)
Tin	Not Listed	0.00108 J	ND(0.0100) J	0.004120 J
Vanadium	4	ND(0.0500)	0.00657 B	ND(0.0500)
Zinc	0.9	ND(0.0200)	0.0400	0.00294 B

Table 7
Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
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. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles,dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.

Inorganics

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

Table 8
Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	MCP UCL for GroundWater	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07
Volatile Organics				
Tetrachloroethene	100	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	80	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	50	ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00012)	ND(0.00011)	ND(0.00011)
Total PCBs	0.005	ND(0.00012)	ND(0.00011)	ND(0.00011)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	100	ND(0.010)	ND(0.010)	0.0016 J
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)
TCDFs (total)	Not Listed	0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
PeCDFs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HxCDFs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HpCDFs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
OCDF	Not Listed	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)
TCDDs (total)	Not Listed	ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
PeCDDs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HxCDDs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)
HpCDDs (total)	Not Listed	ND(0.0000000054)	ND(0.0000000052)	0.0000000060 J
OCDD	Not Listed	ND(0.000000011)	ND(0.000000011)	0.000000040 J
Total TEQs (WHO TEFs)	0.000001	0.0000000077	0.0000000069	0.0000000072
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	1.10
Inorganics-Filtered				
Antimony	80	ND(0.0400)	ND(0.0400)	0.00696 B
Arsenic	9	ND(0.0100)	0.00526 B	ND(0.0100)
Barium	100	0.0303 B	0.0337 B	0.0410 B
Beryllium	0.5	ND(0.0100) J	0.00115 J	0.00578 J
Mercury	0.2	0.000191 B	ND(0.000285)	ND(0.000285)
Nickel	2	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Selenium	1	0.00976 B	0.00957 B	0.0110 B
Tin	Not Listed	0.0163 J	0.0498	ND(0.0100) J
Vanadium	40	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	50	0.00245 B	0.00351 B	0.119

Table 8
Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	MCP UCL for GroundWater	H78B-15 04/18/07	OPCA-MW-1R 04/19/07	OPCA-MW-2 04/19/07
Volatile Organics				
Tetrachloroethene	100	ND(0.0010) [ND(0.0010)]	0.012	ND(0.0010)
Toluene	80	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichloroethene	50	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00010) [ND(0.00011)]	ND(0.00011)	ND(0.00011)
Total PCBs	0.005	ND(0.00010) [ND(0.00011)]	ND(0.00011)	ND(0.00011)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	100	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000013) [ND(0.0000000016)]	0.0000000045 J	ND(0.0000000035) X
TCDFs (total)	Not Listed	ND(0.0000000013) [ND(0.0000000016)]	0.0000000067 J	ND(0.0000000016)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
PeCDFs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HxCDFs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HpCDFs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
OCDF	Not Listed	ND(0.000000010) [ND(0.000000010)]	0.000000012 J	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000015) [ND(0.0000000019)]	ND(0.0000000018)	ND(0.0000000021)
TCDDs (total)	Not Listed	ND(0.0000000015) [ND(0.0000000019)]	ND(0.0000000018)	ND(0.0000000021)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
PeCDDs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HxCDDs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
HpCDDs (total)	Not Listed	ND(0.0000000051) [ND(0.0000000052)]	ND(0.0000000051)	ND(0.0000000055)
OCDD	Not Listed	ND(0.000000010) [ND(0.000000010)]	0.000000029 J	ND(0.000000011)
Total TEQs (WHO TEFs)	0.000001	0.0000000066 [0.0000000069]	0.0000000072	0.0000000074
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	80	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Arsenic	9	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)	ND(0.0100)
Barium	100	0.00872 B [0.00850 B]	0.0646 B	ND(0.0100)
Beryllium	0.5	0.00529 B [ND(0.0100)]	0.00194 J	0.00386 J
Mercury	0.2	ND(0.000285) [ND(0.000285)]	ND(0.000285)	ND(0.000285)
Nickel	2	ND(0.0100) [0.00519 B]	ND(0.0100) J	ND(0.0100) J
Selenium	1	ND(0.0200) [ND(0.0200)]	ND(0.0200)	0.0111 B
Tin	Not Listed	ND(0.0100) J [0.00892 J]	ND(0.0100) J	ND(0.0100) J
Vanadium	40	ND(0.0500) [ND(0.0500)]	0.00665 B	ND(0.0500)
Zinc	50	0.00361 B [ND(0.0200)]	0.0388	0.00586 B

Table 8
Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	MCP UCL for GroundWater	OPCA-MW-3 04/20/07	OPCA-MW-4 04/18/07	OPCA-MW-5R 04/18/07
Volatile Organics				
Tetrachloroethene	100	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	80	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	50	ND(0.0010)	0.0010	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00011)	0.000043 J	0.00024
Total PCBs	0.005	ND(0.00011)	0.000043 J	0.00024
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	100	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000037 J	ND(0.0000000016)	0.0000000017 J
TCDFs (total)	Not Listed	0.0000000037 J	ND(0.0000000016)	0.0000000017 J
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
PeCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055) Q	ND(0.0000000053) Q
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HxCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HpCDFs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
OCDF	Not Listed	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000016)
TCDDs (total)	Not Listed	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000016)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
PeCDDs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HxCDDs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
HpCDDs (total)	Not Listed	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000053)
OCDD	Not Listed	ND(0.000000011)	0.000000015 J	0.000000019 J
Total TEQs (WHO TEFs)	0.000001	0.0000000076	0.0000000073	0.0000000070
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	80	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	9	ND(0.0100)	ND(0.0100) J	ND(0.0100) J
Barium	100	0.0566 B	0.00875 B	0.0161 B
Beryllium	0.5	0.00713 J	ND(0.0100)	ND(0.0100)
Mercury	0.2	0.000197 B	ND(0.000285)	ND(0.000285)
Nickel	2	0.00664 J	0.00585 B	ND(0.0100)
Selenium	1	ND(0.0200)	ND(0.0200)	ND(0.0200)
Tin	Not Listed	ND(0.0100) J	0.0332 J	0.00102 J
Vanadium	40	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	50	0.0119 B	0.0290	0.0124 B

Table 8
Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	MCP UCL for GroundWater	OPCA-MW-6 04/18/07	OPCA-MW-7 04/19/07	OPCA-MW-8 04/17/07
Volatile Organics				
Tetrachloroethene	100	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	80	ND(0.0010)	ND(0.0010)	0.011
Trichloroethene	50	ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
Aroclor-1260	Not Listed	ND(0.00011)	ND(0.00010)	ND(0.00012)
Total PCBs	0.005	ND(0.00011)	ND(0.00010)	ND(0.00012)
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	100	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
TCDFs (total)	Not Listed	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDFs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051) Q
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDFs (total)	Not Listed	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HpCDFs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
OCDF	Not Listed	ND(0.000000011)	ND(0.000000011)	ND(0.000000010)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
TCDDs (total)	Not Listed	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDDs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDDs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
HpCDDs (total)	Not Listed	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
OCDD	Not Listed	ND(0.000000011)	0.000000016 J	0.000000035 J
Total TEQs (WHO TEFs)	0.000001	0.0000000068	0.0000000078	0.0000000067
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	80	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	9	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Barium	100	0.00684 B	ND(0.0100)	0.00799 B
Beryllium	0.5	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Mercury	0.2	ND(0.000285)	ND(0.000285)	ND(0.000285)
Nickel	2	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Selenium	1	ND(0.0200)	0.00889 B	ND(0.0200)
Tin	Not Listed	0.00108 J	ND(0.0100) J	0.004120 J
Vanadium	40	ND(0.0500)	0.00657 B	ND(0.0500)
Zinc	50	ND(0.0200)	0.0400	0.00294 B

Table 8
Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater

Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
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. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles,dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.

Inorganics

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

Table 9
Fall 2007 Interim Groundwater Quality Monitoring Activities

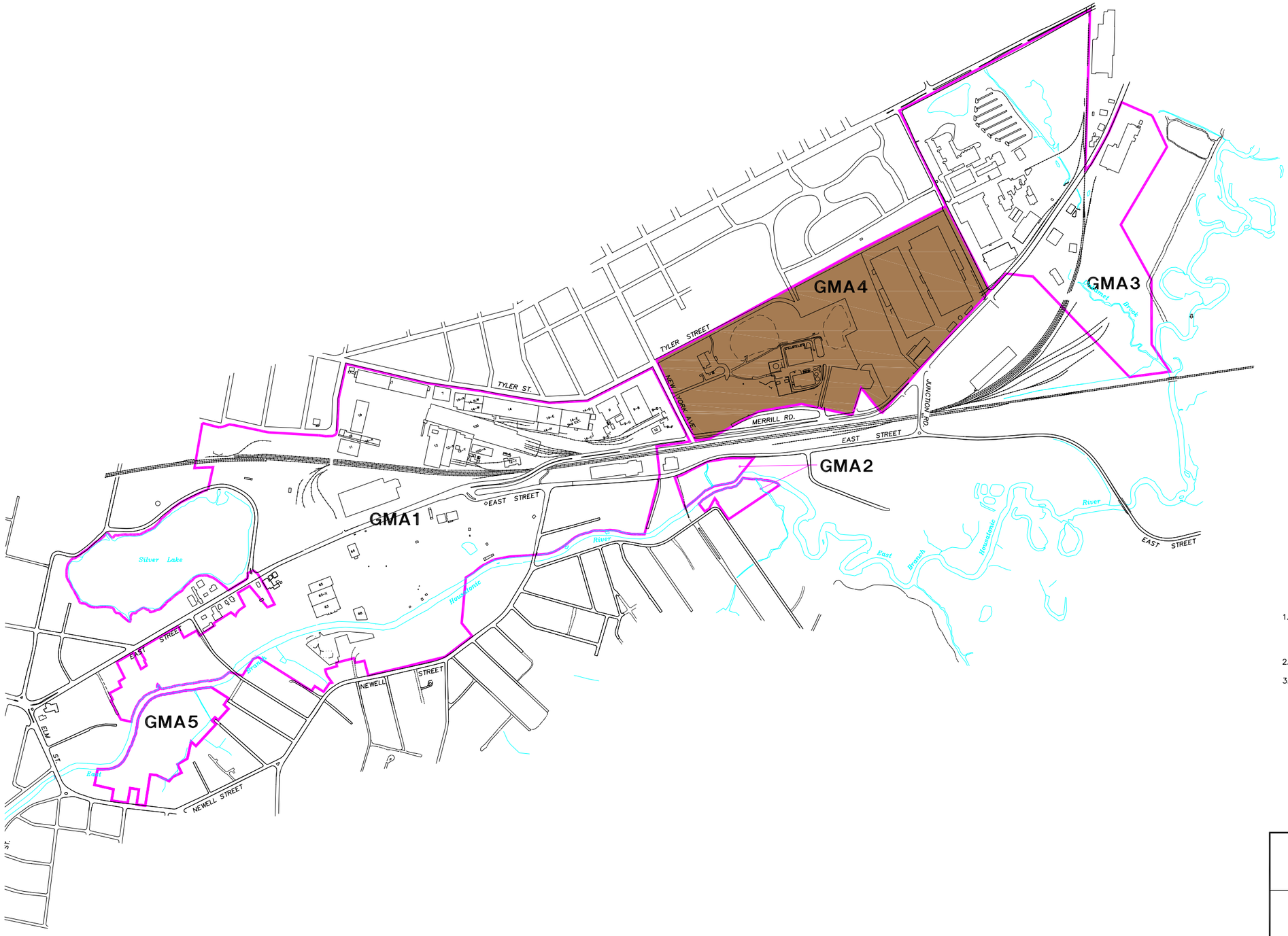
Groundwater Quality Monitoring Interim Report For Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Basis for Inclusion/Comments
78-1	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
78-6	GW-3 Perimeter/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
GMA4-6	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
H78B-15	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
H78B-16	Supplemental Well for TCE Evaluation	Annual - Fall 2007	VOC	Sampling of these two wells is to be conducted on an annual basis, alternating between the spring and fall seasons each year. This schedule began with the spring 2004 event and the next scheduled sampling will be fall 2007.
H78B-17R	GW-3 Perimeter (Downgradient)	Annual - Fall 2007	VOC	
OPCA-MW-1R	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network as a replacement for well OPCA-MW-1.
OPCA-MW-2	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-3	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-4	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-5R	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-6	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-7	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2,3)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-8	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.

NOTES:

1. Appendix IX+3 analyses consists of those non-PCB constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides) plus three constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine.
2. Per the interim monitoring program protocols, analyses for PCBs, metals, and cyanide performed on filtered samples only.

Figures



LEGEND:

GMA1	GMA 1–PLANT SITE 1
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

GENERAL 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, MASSACHUSSETTS

GMA4 INTERIM MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREAS

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE
1

SYR-85-LJP LAF AMS LAYER: ON=*, OFF=REF (FRZ)
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PROJECTNAME:----
XREFS: IMAGES:
20187X00
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NOTES:

1. MAPPING BASED ON AUTOCAD DRAWING FILE (PLANT3.CAD) AS PROVIDED BY GE AND ADDITIONAL INFORMATION FROM THE MCP PHASE II SCOPE OF WORK AND PROPOSAL FOR RCRA FACILITY INVESTIGATION (O'BRIEN & GERE ENGINEERS, INC., FEBRUARY 1996) AS WELL AS SUPPLEMENTAL SITE SURVEY INFORMATION OBTAINED BY HILL ENGINEERS, PLANNERS & ARCHITECTS (WEEK OF MAY 29, 1997). LOCATIONS EAST OF THE PARKING LOT DIGITIZED FROM MARCH 2000 AIR PHOTO AND ARE APPROXIMATE.
2. ALL LOCATIONS ARE APPROXIMATE.

CONNECTICUT AVE.
ALLENDALE SCHOOL
VIRGINIA AVE.
CALIFORNIA AVE.
PLASTICS AVE.
TYLER STREET EXTENSION
NEW YORK AVE.
MERRILL ROAD
ALLENDALE SCHOOL PROPERTY
BUILDING 71 OPCA EXPANSION (APPROXIMATE LOCATION)
HILL 78 OPCA (APPROXIMATE EXISTING BOUNDARY)
BUILDING 71 OPCA (APPROXIMATE EXISTING BOUNDARY)
PARKING LOT
OP-1
OP-2
STORMWATER BASIN
STORMWATER BASIN
COOLING TOWER
GAS TURBINE GENERATOR BUILDING
STEAM TURBINE GENERATOR BLDG.
TANKS
SOIL STOCKPILE AREA
30" CULVERT
SWALE
SWALE A
SWALE B
SWALE C
78
78-2
78-7
73
14-E

78-1
78-2
78-3
78-4
78-5R
78-6
78-7
RF-14
RF-15
UB-MW-5
UB-MW-6
UB-MW-7
UB-MW-8
GMA 4-2
GMA 4-3
GMA 4-4
GMA4-1
GMA4-5
GMA4-6
60A/B-R
SCH-4
NY-1
NY-2
NY-3
NY-4
ES1-6
ES1-20
OPCA-MW-1
OPCA-MW-1R
OPCA-MW-2
OPCA-MW-3
OPCA-MW-4
OPCA-MW-5/5R
OPCA-MW-6
OPCA-MW-7
OPCA-MW-8
ASW-1
ASW-2
ASW-3
ASW-4
ASW-5
ASW-6
H78B-8/8R
H78B-11
H78B-12
H78B-13R
H78B-15
H78B-16
H78B-17R
H78B-18
H78B-28R

LEGEND:

- APPROXIMATE SITE BOUNDARY
- FENCE LINE
- H78B-15 EXISTING MONITORING WELL
- H78B-28/28R DECOMMISSIONED WELL LOCATION
- ASW-4 DEEP WATER SUPPLY WELL
- GW-2 SENTINEL/COMPLIANCE WELL
- GW-3 PERIMETER WELL
- GENERAL/SOURCE AREA SENTINEL WELL (GW-3)
- OPCA GROUNDWATER MONITORING PROGRAM WELL TO BE SAMPLED SEMI-ANNUALLY
- HISTORICAL EXTENT OF LNAPL
- WELL TO BE SAMPLED ANNUALLY FOR VOCs

0 120' 240'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSSETTS

GMA4 INTERIM MONITORING PROGRAM

SITE PLAN

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE
2

SYR-85-SDL LAF AMS LAYER: ON=*; OFF=*REF
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IMAGES:

NOTES:

1. MAPPING BASED ON AUTOCAD DRAWING FILE (PLANT3.CAD) AS PROVIDED BY GE AND ADDITIONAL INFORMATION FROM THE MCP PHASE II SCOPE OF WORK AND PROPOSAL FOR RCRA FACILITY INVESTIGATION (O'BRIEN & GERE ENGINEERS, INC., FEBRUARY 1996) AS WELL AS SUPPLEMENTAL SITE SURVEY INFORMATION OBTAINED BY HILL ENGINEERS, PLANNERS & ARCHITECTS (WEEK OF MAY 29, 1997). LOCATIONS EAST OF THE PARKING LOT DIGITIZED FROM MARCH 2000 AIR PHOTO AND ARE APPROXIMATE.

2. ALL LOCATIONS ARE APPROXIMATE.

CONNECTICUT AVE.
ALLENDALE SCHOOL
VIRGINIA AVE.
CALIFORNIA AVE.
PLASTICS AVE.
RF-14
1024.36
78-2
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994
992
990
988
UB-MW-5
OP-
986.55
GMA 4-3
GMA 4-2
OP-2
60A/B-R
BUILDING 71 OPCA EXPANSION (APPROXIMATE LOCATION)
1020
78-1
1018.37
ALLENDALE SCHOOL PROPERTY
HILL 78 OPCA (APPROXIMATE EXISTING BOUNDARY)
SCH-4
1007.47
1005.90
78-6
OPCA-MW-8
1017.60
PARKING LOT
BUILDING 71 OPCA (APPROXIMATE EXISTING BOUNDARY)
STORMWATER BASIN
H78B-18
H78B-11
H78B-12
H78B-28R
TYLER STREET EXTENSION
GMA4-6
1001.94
1016.34
NY-4
ASW-6
1005.09
OPCA-MW-5/5R
ASW-1
OPCA-MW-7
1007.67
UB-MW-8
RF-15
UB-MW-7
UB-MW-6
1006.52
OPCA-MW-4
ASW-4
COOLING TOWER
STORMWATER BASIN
GAS TURBINE GENERATOR BUILDING
OPCA-MW-6
1004.87
H78B-15
NY-3
990.28
OPCA-MW-1
78-2
OPCA-MW-1R
1012.98
78
78-7
GMA 4-4
987.62
ES1-20
988.46
H78B-8/8R
995.03
OPCA-MW-3
TANKS
STEAM TURBINE GENERATOR BLDG.
1003.03
OPCA-MW-2
ASW-3
ASW-2
ASW-5
GMA4-1
H78B-16
78-4
H78B-17R
78-3
NM
SWALE C
SWALE A
SWALE B
30" CULVERT
78-5R
SWALE
NEW YORK AVE.
MERRILL ROAD
73
14-E
SOIL STOCKPILE AREA
NY-2
ES1-6
ES1-5
H78B-13R
NY-1
GMA4-5

LEGEND:

- APPROXIMATE SITE BOUNDARY
- FENCE LINE
- H78B-15 EXISTING MONITORING WELL
- H78B-28/28R DECOMMISSIONED WELL LOCATION
- ASW-4 DEEP WATER SUPPLY WELL
- 992 WATER TABLE ELEVATION CONTOUR IN FEET, 2-FOOT INTERVAL
- 990 WATER TABLE ELEVATION CONTOUR IN FEET, 10-FOOT INTERVAL
- 990.18 GROUNDWATER ELEVATION IN FEET

0 120' 240'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSSETTS

GMA4 INTERIM MONITORING PROGRAM

WATER TABLE CONTOUR MAP - WINTER 2006-2007

ARCADIS BBL
infrastructure, environment, facilities

FIGURE
3

[SYR-85-DMW] SYR-85-POL RCB AMS LAYER: ON=*; OFF=REF
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NOTES:

1. MAPPING BASED ON AUTOCAD DRAWING FILE (PLANT3.CAD) AS PROVIDED BY GE AND ADDITIONAL INFORMATION FROM THE MCP PHASE II SCOPE OF WORK AND PROPOSAL FOR RCRA FACILITY INVESTIGATION (O'BRIEN & GERE ENGINEERS, INC., FEBRUARY 1996) AS WELL AS SUPPLEMENTAL SITE SURVEY INFORMATION OBTAINED BY HILL ENGINEERS, PLANNERS & ARCHITECTS (WEEK OF MAY 29, 1997). LOCATIONS EAST OF THE PARKING LOT DIGITIZED FROM MARCH 2000 AIR PHOTO AND ARE APPROXIMATE.
2. ALL LOCATIONS ARE APPROXIMATE.

CONNECTICUT AVE.
ALLENDALE SCHOOL
VIRGINIA AVE.
CALIFORNIA AVE.
PLASTICS AVE.
TYLER STREET EXTENSION
NEW YORK AVE.
MERRILL ROAD
ALLENDALE SCHOOL PROPERTY
BUILDING 71 OPCA EXPANSION (APPROXIMATE LOCATION)
HILL 78 OPCA (APPROXIMATE EXISTING BOUNDARY)
BUILDING 71 OPCA (APPROXIMATE EXISTING BOUNDARY)
PARKING LOT
STORMWATER BASIN
GAS TURBINE GENERATOR BUILDING
COOLING TOWER
STEAM TURBINE GENERATOR BLDG.
TANKS
SOIL STOCKPILE AREA
30" CULVERT
SWALE A
SWALE B
SWALE C
OP-1
OP-2

RF-14 994.98
78-2 1026.35
UB-MW-5 993.86
78-1 1018.81
SCH-4 1007.12
78-6 1006.16
OPCA-MW-8 1019.93
GMA 4-2 994.42
GMA 4-3 987.85
GMA 6A/B-R 989.14
UB-MW-8
RF-15 999.29
UB-MW-7
UB-MW-6 1000.96
OPCA-MW-7 1008.36
OPCA-MW-5/5R 1005.56
OPCA-MW-4 1007.17
ASW-4
ASW-6
ASW-1
H78B-18
H78B-11
H78B-12
H78B-28R
GMA4-6 1002.52
NY-4 1016.26
NY-3 991.18
OPCA-MW-1 1013.05
OPCA-MW-1R
78-2
78
78-7
GMA 4-4 990.73
ES1-20 990.81
H78B-8/8R
OPCA-MW-3 996.52
OPCA-MW-2 1003.71
OPCA-MW-6 1007.04
H78B-15 1000.03
ASW-3
ASW-2
ASW-5 990.71
GMA4-1
H78B-16 988.33
H78B-17R 987.59
78-4 987.32
78-3 991.99
78-5R 992.87
NY-2
ES1-6
ES1-5 987.50
H78B-13R 984.21
NY-1
GMA4-5

1020 1010 1000 994 992 990 988 996 986 1004

LEGEND:
- APPROXIMATE SITE BOUNDARY
- FENCE LINE
- H78B-15 EXISTING MONITORING WELL
- H78B-28/28R DECOMMISSIONED WELL LOCATION
- ASW-4 DEEP WATER SUPPLY WELL
- 992 WATER TABLE ELEVATION CONTOUR IN FEET, 2-FOOT INTERVAL
- 990 WATER TABLE ELEVATION CONTOUR IN FEET, 10-FOOT INTERVAL
- 997.36 GROUNDWATER ELEVATION IN FEET

0 120' 240'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSSETTS

GMA4 INTERIM MONITORING PROGRAM

WATER TABLE CONTOUR MAP - SPRING 2007

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE 4

SYR-85-PGL DWW AMS LAYER: ON=*, OFF=REF (FRZ)
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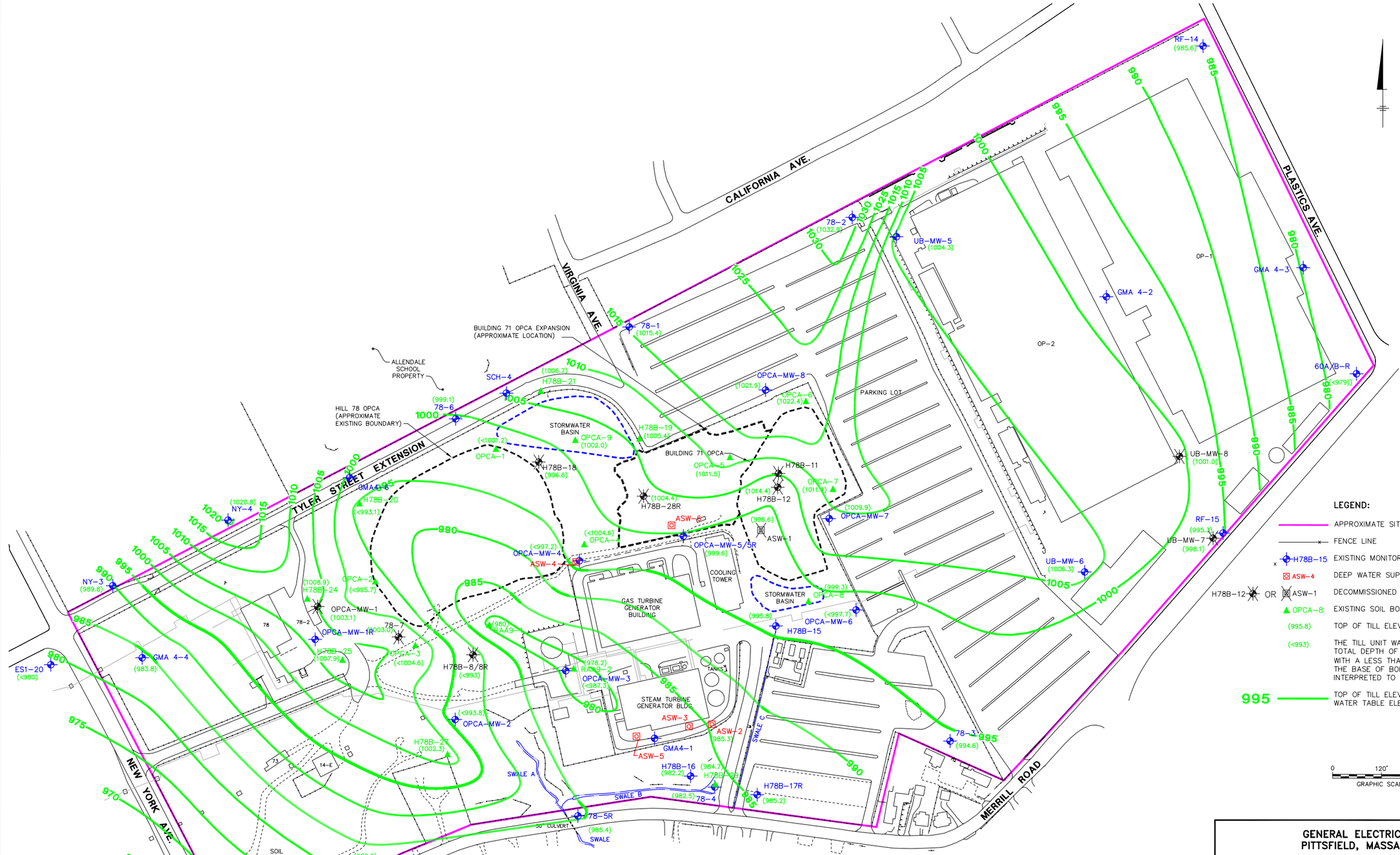

LEGEND:

- APPROXIMATE SITE BOUNDARY
- FENCE LINE
- H78B-15 — EXISTING MONITORING WELL
- ASW-4 — DEEP WATER SUPPLY WELL
- H78B-12 OR ASW-1 — DECOMMISSIONED WELL LOCATION
- OPCA-8 — EXISTING SOIL BORING LOCATION
- (995.8) — TOP OF TILL ELEVATION IN FEET
- (<993) — THE TILL UNIT WAS NOT ENCOUNTERED WITHIN THE TOTAL DEPTH OF THE BORING. THE ELEVATION GIVEN WITH A LESS THAN SIGN (<) IS THE ELEVATION OF THE BASE OF BORING AND THE TOP OF TILL UNIT IS INTERPRETED TO BE BELOW THAT DEPTH.
- 995 — TOP OF TILL ELEVATION CONTOUR LINE IN FEET WATER TABLE ELEVATION IN FEET

0 120' 240'
GRAPHIC SCALE

NOTES:

1. MAPPING BASED ON AUTOCAD DRAWING FILE (PLANT3.CAD) AS PROVIDED BY GE AND ADDITIONAL INFORMATION FROM THE MCP PHASE II SCOPE OF WORK AND PROPOSAL FOR RCRA FACILITY INVESTIGATION (O'BRIEN & GERE ENGINEERS, INC., FEBRUARY 1996) AS WELL AS SUPPLEMENTAL SITE SURVEY INFORMATION OBTAINED BY HILL ENGINEERS, PLANNERS & ARCHITECTS (WEEK OF MAY 29, 1997). LOCATIONS EAST OF THE PARKING LOT DIGITIZED FROM MARCH 2000 AIR PHOTO AND ARE APPROXIMATE.

2. ALL LOCATIONS ARE APPROXIMATE.

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSSETTS

GMA4 INTERIM MONITORING PROGRAM

TOP OF TILL CONTOUR MAP

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE
5

SYR-85-PGL LAF AMS L: ON=*, OFF=REF (FRZ)
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Appendices

ARCADIS BBL

Appendix A

Groundwater Analytical Results – Spring 2007

Table A-1
Spring 2007 Groundwater Analytical Results

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07	H78B-15 04/18/07
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,1-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1,2-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) J [ND(0.0010) J]
1,2,3-Trichloropropane	ND(0.0010)	ND(0.0010) J	ND(0.0010) J	ND(0.0010) [ND(0.0010)]
1,2-Dibromo-3-chloropropane	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050) [ND(0.0050)]
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,2-Dichloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,4-Dioxane	ND(0.10) J	ND(0.10) J	ND(0.10) J	ND(0.10) J [ND(0.10) J]
2-Butanone	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
2-Chloro-1,3-butadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
2-Chloroethylvinylether	ND(0.01250) J	ND(0.01250) J	ND(0.01250) J	ND(0.013) [ND(0.013)]
2-Hexanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
3-Chloropropene	ND(0.0010)	ND(0.0010) J	ND(0.0010) J	ND(0.0010) [ND(0.0010)]
4-Methyl-2-pentanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Acetone	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050) [ND(0.0050)]
Acetonitrile	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J [ND(0.020) J]
Acrolein	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025) [ND(0.025)]
Acrylonitrile	ND(0.025) J	ND(0.025) J	ND(0.025) J	ND(0.025) [ND(0.025)]
Benzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromodichloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromoform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Bromomethane	ND(0.0010)	ND(0.0010) J	ND(0.0010) J	ND(0.0010) [ND(0.0010)]
Carbon Disulfide	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Carbon Tetrachloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
cis-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dibromochloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dibromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dichlorodifluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Ethyl Methacrylate	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Ethylbenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Iodomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Isobutanol	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J [ND(0.050) J]
Methacrylonitrile	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Methyl Methacrylate	ND(0.0010) J	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Propionitrile	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J [ND(0.020) J]
Styrene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Toluene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,2-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
trans-1,4-Dichloro-2-butene	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichlorofluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Vinyl Acetate	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025) [ND(0.0025)]
Vinyl Chloride	ND(0.0010)	ND(0.0010) J	ND(0.0010) J	ND(0.0010) [ND(0.0010)]
Xylenes (total)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Total VOCs	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]

Table A-1
Spring 2007 Groundwater Analytical Results

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07	H78B-15 04/18/07
PCBs-Filtered				
Aroclor-1016	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Aroclor-1221	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Aroclor-1232	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Aroclor-1242	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Aroclor-1248	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Aroclor-1254	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Aroclor-1260	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Total PCBs	ND(0.00012)	ND(0.00011)	ND(0.00011)	ND(0.00010) [ND(0.00011)]
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,3,5-Trinitrobenzene	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J [ND(0.050)]
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,3-Dinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1-Naphthylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J [ND(0.050) J]
2,3,4,6-Tetrachlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-Dinitrophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Acetylaminofluorene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Naphthylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J [ND(0.050) J]
2-Nitroaniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Nitrophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
3&4-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J [ND(0.010) J]
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
3,3'-Dimethylbenzidine	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
3-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J [ND(0.050) J]
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J [ND(0.050)]
4-Aminobiphenyl	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
4-Chloroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
4-Chlorobenzilate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
4-Chlorophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J [ND(0.010) J]
4-Nitroaniline	ND(0.050)	R	R	ND(0.050) J [ND(0.050)]
4-Nitrophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J [ND(0.050) J]
4-Nitroquinoline-1-oxide	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J [ND(0.050) J]
4-Phenylenediamine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010) J]
a,a'-Dimethylphenethylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J [ND(0.050) J]
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Acenaphthylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J [ND(0.010) J]
Acetophenone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Aniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]

Table A-1
Spring 2007 Groundwater Analytical Results

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07	H78B-15 04/18/07
Semivolatile Organics (continued)				
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Aramite	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J [ND(0.010) J]
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J [ND(0.020) J]
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Benzo(g,h,i)perylene	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) [ND(0.010) J]
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Benzyl Alcohol	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.010)	0.0016 J	ND(0.010) [ND(0.010)]
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Diallate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Dibenzo(a,h)anthracene	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) [ND(0.010) J]
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Di-n-Butylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J [ND(0.010) J]
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachlorobutadiene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachlorocyclopentadiene	ND(0.020)	ND(0.020) J	ND(0.020)	ND(0.020) J [ND(0.020)]
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachlorophene	ND(0.010)	ND(0.010) J	ND(0.010) J	ND(0.010) [ND(0.010)]
Hexachloropropene	ND(0.020)	ND(0.020) J	ND(0.020)	ND(0.020) [ND(0.020) J]
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010) J]
Isodrin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Isophorone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Isosafrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Methapyrilene	ND(0.010) J	ND(0.010)	ND(0.010) J	ND(0.010) [ND(0.010) J]
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
o-Toluidine	ND(0.010)	ND(0.010) J	ND(0.010) J	ND(0.010) [ND(0.010)]
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) [ND(0.050)]
Phenacetin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J [ND(0.010)]
Safrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Thionazin	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]

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Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 04/20/07	78-6 04/19/07	GMA4-6 04/19/07	H78B-15 04/18/07
Furans				
2,3,7,8-TCDF	0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000013) [ND(0.0000000016)]
TCDFs (total)	0.0000000040 J	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000013) [ND(0.0000000016)]
1,2,3,7,8-PeCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
2,3,4,7,8-PeCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
PeCDFs (total)	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,7,8-HxCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,6,7,8-HxCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,7,8,9-HxCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
2,3,4,6,7,8-HxCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
HxCDFs (total)	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,6,7,8-HpCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,7,8,9-HpCDF	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
HpCDFs (total)	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
OCDF	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)	ND(0.000000010) [ND(0.000000010)]
Dioxins				
2,3,7,8-TCDD	ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015) [ND(0.0000000019)]
TCDDs (total)	ND(0.0000000023)	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015) [ND(0.0000000019)]
1,2,3,7,8-PeCDD	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
PeCDDs (total)	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,7,8-HxCDD	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,6,7,8-HxCDD	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,7,8,9-HxCDD	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
HxCDDs (total)	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,6,7,8-HpCDD	ND(0.0000000054)	ND(0.0000000052)	ND(0.0000000053)	ND(0.0000000051) [ND(0.0000000052)]
HpCDDs (total)	ND(0.0000000054)	ND(0.0000000052)	0.0000000060 J	ND(0.0000000051) [ND(0.0000000052)]
OCDD	ND(0.000000011)	ND(0.000000011)	0.000000040 J	ND(0.000000010) [ND(0.000000010)]
Total TEQs (WHO TEFs)	0.0000000077	0.0000000069	0.0000000072	0.0000000066 [0.0000000069]
Inorganics-Unfiltered				
Sulfide	ND(1.00)	ND(1.00)	1.10	ND(1.00) [ND(1.00)]
Inorganics-Filtered				
Antimony	ND(0.0400)	ND(0.0400)	0.00696 B	ND(0.0400) [ND(0.0400)]
Arsenic	ND(0.0100)	0.00526 B	ND(0.0100)	ND(0.0100) J [ND(0.0100) J]
Barium	0.0303 B	0.0337 B	0.0410 B	0.00872 B [0.00850 B]
Beryllium	ND(0.0100) J	0.00115 J	0.00578 J	0.00529 B [ND(0.0100)]
Cadmium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) [ND(0.0100)]
Chromium	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	ND(0.0100) [ND(0.0100)]
Cobalt	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) [ND(0.0100)]
Copper	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Cyanide-MADEP (PAC)	ND(0.00600)	ND(0.00600)	ND(0.00600)	ND(0.0100) [ND(0.0100)]
Lead	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Mercury	0.000191 B	ND(0.000285)	ND(0.000285)	ND(0.000285) [ND(0.000285)]
Nickel	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) [0.00519 B]
Selenium	0.00976 B	0.00957 B	0.0110 B	ND(0.0200) [ND(0.0200)]
Silver	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100)	ND(0.0100) J [ND(0.0100)]
Tin	0.0163 J	0.0498	ND(0.0100) J	ND(0.0100) J [0.00892 J]
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	0.00245 B	0.00351 B	0.119	0.00361 B [ND(0.0200)]

Table A-1
Spring 2007 Groundwater Analytical Results

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Parameter / Sample ID: / Date Collected:	OPCA-MW-1R 04/19/07	OPCA-MW-2 04/19/07	OPCA-MW-3 04/20/07	OPCA-MW-4 04/18/07
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,1-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010) J
1,2,3-Trichloropropane	ND(0.0010) J	ND(0.0010) J	ND(0.0010)	ND(0.0010)
1,2-Dibromo-3-chloropropane	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dioxane	ND(0.10) J	ND(0.10) J	ND(0.10) J	ND(0.10) J
2-Butanone	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)
2-Chloro-1,3-butadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Chloroethylvinylether	ND(0.01250) J	ND(0.01250) J	ND(0.01250) J	ND(0.013)
2-Hexanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
3-Chloropropene	ND(0.0010) J	ND(0.0010) J	ND(0.0010)	ND(0.0010)
4-Methyl-2-pentanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Acetone	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050)
Acetonitrile	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Acrolein	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)
Acrylonitrile	ND(0.025) J	ND(0.025) J	ND(0.025) J	ND(0.025)
Benzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane	ND(0.0010) J	ND(0.0010) J	ND(0.0010)	ND(0.0010)
Carbon Disulfide	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Carbon Tetrachloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethyl Methacrylate	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Iodomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isobutanol	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
Methacrylonitrile	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl Methacrylate	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Styrene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	0.012	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Trichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.0010
Trichlorofluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Vinyl Acetate	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Vinyl Chloride	ND(0.0010) J	ND(0.0010) J	ND(0.0010)	ND(0.0010)
Xylenes (total)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Total VOCs	0.012	ND(0.10)	ND(0.10)	0.0010

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PCBs-Filtered				
Aroclor-1016	ND(0.00011)	ND(0.00011)	ND(0.00011)	ND(0.00011)
Aroclor-1221	ND(0.00011)	ND(0.00011)	ND(0.00011)	ND(0.00011)
Aroclor-1232	ND(0.00011)	ND(0.00011)	ND(0.00011)	ND(0.00011)
Aroclor-1242	ND(0.00011)	ND(0.00011)	ND(0.00011)	ND(0.00011)
Aroclor-1248	ND(0.00011)	ND(0.00011)	ND(0.00011)	ND(0.00011)
Aroclor-1254	ND(0.00011)	ND(0.00011)	ND(0.00011)	ND(0.00011)
Aroclor-1260	ND(0.00011)	ND(0.00011)	ND(0.00011)	0.000043 J
Total PCBs	ND(0.00011)	ND(0.00011)	ND(0.00011)	0.000043 J
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1-Naphthylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
2,3,4,6-Tetrachlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dinitrophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Naphthylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
2-Nitroaniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Nitrophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
3,3'-Dimethylbenzidine	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Aminobiphenyl	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Chlorobenzilate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
4-Nitroaniline	R	R	ND(0.050)	ND(0.050)
4-Nitrophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J
4-Nitroquinoline-1-oxide	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
4-Phenylenediamine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
a,a'-Dimethylphenethylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Acetophenone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

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Parameter / Sample ID: / Date Collected:	OPCA-MW-1R 04/19/07	OPCA-MW-2 04/19/07	OPCA-MW-3 04/20/07	OPCA-MW-4 04/18/07
Semivolatile Organics (continued)				
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aramite	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010) J
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diallate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010) J
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorocyclopentadiene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)
Hexachloropropene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) J
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Isodrin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Isophorone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Isosafrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methapyrilene	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Phenacetin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Safrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Thionazin	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1R 04/19/07	OPCA-MW-2 04/19/07	OPCA-MW-3 04/20/07	OPCA-MW-4 04/18/07
Furans				
2,3,7,8-TCDF	0.0000000045 J	ND(0.0000000035) X	0.0000000037 J	ND(0.0000000016)
TCDFs (total)	0.0000000067 J	ND(0.0000000016)	0.0000000037 J	ND(0.0000000016)
1,2,3,7,8-PeCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
2,3,4,7,8-PeCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
PeCDFs (total)	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055) Q
1,2,3,4,7,8-HxCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,6,7,8-HxCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,7,8,9-HxCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
2,3,4,6,7,8-HxCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
HxCDFs (total)	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
HpCDFs (total)	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
OCDF	0.000000012 J	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000018)	ND(0.0000000021)	ND(0.0000000021)	ND(0.0000000018)
TCDDs (total)	ND(0.0000000018)	ND(0.0000000021)	ND(0.0000000021)	ND(0.0000000018)
1,2,3,7,8-PeCDD	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
PeCDDs (total)	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,4,7,8-HxCDD	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,6,7,8-HxCDD	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,7,8,9-HxCDD	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
HxCDDs (total)	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
HpCDDs (total)	ND(0.0000000051)	ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000055)
OCDD	0.000000029 J	ND(0.000000011)	ND(0.000000011)	0.000000015 J
Total TEQs (WHO TEFs)	0.0000000072	0.0000000074	0.0000000076	0.0000000073
Inorganics-Unfiltered				
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium	0.0646 B	ND(0.0100)	0.0566 B	0.00875 B
Beryllium	0.00194 J	0.00386 J	0.00713 J	ND(0.0100)
Cadmium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Chromium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Copper	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cyanide-MADEP (PAC)	ND(0.00600)	ND(0.00600)	ND(0.00600)	ND(0.0100)
Lead	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Mercury	ND(0.000285)	ND(0.000285)	0.000197 B	ND(0.000285)
Nickel	ND(0.0100) J	ND(0.0100) J	0.00664 J	0.00585 B
Selenium	ND(0.0200)	0.0111 B	ND(0.0200)	ND(0.0200)
Silver	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Tin	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	0.0332 J
Vanadium	0.00665 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0388	0.00586 B	0.0119 B	0.0290

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General Electric Company - Pittsfield, Massachusetts
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Parameter / Sample ID: / Date Collected:	OPCA-MW-5R 04/18/07	OPCA-MW-6 04/18/07	OPCA-MW-7 04/19/07	OPCA-MW-8 04/17/07
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,1-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethene	ND(0.0010) J	ND(0.0010) J	ND(0.0010)	ND(0.0010) J
1,2,3-Trichloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloropropane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dioxane	ND(0.10) J	ND(0.10) J	ND(0.10) J	ND(0.10) J
2-Butanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloro-1,3-butadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Chloroethylvinylether	ND(0.013)	ND(0.013)	ND(0.01250) J	ND(0.013)
2-Hexanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
3-Chloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010)
4-Methyl-2-pentanone	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Acetone	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Acetonitrile	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Acrolein	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.025)
Acrylonitrile	ND(0.025)	ND(0.025)	ND(0.025) J	ND(0.025)
Benzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010)
Carbon Disulfide	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Carbon Tetrachloride	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochloromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethyl Methacrylate	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethylbenzene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Iodomethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Isobutanol	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
Methacrylonitrile	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl Methacrylate	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Styrene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	ND(0.0010)	ND(0.0010)	ND(0.0010)	0.011
trans-1,2-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichloropropene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluoromethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Vinyl Acetate	ND(0.0025)	ND(0.0025)	ND(0.0025)	ND(0.0025)
Vinyl Chloride	ND(0.0010)	ND(0.0010)	ND(0.0010) J	ND(0.0010)
Xylenes (total)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Total VOCs	ND(0.10)	ND(0.10)	ND(0.10)	0.011

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
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Parameter / Sample ID: / Date Collected:	OPCA-MW-5R 04/18/07	OPCA-MW-6 04/18/07	OPCA-MW-7 04/19/07	OPCA-MW-8 04/17/07
PCBs-Filtered				
Aroclor-1016	ND(0.00011)	ND(0.00011)	ND(0.00010)	ND(0.00012)
Aroclor-1221	ND(0.00011)	ND(0.00011)	ND(0.00010)	ND(0.00012)
Aroclor-1232	ND(0.00011)	ND(0.00011)	ND(0.00010)	ND(0.00012)
Aroclor-1242	ND(0.00011)	ND(0.00011)	ND(0.00010)	ND(0.00012)
Aroclor-1248	ND(0.00011)	ND(0.00011)	ND(0.00010)	ND(0.00012)
Aroclor-1254	ND(0.00011)	ND(0.00011)	ND(0.00010)	ND(0.00012)
Aroclor-1260	0.00024	ND(0.00011)	ND(0.00010)	ND(0.00012)
Total PCBs	0.00024	ND(0.00011)	ND(0.00010)	ND(0.00012)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.050) J	ND(0.050) J	ND(0.050)	ND(0.050)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1-Naphthylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
2,3,4,6-Tetrachlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dinitrophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Naphthylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
2-Nitroaniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Nitrophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) J
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
3,3'-Dimethylbenzidine	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050) J	ND(0.050) J	ND(0.050)	ND(0.050) J
4,6-Dinitro-2-methylphenol	ND(0.050) J	ND(0.050) J	ND(0.050)	ND(0.050)
4-Aminobiphenyl	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4-Chlorobenzilate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorophenyl-phenylether	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) J
4-Nitroaniline	ND(0.050) J	ND(0.050) J	R	ND(0.050)
4-Nitrophenol	ND(0.050) J	ND(0.050) J	ND(0.050)	ND(0.050) J
4-Nitroquinoline-1-oxide	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
4-Phenylenediamine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
a,a'-Dimethylphenethylamine	ND(0.050) J	ND(0.050) J	ND(0.050) J	ND(0.050) J
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthylene	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) J
Acetophenone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

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Semivolatile Organics (continued)				
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aramite	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diallate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) J
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorocyclopentadiene	ND(0.020) J	ND(0.020) J	ND(0.020)	ND(0.020)
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
Hexachloropropene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020) J
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Isodrin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Isophorone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Isosafrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methapyrilene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010) J
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Phenacetin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)
Safrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Thionazin	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)

Table A-1
Spring 2007 Groundwater Analytical Results

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-5R 04/18/07	OPCA-MW-6 04/18/07	OPCA-MW-7 04/19/07	OPCA-MW-8 04/17/07
Furans				
2,3,7,8-TCDF	0.0000000017 J	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
TCDFs (total)	0.0000000017 J	ND(0.0000000012)	ND(0.0000000019)	0.0000000014 J
1,2,3,7,8-PeCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,7,8-PeCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDFs (total)	ND(0.0000000053) Q	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051) Q
1,2,3,4,7,8-HxCDF	ND(0.0000000053)	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,6,7,8-HxCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDFs (total)	ND(0.0000000053)	ND(0.0000000053)	0.0000000057 J	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HpCDFs (total)	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
OCDF	ND(0.000000011)	ND(0.000000011)	ND(0.000000011)	ND(0.000000010)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000016)	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
TCDDs (total)	ND(0.0000000016)	ND(0.0000000015)	ND(0.0000000019)	ND(0.0000000015)
1,2,3,7,8-PeCDD	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
PeCDDs (total)	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,7,8-HxCDD	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,6,7,8-HxCDD	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,7,8,9-HxCDD	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
HxCDDs (total)	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
HpCDDs (total)	ND(0.0000000053)	ND(0.0000000053)	ND(0.0000000056)	0.0000000063 J
OCDD	0.000000019 J	ND(0.000000011)	0.000000016 J	0.000000035 J
Total TEQs (WHO TEFs)	0.0000000070	0.0000000068	0.0000000078	0.0000000067
Inorganics-Unfiltered				
Sulfide	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Inorganics-Filtered				
Antimony	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Barium	0.0161 B	0.00684 B	ND(0.0100)	0.00799 B
Beryllium	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Cadmium	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Cobalt	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Copper	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cyanide-MADEP (PAC)	ND(0.0100)	ND(0.0100)	ND(0.00600)	ND(0.0100)
Lead	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Mercury	ND(0.000285)	ND(0.000285)	ND(0.000285)	ND(0.000285)
Nickel	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Selenium	ND(0.0200)	ND(0.0200)	0.00889 B	ND(0.0200)
Silver	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Tin	0.00102 J	0.00108 J	ND(0.0100) J	0.004120 J
Vanadium	ND(0.0500)	ND(0.0500)	0.00657 B	ND(0.0500)
Zinc	0.0124 B	ND(0.0200)	0.0400	0.00294 B

Table A-1
Spring 2007 Groundwater Analytical Results

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles,dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.

Inorganics

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

ARCADIS BBL

Appendix B

Historical Groundwater Data

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-1 SGS 06/14/99	78-1 SGS 05/01/01	78-1 SGS 04/19/06
Volatile Organics				
Acetone		ND(0.10)	ND(0.010)	ND(0.010)
Benzene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.010)	ND(0.0050)	ND(0.0050)
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.010)	ND(0.0050)	ND(0.0050)
Dibromomethane		ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0050)	ND(0.0020)	ND(0.0020)
Toluene		ND(0.0050)	0.0047 J	ND(0.0050)
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.0020)
Total VOCs		ND(0.20)	0.0047 J	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221		ND(0.00010)	ND(0.000065)	NA
Aroclor-1248		ND(0.00010)	ND(0.000065)	NA
Aroclor-1254		ND(0.00010)	ND(0.000065)	NA
Aroclor-1260		ND(0.00010)	ND(0.000065)	NA
Total PCBs		ND(0.00010)	ND(0.000065)	NA
PCBs-Filtered				
Aroclor-1221		NA	ND(0.000065)	ND(0.000065)
Aroclor-1248		NA	ND(0.000065)	ND(0.000065)
Aroclor-1254		NA	ND(0.000065)	0.00024
Aroclor-1260		NA	ND(0.000065)	ND(0.000065)
Total PCBs		NA	ND(0.000065)	0.00024
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	ND(0.010) J
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	ND(0.010) J
3,3-Dichlorobenzidine		ND(0.050)	ND(0.020)	ND(0.020) J
Acenaphthene		ND(0.010)	ND(0.010)	ND(0.010) J
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.0060)	ND(0.0060) J
Dibenzofuran		ND(0.010)	ND(0.010)	ND(0.010) J
Naphthalene		ND(0.010)	ND(0.010)	ND(0.010) J
Phenol		ND(0.010)	ND(0.010) J	ND(0.010) J
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		ND(0.00000000060)	ND(0.0000000011)	ND(0.0000000047)
TCDFs (total)		ND(0.00000000060)	ND(0.000000010) X	ND(0.000000010)
1,2,3,7,8-PeCDF		ND(0.0000000021)	ND(0.0000000013) XB	ND(0.0000000080)
2,3,4,7,8-PeCDF		ND(0.0000000020)	ND(0.0000000012)	ND(0.0000000078)
PeCDFs (total)		ND(0.0000000021)	ND(0.000000024)	ND(0.0000000079)
1,2,3,4,7,8-HxCDF		ND(0.0000000060)	ND(0.0000000021)	ND(0.000000011)
1,2,3,6,7,8-HxCDF		ND(0.0000000062)	ND(0.00000000080)	ND(0.0000000099)
1,2,3,7,8,9-HxCDF		ND(0.0000000059)	ND(0.00000000090)	ND(0.000000013)
2,3,4,6,7,8-HxCDF		ND(0.0000000064)	ND(0.00000000080)	ND(0.000000011)
HxCDFs (total)		ND(0.0000000064)	ND(0.0000000044)	ND(0.000000011)
1,2,3,4,6,7,8-HpCDF		ND(0.000000011)	ND(0.0000000013)	ND(0.0000000066)
1,2,3,4,7,8,9-HpCDF		ND(0.000000011)	ND(0.0000000017)	ND(0.0000000085)
HpCDFs (total)		ND(0.000000011)	ND(0.0000000015)	ND(0.000000016)
OCDF		ND(0.000000011)	ND(0.0000000032)	ND(0.000000020)

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-1 SGS 06/14/99	78-1 SGS 05/01/01	78-1 SGS 04/19/06
Dioxins				
2,3,7,8-TCDD		ND(0.00000000090)	ND(0.0000000014)	ND(0.0000000056)
TCDDs (total)		ND(0.00000000090)	ND(0.0000000014)	ND(0.000000012)
1,2,3,7,8-PeCDD		ND(0.0000000071)	ND(0.0000000016)	ND(0.000000012)
PeCDDs (total)		ND(0.0000000071)	ND(0.0000000016)	ND(0.000000012)
1,2,3,4,7,8-HxCDD		ND(0.0000000069)	ND(0.0000000014)	ND(0.0000000079)
1,2,3,6,7,8-HxCDD		ND(0.0000000086)	ND(0.0000000014)	ND(0.0000000073)
1,2,3,7,8,9-HxCDD		ND(0.0000000077)	ND(0.0000000013)	ND(0.0000000080)
HxCDDs (total)		ND(0.0000000086)	ND(0.000000012) X	ND(0.000000025)
1,2,3,4,6,7,8-HpCDD		ND(0.000000013)	ND(0.0000000026)	ND(0.0000000096)
HpCDDs (total)		ND(0.000000013)	ND(0.0000000026)	ND(0.000000026)
OCDD		ND(0.000000017)	ND(0.0000000038) XB	ND(0.000000033)
Total TEQs (WHO TEFs)		0.0000000071	0.0000000024	0.000000015
Inorganics-Unfiltered				
Antimony		ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.00600)	ND(0.0100)	NA
Barium		0.0250	0.0330 B	NA
Beryllium		ND(0.00600)	ND(0.00100)	NA
Cadmium		ND(0.00600)	ND(0.00500)	NA
Chromium		ND(0.0130)	ND(0.0100)	NA
Cobalt		ND(0.0600)	ND(0.0500)	NA
Copper		ND(0.0330)	0.00550 J	NA
Cyanide		ND(0.0200)	ND(0.0100)	NA
Lead		ND(0.130) J	ND(0.00500)	NA
Mercury		ND(0.000500)	ND(0.000200)	NA
Nickel		ND(0.0600)	ND(0.0400)	NA
Selenium		ND(0.00600) J	ND(0.00500) J	NA
Silver		ND(0.0130)	ND(0.00500)	NA
Sulfide		ND(5.00)	ND(5.00)	5.60 B
Thallium		ND(0.0130)	ND(0.0100) J	NA
Tin		ND(0.300)	ND(0.100)	NA
Vanadium		ND(0.0600)	ND(0.0500)	NA
Zinc		0.0290	0.0200	NA
Inorganics-Filtered				
Antimony		NA	ND(0.0600)	ND(0.0600)
Arsenic		NA	ND(0.0100)	ND(0.0100)
Barium		NA	0.0260 J	0.0330 B
Beryllium		NA	ND(0.00100)	ND(0.00100)
Cadmium		NA	ND(0.00500)	ND(0.00500)
Chromium		NA	ND(0.0100)	0.000710 B
Cobalt		NA	ND(0.0500)	ND(0.0500)
Copper		NA	0.00420 J	0.00220 B
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	ND(0.0100)
Lead		NA	ND(0.00500)	ND(0.00500)
Mercury		NA	ND(0.000200)	ND(0.000200)
Nickel		NA	ND(0.0400)	ND(0.0400)
Selenium		NA	ND(0.00500) J	ND(0.00500)
Silver		NA	ND(0.00500)	ND(0.00500)
Thallium		NA	ND(0.0100) J	ND(0.0100) J
Tin		NA	ND(0.100)	ND(0.0300)
Vanadium		NA	ND(0.0500)	ND(0.0500)
Zinc		NA	0.0160 B	0.00310 B

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Sample ID: / Laboratory: / Parameter / Date Collected:	78-1 NEA 09/28/06	78-1 SGS 09/28/06	78-1 NEA 11/07/06	78-1 SGS 11/07/06
Volatile Organics				
Acetone	NA	NA	NA	ND(0.0050) J
Benzene	NA	NA	NA	ND(0.0010)
Carbon Disulfide	NA	NA	NA	ND(0.0010)
Chlorobenzene	NA	NA	NA	ND(0.0010)
Chloroform	NA	NA	NA	ND(0.0010)
Chloromethane	NA	NA	NA	ND(0.0010)
Dibromomethane	NA	NA	NA	ND(0.0010)
Methylene Chloride	NA	NA	NA	ND(0.0050)
Tetrachloroethene	NA	NA	NA	ND(0.0010)
Toluene	NA	NA	NA	0.00074 J
Trichloroethene	NA	NA	NA	ND(0.0010)
Vinyl Chloride	NA	NA	NA	ND(0.0010)
Total VOCs	NA	NA	NA	0.00074 J
PCBs-Unfiltered				
Aroclor-1221	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000022)	ND(0.000062) J	ND(0.000022)	ND(0.00011)
Aroclor-1248	ND(0.000022)	ND(0.000062) J	ND(0.000022)	ND(0.00011)
Aroclor-1254	0.000022	ND(0.000062) J	0.000023	ND(0.00011)
Aroclor-1260	ND(0.000022)	ND(0.000062) J	ND(0.000022)	ND(0.00011)
Total PCBs	0.000022	ND(0.000062) J	0.000023	ND(0.00011)
Semivolatile Organics				
1,2,4-Trichlorobenzene	NA	NA	NA	ND(0.010)
2,4-Dimethylphenol	NA	NA	NA	ND(0.010) J
3,3'-Dichlorobenzidine	NA	NA	NA	ND(0.020) J
Acenaphthene	NA	NA	NA	ND(0.010)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND(0.010)
Dibenzofuran	NA	NA	NA	ND(0.010)
Naphthalene	NA	NA	NA	ND(0.010) J
Phenol	NA	NA	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	NA	NA	NA	ND(0.0000000011)
TCDFs (total)	NA	NA	NA	ND(0.0000000011)
1,2,3,7,8-PeCDF	NA	NA	NA	ND(0.0000000053)
2,3,4,7,8-PeCDF	NA	NA	NA	ND(0.0000000053)
PeCDFs (total)	NA	NA	NA	ND(0.0000000053)
1,2,3,4,7,8-HxCDF	NA	NA	NA	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	NA	NA	NA	ND(0.0000000053)
1,2,3,7,8,9-HxCDF	NA	NA	NA	ND(0.0000000053)
2,3,4,6,7,8-HxCDF	NA	NA	NA	ND(0.0000000053)
HxCDFs (total)	NA	NA	NA	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	ND(0.0000000053)
HpCDFs (total)	NA	NA	NA	ND(0.0000000053)
OCDF	NA	NA	NA	ND(0.000000011)

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-1 NEA 09/28/06	78-1 SGS 09/28/06	78-1 NEA 11/07/06	78-1 SGS 11/07/06
Dioxins					
2,3,7,8-TCDD		NA	NA	NA	ND(0.0000000014)
TCDDs (total)		NA	NA	NA	ND(0.0000000014)
1,2,3,7,8-PeCDD		NA	NA	NA	ND(0.0000000053)
PeCDDs (total)		NA	NA	NA	ND(0.0000000053)
1,2,3,4,7,8-HxCDD		NA	NA	NA	ND(0.0000000053)
1,2,3,6,7,8-HxCDD		NA	NA	NA	ND(0.0000000053)
1,2,3,7,8,9-HxCDD		NA	NA	NA	ND(0.0000000053)
HxCDDs (total)		NA	NA	NA	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	ND(0.0000000053)
HpCDDs (total)		NA	NA	NA	0.0000000088 J
OCDD		NA	NA	NA	ND(0.000000019)
Total TEQs (WHO TEFs)		NA	NA	NA	0.0000000069
Inorganics-Unfiltered					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		NA	NA	NA	ND(1.00)
Thallium		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA
Inorganics-Filtered					
Antimony		NA	NA	NA	ND(0.0400) J
Arsenic		NA	NA	NA	ND(0.0100) J
Barium		NA	NA	NA	ND(0.500) J
Beryllium		NA	NA	NA	0.000970 J
Cadmium		NA	NA	NA	ND(0.00500)
Chromium		NA	NA	NA	ND(0.0100)
Cobalt		NA	NA	NA	ND(0.0100) J
Copper		NA	NA	NA	ND(0.0100)
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	NA	ND(0.0100)
Lead		NA	NA	NA	ND(0.0100) J
Mercury		NA	NA	NA	0.0000403 B
Nickel		NA	NA	NA	ND(0.0500) J
Selenium		NA	NA	NA	ND(0.0200) J
Silver		NA	NA	NA	ND(0.0100)
Thallium		NA	NA	NA	ND(0.0100) J
Tin		NA	NA	NA	ND(0.100)
Vanadium		NA	NA	NA	ND(0.0500) J
Zinc		NA	NA	NA	0.00461 B

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-1 SGS 04/20/07	78-6 SGS 06/16/99	78-6 SGS 05/03/01
Volatile Organics				
Acetone		ND(0.0050) J	ND(0.10)	ND(0.010)
Benzene		ND(0.0010)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.0010)	ND(0.010)	ND(0.0050)
Chlorobenzene		ND(0.0010)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0010)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.0010)	ND(0.010)	ND(0.0050)
Dibromomethane		ND(0.0010)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0010)	ND(0.0050)	ND(0.0020)
Toluene		ND(0.0010)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0010)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.0010)	ND(0.010)	ND(0.0020)
Total VOCs		ND(0.10)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221		NA	ND(0.000050)	ND(0.000065)
Aroclor-1248		NA	ND(0.000050)	ND(0.000065)
Aroclor-1254		NA	ND(0.000050)	ND(0.000065)
Aroclor-1260		NA	ND(0.000050)	ND(0.000065)
Total PCBs		NA	ND(0.000050)	ND(0.000065)
PCBs-Filtered				
Aroclor-1221		ND(0.00012)	NA	ND(0.000065)
Aroclor-1248		ND(0.00012)	NA	ND(0.000065)
Aroclor-1254		ND(0.00012)	NA	ND(0.000065)
Aroclor-1260		ND(0.00012)	NA	ND(0.000065)
Total PCBs		ND(0.00012)	NA	ND(0.000065)
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine		ND(0.020)	ND(0.050)	ND(0.020)
Acenaphthene		ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.010)	ND(0.0060)
Dibenzofuran		ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene		ND(0.010)	ND(0.010)	ND(0.010)
Phenol		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		0.0000000040 J	ND(0.0000000032)	ND(0.00000000085) XB
TCDFs (total)		0.0000000040 J	ND(0.0000000032)	ND(0.0000000020)
1,2,3,7,8-PeCDF		ND(0.0000000054)	ND(0.0000000079)	ND(0.00000000030)
2,3,4,7,8-PeCDF		ND(0.0000000054)	ND(0.0000000083)	ND(0.00000000066)
PeCDFs (total)		ND(0.0000000054)	ND(0.0000000083)	ND(0.0000000017)
1,2,3,4,7,8-HxCDF		ND(0.0000000054)	ND(0.0000000042)	ND(0.00000000083) XB
1,2,3,6,7,8-HxCDF		ND(0.0000000054)	ND(0.0000000043)	ND(0.00000000030)
1,2,3,7,8,9-HxCDF		ND(0.0000000054)	ND(0.0000000051)	ND(0.00000000030)
2,3,4,6,7,8-HxCDF		ND(0.0000000054)	ND(0.0000000044)	ND(0.00000000030)
HxCDFs (total)		ND(0.0000000054)	ND(0.0000000051)	ND(0.00000000083) X
1,2,3,4,6,7,8-HpCDF		ND(0.0000000054)	ND(0.000000029)	ND(0.00000000050)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000054)	ND(0.000000029)	ND(0.00000000060)
HpCDFs (total)		ND(0.0000000054)	ND(0.000000029)	ND(0.00000000050)
OCDF		ND(0.000000011)	ND(0.000000017)	ND(0.00000000090)

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-1 SGS 04/20/07	78-6 SGS 06/16/99	78-6 SGS 05/03/01
Dioxins				
2,3,7,8-TCDD		ND(0.0000000023)	ND(0.0000000035)	ND(0.00000000040)
TCDDs (total)		ND(0.0000000023)	ND(0.0000000035)	ND(0.0000000010) X
1,2,3,7,8-PeCDD		ND(0.0000000054)	ND(0.000000034)	ND(0.00000000040)
PeCDDs (total)		ND(0.0000000054)	ND(0.000000034)	ND(0.0000000019) X
1,2,3,4,7,8-HxCDD		ND(0.0000000054)	ND(0.000000014)	ND(0.00000000060)
1,2,3,6,7,8-HxCDD		ND(0.0000000054)	ND(0.000000017)	ND(0.00000000060)
1,2,3,7,8,9-HxCDD		ND(0.0000000054)	ND(0.000000015)	ND(0.00000000050)
HxCDDs (total)		ND(0.0000000054)	ND(0.000000017)	ND(0.0000000060) X
1,2,3,4,6,7,8-HpCDD		ND(0.0000000054)	ND(0.000000029)	ND(0.00000000080)
HpCDDs (total)		ND(0.0000000054)	ND(0.000000029)	ND(0.00000000080)
OCDD		ND(0.000000011)	ND(0.000000020)	ND(0.0000000079)
Total TEQs (WHO TEFs)		0.0000000077	0.000000025	0.00000000080
Inorganics-Unfiltered				
Antimony		NA	ND(0.0600)	0.00250 J
Arsenic		NA	0.0320	0.0160
Barium		NA	0.0830	0.0960 B
Beryllium		NA	ND(0.00600)	ND(0.00100)
Cadmium		NA	ND(0.00600) J	ND(0.00500)
Chromium		NA	ND(0.0130)	0.00250 B
Cobalt		NA	ND(0.0600)	0.00480 B
Copper		NA	ND(0.0330)	ND(0.0100) J
Cyanide		NA	ND(0.0200)	ND(0.0100)
Lead		NA	ND(0.130) J	ND(0.00500) J
Mercury		NA	ND(0.000500)	ND(0.000200)
Nickel		NA	ND(0.0600)	ND(0.0400)
Selenium		NA	ND(0.00600)	0.00490 B
Silver		NA	ND(0.0130)	0.0110 J
Sulfide		ND(1.00)	ND(5.00)	ND(5.00)
Thallium		NA	ND(0.0130)	ND(0.0100)
Tin		NA	ND(0.300) J	ND(0.0300)
Vanadium		NA	ND(0.0600)	ND(0.0500)
Zinc		NA	0.0330	0.0110 B
Inorganics-Filtered				
Antimony		ND(0.0400)	NA	0.00370 J
Arsenic		ND(0.0100)	NA	ND(0.0100)
Barium		0.0303 B	NA	0.0450 B
Beryllium		ND(0.0100) J	NA	ND(0.00100)
Cadmium		ND(0.0100) J	NA	ND(0.00500)
Chromium		ND(0.0100)	NA	0.00370 B
Cobalt		ND(0.0100) J	NA	0.00370 B
Copper		ND(0.0100) J	NA	ND(0.0250)
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		ND(0.00600)	NA	NA
Lead		ND(0.0100)	NA	ND(0.00500) J
Mercury		0.000191 B	NA	ND(0.000200)
Nickel		ND(0.0100) J	NA	ND(0.0400)
Selenium		0.00976 B	NA	ND(0.00500)
Silver		ND(0.0100)	NA	ND(0.0100)
Thallium		ND(0.0100) J	NA	ND(0.0100) J
Tin		0.0163 J	NA	ND(0.0300)
Vanadium		ND(0.0500)	NA	ND(0.0500)
Zinc		0.00245 B	NA	0.0180 J

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Sample ID: / Laboratory: / Parameter / Date Collected:	78-6 SGS 04/19/06	78-6 NEA 09/28/06	78-6 SGS 09/28/06
Volatile Organics			
Acetone	ND(0.010)	NA	NA
Benzene	ND(0.0050)	NA	NA
Carbon Disulfide	ND(0.0050)	NA	NA
Chlorobenzene	ND(0.0050)	NA	NA
Chloroform	ND(0.0050)	NA	NA
Chloromethane	ND(0.0050)	NA	NA
Dibromomethane	ND(0.0050)	NA	NA
Methylene Chloride	ND(0.0050)	NA	NA
Tetrachloroethene	ND(0.0020)	NA	NA
Toluene	ND(0.0050)	NA	NA
Trichloroethene	ND(0.0050)	NA	NA
Vinyl Chloride	ND(0.0020)	NA	NA
Total VOCs	ND(0.20)	NA	NA
PCBs-Unfiltered			
Aroclor-1221	NA	NA	NA
Aroclor-1248	NA	NA	NA
Aroclor-1254	NA	NA	NA
Aroclor-1260	NA	NA	NA
Total PCBs	NA	NA	NA
PCBs-Filtered			
Aroclor-1221	ND(0.000065)	ND(0.000022) [ND(0.000022)]	ND(0.000062) J [ND(0.000062) J]
Aroclor-1248	ND(0.000065)	ND(0.000022) [ND(0.000022)]	ND(0.000062) J [ND(0.000062) J]
Aroclor-1254	0.00079	ND(0.000022) [ND(0.000022)]	ND(0.000062) J [ND(0.000062) J]
Aroclor-1260	ND(0.000065)	ND(0.000022) [ND(0.000022)]	ND(0.000062) J [ND(0.000062) J]
Total PCBs	0.00079	ND(0.000022) [ND(0.000022)]	ND(0.000062) J [ND(0.000062) J]
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.010) J	NA	NA
2,4-Dimethylphenol	ND(0.010) J	NA	NA
3,3'-Dichlorobenzidine	ND(0.020) J	NA	NA
Acenaphthene	ND(0.010) J	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.0060) J	NA	NA
Dibenzofuran	ND(0.010) J	NA	NA
Naphthalene	ND(0.010) J	NA	NA
Phenol	ND(0.010) J	NA	NA
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	ND(0.0000000049)	NA	NA
TCDFs (total)	ND(0.000000010)	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000000063)	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000062)	NA	NA
PeCDFs (total)	ND(0.0000000063)	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.000000013)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.000000011)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.000000015)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.000000013)	NA	NA
HxCDFs (total)	ND(0.000000013)	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000061)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000079)	NA	NA
HpCDFs (total)	ND(0.000000015)	NA	NA
OCDF	ND(0.000000022)	NA	NA

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-6 SGS 04/19/06	78-6 NEA 09/28/06	78-6 SGS 09/28/06
Dioxins				
2,3,7,8-TCDD		ND(0.0000000059)	NA	NA
TCDDs (total)		ND(0.000000013)	NA	NA
1,2,3,7,8-PeCDD		ND(0.000000010)	NA	NA
PeCDDs (total)		ND(0.000000010)	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.0000000092)	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.0000000085)	NA	NA
1,2,3,7,8,9-HxCDD		ND(0.0000000093)	NA	NA
HxCDDs (total)		ND(0.000000024)	NA	NA
1,2,3,4,6,7,8-HpCDD		ND(0.000000012)	NA	NA
HpCDDs (total)		ND(0.000000026)	NA	NA
OCDD		ND(0.000000030)	NA	NA
Total TEQs (WHO TEFs)		0.000000014	NA	NA
Inorganics-Unfiltered				
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Cyanide		NA	NA	NA
Lead		NA	NA	NA
Mercury		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		8.80	NA	NA
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filtered				
Antimony		ND(0.0600)	NA	NA
Arsenic		ND(0.0100)	NA	NA
Barium		0.0620 B	NA	NA
Beryllium		ND(0.00100)	NA	NA
Cadmium		ND(0.00500)	NA	NA
Chromium		ND(0.0100)	NA	NA
Cobalt		0.00220 B	NA	NA
Copper		ND(0.0250)	NA	NA
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		0.00230 B	NA	NA
Lead		ND(0.00500)	NA	NA
Mercury		ND(0.000200)	NA	NA
Nickel		ND(0.0400)	NA	NA
Selenium		ND(0.00500)	NA	NA
Silver		ND(0.00500)	NA	NA
Thallium		ND(0.0100) J	NA	NA
Tin		ND(0.0300)	NA	NA
Vanadium		ND(0.0500)	NA	NA
Zinc		ND(0.0200)	NA	NA

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Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-6 NEA 11/07/06	78-6 SGS 11/07/06	78-6 SGS 04/19/07
Volatile Organics				
Acetone		NA	ND(0.0050) J	ND(0.0050) J
Benzene		NA	ND(0.0010)	ND(0.0010)
Carbon Disulfide		NA	ND(0.0010)	ND(0.0010)
Chlorobenzene		NA	ND(0.0010)	ND(0.0010)
Chloroform		NA	ND(0.0010)	ND(0.0010)
Chloromethane		NA	ND(0.0010)	ND(0.0010)
Dibromomethane		NA	ND(0.0010)	ND(0.0010)
Methylene Chloride		NA	ND(0.0050)	ND(0.0050)
Tetrachloroethene		NA	ND(0.0010)	ND(0.0010)
Toluene		NA	0.0019	ND(0.0010)
Trichloroethene		NA	ND(0.0010)	ND(0.0010)
Vinyl Chloride		NA	ND(0.0010)	ND(0.0010) J
Total VOCs		NA	0.0019	ND(0.10)
PCBs-Unfiltered				
Aroclor-1221		NA	NA	NA
Aroclor-1248		NA	NA	NA
Aroclor-1254		NA	NA	NA
Aroclor-1260		NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered				
Aroclor-1221		ND(0.000022)	ND(0.00011)	ND(0.00011)
Aroclor-1248		ND(0.000022)	ND(0.00011)	ND(0.00011)
Aroclor-1254		ND(0.000022)	ND(0.00011)	ND(0.00011)
Aroclor-1260		ND(0.000022)	ND(0.00011)	ND(0.00011)
Total PCBs		ND(0.000022)	ND(0.00011)	ND(0.00011)
Semivolatile Organics				
1,2,4-Trichlorobenzene		NA	ND(0.011)	ND(0.010)
2,4-Dimethylphenol		NA	ND(0.011) J	ND(0.010)
3,3'-Dichlorobenzidine		NA	ND(0.022) J	ND(0.020)
Acenaphthene		NA	ND(0.011)	ND(0.010)
bis(2-Ethylhexyl)phthalate		NA	ND(0.011)	ND(0.010)
Dibenzofuran		NA	ND(0.011)	ND(0.010)
Naphthalene		NA	ND(0.011) J	ND(0.010)
Phenol		NA	ND(0.011)	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		NA	0.0000000012 J	ND(0.0000000014)
TCDFs (total)		NA	0.0000000012 J	ND(0.0000000014)
1,2,3,7,8-PeCDF		NA	ND(0.0000000054)	ND(0.0000000052)
2,3,4,7,8-PeCDF		NA	ND(0.0000000054)	ND(0.0000000052)
PeCDFs (total)		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,4,7,8-HxCDF		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,6,7,8-HxCDF		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,7,8,9-HxCDF		NA	ND(0.0000000054)	ND(0.0000000052)
2,3,4,6,7,8-HxCDF		NA	ND(0.0000000054)	ND(0.0000000052)
HxCDFs (total)		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,4,6,7,8-HpCDF		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000000054)	ND(0.0000000052)
HpCDFs (total)		NA	ND(0.0000000054)	ND(0.0000000052)
OCDF		NA	ND(0.000000011)	ND(0.000000011)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	78-6 NEA 11/07/06	78-6 SGS 11/07/06	78-6 SGS 04/19/07
Dioxins				
2,3,7,8-TCDD		NA	ND(0.0000000014)	ND(0.0000000016)
TCDDs (total)		NA	ND(0.0000000014)	ND(0.0000000016)
1,2,3,7,8-PeCDD		NA	ND(0.0000000054)	ND(0.0000000052)
PeCDDs (total)		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,4,7,8-HxCDD		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,6,7,8-HxCDD		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000000054)	ND(0.0000000052)
HxCDDs (total)		NA	ND(0.0000000054)	ND(0.0000000052)
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000000054)	ND(0.0000000052)
HpCDDs (total)		NA	ND(0.0000000054)	ND(0.0000000052)
OCDD		NA	ND(0.000000029)	ND(0.000000011)
Total TEQs (WHO TEFs)		NA	0.0000000070	0.0000000069
Inorganics-Unfiltered				
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Cyanide		NA	NA	NA
Lead		NA	NA	NA
Mercury		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		NA	ND(1.00)	ND(1.00)
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filtered				
Antimony		NA	ND(0.0400) J	ND(0.0400)
Arsenic		NA	ND(0.0100) J	0.00526 B
Barium		NA	ND(0.500) J	0.0337 B
Beryllium		NA	0.00135 J	0.00115 J
Cadmium		NA	ND(0.00500)	ND(0.0100) J
Chromium		NA	ND(0.0100)	ND(0.0100) J
Cobalt		NA	ND(0.0100) J	ND(0.0100) J
Copper		NA	ND(0.200)	ND(0.0100) J
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)	ND(0.00600)
Lead		NA	ND(0.0100) J	ND(0.0100)
Mercury		NA	0.0000429 B	ND(0.000285)
Nickel		NA	ND(0.0500) J	ND(0.0100) J
Selenium		NA	ND(0.0200) J	0.00957 B
Silver		NA	ND(0.0100)	ND(0.0100)
Thallium		NA	0.00611 J	ND(0.0100)
Tin		NA	ND(0.100)	0.0498
Vanadium		NA	ND(0.0500) J	ND(0.0500)
Zinc		NA	0.00393 B	0.00351 B

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	GMA4-4 SGS 04/21/03	GMA4-4 SGS 11/12/03	GMA4-6 NEA 10/02/06
Volatile Organics				
Acetone		ND(0.010)	ND(0.010)	NA
Benzene		ND(0.0050)	ND(0.0050)	NA
Carbon Disulfide		ND(0.0050)	ND(0.0050)	NA
Chlorobenzene		ND(0.0050)	ND(0.0050)	NA
Chloroform		ND(0.0050)	ND(0.0050)	NA
Chloromethane		ND(0.0050)	ND(0.0050) J	NA
Dibromomethane		ND(0.0050)	ND(0.0050)	NA
Methylene Chloride		ND(0.0050)	ND(0.0050)	NA
Tetrachloroethene		ND(0.0020)	ND(0.0020)	NA
Toluene		ND(0.0050)	ND(0.0050)	NA
Trichloroethene		ND(0.0050)	ND(0.0050)	NA
Vinyl Chloride		ND(0.0020)	ND(0.0020)	NA
Total VOCs		ND(0.20)	ND(0.20)	NA
PCBs-Unfiltered				
Aroclor-1221		ND(0.000065)	ND(0.000065)	NA
Aroclor-1248		ND(0.000065)	ND(0.000065)	NA
Aroclor-1254		0.000024 J	0.000039 J	NA
Aroclor-1260		ND(0.000065)	ND(0.000065)	NA
Total PCBs		0.000024 J	0.000039 J	NA
PCBs-Filtered				
Aroclor-1221		ND(0.000065)	ND(0.000065)	ND(0.000022)
Aroclor-1248		ND(0.000065)	ND(0.000065)	ND(0.000022)
Aroclor-1254		0.000028 J	0.000030 J	ND(0.000022)
Aroclor-1260		ND(0.000065)	ND(0.000065)	ND(0.000022)
Total PCBs		0.000028 J	0.000030 J	ND(0.000022)
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	NA
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	NA
3,3'-Dichlorobenzidine		ND(0.020)	ND(0.020)	NA
Acenaphthene		ND(0.010)	ND(0.010)	NA
bis(2-Ethylhexyl)phthalate		ND(0.0060)	ND(0.0060)	NA
Dibenzofuran		ND(0.010)	ND(0.010)	NA
Naphthalene		ND(0.010)	ND(0.010)	NA
Phenol		ND(0.010)	ND(0.010)	NA
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		ND(0.0000000021)	ND(0.0000000023)	NA
TCDFs (total)		ND(0.0000000021)	ND(0.0000000023)	NA
1,2,3,7,8-PeCDF		ND(0.0000000025)	0.0000000016 J	NA
2,3,4,7,8-PeCDF		ND(0.0000000025)	ND(0.0000000012)	NA
PeCDFs (total)		ND(0.0000000025)	ND(0.0000000028)	NA
1,2,3,4,7,8-HxCDF		ND(0.0000000025)	ND(0.0000000012)	NA
1,2,3,6,7,8-HxCDF		ND(0.0000000025)	ND(0.0000000016)	NA
1,2,3,7,8,9-HxCDF		ND(0.0000000025)	ND(0.0000000025)	NA
2,3,4,6,7,8-HxCDF		ND(0.0000000025)	ND(0.0000000025)	NA
HxCDFs (total)		ND(0.0000000025)	ND(0.0000000028)	NA
1,2,3,4,6,7,8-HpCDF		ND(0.0000000025)	ND(0.0000000037)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000000032)	ND(0.0000000048)	NA
HpCDFs (total)		ND(0.0000000027)	ND(0.0000000042)	NA
OCDF		ND(0.0000000050)	ND(0.000000012)	NA

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	GMA4-4 SGS 04/21/03	GMA4-4 SGS 11/12/03	GMA4-6 NEA 10/02/06
Dioxins				
2,3,7,8-TCDD		ND(0.0000000019)	ND(0.0000000035)	NA
TCDDs (total)		ND(0.0000000027)	ND(0.0000000035)	NA
1,2,3,7,8-PeCDD		ND(0.0000000025)	ND(0.0000000023)	NA
PeCDDs (total)		ND(0.0000000036)	ND(0.0000000023)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000000029)	ND(0.0000000040)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000000026)	ND(0.0000000039)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000000028)	ND(0.0000000040)	NA
HxCDDs (total)		ND(0.0000000040)	ND(0.0000000039)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.0000000030)	ND(0.0000000054)	NA
HpCDDs (total)		ND(0.0000000030)	ND(0.0000000054)	NA
OCDD		ND(0.0000000086)	ND(0.000000028)	NA
Total TEQs (WHO TEFs)		0.0000000040	0.0000000045	NA
Inorganics-Unfiltered				
Antimony		ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.0100)	ND(0.0100)	NA
Barium		0.0160 B	0.00980 B	NA
Beryllium		ND(0.00100)	ND(0.00100)	NA
Cadmium		ND(0.00500)	ND(0.00500)	NA
Chromium		ND(0.0100)	ND(0.010)	NA
Cobalt		ND(0.0500)	ND(0.0500)	NA
Copper		ND(0.0250)	ND(0.0250)	NA
Cyanide		ND(0.0100)	0.00270 B	NA
Lead		ND(0.00300)	ND(0.00300)	NA
Mercury		ND(0.000200)	ND(0.000200)	NA
Nickel		ND(0.0400)	ND(0.0400)	NA
Selenium		ND(0.00500)	ND(0.00500)	NA
Silver		ND(0.00500)	ND(0.00500)	NA
Sulfide		ND(5.00)	ND(5.00)	NA
Thallium		ND(0.0100) J	ND(0.0100)	NA
Tin		ND(0.0300)	ND(0.0300)	NA
Vanadium		ND(0.0500)	ND(0.0500)	NA
Zinc		ND(0.025)	ND(0.020)	NA
Inorganics-Filtered				
Antimony		ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.0100)	ND(0.0100)	NA
Barium		0.0160 B	0.0120 B	NA
Beryllium		ND(0.00100)	ND(0.00100)	NA
Cadmium		ND(0.00500)	ND(0.00500)	NA
Chromium		ND(0.0100)	ND(0.0100)	NA
Cobalt		ND(0.0500)	ND(0.0500)	NA
Copper		ND(0.0250)	ND(0.0250)	NA
Cyanide		ND(0.0100)	0.00280 B	NA
Cyanide-MADEP (PAC)		NA	NA	NA
Lead		ND(0.00300)	ND(0.00300)	NA
Mercury		ND(0.000200)	ND(0.000200)	NA
Nickel		ND(0.0400)	ND(0.0400)	NA
Selenium		ND(0.00500)	ND(0.00500)	NA
Silver		ND(0.00500)	ND(0.00500)	NA
Thallium		ND(0.0100) J	ND(0.0100)	NA
Tin		ND(0.0300)	ND(0.0300)	NA
Vanadium		ND(0.0500)	ND(0.0500)	NA
Zinc		0.00140 B	ND(0.0200) J	NA

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	GMA4-6 SGS 10/02/06	GMA4-6 SGS 11/07/06	GMA4-6 SGS 11/07/06	GMA4-6 SGS 04/19/07
Volatile Organics					
Acetone		NA	NA	ND(0.0050) J	ND(0.0050) J
Benzene		NA	NA	ND(0.0010)	ND(0.0010)
Carbon Disulfide		NA	NA	ND(0.0010)	ND(0.0010)
Chlorobenzene		NA	NA	ND(0.0010)	ND(0.0010)
Chloroform		NA	NA	ND(0.0010)	ND(0.0010)
Chloromethane		NA	NA	ND(0.0010)	ND(0.0010)
Dibromomethane		NA	NA	ND(0.0010)	ND(0.0010)
Methylene Chloride		NA	NA	ND(0.0050)	ND(0.0050)
Tetrachloroethene		NA	NA	ND(0.0010)	ND(0.0010)
Toluene		NA	NA	0.00032 J	ND(0.0010)
Trichloroethene		NA	NA	ND(0.0010)	ND(0.0010)
Vinyl Chloride		NA	NA	ND(0.0010)	ND(0.0010) J
Total VOCs		NA	NA	0.00032 J	ND(0.10)
PCBs-Unfiltered					
Aroclor-1221		NA	NA	NA	NA
Aroclor-1248		NA	NA	NA	NA
Aroclor-1254		NA	NA	NA	NA
Aroclor-1260		NA	NA	NA	NA
Total PCBs		NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1221		ND(0.00010)	ND(0.000022)	ND(0.00010)	ND(0.00011)
Aroclor-1248		ND(0.00010) J	ND(0.000022)	ND(0.00010)	ND(0.00011)
Aroclor-1254		ND(0.00010)	ND(0.000022)	ND(0.00010)	ND(0.00011)
Aroclor-1260		ND(0.00010)	ND(0.000022)	ND(0.00010)	ND(0.00011)
Total PCBs		ND(0.00010) J	ND(0.000022)	ND(0.00010)	ND(0.00011)
Semivolatile Organics					
1,2,4-Trichlorobenzene		NA	NA	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		NA	NA	ND(0.010) J	ND(0.010)
3,3'-Dichlorobenzidine		NA	NA	ND(0.020) J	ND(0.020)
Acenaphthene		NA	NA	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		NA	NA	ND(0.010)	0.0016 J
Dibenzofuran		NA	NA	ND(0.010)	ND(0.010)
Naphthalene		NA	NA	ND(0.010) J	ND(0.010)
Phenol		NA	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		NA	NA	0.0000000015 J	ND(0.0000000018)
TCDFs (total)		NA	NA	0.0000000015 J	ND(0.0000000018)
1,2,3,7,8-PeCDF		NA	NA	0.0000000065 J	ND(0.0000000053)
2,3,4,7,8-PeCDF		NA	NA	0.0000000052 J	ND(0.0000000053)
PeCDFs (total)		NA	NA	0.000000012 J	ND(0.0000000053)
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.0000000052)	ND(0.0000000053)
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.0000000052)	ND(0.0000000053)
HxCDFs (total)		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.0000000052)	ND(0.0000000053)
HpCDFs (total)		NA	NA	ND(0.0000000052)	ND(0.0000000053)
OCDF		NA	NA	ND(0.000000010)	ND(0.000000011)

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	GMA4-6 SGS 10/02/06	GMA4-6 SGS 11/07/06	GMA4-6 SGS 11/07/06	GMA4-6 SGS 04/19/07
Dioxins					
2,3,7,8-TCDD		NA	NA	ND(0.0000000014) X	ND(0.0000000022)
TCDDs (total)		NA	NA	ND(0.0000000013)	ND(0.0000000022)
1,2,3,7,8-PeCDD		NA	NA	ND(0.0000000052)	ND(0.0000000053)
PeCDDs (total)		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.0000000052)	ND(0.0000000053)
HxCDDs (total)		NA	NA	ND(0.0000000052)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.0000000052)	ND(0.0000000053)
HpCDDs (total)		NA	NA	ND(0.0000000052)	0.0000000060 J
OCDD		NA	NA	ND(0.000000010)	0.000000040 J
Total TEQs (WHO TEFs)		NA	NA	0.0000000082	0.0000000072
Inorganics-Unfiltered					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		NA	NA	ND(1.00)	1.10
Thallium		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA
Inorganics-Filtered					
Antimony		NA	NA	ND(0.0400) J	0.00696 B
Arsenic		NA	NA	ND(0.0100) J	ND(0.0100)
Barium		NA	NA	ND(0.500) J	0.0410 B
Beryllium		NA	NA	ND(0.0100) J	0.00578 J
Cadmium		NA	NA	ND(0.00500)	ND(0.0100) J
Chromium		NA	NA	ND(0.0100)	ND(0.0100) J
Cobalt		NA	NA	ND(0.0100) J	ND(0.0100) J
Copper		NA	NA	ND(0.200)	ND(0.0100) J
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	ND(0.0100)	ND(0.00600)
Lead		NA	NA	ND(0.0100) J	ND(0.0100)
Mercury		NA	NA	0.0000382 B	ND(0.000285)
Nickel		NA	NA	ND(0.0500) J	ND(0.0100) J
Selenium		NA	NA	ND(0.0200) J	0.0110 B
Silver		NA	NA	ND(0.0100)	ND(0.0100)
Thallium		NA	NA	ND(0.0100) J	ND(0.0100)
Tin		NA	NA	ND(0.100)	ND(0.0100) J
Vanadium		NA	NA	ND(0.0500) J	ND(0.0500)
Zinc		NA	NA	0.0253 B	0.119

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	H78B-15 SGS 06/16/99	H78B-15 SGS 05/03/01	H78B-15 SGS 04/19/06
Volatile Organics				
Acetone		ND(0.10)	ND(0.010)	ND(0.010)
Benzene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.010)	ND(0.0050)	ND(0.0050)
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.010)	ND(0.0050)	ND(0.0050)
Dibromomethane		ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0050)	ND(0.0020)	ND(0.0020)
Toluene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.0020)
Total VOCs		ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221		ND(0.000050)	ND(0.000065)	NA
Aroclor-1248		ND(0.000050)	ND(0.000065)	NA
Aroclor-1254		0.000035 J	ND(0.000065)	NA
Aroclor-1260		ND(0.000050)	ND(0.000065)	NA
Total PCBs		0.000035 J	ND(0.000065)	NA
PCBs-Filtered				
Aroclor-1221		NA	ND(0.000065)	ND(0.000065)
Aroclor-1248		NA	ND(0.000065)	ND(0.000065)
Aroclor-1254		NA	ND(0.000065)	0.00033
Aroclor-1260		NA	ND(0.000065)	ND(0.000065)
Total PCBs		NA	ND(0.000065)	0.00033
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	NA
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	NA
3,3'-Dichlorobenzidine		ND(0.050)	ND(0.020)	NA
Acenaphthene		ND(0.010)	ND(0.010)	NA
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.0060)	NA
Dibenzofuran		ND(0.010)	ND(0.010)	NA
Naphthalene		ND(0.010)	ND(0.010)	NA
Phenol		ND(0.010)	ND(0.010)	NA
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		ND(0.0000000015)	ND(0.00000000040)	ND(0.0000000068)
TCDFs (total)		ND(0.0000000015)	ND(0.0000000012)	ND(0.000000011)
1,2,3,7,8-PeCDF		ND(0.0000000036)	ND(0.00000000038)	ND(0.0000000074)
2,3,4,7,8-PeCDF		ND(0.0000000034)	ND(0.00000000055) XB	ND(0.0000000072)
PeCDFs (total)		ND(0.0000000036)	ND(0.0000000013)	ND(0.0000000073)
1,2,3,4,7,8-HxCDF		ND(0.0000000017)	ND(0.0000000015) XB	ND(0.000000012)
1,2,3,6,7,8-HxCDF		ND(0.0000000017)	ND(0.00000000040)	ND(0.000000010)
1,2,3,7,8,9-HxCDF		ND(0.0000000023)	ND(0.00000000050)	ND(0.000000014)
2,3,4,6,7,8-HxCDF		ND(0.0000000018)	ND(0.00000000040)	ND(0.000000011)
HxCDFs (total)		ND(0.0000000023)	ND(0.00000000058)	ND(0.000000012)
1,2,3,4,6,7,8-HpCDF		ND(0.000000032)	ND(0.00000000060)	ND(0.0000000082)
1,2,3,4,7,8,9-HpCDF		ND(0.000000015)	ND(0.00000000086) XB	ND(0.000000011)
HpCDFs (total)		ND(0.000000032)	ND(0.00000000086) X	ND(0.000000015)
OCDF		ND(0.0000000076)	ND(0.0000000026)	ND(0.000000024)

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OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	H78B-15 SGS 06/16/99	H78B-15 SGS 05/03/01	H78B-15 SGS 04/19/06
Dioxins				
2,3,7,8-TCDD		ND(0.0000000035)	ND(0.0000000017) XB	ND(0.0000000056)
TCDDs (total)		ND(0.0000000035)	ND(0.0000000031) X	ND(0.000000012)
1,2,3,7,8-PeCDD		ND(0.0000000071)	ND(0.00000000060)	ND(0.000000012)
PeCDDs (total)		ND(0.0000000071)	ND(0.0000000018) X	ND(0.000000012)
1,2,3,4,7,8-HxCDD		ND(0.0000000056)	ND(0.00000000080)	ND(0.0000000092)
1,2,3,6,7,8-HxCDD		ND(0.0000000070)	ND(0.0000000012)	ND(0.0000000084)
1,2,3,7,8,9-HxCDD		ND(0.0000000062)	ND(0.00000000095) XB	ND(0.0000000093)
HxCDDs (total)		ND(0.0000000070)	0.0000000032	ND(0.000000027)
1,2,3,4,6,7,8-HpCDD		ND(0.000000011)	0.0000000052 JB	0.000000034 J
HpCDDs (total)		ND(0.000000011)	ND(0.0000000052)	0.000000034 J
OCDD		ND(0.0000000090)	ND(0.0000000077)	ND(0.000000030)
Total TEQs (WHO TEFs)		0.0000000079	0.0000000017	0.000000015
Inorganics-Unfiltered				
Antimony		ND(0.0600)	0.00290 J	NA
Arsenic		ND(0.00600)	ND(0.0100)	NA
Barium		0.0570	0.00430 B	NA
Beryllium		ND(0.00600)	ND(0.00100)	NA
Cadmium		ND(0.00600) J	ND(0.00500)	NA
Chromium		ND(0.0130)	0.00290 B	NA
Cobalt		ND(0.0600)	ND(0.0500)	NA
Copper		ND(0.0330)	0.00910 B	NA
Cyanide		ND(0.0200)	ND(0.0100)	NA
Lead		ND(0.130) J	ND(0.00500) J	NA
Mercury		ND(0.000500)	ND(0.000200)	NA
Nickel		ND(0.0600)	ND(0.0400)	NA
Selenium		ND(0.00600)	ND(0.00500)	NA
Silver		ND(0.0130)	ND(0.00500)	NA
Sulfide		ND(5.00)	ND(5.00)	7.20 B
Thallium		ND(0.0130)	ND(0.0100) J	NA
Tin		ND(0.300) J	ND(0.0300)	NA
Vanadium		ND(0.0600)	ND(0.0500)	NA
Zinc		0.0830	0.0110 J	NA
Inorganics-Filtered				
Antimony		NA	ND(0.0100) J	ND(0.0600)
Arsenic		NA	ND(0.0100)	ND(0.0100)
Barium		NA	0.00460 B	0.0690 B
Beryllium		NA	ND(0.00100)	ND(0.00100)
Cadmium		NA	ND(0.00500)	ND(0.00500)
Chromium		NA	ND(0.0100)	0.000790 B
Cobalt		NA	ND(0.0500)	ND(0.0500)
Copper		NA	0.00610 B	0.00210 B
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	0.00180 B
Lead		NA	ND(0.00500) J	ND(0.00500)
Mercury		NA	ND(0.000200)	0.0000200 B
Nickel		NA	ND(0.0400)	ND(0.0400)
Selenium		NA	ND(0.00500)	ND(0.00500)
Silver		NA	ND(0.00500)	ND(0.00500)
Thallium		NA	ND(0.0100) J	ND(0.0100) J
Tin		NA	ND(0.0300)	ND(0.0300)
Vanadium		NA	ND(0.0500)	ND(0.0500)
Zinc		NA	0.0180 J	ND(0.0200)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	H78B-15 NEA 11/09/06	H78B-15 SGS 11/09/06	H78B-15 SGS 04/18/07
Volatile Organics				
Acetone		NA	ND(0.0050) J	ND(0.0050) [ND(0.0050)]
Benzene		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Carbon Disulfide		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroform		NA	0.0049	ND(0.0010) [ND(0.0010)]
Chloromethane		NA	0.00061 J	ND(0.0010) [ND(0.0010)]
Dibromomethane		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methylene Chloride		NA	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Tetrachloroethene		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Toluene		NA	0.00068 J	ND(0.0010) [ND(0.0010)]
Trichloroethene		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Vinyl Chloride		NA	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Total VOCs		NA	0.0062 J	ND(0.10) [ND(0.10)]
PCBs-Unfiltered				
Aroclor-1221		NA	NA	NA
Aroclor-1248		NA	NA	NA
Aroclor-1254		NA	NA	NA
Aroclor-1260		NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered				
Aroclor-1221		ND(0.000022)	ND(0.00011) J	ND(0.00010) [ND(0.00011)]
Aroclor-1248		ND(0.000022)	ND(0.00011) J	ND(0.00010) [ND(0.00011)]
Aroclor-1254		0.000029	ND(0.00011) J	ND(0.00010) [ND(0.00011)]
Aroclor-1260		ND(0.000022)	ND(0.00011) J	ND(0.00010) [ND(0.00011)]
Total PCBs		0.000029	ND(0.00011) J	ND(0.00010) [ND(0.00011)]
Semivolatile Organics				
1,2,4-Trichlorobenzene		NA	ND(0.010)	ND(0.010) [ND(0.010)]
2,4-Dimethylphenol		NA	ND(0.010) J	ND(0.010) [ND(0.010)]
3,3'-Dichlorobenzidine		NA	ND(0.020) J	ND(0.020) [ND(0.020)]
Acenaphthene		NA	ND(0.010)	ND(0.010) [ND(0.010)]
bis(2-Ethylhexyl)phthalate		NA	ND(0.010)	ND(0.010) [ND(0.010)]
Dibenzofuran		NA	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene		NA	ND(0.010) J	ND(0.010) [ND(0.010)]
Phenol		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		NA	ND(0.0000000011)	ND(0.0000000013) [ND(0.0000000016)]
TCDFs (total)		NA	ND(0.0000000011)	ND(0.0000000013) [ND(0.0000000016)]
1,2,3,7,8-PeCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
2,3,4,7,8-PeCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
PeCDFs (total)		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,7,8-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,6,7,8-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,7,8,9-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
2,3,4,6,7,8-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
HxCDFs (total)		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,6,7,8-HpCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
HpCDFs (total)		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
OCDF		NA	ND(0.000000011)	ND(0.000000010) [ND(0.000000010)]

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	H78B-15 NEA 11/09/06	H78B-15 SGS 11/09/06	H78B-15 SGS 04/18/07
Dioxins				
2,3,7,8-TCDD		NA	ND(0.0000000012)	ND(0.0000000015) [ND(0.0000000019)]
TCDDs (total)		NA	ND(0.0000000012)	ND(0.0000000015) [ND(0.0000000019)]
1,2,3,7,8-PeCDD		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
PeCDDs (total)		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,7,8-HxCDD		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,6,7,8-HxCDD		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,7,8,9-HxCDD		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
HxCDDs (total)		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
HpCDDs (total)		NA	ND(0.0000000055)	ND(0.0000000051) [ND(0.0000000052)]
OCDD		NA	ND(0.000000011)	ND(0.000000010) [ND(0.000000010)]
Total TEQs (WHO TEFs)		NA	0.0000000070	0.0000000066 [0.0000000069]
Inorganics-Unfiltered				
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Cyanide		NA	NA	NA
Lead		NA	NA	NA
Mercury		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		NA	ND(1.00)	ND(1.00) [ND(1.00)]
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filtered				
Antimony		NA	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Arsenic		NA	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Barium		NA	ND(0.500) J	0.00872 B [0.00850 B]
Beryllium		NA	0.000590 J	0.00529 B [ND(0.0100)]
Cadmium		NA	ND(0.00500) J	ND(0.0100) [ND(0.0100)]
Chromium		NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Cobalt		NA	ND(0.0100) J	ND(0.0100) [ND(0.0100)]
Copper		NA	ND(0.200) J	ND(0.0100) J [ND(0.0100) J]
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead		NA	ND(0.0100) J	ND(0.0100) [ND(0.0100)]
Mercury		NA	ND(0.000285)	ND(0.000285) [ND(0.000285)]
Nickel		NA	ND(0.0500) J	ND(0.0100) [0.00519 B]
Selenium		NA	ND(0.0200) J	ND(0.0200) [ND(0.0200)]
Silver		NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Thallium		NA	ND(0.0100) J	ND(0.0100) J [ND(0.0100)]
Tin		NA	ND(0.100)	ND(0.0100) J [0.00892 J]
Vanadium		NA	ND(0.0500) J	ND(0.0500) [ND(0.0500)]
Zinc		NA	0.00461 B	0.00361 B [ND(0.0200)]

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	NY-4 SGS 06/14/99	NY-4 SGS 04/30/01	OPCA-MW-1 SGS 06/16/99	OPCA-MW-1 SGS 05/02/01
Volatile Organics					
Acetone		ND(0.10)	ND(0.010)	ND(0.10)	ND(0.010)
Benzene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.0050)
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.0050)
Dibromomethane		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0050)	ND(0.0020)	ND(0.0050)	ND(0.0020)
Toluene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.010)	ND(0.0020)
Total VOCs		ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered					
Aroclor-1221		ND(0.00010)	ND(0.000065)	ND(0.000050)	ND(0.000065)
Aroclor-1248		ND(0.00010)	ND(0.000065)	ND(0.000050)	ND(0.000065)
Aroclor-1254		0.00012	0.00023	0.000054	ND(0.000065)
Aroclor-1260		ND(0.00010)	0.000080	ND(0.000050)	ND(0.000065)
Total PCBs		0.00012	0.00031	0.000054	ND(0.000065)
PCBs-Filtered					
Aroclor-1221		NA	ND(0.000065)	NA	ND(0.000065)
Aroclor-1248		NA	ND(0.000065)	NA	ND(0.000065)
Aroclor-1254		NA	0.00011	NA	ND(0.000065)
Aroclor-1260		NA	ND(0.000065)	NA	ND(0.000065)
Total PCBs		NA	0.00011	NA	ND(0.000065)
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)
3,3'-Dichlorobenzidine		ND(0.052)	ND(0.020)	ND(0.059)	ND(0.050)
Acenaphthene		ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.0060)	ND(0.012)	ND(0.010)
Dibenzofuran		ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)
Naphthalene		ND(0.010)	ND(0.010)	ND(0.012)	ND(0.010)
Phenol		ND(0.010)	ND(0.010) J	ND(0.012)	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		ND(0.0000000020)	ND(0.0000000011)	ND(0.0000000011)	ND(0.0000000013)
TCDFs (total)		ND(0.0000000020)	ND(0.000000018) X	0.0000000090 J	ND(0.0000000013)
1,2,3,7,8-PeCDF		ND(0.0000000074)	ND(0.000000012)	ND(0.0000000025)	ND0.0000000037)
2,3,4,7,8-PeCDF		ND(0.0000000069)	0.0000000034 J	ND(0.0000000024)	ND(0.0000000015)
PeCDFs (total)		ND(0.0000000074)	0.000000044	ND(0.0000000025)	ND(0.0000000037)
1,2,3,4,7,8-HxCDF		ND(0.000000021)	ND(0.000000013)	ND(0.0000000011)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF		ND(0.000000022)	ND(0.0000000032)	ND(0.0000000011)	ND(0.0000000015)
1,2,3,7,8,9-HxCDF		ND(0.000000021)	ND(0.0000000010)	ND(0.0000000016)	ND(0.0000000021)
2,3,4,6,7,8-HxCDF		ND(0.000000023)	ND(0.0000000017)	ND(0.0000000012)	ND(0.00000000090)
HxCDFs (total)		ND(0.000000023)	ND(0.000000027)	ND(0.0000000016)	ND(0.0000000046)
1,2,3,4,6,7,8-HpCDF		ND(0.000000054)	ND(0.0000000066)	ND(0.0000000073)	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF		ND(0.000000054)	0.0000000034 JB	ND(0.0000000090)	ND(0.0000000015)
HpCDFs (total)		ND(0.000000054)	ND(0.000000014)	0.0000000078 J	ND(0.0000000025)
OCDF		ND(0.000000067)	0.000000023 J	ND(0.0000000037)	ND(0.0000000046)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	NY-4 SGS 06/14/99	NY-4 SGS 04/30/01	OPCA-MW-1 SGS 06/16/99	OPCA-MW-1 SGS 05/02/01
Dioxins					
2,3,7,8-TCDD		ND(0.0000000030)	0.000000017	ND(0.0000000012)	ND(0.0000000018)
TCDDs (total)		ND(0.0000000030)	0.000000017	ND(0.0000000012)	ND(0.0000000018)
1,2,3,7,8-PeCDD		ND(0.000000031)	ND(0.0000000018)	ND(0.0000000046)	ND(0.0000000015)
PeCDDs (total)		ND(0.000000031)	ND(0.0000000093)	ND(0.0000000046)	ND(0.0000000015)
1,2,3,4,7,8-HxCDD		ND(0.000000032)	ND(0.0000000016)	ND(0.0000000034)	ND(0.0000000012)
1,2,3,6,7,8-HxCDD		ND(0.000000040)	ND(0.000000017)	ND(0.0000000042)	ND(0.0000000013)
1,2,3,7,8,9-HxCDD		ND(0.000000036)	ND(0.000000012)	ND(0.0000000038)	ND(0.0000000012)
HxCDDs (total)		ND(0.000000040)	ND(0.000000062)	ND(0.0000000042)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDD		ND(0.000000082)	0.000000084 B	ND(0.0000000070)	ND(0.0000000045)
HpCDDs (total)		ND(0.000000082)	0.00000012	ND(0.0000000070)	ND(0.0000000045)
OCDD		ND(0.000000084)	ND(0.000000048)	ND(0.0000000044)	ND(0.000000029)
Total TEQs (WHO TEFs)		0.000000029	0.000000023	0.0000000046	0.0000000028
Inorganics-Unfiltered					
Antimony		ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic		ND(0.00600)	0.00450 B	ND(0.00600)	0.00450 B
Barium		0.0200	0.0300 B	0.0620	0.0240 B
Beryllium		ND(0.00600)	ND(0.00100)	ND(0.00600)	ND(0.00100)
Cadmium		ND(0.00600)	ND(0.00500)	ND(0.00600) J	ND(0.00500)
Chromium		ND(0.0130)	0.00460 B	ND(0.0130)	ND(0.025) J
Cobalt		ND(0.0600)	ND(0.0500)	ND(0.0600)	0.000350 B
Copper		ND(0.0330)	0.0100 B	ND(0.0330)	ND(0.0250)
Cyanide		ND(0.0200)	ND(0.0100)	ND(0.0200)	ND(0.0100)
Lead		ND(0.130) J	ND(0.00500)	ND(0.130) J	ND(0.0050) J
Mercury		ND(0.000500)	ND(0.000200)	ND(0.000500)	ND(0.000200)
Nickel		ND(0.0600)	ND(0.0400)	ND(0.0600)	ND(0.0400)
Selenium		ND(0.00600) J	0.0080 J	ND(0.00600)	ND(0.00500)
Silver		ND(0.0130)	ND(0.00500)	ND(0.0130)	ND(0.00500)
Sulfide		ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium		ND(0.0130)	ND(0.0100)	ND(0.0130)	ND(0.010) J
Tin		ND(0.300)	ND(0.0300)	ND(0.300) J	ND(0.0300)
Vanadium		ND(0.0600)	ND(0.0500)	ND(0.0600)	ND(0.0500)
Zinc		ND(0.0260)	0.0350	ND(0.0260)	0.028 J
Inorganics-Filtered					
Antimony		NA	ND(0.0600)	NA	ND(0.0600)
Arsenic		NA	ND(0.0100)	NA	ND(0.0100)
Barium		NA	0.0170 B	NA	0.0230 B
Beryllium		NA	ND(0.00100)	NA	ND(0.00100)
Cadmium		NA	ND(0.00500)	NA	ND(0.00500)
Chromium		NA	ND(0.0100)	NA	ND(0.025) J
Cobalt		NA	ND(0.0500)	NA	ND(0.0500)
Copper		NA	0.00410 B	NA	0.00420 B
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	NA	NA
Lead		NA	ND(0.00500)	NA	ND(0.0050) J
Mercury		NA	ND(0.000200)	NA	ND(0.000200)
Nickel		NA	ND(0.0400)	NA	ND(0.0400)
Selenium		NA	0.0075 J	NA	ND(0.00500)
Silver		NA	ND(0.00500)	NA	ND(0.00500)
Thallium		NA	ND(0.0100)	NA	ND(0.010) J
Tin		NA	ND(0.0300)	NA	ND(0.0300)
Vanadium		NA	ND(0.0500)	NA	ND(0.0500)
Zinc		NA	0.0180 B	NA	0.028 J

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-1 SGS 04/18/06	OPCA-MW-1R NEA 11/08/06	OPCA-MW-1R SGS 11/08/06
Volatile Organics				
Acetone		ND(0.010) [ND(0.010)]	NA	ND(0.0050) J
Benzene		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Carbon Disulfide		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Chlorobenzene		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Chloroform		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Chloromethane		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Dibromomethane		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Methylene Chloride		ND(0.0050) [ND(0.0050)]	NA	ND(0.0050)
Tetrachloroethene		ND(0.0020) [ND(0.0020)]	NA	0.018
Toluene		ND(0.0050) [ND(0.0050)]	NA	ND(0.0010)
Trichloroethene		ND(0.0050) J [ND(0.0050)]	NA	ND(0.0010)
Vinyl Chloride		ND(0.0020) [ND(0.0020)]	NA	ND(0.0010)
Total VOCs		ND(0.20) [ND(0.20)]	NA	0.018
PCBs-Unfiltered				
Aroclor-1221		NA	NA	NA
Aroclor-1248		NA	NA	NA
Aroclor-1254		NA	NA	NA
Aroclor-1260		NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered				
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000022)	ND(0.00010)
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000022)	ND(0.00010)
Aroclor-1254		0.0010 [0.00088]	0.00015	ND(0.00010)
Aroclor-1260		ND(0.000065) [ND(0.000065)]	ND(0.000022)	ND(0.00010)
Total PCBs		0.0010 [0.00088]	0.00015	ND(0.00010)
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010) [ND(0.010)]	NA	ND(0.010)
2,4-Dimethylphenol		ND(0.010) [ND(0.010)]	NA	ND(0.010) J
3,3'-Dichlorobenzidine		ND(0.020) [ND(0.020)]	NA	ND(0.020) J
Acenaphthene		ND(0.010) [ND(0.010)]	NA	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.0060) J [ND(0.0060) J]	NA	ND(0.010)
Dibenzofuran		ND(0.010) [ND(0.010)]	NA	ND(0.010)
Naphthalene		ND(0.010) [ND(0.010)]	NA	ND(0.010) J
Phenol		ND(0.010) [ND(0.010)]	NA	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		ND(0.0000000064) [ND(0.0000000053)]	NA	ND(0.0000000010)
TCDFs (total)		ND(0.000000016) [ND(0.000000010)]	NA	ND(0.0000000010)
1,2,3,7,8-PeCDF		ND(0.0000000061) [ND(0.0000000056)]	NA	ND(0.0000000050)
2,3,4,7,8-PeCDF		ND(0.0000000061) [ND(0.0000000056)]	NA	ND(0.0000000050)
PeCDFs (total)		ND(0.0000000061) [ND(0.0000000056)]	NA	ND(0.0000000050)
1,2,3,4,7,8-HxCDF		ND(0.000000011) [ND(0.0000000099)]	NA	ND(0.0000000050)
1,2,3,6,7,8-HxCDF		ND(0.0000000095) [ND(0.0000000087)]	NA	ND(0.0000000050)
1,2,3,7,8,9-HxCDF		ND(0.000000013) [ND(0.000000012)]	NA	ND(0.0000000050)
2,3,4,6,7,8-HxCDF		ND(0.000000011) [ND(0.0000000099)]	NA	ND(0.0000000050)
HxCDFs (total)		ND(0.000000011) [ND(0.0000000099)]	NA	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000061) [ND(0.0000000056)]	NA	ND(0.0000000050)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000067) [ND(0.0000000064)]	NA	ND(0.0000000050)
HpCDFs (total)		ND(0.000000014) [ND(0.000000016)]	NA	ND(0.0000000050)
OCDF		ND(0.000000022) [ND(0.000000020)]	NA	ND(0.000000010)

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OPCA Monitoring Program

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-1 / SGS / 04/18/06	OPCA-MW-1R / NEA / 11/08/06	OPCA-MW-1R / SGS / 11/08/06
Dioxins				
2,3,7,8-TCDD		ND(0.0000000064) [ND(0.0000000053)]	NA	ND(0.0000000011)
TCDDs (total)		ND(0.000000018) [ND(0.000000011)]	NA	ND(0.0000000011)
1,2,3,7,8-PeCDD		ND(0.0000000086) [ND(0.0000000083)]	NA	ND(0.0000000050)
PeCDDs (total)		ND(0.0000000086) [ND(0.0000000083)]	NA	ND(0.0000000050)
1,2,3,4,7,8-HxCDD		ND(0.0000000088) [ND(0.0000000069)]	NA	ND(0.0000000050)
1,2,3,6,7,8-HxCDD		ND(0.0000000081) [ND(0.0000000064)]	NA	ND(0.0000000050)
1,2,3,7,8,9-HxCDD		ND(0.0000000089) [ND(0.0000000070)]	NA	ND(0.0000000050)
HxCDDs (total)		ND(0.000000020) [ND(0.000000025)]	NA	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDD		ND(0.000000013) [ND(0.000000010)]	NA	ND(0.0000000050)
HpCDDs (total)		ND(0.000000023) [ND(0.000000027)]	NA	ND(0.0000000050)
OCDD		ND(0.000000032) [ND(0.000000035)]	NA	0.000000013 J
Total TEQs (WHO TEFs)		0.000000013 [0.000000012]	NA	0.0000000063
Inorganics-Unfiltered				
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Cyanide		NA	NA	NA
Lead		NA	NA	NA
Mercury		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		6.40 B [4.80 B]	NA	ND(1.00)
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filtered				
Antimony		ND(0.0600) [ND(0.0600)]	NA	ND(0.0400)
Arsenic		ND(0.0100) [ND(0.0100)]	NA	ND(0.0100) J
Barium		0.0210 B [0.0200 B]	NA	ND(0.500) J
Beryllium		ND(0.00100) [ND(0.00100)]	NA	ND(0.0100) J
Cadmium		ND(0.00500) [ND(0.00500)]	NA	ND(0.00500) J
Chromium		ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Cobalt		ND(0.0500) [ND(0.0500)]	NA	ND(0.0100) J
Copper		ND(0.0250) [ND(0.0250)]	NA	ND(0.200) J
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Lead		ND(0.00500) [ND(0.00500)]	NA	ND(0.0100) J
Mercury		ND(0.000200) [ND(0.000200)]	NA	ND(0.000285)
Nickel		ND(0.0400) [ND(0.0400)]	NA	ND(0.0500) J
Selenium		ND(0.00500) [ND(0.00500)]	NA	ND(0.0200) J
Silver		ND(0.00500) [ND(0.00500)]	NA	ND(0.0100)
Thallium		ND(0.0100) [ND(0.0100)]	NA	0.00752 J
Tin		ND(0.0300) [ND(0.0300)]	NA	ND(0.100)
Vanadium		ND(0.0500) [ND(0.0500)]	NA	ND(0.0500) J
Zinc		ND(0.0200) J [ND(0.0200) J]	NA	0.00409 B

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-1R / SGS / 04/19/07	OPCA-MW-2 / SGS / 06/15/99	OPCA-MW-2 / SGS / 05/02/01
Volatile Organics				
Acetone		ND(0.0050) J	ND(0.10) [ND(0.10)]	ND(0.010)
Benzene		ND(0.0010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon Disulfide		ND(0.0010)	ND(0.010) [ND(0.010)]	ND(0.0050)
Chlorobenzene		ND(0.0010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform		ND(0.0010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloromethane		ND(0.0010)	ND(0.010) [ND(0.010)]	ND(0.0050)
Dibromomethane		ND(0.0010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene		0.012	ND(0.0050) [ND(0.0050)]	ND(0.0020)
Toluene		ND(0.0010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene		ND(0.0010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride		ND(0.0010) J	ND(0.010) [ND(0.010)]	ND(0.0020)
Total VOCs		0.012	ND(0.20) [ND(0.20)]	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
Aroclor-1248		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
Aroclor-1254		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
Aroclor-1260		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
Total PCBs		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
PCBs-Filtered				
Aroclor-1221		ND(0.00011)	NA	ND(0.000065)
Aroclor-1248		ND(0.00011)	NA	ND(0.000065)
Aroclor-1254		ND(0.00011)	NA	ND(0.000065)
Aroclor-1260		ND(0.00011)	NA	ND(0.000065)
Total PCBs		ND(0.00011)	NA	ND(0.000065)
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2,4-Dimethylphenol		ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
3,3'-Dichlorobenzidine		ND(0.020)	ND(0.050) [ND(0.050)]	ND(0.020)
Acenaphthene		ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.0060)
Dibenzofuran		ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene		ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Phenol		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		0.0000000045 J	ND(0.00000000080) [ND(0.00000000060)]	ND(0.0000000013)
TCDFs (total)		0.0000000067 J	ND(0.00000000080) [ND(0.00000000060)]	ND(0.0000000013)
1,2,3,7,8-PeCDF		ND(0.0000000051)	ND(0.0000000038) [ND(0.0000000021)]	ND(0.0000000020)
2,3,4,7,8-PeCDF		ND(0.0000000051)	ND(0.0000000040) [ND(0.0000000023)]	ND(0.0000000020)
PeCDFs (total)		ND(0.0000000051)	ND(0.0000000040) [ND(0.0000000023)]	ND(0.0000000020)
1,2,3,4,7,8-HxCDF		ND(0.0000000051)	ND(0.000000011) [ND(0.0000000051)]	ND(0.0000000022)
1,2,3,6,7,8-HxCDF		ND(0.0000000051)	ND(0.000000011) [ND(0.0000000052)]	ND(0.0000000010)
1,2,3,7,8,9-HxCDF		ND(0.0000000051)	ND(0.000000017) [ND(0.0000000049)]	ND(0.0000000014)
2,3,4,6,7,8-HxCDF		ND(0.0000000051)	ND(0.000000011) [ND(0.0000000054)]	ND(0.0000000012)
HxCDFs (total)		ND(0.0000000051)	ND(0.000000017) [ND(0.0000000054)]	ND(0.0000000022)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000051)	ND(0.000000048) [ND(0.000000011)]	ND(0.0000000018)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000051)	ND(0.000000031) [ND(0.000000013)]	ND(0.0000000022)
HpCDFs (total)		ND(0.0000000051)	ND(0.000000048) [0.000000013 J]	ND(0.0000000020)
OCDF		0.000000012 J	ND(0.000000022) [ND(0.000000010)]	ND(0.0000000043)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Sample ID: / Laboratory: / Parameter / Date Collected:	OPCA-MW-1R SGS 04/19/07	OPCA-MW-2 SGS 06/15/99	OPCA-MW-2 SGS 05/02/01
Dioxins			
2,3,7,8-TCDD	ND(0.0000000018)	ND(0.0000000015) [ND(0.0000000011)]	ND(0.0000000017)
TCDDs (total)	ND(0.0000000018)	ND(0.0000000015) [ND(0.0000000011)]	ND(0.0000000017)
1,2,3,7,8-PeCDD	ND(0.0000000051)	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000018)
PeCDDs (total)	ND(0.0000000051)	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000018)
1,2,3,4,7,8-HxCDD	ND(0.0000000051)	ND(0.000000014) [ND(0.0000000068)]	ND(0.0000000017)
1,2,3,6,7,8-HxCDD	ND(0.0000000051)	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)
1,2,3,7,8,9-HxCDD	ND(0.0000000051)	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000017)
HxCDDs (total)	ND(0.0000000051)	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000051)	ND(0.000000036) [ND(0.000000013)]	ND(0.0000000031)
HpCDDs (total)	ND(0.0000000051)	ND(0.000000036) [ND(0.000000013)]	ND(0.0000000031)
OCDD	0.000000029 J	ND(0.000000033) [ND(0.000000015)]	ND(0.000000012)
Total TEQs (WHO TEFs)	0.0000000072	0.000000015 [0.0000000074]	0.0000000029
Inorganics-Unfiltered			
Antimony	NA	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	NA	ND(0.00600) [ND(0.00600)]	ND(0.0100)
Barium	NA	0.0320 [0.0340]	0.0190 B
Beryllium	NA	ND(0.00600) [ND(0.00600)]	ND(0.00100)
Cadmium	NA	ND(0.00600) [ND(0.00600)]	ND(0.00500)
Chromium	NA	ND(0.0130) [ND(0.0130)]	ND(0.025) J
Cobalt	NA	ND(0.0600) [ND(0.0600)]	ND(0.0500)
Copper	NA	ND(0.0330) [ND(0.0330)]	ND(0.0250)
Cyanide	NA	ND(0.0200) [ND(0.0200)]	ND(0.0100)
Lead	NA	ND(0.130) J [ND(0.130) J]	ND(0.0050) J
Mercury	NA	ND(0.000500) [ND(0.000500)]	ND(0.000200)
Nickel	NA	ND(0.0600) [ND(0.0600)]	ND(0.0400)
Selenium	NA	ND(0.00600) J [ND(0.00600) J]	0.00890
Silver	NA	ND(0.0130) [ND(0.0130)]	ND(0.00500)
Sulfide	ND(1.00)	ND(5.00) [ND(5.00)]	ND(5.00)
Thallium	NA	ND(0.0130) [ND(0.0130)]	ND(0.010) J
Tin	NA	ND(0.300) [ND(0.300)]	ND(0.0300)
Vanadium	NA	ND(0.0600) [ND(0.0600)]	ND(0.0500)
Zinc	NA	ND(0.0260) [ND(0.0260)]	0.016 JB
Inorganics-Filtered			
Antimony	ND(0.0400)	NA	ND(0.0600)
Arsenic	ND(0.0100)	NA	ND(0.0100)
Barium	0.0646 B	NA	0.0180 B
Beryllium	0.00194 J	NA	ND(0.00100)
Cadmium	ND(0.0100) J	NA	ND(0.00500)
Chromium	ND(0.0100) J	NA	ND(0.025) J
Cobalt	ND(0.0100) J	NA	ND(0.0500)
Copper	ND(0.0100) J	NA	ND(0.0250)
Cyanide	NA	NA	NA
Cyanide-MADEP (PAC)	ND(0.00600)	NA	NA
Lead	ND(0.0100)	NA	ND(0.0050) J
Mercury	ND(0.000285)	NA	ND(0.000200)
Nickel	ND(0.0100) J	NA	ND(0.0400)
Selenium	ND(0.0200)	NA	ND(0.00500)
Silver	ND(0.0100)	NA	ND(0.00500)
Thallium	ND(0.0100)	NA	ND(0.010) J
Tin	ND(0.0100) J	NA	ND(0.0300)
Vanadium	0.00665 B	NA	ND(0.0500)
Zinc	0.0388	NA	0.020 JB

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Sample ID: / Laboratory: / Parameter / Date Collected:	OPCA-MW-2 SGS 04/18/06	OPCA-MW-2 NEA 11/09/06	OPCA-MW-2 SGS 11/09/06	OPCA-MW-2 SGS 04/19/07
Volatile Organics				
Acetone	ND(0.010)	NA	ND(0.0050) J	ND(0.0050) J
Benzene	ND(0.0050)	NA	ND(0.0010)	ND(0.0010)
Carbon Disulfide	ND(0.0050)	NA	ND(0.0010)	ND(0.0010)
Chlorobenzene	0.0028 J	NA	ND(0.0010)	ND(0.0010)
Chloroform	ND(0.0050)	NA	ND(0.0010)	ND(0.0010)
Chloromethane	ND(0.0050)	NA	0.00033 J	ND(0.0010)
Dibromomethane	ND(0.0050)	NA	ND(0.0010)	ND(0.0010)
Methylene Chloride	ND(0.0050)	NA	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	NA	ND(0.0010)	ND(0.0010)
Toluene	ND(0.0050)	NA	0.0010	ND(0.0010)
Trichloroethene	ND(0.0050)	NA	ND(0.0010)	ND(0.0010)
Vinyl Chloride	ND(0.0020)	NA	ND(0.0010)	ND(0.0010) J
Total VOCs	0.0028 J	NA	0.0013 J	ND(0.10)
PCBs-Unfiltered				
Aroclor-1221	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065) J	ND(0.000022)	ND(0.00011) J	ND(0.00011)
Aroclor-1248	ND(0.000065) J	ND(0.000022)	ND(0.00011) J	ND(0.00011)
Aroclor-1254	ND(0.000075) J	ND(0.000022)	ND(0.00011) J	ND(0.00011)
Aroclor-1260	ND(0.000065) J	ND(0.000022)	ND(0.00011) J	ND(0.00011)
Total PCBs	ND(0.000075) J	ND(0.000022)	ND(0.00011) J	ND(0.00011)
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.010)	NA	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	NA	ND(0.010) J	ND(0.010)
3,3'-Dichlorobenzidine	ND(0.020)	NA	ND(0.020) J	ND(0.020)
Acenaphthene	ND(0.010)	NA	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) J	NA	ND(0.010)	ND(0.010)
Dibenzofuran	ND(0.010)	NA	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	NA	ND(0.010) J	ND(0.010)
Phenol	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	ND(0.0000000071)	NA	ND(0.0000000010)	ND(0.0000000035) X
TCDFs (total)	ND(0.000000014)	NA	ND(0.0000000010)	ND(0.0000000016)
1,2,3,7,8-PeCDF	ND(0.0000000089)	NA	ND(0.0000000051)	ND(0.0000000055)
2,3,4,7,8-PeCDF	ND(0.0000000087)	NA	ND(0.0000000051)	ND(0.0000000055)
PeCDFs (total)	ND(0.0000000088)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDF	ND(0.000000011)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDF	ND(0.0000000099)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDF	ND(0.000000013)	NA	ND(0.0000000051)	ND(0.0000000055)
2,3,4,6,7,8-HxCDF	ND(0.000000011)	NA	ND(0.0000000051)	ND(0.0000000055)
HxCDFs (total)	ND(0.000000011)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000066)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000085)	NA	ND(0.0000000051)	ND(0.0000000055)
HpCDFs (total)	ND(0.000000023)	NA	ND(0.0000000051)	ND(0.0000000055)
OCDF	ND(0.000000035)	NA	ND(0.000000010)	ND(0.000000011)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-2 SGS 04/18/06	OPCA-MW-2 NEA 11/09/06	OPCA-MW-2 SGS 11/09/06	OPCA-MW-2 SGS 04/19/07
Dioxins					
2,3,7,8-TCDD		ND(0.0000000051)	NA	ND(0.0000000016)	ND(0.0000000021)
TCDDs (total)		ND(0.000000016)	NA	ND(0.0000000016)	ND(0.0000000021)
1,2,3,7,8-PeCDD		ND(0.0000000072)	NA	ND(0.0000000051)	ND(0.0000000055)
PeCDDs (total)		ND(0.000000016)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,7,8-HxCDD		ND(0.0000000077)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,6,7,8-HxCDD		ND(0.0000000071)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,7,8,9-HxCDD		ND(0.0000000078)	NA	ND(0.0000000051)	ND(0.0000000055)
HxCDDs (total)		ND(0.000000023)	NA	ND(0.0000000051)	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDD		ND(0.000000020)	NA	ND(0.0000000051)	ND(0.0000000055)
HpCDDs (total)		ND(0.000000043)	NA	ND(0.0000000051)	ND(0.0000000055)
OCDD		ND(0.000000046)	NA	0.000000015 J	ND(0.000000011)
Total TEQs (WHO TEFs)		0.000000012	NA	0.0000000066	0.0000000074
Inorganics-Unfiltered					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		4.80 B	NA	ND(1.00)	ND(1.00)
Thallium		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA
Inorganics-Filtered					
Antimony		ND(0.0600)	NA	ND(0.0400)	ND(0.0400)
Arsenic		ND(0.0100)	NA	ND(0.0100) J	ND(0.0100)
Barium		0.0180 B	NA	ND(0.500) J	ND(0.0100)
Beryllium		ND(0.00100)	NA	ND(0.0100) J	0.00386 J
Cadmium		ND(0.00500)	NA	ND(0.00500)	ND(0.0100) J
Chromium		ND(0.0100)	NA	ND(0.0100)	ND(0.0100) J
Cobalt		ND(0.0500)	NA	ND(0.0100) J	ND(0.0100) J
Copper		ND(0.0250)	NA	ND(0.200)	ND(0.0100) J
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		ND(0.0100)	NA	ND(0.0100)	ND(0.00600)
Lead		ND(0.00500)	NA	ND(0.0100) J	ND(0.0100)
Mercury		ND(0.000200)	NA	ND(0.000285)	ND(0.000285)
Nickel		ND(0.0400)	NA	ND(0.0500) J	ND(0.0100) J
Selenium		ND(0.00500)	NA	ND(0.0200) J	0.0111 B
Silver		ND(0.00500)	NA	ND(0.0100)	ND(0.0100)
Thallium		ND(0.0100)	NA	ND(0.0100) J	ND(0.0100)
Tin		ND(0.0300)	NA	ND(0.100)	ND(0.0100) J
Vanadium		ND(0.0500)	NA	ND(0.0500) J	ND(0.0500)
Zinc		ND(0.0200) J	NA	0.00485 B	0.00586 B

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Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-3 SGS 06/16/99	OPCA-MW-3 SGS 05/02/01	OPCA-MW-3 SGS 04/18/06	OPCA-MW-3 NEA 11/10/06
Volatile Organics					
Acetone		ND(0.10)	ND(0.010)	ND(0.010)	NA
Benzene		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Carbon Disulfide		ND(0.010)	ND(0.0050)	ND(0.0050)	NA
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chloromethane		ND(0.010)	ND(0.0050)	ND(0.0050)	NA
Dibromomethane		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Tetrachloroethene		ND(0.0050)	ND(0.0020)	ND(0.0020)	NA
Toluene		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.0020)	NA
Total VOCs		ND(0.20)	ND(0.20)	ND(0.20)	NA
PCBs-Unfiltered					
Aroclor-1221		ND(0.000051)	ND(0.000065)	NA	NA
Aroclor-1248		ND(0.000051)	ND(0.000065)	NA	NA
Aroclor-1254		0.000040 J	ND(0.000065)	NA	NA
Aroclor-1260		ND(0.000051)	ND(0.000065)	NA	NA
Total PCBs		0.000040 J	ND(0.000065)	NA	NA
PCBs-Filtered					
Aroclor-1221		NA	ND(0.000065)	ND(0.000065)	ND(0.000022)
Aroclor-1248		NA	ND(0.000065)	ND(0.000065)	ND(0.000022)
Aroclor-1254		NA	ND(0.000065)	0.00018	ND(0.000022)
Aroclor-1260		NA	ND(0.000065)	ND(0.000065)	ND(0.000022)
Total PCBs		NA	ND(0.000065)	0.00018	ND(0.000022)
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.011)	ND(0.010)	ND(0.010)	NA
2,4-Dimethylphenol		ND(0.011)	ND(0.010)	ND(0.010)	NA
3,3'-Dichlorobenzidine		ND(0.054)	ND(0.020)	ND(0.020)	NA
Acenaphthene		ND(0.011)	ND(0.010)	ND(0.010)	NA
bis(2-Ethylhexyl)phthalate		ND(0.011)	ND(0.0060)	ND(0.0060) J	NA
Dibenzofuran		ND(0.011)	ND(0.010)	ND(0.010)	NA
Naphthalene		ND(0.011)	ND(0.010)	ND(0.010)	NA
Phenol		ND(0.011)	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		ND(0.0000000035)	ND(0.0000000011)	ND(0.0000000060)	NA
TCDFs (total)		ND(0.0000000035)	ND(0.0000000011)	ND(0.000000010)	NA
1,2,3,7,8-PeCDF		ND(0.0000000041)	ND(0.0000000016)	ND(0.0000000090)	NA
2,3,4,7,8-PeCDF		ND(0.0000000039)	ND(0.0000000016)	ND(0.0000000088)	NA
PeCDFs (total)		ND(0.0000000041)	ND(0.0000000016)	ND(0.0000000089)	NA
1,2,3,4,7,8-HxCDF		ND(0.0000000013)	ND(0.0000000010)	ND(0.000000013)	NA
1,2,3,6,7,8-HxCDF		ND(0.0000000013)	ND(0.0000000010)	ND(0.000000012)	NA
1,2,3,7,8,9-HxCDF		ND(0.0000000018)	ND(0.0000000013)	ND(0.000000016)	NA
2,3,4,6,7,8-HxCDF		ND(0.0000000013)	ND(0.0000000011)	ND(0.000000013)	NA
HxCDFs (total)		ND(0.0000000018)	ND(0.0000000011)	ND(0.000000013)	NA
1,2,3,4,6,7,8-HpCDF		ND(0.0000000080)	ND(0.0000000014)	ND(0.0000000073)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000000099)	ND(0.0000000017)	ND(0.0000000095)	NA
HpCDFs (total)		ND(0.0000000099)	ND(0.0000000015)	ND(0.000000015)	NA
OCDF		ND(0.0000000041)	ND(0.0000000031)	ND(0.000000018)	NA

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

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Dioxins					
2,3,7,8-TCDD		ND(0.0000000020)	ND(0.0000000016)	ND(0.0000000062)	NA
TCDDs (total)		ND(0.0000000020)	ND(0.0000000016)	ND(0.000000013)	NA
1,2,3,7,8-PeCDD		ND(0.0000000089)	ND(0.0000000018)	ND(0.0000000055)	NA
PeCDDs (total)		ND(0.0000000089)	ND(0.0000000018)	ND(0.000000014)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000000058)	ND(0.0000000016)	ND(0.0000000082)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000000072)	ND(0.0000000017)	ND(0.0000000076)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000000064)	ND(0.0000000016)	ND(0.0000000083)	NA
HxCDDs (total)		ND(0.0000000072)	ND(0.0000000016)	ND(0.000000022)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.0000000077)	ND(0.0000000025)	ND(0.000000016)	NA
HpCDDs (total)		ND(0.0000000077)	ND(0.0000000025)	ND(0.000000024)	NA
OCDD		ND(0.0000000048)	ND(0.000000010)	ND(0.000000025)	NA
Total TEQs (WHO TEFs)		0.0000000081	0.0000000027	0.000000013	NA
Inorganics-Unfiltered					
Antimony		ND(0.0600)	ND(0.0600)	NA	NA
Arsenic		ND(0.00600)	0.00420 B	NA	NA
Barium		0.00950	0.0760 B	NA	NA
Beryllium		ND(0.00600)	ND(0.00100)	NA	NA
Cadmium		ND(0.00600) J	ND(0.00500)	NA	NA
Chromium		ND(0.0130)	ND(0.025) J	NA	NA
Cobalt		ND(0.0600)	ND(0.0500)	NA	NA
Copper		ND(0.0330)	0.00610 B	NA	NA
Cyanide		ND(0.0200)	ND(0.0100)	NA	NA
Lead		ND(0.130) J	ND(0.0050) J	NA	NA
Mercury		ND(0.000500)	ND(0.000200)	NA	NA
Nickel		ND(0.0600)	ND(0.0400)	NA	NA
Selenium		ND(0.00600)	0.00540	NA	NA
Silver		ND(0.0130)	ND(0.00500)	NA	NA
Sulfide		ND(5.00)	ND(5.00)	ND(5.00)	NA
Thallium		ND(0.0130)	ND(0.010) J	NA	NA
Tin		ND(0.300) j	ND(0.0300)	NA	NA
Vanadium		ND(0.0600)	ND(0.0500)	NA	NA
Zinc		0.0880	0.035 J	NA	NA
Inorganics-Filtered					
Antimony		NA	ND(0.0600)	ND(0.0600)	NA
Arsenic		NA	ND(0.0100)	ND(0.0100)	NA
Barium		NA	0.0700 B	0.0380 B	NA
Beryllium		NA	ND(0.00100)	ND(0.00100)	NA
Cadmium		NA	ND(0.00500)	ND(0.00500)	NA
Chromium		NA	ND(0.025) J	ND(0.0100)	NA
Cobalt		NA	ND(0.0500)	0.00440 B	NA
Copper		NA	0.00660 B	0.00140 B	NA
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	ND(0.0100)	NA
Lead		NA	ND(0.0050) J	ND(0.00500)	NA
Mercury		NA	ND(0.000200)	ND(0.000200)	NA
Nickel		NA	ND(0.0400)	0.00200 B	NA
Selenium		NA	ND(0.00500)	ND(0.00500)	NA
Silver		NA	ND(0.00500)	ND(0.00500)	NA
Thallium		NA	ND(0.010) J	ND(0.0100)	NA
Tin		NA	ND(0.0300)	ND(0.0300)	NA
Vanadium		NA	ND(0.0500)	ND(0.0500)	NA
Zinc		NA	0.017 J	ND(0.0200) J	NA

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Volatile Organics					
Acetone		ND(0.0050) J	ND(0.0050) J	ND(0.10)	ND(0.010)
Benzene		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0050)
Chlorobenzene		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0050)
Dibromomethane		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0020)
Toluene		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.0020)
Total VOCs		ND(0.10)	ND(0.10)	ND(0.20)	ND(0.20)
PCBs-Unfiltered					
Aroclor-1221		NA	NA	ND(0.000050)	ND(0.000065)
Aroclor-1248		NA	NA	ND(0.000050)	ND(0.000065)
Aroclor-1254		NA	NA	0.00089	0.000093
Aroclor-1260		NA	NA	ND(0.000050)	ND(0.000065)
Total PCBs		NA	NA	0.00089	0.000093
PCBs-Filtered					
Aroclor-1221		ND(0.00011) J	ND(0.00011)	NA	ND(0.000065)
Aroclor-1248		ND(0.00011) J	ND(0.00011)	NA	ND(0.000065)
Aroclor-1254		ND(0.00011) J	ND(0.00011)	NA	0.00015
Aroclor-1260		ND(0.00011) J	ND(0.00011)	NA	ND(0.000065)
Total PCBs		ND(0.00011) J	ND(0.00011)	NA	0.00015
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine		R	ND(0.020)	ND(0.052)	ND(0.020)
Acenaphthene		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0060)
Dibenzofuran		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene		ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010)
Phenol		ND(0.010) J	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		ND(0.0000000011)	0.0000000037 J	ND(0.00000000070)	ND(0.0000000012)
TCDFs (total)		ND(0.0000000011)	0.0000000037 J	ND(0.00000000070)	0.000000016
1,2,3,7,8-PeCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000043)	ND(0.0000000083)
2,3,4,7,8-PeCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000040)	ND(0.0000000011)
PeCDFs (total)		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000043)	ND(0.000000063)
1,2,3,4,7,8-HxCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000090)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000092)	ND(0.0000000045)
1,2,3,7,8,9-HxCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000087)	ND(0.0000000056)
2,3,4,6,7,8-HxCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000095)	ND(0.0000000032)
HxCDFs (total)		ND(0.0000000055)	ND(0.0000000055)	ND(0.0000000095)	ND(0.000000019)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000020)	ND(0.0000000046)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000020)	ND(0.0000000037)
HpCDFs (total)		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000020)	ND(0.0000000084)
OCDF		ND(0.000000011)	ND(0.000000011)	ND(0.000000020)	ND(0.0000000090)

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General Electric Company - Pittsfield, Massachusetts
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Dioxins					
2,3,7,8-TCDD		ND(0.0000000011)	ND(0.0000000021)	ND(0.0000000013)	ND(0.0000000047)
TCDDs (total)		ND(0.0000000015)	ND(0.0000000021)	ND(0.0000000013)	ND(0.0000000047)
1,2,3,7,8-PeCDD		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000018)	ND(0.0000000065)
PeCDDs (total)		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000018)	ND(0.0000000065)
1,2,3,4,7,8-HxCDD		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000013)	ND(0.0000000043)
1,2,3,6,7,8-HxCDD		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000016)	ND(0.0000000016)
1,2,3,7,8,9-HxCDD		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000014)	ND(0.0000000052)
HxCDDs (total)		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000016)	ND(0.0000000094)
1,2,3,4,6,7,8-HpCDD		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000027)	ND(0.0000000064)
HpCDDs (total)		ND(0.0000000055)	ND(0.0000000055)	ND(0.000000027)	ND(0.0000000064)
OCDD		ND(0.000000011)	ND(0.000000011)	ND(0.000000030)	ND(0.000000029)
Total TEQs (WHO TEFs)		0.0000000069	0.0000000076	0.000000015	0.000000010
Inorganics-Unfiltered					
Antimony		NA	NA	ND(0.0600)	ND(0.0600)
Arsenic		NA	NA	ND(0.00600)	ND(0.0100)
Barium		NA	NA	0.0370	0.0270 B
Beryllium		NA	NA	ND(0.00600)	ND(0.00100)
Cadmium		NA	NA	ND(0.00600)	ND(0.00500)
Chromium		NA	NA	ND(0.0130)	ND(0.0100) J
Cobalt		NA	NA	ND(0.0600)	ND(0.0500)
Copper		NA	NA	ND(0.0330)	ND(0.0250)
Cyanide		NA	NA	ND(0.0200)	ND(0.0100)
Lead		NA	NA	ND(0.130) J	ND(0.00500) J
Mercury		NA	NA	ND(0.000500)	ND(0.000200)
Nickel		NA	NA	ND(0.0600)	ND(0.0400)
Selenium		NA	NA	ND(0.00600) J	ND(0.00500)
Silver		NA	NA	ND(0.0130)	ND(0.00500)
Sulfide		ND(1.00)	ND(1.00)	ND(5.00)	ND(5.00)
Thallium		NA	NA	ND(0.0130)	ND(0.0100) J
Tin		NA	NA	ND(0.300)	ND(0.0300)
Vanadium		NA	NA	ND(0.0600)	ND(0.0500)
Zinc		NA	NA	ND(0.0260)	0.0130 J
Inorganics-Filtered					
Antimony		ND(0.0400)	ND(0.0400)	NA	0.00800 B
Arsenic		ND(0.0100) J	ND(0.0100)	NA	ND(0.0100)
Barium		ND(0.500) J	0.0566 B	NA	0.0260 B
Beryllium		0.00135 J	0.00713 J	NA	ND(0.00100)
Cadmium		ND(0.00500) J	ND(0.0100) J	NA	ND(0.00500)
Chromium		ND(0.0100)	ND(0.0100)	NA	ND(0.0100) J
Cobalt		ND(0.0100) J	ND(0.0100) J	NA	ND(0.0500)
Copper		ND(0.200) J	ND(0.0100) J	NA	ND(0.0250)
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		ND(0.0100)	ND(0.00600)	NA	NA
Lead		ND(0.0100) J	ND(0.0100)	NA	ND(0.00500) J
Mercury		ND(0.000285)	0.000197 B	NA	ND(0.000200)
Nickel		ND(0.0500) J	0.00664 J	NA	ND(0.0400)
Selenium		ND(0.0200) J	ND(0.0200)	NA	0.00650
Silver		ND(0.0100)	ND(0.0100)	NA	ND(0.00500)
Thallium		0.0110 J	ND(0.0100) J	NA	ND(0.0100) J
Tin		ND(0.100)	ND(0.0100) J	NA	ND(0.0300)
Vanadium		ND(0.0500) J	ND(0.0500)	NA	ND(0.0500)
Zinc		0.00565 B	0.0119 B	NA	0.0150 J

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OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Laboratory: / Date Collected:	OPCA-MW-4 SGS 04/18/06	OPCA-MW-4 NEA 11/09/06	OPCA-MW-4 SGS 11/09/06	OPCA-MW-4 SGS 04/18/07
Volatile Organics				
Acetone	ND(0.010)	NA	ND(0.0050) J [ND(0.0050) J]	ND(0.0050)
Benzene	ND(0.0050)	NA	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Carbon Disulfide	ND(0.0050)	NA	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chlorobenzene	ND(0.0050)	NA	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chloroform	ND(0.0050)	NA	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Chloromethane	ND(0.0050)	NA	0.00068 J [0.00039 J]	ND(0.0010)
Dibromomethane	ND(0.0050)	NA	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Methylene Chloride	ND(0.0050)	NA	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	ND(0.0020)	NA	ND(0.0010) [ND(0.0010)]	ND(0.0010)
Toluene	ND(0.0050)	NA	ND(0.0010) [0.00073 J]	ND(0.0010)
Trichloroethene	0.0016 J	NA	0.0020 [0.0020]	0.0010
Vinyl Chloride	ND(0.0020)	NA	0.00055 J [0.00057 J]	ND(0.0010)
Total VOCs	0.0016 J	NA	0.0032 J [0.0037 J]	0.0010
PCBs-Unfiltered				
Aroclor-1221	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000022)	ND(0.00011) J [ND(0.00011) J]	ND(0.00011)
Aroclor-1248	ND(0.000065)	ND(0.000022)	ND(0.00011) J [ND(0.00011) J]	ND(0.00011)
Aroclor-1254	0.00031	0.00023	ND(0.00011) J [ND(0.00011) J]	ND(0.00011)
Aroclor-1260	ND(0.000065)	ND(0.000022)	ND(0.00011) J [ND(0.00011) J]	0.000043 J
Total PCBs	0.00031	0.00023	ND(0.00011) J [ND(0.00011) J]	0.000043 J
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.010)	NA	ND(0.010) [ND(0.010)]	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	NA	ND(0.010) J [ND(0.010) J]	ND(0.010)
3,3'-Dichlorobenzidine	ND(0.020)	NA	ND(0.020) J [R]	ND(0.020)
Acenaphthene	ND(0.010)	NA	ND(0.010) [ND(0.010)]	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) J	NA	ND(0.010) [ND(0.010)]	ND(0.010)
Dibenzofuran	ND(0.010)	NA	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene	ND(0.010)	NA	ND(0.010) J [ND(0.010) J]	ND(0.010)
Phenol	ND(0.010)	NA	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	ND(0.0000000053)	NA	ND(0.0000000010) [ND(0.0000000010)]	ND(0.0000000016)
TCDFs (total)	ND(0.000000014)	NA	0.0000000052 J [0.0000000029 J]	ND(0.0000000016)
1,2,3,7,8-PeCDF	ND(0.0000000072)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
2,3,4,7,8-PeCDF	ND(0.0000000070)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
PeCDFs (total)	0.000000033 J	NA	0.000000019 J [0.000000013 J]	ND(0.0000000055) Q
1,2,3,4,7,8-HxCDF	ND(0.0000000095)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,6,7,8-HxCDF	ND(0.0000000084)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,7,8,9-HxCDF	ND(0.000000011)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
2,3,4,6,7,8-HxCDF	ND(0.0000000095)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
HxCDFs (total)	ND(0.0000000096)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDF	ND(0.000000014)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,4,7,8,9-HpCDF	ND(0.000000018)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
HpCDFs (total)	ND(0.000000012)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
OCDF	ND(0.000000020)	NA	ND(0.000000010) [ND(0.000000010)]	ND(0.000000011)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-4 SGS 04/18/06	OPCA-MW-4 NEA 11/09/06	OPCA-MW-4 SGS 11/09/06	OPCA-MW-4 SGS 04/18/07
Dioxins					
2,3,7,8-TCDD		ND(0.0000000047)	NA	ND(0.0000000010) [ND(0.0000000014)]	ND(0.0000000018)
TCDDs (total)		ND(0.000000014)	NA	ND(0.0000000010) [ND(0.0000000014)]	ND(0.0000000018)
1,2,3,7,8-PeCDD		ND(0.000000010)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
PeCDDs (total)		ND(0.000000010)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,4,7,8-HxCDD		ND(0.0000000079)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,6,7,8-HxCDD		ND(0.0000000073)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,7,8,9-HxCDD		ND(0.0000000080)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
HxCDDs (total)		ND(0.000000021)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
1,2,3,4,6,7,8-HpCDD		ND(0.000000012)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
HpCDDs (total)		ND(0.000000022)	NA	ND(0.0000000050) [ND(0.0000000052)]	ND(0.0000000055)
OCDD		ND(0.000000031)	NA	ND(0.000000010) [ND(0.000000010)]	0.000000015 J
Total TEQs (WHO TEFs)		0.000000013	NA	0.0000000063 [0.0000000066]	0.0000000073
Inorganics-Unfiltered					
Antimony		NA	NA	NA	NA
Arsenic		NA	NA	NA	NA
Barium		NA	NA	NA	NA
Beryllium		NA	NA	NA	NA
Cadmium		NA	NA	NA	NA
Chromium		NA	NA	NA	NA
Cobalt		NA	NA	NA	NA
Copper		NA	NA	NA	NA
Cyanide		NA	NA	NA	NA
Lead		NA	NA	NA	NA
Mercury		NA	NA	NA	NA
Nickel		NA	NA	NA	NA
Selenium		NA	NA	NA	NA
Silver		NA	NA	NA	NA
Sulfide		4.00 B	NA	ND(1.00) [ND(1.00)]	ND(1.00)
Thallium		NA	NA	NA	NA
Tin		NA	NA	NA	NA
Vanadium		NA	NA	NA	NA
Zinc		NA	NA	NA	NA
Inorganics-Filtered					
Antimony		ND(0.0600)	NA	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Arsenic		ND(0.0100)	NA	ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J
Barium		0.0290 B	NA	ND(0.500) J [ND(0.500) J]	0.00875 B
Beryllium		ND(0.00100)	NA	0.000590 J [0.00249 J]	ND(0.0100)
Cadmium		ND(0.00500)	NA	ND(0.00500) J [ND(0.00500)]	ND(0.0100)
Chromium		ND(0.0100)	NA	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Cobalt		ND(0.0500)	NA	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)
Copper		ND(0.0250)	NA	ND(0.200) J [ND(0.200)]	ND(0.0100) J
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		ND(0.0100)	NA	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Lead		ND(0.00500)	NA	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)
Mercury		ND(0.000200)	NA	ND(0.000285) [ND(0.000285)]	ND(0.000285)
Nickel		ND(0.0400)	NA	ND(0.0500) J [ND(0.0500) J]	0.00585 B
Selenium		ND(0.00500)	NA	ND(0.0200) J [ND(0.0200) J]	ND(0.0200)
Silver		ND(0.00500)	NA	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Thallium		ND(0.0100)	NA	0.00666 J [ND(0.0100) J]	ND(0.0100)
Tin		ND(0.0300)	NA	ND(0.100) [ND(0.100)]	0.0332 J
Vanadium		ND(0.0500)	NA	ND(0.0500) J [ND(0.0500) J]	ND(0.0500)
Zinc		0.0260 J	NA	0.00883 B [0.00999 B]	0.0290

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OPCA Monitoring Program

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-5 / SGS / 06/15/99	OPCA-MW-5R / SGS / 06/28/01	OPCA-MW-5R / SGS / 04/18/06
Volatile Organics				
Acetone		ND(0.10)	ND(0.010) J	ND(0.010)
Benzene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.010)	ND(0.0050)	ND(0.0050)
Chlorobenzene		ND(0.0050)	ND(0.0050)	0.0021 J
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.010)	ND(0.0050)	ND(0.0050)
Dibromomethane		ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0050)	ND(0.0020)	ND(0.0020)
Toluene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.010)	ND(0.0020)	0.0071
Total VOCs		ND(0.20)	ND(0.20)	0.0092 J
PCBs-Unfiltered				
Aroclor-1221		ND(0.000051)	ND(0.000065)	NA
Aroclor-1248		ND(0.000051)	ND(0.000065)	NA
Aroclor-1254		ND(0.000051)	ND(0.000065)	NA
Aroclor-1260		ND(0.000051)	ND(0.000065)	NA
Total PCBs		ND(0.000051)	ND(0.000065)	NA
PCBs-Filtered				
Aroclor-1221		NA	ND(0.000065)	ND(0.000065)
Aroclor-1248		NA	ND(0.000065)	ND(0.000065)
Aroclor-1254		NA	ND(0.000065)	0.00026
Aroclor-1260		NA	ND(0.000065)	ND(0.000065)
Total PCBs		NA	ND(0.000065)	0.00026
Semivolatile Organics				
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	R
3,3'-Dichlorobenzidine		ND(0.051)	ND(0.020) J	ND(0.020)
Acenaphthene		ND(0.010)	0.011	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.0060) J	ND(0.0060) J
Dibenzofuran		ND(0.010)	0.0038 J	ND(0.010)
Naphthalene		ND(0.010)	0.062	ND(0.010)
Phenol		ND(0.010)	ND(0.010)	R
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		ND(0.00000000080)	ND(0.0000000000015)	ND(0.0000000041)
TCDFs (total)		ND(0.00000000080)	ND(0.0000000000015)	ND(0.000000012)
1,2,3,7,8-PeCDF		ND(0.0000000028)	ND(0.00000000000080)	ND(0.0000000059)
2,3,4,7,8-PeCDF		ND(0.0000000027)	ND(0.00000000000080)	ND(0.0000000057)
PeCDFs (total)		ND(0.0000000028)	ND(0.00000000000080)	ND(0.0000000058)
1,2,3,4,7,8-HxCDF		ND(0.0000000050)	ND(0.0000000000020)	ND(0.000000010)
1,2,3,6,7,8-HxCDF		ND(0.0000000051)	ND(0.0000000000019)	ND(0.0000000092)
1,2,3,7,8,9-HxCDF		ND(0.0000000049)	ND(0.0000000000024)	ND(0.000000012)
2,3,4,6,7,8-HxCDF		ND(0.0000000053)	ND(0.0000000000022)	ND(0.000000010)
HxCDFs (total)		ND(0.0000000053)	ND(0.0000000000021)	ND(0.000000010)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000088)	ND(0.0000000000019)	ND(0.000000012)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000088)	ND(0.0000000000023)	ND(0.0000000066)
HpCDFs (total)		ND(0.0000000088)	ND(0.0000000000021)	ND(0.000000014)
OCDF		ND(0.0000000078)	ND(0.000000000010)	ND(0.000000017)

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Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-5 / SGS / 06/15/99	OPCA-MW-5R / SGS / 06/28/01	OPCA-MW-5R / SGS / 04/18/06
Dioxins				
2,3,7,8-TCDD		ND(0.0000000012)	ND(0.0000000000031)	ND(0.0000000049)
TCDDs (total)		ND(0.0000000012)	ND(0.0000000000031)	ND(0.000000013)
1,2,3,7,8-PeCDD		ND(0.000000014)	ND(0.0000000000015)	ND(0.0000000094)
PeCDDs (total)		ND(0.000000014)	ND(0.0000000000044)	ND(0.0000000094)
1,2,3,4,7,8-HxCDD		ND(0.0000000062)	ND(0.0000000000029)	ND(0.0000000063)
1,2,3,6,7,8-HxCDD		ND(0.0000000077)	ND(0.0000000000031)	ND(0.0000000058)
1,2,3,7,8,9-HxCDD		ND(0.0000000068)	ND(0.0000000000028)	ND(0.0000000063)
HxCDDs (total)		ND(0.0000000077)	ND(0.0000000000033)	ND(0.000000017)
1,2,3,4,6,7,8-HpCDD		ND(0.000000012)	ND(0.0000000000028)	ND(0.000000011)
HpCDDs (total)		ND(0.000000012)	ND(0.0000000000040)	ND(0.000000022)
OCDD		ND(0.000000012)	ND(0.000000000016) X	ND(0.000000029)
Total TEQs (WHO TEFs)		0.000000011	0.0000000000035	0.000000012
Inorganics-Unfiltered				
Antimony		ND(0.0600)	ND(0.0600)	NA
Arsenic		ND(0.00600)	0.00790 B	NA
Barium		0.0290	0.0590 B	NA
Beryllium		ND(0.00600)	ND(0.00100)	NA
Cadmium		ND(0.00600)	ND(0.00500)	NA
Chromium		ND(0.0130)	0.00430 B	NA
Cobalt		ND(0.0600)	0.00620 B	NA
Copper		ND(0.0330)	ND(0.0250)	NA
Cyanide		ND(0.0200)	ND(0.0100)	NA
Lead		ND(0.130) J	ND(0.00500)	NA
Mercury		ND(0.000500)	ND(0.000200)	NA
Nickel		ND(0.0600)	ND(0.0400)	NA
Selenium		ND(0.00600) J	ND(0.00500)	NA
Silver		ND(0.0130)	ND(0.00500)	NA
Sulfide		ND(5.00)	8.00	2.40 B
Thallium		ND(0.0130)	ND(0.0100)	NA
Tin		ND(0.300)	ND(0.0300)	NA
Vanadium		ND(0.0600)	ND(0.0500)	NA
Zinc		ND(0.0260)	0.0150 B	NA
Inorganics-Filtered				
Antimony		NA	ND(0.0600)	ND(0.0600)
Arsenic		NA	ND(0.0100)	ND(0.0100)
Barium		NA	0.0440 B	0.0990 B
Beryllium		NA	0.000860 B	ND(0.00100)
Cadmium		NA	0.00140 B	0.000870 B
Chromium		NA	ND(0.0100)	0.000690 B
Cobalt		NA	0.00660 B	0.00140 B
Copper		NA	ND(0.0250)	0.0190 B
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		NA	NA	ND(0.0100)
Lead		NA	ND(0.00500)	ND(0.00500)
Mercury		NA	ND(0.000200)	ND(0.000200)
Nickel		NA	ND(0.0400)	0.00270 B
Selenium		NA	ND(0.00500)	ND(0.00500)
Silver		NA	ND(0.00500)	ND(0.00500)
Thallium		NA	ND(0.0100)	ND(0.0100)
Tin		NA	ND(0.0300)	ND(0.0300)
Vanadium		NA	ND(0.0500)	ND(0.0500)
Zinc		NA	0.0110 B	0.00360 J

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-5R NEA 11/09/06	OPCA-MW-5R SGS 11/09/06	OPCA-MW-5R SGS 04/18/07	OPCA-MW-6 SGS 06/15/99
Volatile Organics					
Acetone		NA	ND(0.0050) J	ND(0.0050)	ND(0.10)
Benzene		NA	0.00024 J	ND(0.0010)	ND(0.0050)
Carbon Disulfide		NA	ND(0.0010)	ND(0.0010)	ND(0.010)
Chlorobenzene		NA	0.0018	ND(0.0010)	ND(0.0050)
Chloroform		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Chloromethane		NA	ND(0.0010)	ND(0.0010)	ND(0.010)
Dibromomethane		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Methylene Chloride		NA	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Toluene		NA	0.0011	ND(0.0010)	ND(0.0050)
Trichloroethene		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Vinyl Chloride		NA	ND(0.0010)	ND(0.0010)	ND(0.010)
Total VOCs		NA	0.0031 J	ND(0.10)	ND(0.20)
PCBs-Unfiltered					
Aroclor-1221		NA	NA	NA	ND(0.000050)
Aroclor-1248		NA	NA	NA	ND(0.000050)
Aroclor-1254		NA	NA	NA	0.00012
Aroclor-1260		NA	NA	NA	ND(0.000050)
Total PCBs		NA	NA	NA	0.00012
PCBs-Filtered					
Aroclor-1221		ND(0.000022) J	ND(0.00010) J	ND(0.00011)	NA
Aroclor-1248		ND(0.000022) J	ND(0.00010) J	ND(0.00011)	NA
Aroclor-1254		ND(0.000022) J	ND(0.00010) J	ND(0.00011)	NA
Aroclor-1260		ND(0.000022) J	ND(0.00010) J	0.00024	NA
Total PCBs		ND(0.000022) J	ND(0.00010) J	0.00024	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene		NA	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		NA	ND(0.010) J	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine		NA	ND(0.020) J	ND(0.020)	ND(0.052)
Acenaphthene		NA	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		NA	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran		NA	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene		NA	ND(0.010) J	ND(0.010)	ND(0.010)
Phenol		NA	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		NA	ND(0.0000000010)	0.0000000017 J	ND(0.00000000090)
TCDFs (total)		NA	0.0000000012 J	0.0000000017 J	ND(0.00000000090)
1,2,3,7,8-PeCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000033)
2,3,4,7,8-PeCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000031)
PeCDFs (total)		NA	ND(0.0000000051)	ND(0.0000000053) Q	ND(0.0000000033)
1,2,3,4,7,8-HxCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000089)
1,2,3,6,7,8-HxCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000092)
1,2,3,7,8,9-HxCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000087)
2,3,4,6,7,8-HxCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000096)
HxCDFs (total)		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000095)
1,2,3,4,6,7,8-HpCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000020)
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000020)
HpCDFs (total)		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000020)
OCDF		NA	ND(0.000000010)	ND(0.000000011)	ND(0.000000020)

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-5R NEA 11/09/06	OPCA-MW-5R SGS 11/09/06	OPCA-MW-5R SGS 04/18/07	OPCA-MW-6 SGS 06/15/99
Dioxins					
2,3,7,8-TCDD		NA	ND(0.0000000015)	ND(0.0000000016)	ND(0.0000000012)
TCDDs (total)		NA	ND(0.0000000015)	ND(0.0000000016)	ND(0.0000000012)
1,2,3,7,8-PeCDD		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000012)
PeCDDs (total)		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000012)
1,2,3,4,7,8-HxCDD		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000012)
1,2,3,6,7,8-HxCDD		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000015)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000013)
HxCDDs (total)		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000015)
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000026)
HpCDDs (total)		NA	ND(0.0000000051)	ND(0.0000000053)	ND(0.000000026)
OCDD		NA	0.000000012 J	0.000000019 J	ND(0.000000029)
Total TEQs (WHO TEFs)		NA	0.0000000067	0.0000000070	0.000000012
Inorganics-Unfiltered					
Antimony		NA	NA	NA	ND(0.0600)
Arsenic		NA	NA	NA	ND(0.00600)
Barium		NA	NA	NA	0.0300
Beryllium		NA	NA	NA	ND(0.00600)
Cadmium		NA	NA	NA	ND(0.00600)
Chromium		NA	NA	NA	ND(0.0130)
Cobalt		NA	NA	NA	ND(0.0600)
Copper		NA	NA	NA	ND(0.0330)
Cyanide		NA	NA	NA	ND(0.0200)
Lead		NA	NA	NA	ND(0.130) J
Mercury		NA	NA	NA	ND(0.000500)
Nickel		NA	NA	NA	ND(0.0600)
Selenium		NA	NA	NA	ND(0.00600) J
Silver		NA	NA	NA	ND(0.0130)
Sulfide		NA	ND(1.00)	ND(1.00)	ND(5.00)
Thallium		NA	NA	NA	ND(0.0130)
Tin		NA	NA	NA	ND(0.300)
Vanadium		NA	NA	NA	ND(0.0600)
Zinc		NA	NA	NA	ND(0.0260)
Inorganics-Filtered					
Antimony		NA	ND(0.0400)	ND(0.0400)	NA
Arsenic		NA	ND(0.0100) J	ND(0.0100) J	NA
Barium		NA	ND(0.500) J	0.0161 B	NA
Beryllium		NA	ND(0.0100) J	ND(0.0100)	NA
Cadmium		NA	ND(0.00500) J	ND(0.0100)	NA
Chromium		NA	ND(0.0100)	ND(0.0100)	NA
Cobalt		NA	ND(0.0100) J	ND(0.0100)	NA
Copper		NA	ND(0.200) J	ND(0.0100) J	NA
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)	ND(0.0100)	NA
Lead		NA	ND(0.0100) J	ND(0.0100)	NA
Mercury		NA	ND(0.000285)	ND(0.000285)	NA
Nickel		NA	0.00498 J	ND(0.0100)	NA
Selenium		NA	ND(0.0200) J	ND(0.0200)	NA
Silver		NA	ND(0.0100)	ND(0.0100)	NA
Thallium		NA	0.00828 J	ND(0.0100) J	NA
Tin		NA	ND(0.100)	0.00102 J	NA
Vanadium		NA	ND(0.0500) J	ND(0.0500)	NA
Zinc		NA	0.0140 B	0.0124 B	NA

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Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-6 SGS 05/02/01	OPCA-MW-6 SGS 04/17/06	OPCA-MW-6 NEA 11/09/06	OPCA-MW-6 SGS 11/09/06
Volatile Organics					
Acetone		ND(0.010)	ND(0.010) J	NA	ND(0.0050) J
Benzene		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Carbon Disulfide		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Chlorobenzene		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Chloroform		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Chloromethane		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Dibromomethane		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Methylene Chloride		ND(0.0050)	ND(0.0050)	NA	ND(0.0050)
Tetrachloroethene		ND(0.0020)	ND(0.0020)	NA	ND(0.0010)
Toluene		ND(0.0050)	ND(0.0050)	NA	0.00027 J
Trichloroethene		ND(0.0050)	ND(0.0050)	NA	ND(0.0010)
Vinyl Chloride		ND(0.0020)	ND(0.0020)	NA	ND(0.0010)
Total VOCs		ND(0.20)	ND(0.20)	NA	0.00027 J
PCBs-Unfiltered					
Aroclor-1221		ND(0.000065)	NA	NA	NA
Aroclor-1248		ND(0.000065)	NA	NA	NA
Aroclor-1254		ND(0.000065)	NA	NA	NA
Aroclor-1260		ND(0.000065)	NA	NA	NA
Total PCBs		ND(0.000065)	NA	NA	NA
PCBs-Filtered					
Aroclor-1221		ND(0.000065)	ND(0.000065)	ND(0.000022)	ND(0.00011) J
Aroclor-1248		ND(0.000065)	ND(0.000065)	ND(0.000022)	ND(0.00011) J
Aroclor-1254		ND(0.000065)	ND(0.00016)	ND(0.000022)	ND(0.00011) J
Aroclor-1260		ND(0.000065)	ND(0.000065)	ND(0.000022)	ND(0.00011) J
Total PCBs		ND(0.000065)	ND(0.00016)	ND(0.000022)	ND(0.00011) J
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.010)	NA	ND(0.010)
2,4-Dimethylphenol		ND(0.010)	ND(0.010)	NA	ND(0.010) J
3,3'-Dichlorobenzidine		ND(0.020)	ND(0.020)	NA	ND(0.020) J
Acenaphthene		ND(0.010)	ND(0.010)	NA	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.0060)	ND(0.0060) J	NA	ND(0.010)
Dibenzofuran		ND(0.010)	ND(0.010)	NA	ND(0.010)
Naphthalene		ND(0.010)	ND(0.010)	NA	ND(0.010) J
Phenol		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		ND(0.0000000012)	ND(0.0000000055)	NA	ND(0.0000000011)
TCDFs (total)		ND(0.0000000012)	ND(0.000000014)	NA	ND(0.0000000011)
1,2,3,7,8-PeCDF		ND(0.0000000016)	ND(0.0000000056)	NA	ND(0.0000000052)
2,3,4,7,8-PeCDF		ND(0.0000000016)	ND(0.0000000055)	NA	ND(0.0000000052)
PeCDFs (total)		ND(0.0000000016)	ND(0.0000000055)	NA	ND(0.0000000052)
1,2,3,4,7,8-HxCDF		ND(0.0000000015)	ND(0.000000010)	NA	ND(0.0000000052)
1,2,3,6,7,8-HxCDF		ND(0.0000000011)	ND(0.0000000088)	NA	ND(0.0000000052)
1,2,3,7,8,9-HxCDF		ND(0.0000000014)	ND(0.000000012)	NA	ND(0.0000000052)
2,3,4,6,7,8-HxCDF		ND(0.0000000012)	ND(0.000000010)	NA	ND(0.0000000052)
HxCDFs (total)		ND(0.0000000015)	ND(0.000000010)	NA	ND(0.0000000052)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000017)	ND(0.000000013)	NA	ND(0.0000000052)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000020)	ND(0.000000017)	NA	ND(0.0000000052)
HpCDFs (total)		ND(0.0000000018)	ND(0.000000015)	NA	ND(0.0000000052)
OCDF		ND(0.0000000039)	ND(0.000000029)	NA	ND(0.000000010)

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-6 SGS 05/02/01	OPCA-MW-6 SGS 04/17/06	OPCA-MW-6 NEA 11/09/06	OPCA-MW-6 SGS 11/09/06
Dioxins					
2,3,7,8-TCDD		ND(0.0000000017)	ND(0.0000000056)	NA	ND(0.0000000018)
TCDDs (total)		ND(0.0000000017)	ND(0.000000016)	NA	ND(0.0000000018)
1,2,3,7,8-PeCDD		ND(0.0000000019)	ND(0.0000000092)	NA	ND(0.0000000052)
PeCDDs (total)		ND(0.0000000019)	ND(0.0000000092)	NA	ND(0.0000000052)
1,2,3,4,7,8-HxCDD		ND(0.0000000016)	ND(0.000000013)	NA	ND(0.0000000052)
1,2,3,6,7,8-HxCDD		ND(0.0000000016)	ND(0.000000012)	NA	ND(0.0000000052)
1,2,3,7,8,9-HxCDD		ND(0.0000000016)	ND(0.000000013)	NA	ND(0.0000000052)
HxCDDs (total)		ND(0.0000000016)	ND(0.000000022)	NA	ND(0.0000000052)
1,2,3,4,6,7,8-HpCDD		ND(0.0000000026)	ND(0.000000012)	NA	ND(0.0000000052)
HpCDDs (total)		ND(0.0000000026)	ND(0.000000028)	NA	ND(0.0000000052)
OCDD		ND(0.0000000047)	ND(0.000000032)	NA	0.000000016 J
Total TEQs (WHO TEFs)		0.0000000028	0.000000013	NA	0.0000000069
Inorganics-Unfiltered					
Antimony		ND(0.0600)	NA	NA	NA
Arsenic		ND(0.0100)	NA	NA	NA
Barium		0.0170 B	NA	NA	NA
Beryllium		ND(0.00100)	NA	NA	NA
Cadmium		ND(0.00500)	NA	NA	NA
Chromium		ND(0.0100) J	NA	NA	NA
Cobalt		ND(0.0500)	NA	NA	NA
Copper		0.00400 B	NA	NA	NA
Cyanide		ND(0.0100)	NA	NA	NA
Lead		ND(0.00500) J	NA	NA	NA
Mercury		ND(0.000200)	NA	NA	NA
Nickel		ND(0.0400)	NA	NA	NA
Selenium		0.00570	NA	NA	NA
Silver		ND(0.00500)	NA	NA	NA
Sulfide		ND(5.00)	4.80 B	NA	ND(1.00)
Thallium		ND(0.0100) J	NA	NA	NA
Tin		ND(0.0300)	NA	NA	NA
Vanadium		ND(0.0500)	NA	NA	NA
Zinc		0.0210 J	NA	NA	NA
Inorganics-Filtered					
Antimony		ND(0.0600)	ND(0.0600)	NA	ND(0.0400)
Arsenic		ND(0.0100)	0.00450 B	NA	ND(0.0100) J
Barium		0.0160 B	0.0140 B	NA	ND(0.500) J
Beryllium		ND(0.00100)	ND(0.00100)	NA	0.000970 J
Cadmium		ND(0.00500)	ND(0.00500)	NA	ND(0.00500) J
Chromium		ND(0.0100) J	ND(0.0100)	NA	ND(0.0100)
Cobalt		ND(0.0500)	ND(0.0500)	NA	ND(0.0100) J
Copper		ND(0.0250)	ND(0.0250)	NA	ND(0.200) J
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)	NA	ND(0.0100)
Lead		ND(0.00500) J	ND(0.00500)	NA	ND(0.0100) J
Mercury		ND(0.000200)	ND(0.000200)	NA	ND(0.000285)
Nickel		ND(0.0400)	ND(0.0400)	NA	ND(0.0500) J
Selenium		0.00590	ND(0.00500)	NA	ND(0.0200) J
Silver		ND(0.00500)	ND(0.00500)	NA	ND(0.0100)
Thallium		ND(0.0100) J	ND(0.0100)	NA	ND(0.0100) J
Tin		ND(0.0300)	ND(0.0300)	NA	ND(0.100)
Vanadium		ND(0.0500)	ND(0.0500)	NA	ND(0.0500) J
Zinc		0.0150 J	ND(0.0200) J	NA	0.00328 B

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
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Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-6 SGS 04/18/07	OPCA-MW-7 SGS 06/15/99	OPCA-MW-7 SGS 05/01/01	OPCA-MW-7 SGS 04/18/06
Volatile Organics					
Acetone		ND(0.0050)	ND(0.10)	ND(0.010)	ND(0.010)
Benzene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Disulfide		ND(0.0010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Chlorobenzene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane		ND(0.0010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Dibromomethane		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		ND(0.0010)	ND(0.0050)	ND(0.0020)	ND(0.0020)
Toluene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.0010)	ND(0.010)	ND(0.0020)	ND(0.0020)
Total VOCs		ND(0.10)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered					
Aroclor-1221		NA	ND(0.000051)	ND(0.000065)	NA
Aroclor-1248		NA	ND(0.000051)	ND(0.000065)	NA
Aroclor-1254		NA	ND(0.000051)	ND(0.000065)	NA
Aroclor-1260		NA	ND(0.000051)	ND(0.000065)	NA
Total PCBs		NA	ND(0.000051)	ND(0.000065)	NA
PCBs-Filtered					
Aroclor-1221		ND(0.00011)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248		ND(0.00011)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254		ND(0.00011)	NA	ND(0.000065)	0.00033
Aroclor-1260		ND(0.00011)	NA	ND(0.000065)	ND(0.000065)
Total PCBs		ND(0.00011)	NA	ND(0.000065)	0.00033
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine		ND(0.020)	ND(0.054)	ND(0.020)	ND(0.020)
Acenaphthene		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.010)	ND(0.011)	ND(0.0060)	ND(0.0060) J
Dibenzofuran		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)
Naphthalene		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.010)
Phenol		ND(0.010)	ND(0.011)	ND(0.010) J	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		ND(0.0000000012)	ND(0.00000000080)	ND(0.0000000014)	ND(0.0000000050)
TCDFs (total)		ND(0.0000000012)	ND(0.00000000080)	ND(0.0000000014)	ND(0.000000011)
1,2,3,7,8-PeCDF		ND(0.0000000053)	ND(0.0000000030)	ND(0.0000000016)	ND(0.0000000052)
2,3,4,7,8-PeCDF		ND(0.0000000053)	ND(0.0000000028)	ND(0.0000000016)	ND(0.0000000052)
PeCDFs (total)		ND(0.0000000053)	ND(0.0000000030)	ND(0.0000000016)	ND(0.0000000052)
1,2,3,4,7,8-HxCDF		ND(0.0000000053)	ND(0.0000000069)	ND(0.0000000016)	ND(0.000000010)
1,2,3,6,7,8-HxCDF		ND(0.0000000053)	ND(0.0000000070)	ND(0.00000000090)	ND(0.0000000089)
1,2,3,7,8,9-HxCDF		ND(0.0000000053)	ND(0.0000000067)	ND(0.0000000011)	ND(0.000000012)
2,3,4,6,7,8-HxCDF		ND(0.0000000053)	ND(0.0000000073)	ND(0.0000000010)	ND(0.000000010)
HxCDFs (total)		ND(0.0000000053)	ND(0.0000000073)	ND(0.0000000016)	ND(0.000000010)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000053)	ND(0.000000013)	ND(0.0000000016)	ND(0.0000000061)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000053)	ND(0.000000013)	ND(0.0000000020)	ND(0.0000000079)
HpCDFs (total)		ND(0.0000000053)	ND(0.000000013)	ND(0.0000000018)	ND(0.000000015)
OCDF		ND(0.000000011)	ND(0.000000012)	ND(0.0000000038)	ND(0.000000025)

Table B-1
OPCA Monitoring Program

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-6 SGS 04/18/07	OPCA-MW-7 SGS 06/15/99	OPCA-MW-7 SGS 05/01/01	OPCA-MW-7 SGS 04/18/06
Dioxins					
2,3,7,8-TCDD		ND(0.0000000015)	ND(0.0000000013)	ND(0.0000000020)	ND(0.0000000056)
TCDDs (total)		ND(0.0000000015)	ND(0.0000000013)	ND(0.0000000020)	ND(0.000000014)
1,2,3,7,8-PeCDD		ND(0.0000000053)	ND(0.000000010)	ND(0.0000000021)	ND(0.0000000099)
PeCDDs (total)		ND(0.0000000053)	ND(0.000000010)	ND(0.0000000021)	ND(0.0000000099)
1,2,3,4,7,8-HxCDD		ND(0.0000000053)	ND(0.0000000097)	ND(0.0000000017)	ND(0.0000000082)
1,2,3,6,7,8-HxCDD		ND(0.0000000053)	ND(0.000000012)	ND(0.0000000017)	ND(0.0000000071)
1,2,3,7,8,9-HxCDD		ND(0.0000000053)	ND(0.000000011)	ND(0.0000000016)	ND(0.0000000078)
HxCDDs (total)		ND(0.0000000053)	ND(0.000000012)	ND(0.000000010) X	ND(0.000000028)
1,2,3,4,6,7,8-HpCDD		ND(0.0000000053)	ND(0.000000017)	ND(0.0000000030)	ND(0.000000012)
HpCDDs (total)		ND(0.0000000053)	ND(0.000000017)	ND(0.0000000030)	ND(0.000000027)
OCDD		ND(0.000000011)	ND(0.000000018)	ND(0.0000000048)	ND(0.000000031)
Total TEQs (WHO TEFs)		0.0000000068	0.0000000098	0.0000000031	0.000000013
Inorganics-Unfiltered					
Antimony		NA	ND(0.0600)	ND(0.0600)	NA
Arsenic		NA	ND(0.00600)	ND(0.0100)	NA
Barium		NA	0.0270	0.0600 B	NA
Beryllium		NA	ND(0.00600)	ND(0.00100)	NA
Cadmium		NA	ND(0.00600)	ND(0.00500)	NA
Chromium		NA	ND(0.0130)	ND(0.0100)	NA
Cobalt		NA	ND(0.0600)	ND(0.0500)	NA
Copper		NA	ND(0.0330)	0.00790 J	NA
Cyanide		NA	ND(0.0200)	ND(0.0100)	NA
Lead		NA	ND(0.130) J	ND(0.00500)	NA
Mercury		NA	ND(0.000500)	ND(0.000200)	NA
Nickel		NA	ND(0.0600)	ND(0.0400)	NA
Selenium		NA	ND(0.00600) J	ND(0.00500) J	NA
Silver		NA	ND(0.0130)	ND(0.00500)	NA
Sulfide		ND(1.00)	ND(5.00)	ND(5.00)	5.60 B
Thallium		NA	ND(0.0130)	ND(0.0100) J	NA
Tin		NA	ND(0.300)	ND(0.100)	NA
Vanadium		NA	ND(0.0600)	ND(0.0500)	NA
Zinc		NA	ND(0.0260)	0.0200 B	NA
Inorganics-Filtered					
Antimony		ND(0.0400)	NA	ND(0.0600)	ND(0.0600)
Arsenic		ND(0.0100) J	NA	ND(0.0100)	ND(0.0100)
Barium		0.00684 B	NA	0.0570 J	0.0170 B
Beryllium		ND(0.0100)	NA	ND(0.00100)	ND(0.00100)
Cadmium		ND(0.0100)	NA	ND(0.00500)	ND(0.00500)
Chromium		ND(0.0100)	NA	ND(0.0100)	0.000950 B
Cobalt		ND(0.0100)	NA	ND(0.0500)	ND(0.0500)
Copper		ND(0.0100) J	NA	0.00730 J	ND(0.0250)
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		ND(0.0100)	NA	NA	ND(0.0100)
Lead		ND(0.0100)	NA	ND(0.00500)	ND(0.00500)
Mercury		ND(0.000285)	NA	ND(0.000200)	ND(0.000200)
Nickel		ND(0.0100)	NA	ND(0.0400)	ND(0.0400)
Selenium		ND(0.0200)	NA	ND(0.00500) J	0.00420 J
Silver		ND(0.0100)	NA	ND(0.00500)	ND(0.00500)
Thallium		ND(0.0100) J	NA	ND(0.0100) J	ND(0.0100)
Tin		0.00108 J	NA	ND(0.100)	ND(0.0300)
Vanadium		ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc		ND(0.0200)	NA	0.0200 B	ND(0.0200) J

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General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-7 NEA 11/08/06	OPCA-MW-7 SGS 11/08/06	OPCA-MW-7 SGS 04/19/07	OPCA-MW-8 SGS 06/14/99
Volatile Organics					
Acetone		NA	ND(0.0050) J	ND(0.0050) J	ND(0.10)
Benzene		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Carbon Disulfide		NA	ND(0.0010)	ND(0.0010)	ND(0.010)
Chlorobenzene		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Chloroform		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Chloromethane		NA	ND(0.0010)	ND(0.0010)	ND(0.010)
Dibromomethane		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Methylene Chloride		NA	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Toluene		NA	0.00022 J	ND(0.0010)	ND(0.0050)
Trichloroethene		NA	ND(0.0010)	ND(0.0010)	ND(0.0050)
Vinyl Chloride		NA	ND(0.0010)	ND(0.0010) J	ND(0.010)
Total VOCs		NA	0.00022 J	ND(0.10)	ND(0.20)
PCBs-Unfiltered					
Aroclor-1221		NA	NA	NA	ND(0.00010)
Aroclor-1248		NA	NA	NA	ND(0.00010)
Aroclor-1254		NA	NA	NA	ND(0.00010)
Aroclor-1260		NA	NA	NA	ND(0.00010)
Total PCBs		NA	NA	NA	ND(0.00010)
PCBs-Filtered					
Aroclor-1221		ND(0.000022)	ND(0.00011)	ND(0.00010)	NA
Aroclor-1248		ND(0.000022)	ND(0.00011)	ND(0.00010)	NA
Aroclor-1254		0.000095	ND(0.00011)	ND(0.00010)	NA
Aroclor-1260		ND(0.000022)	ND(0.00011)	ND(0.00010)	NA
Total PCBs		0.000095	ND(0.00011)	ND(0.00010)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene		NA	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		NA	ND(0.010) J	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine		NA	ND(0.020) J	ND(0.020)	ND(0.051)
Acenaphthene		NA	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		NA	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran		NA	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene		NA	ND(0.010) J	ND(0.010)	ND(0.010)
Phenol		NA	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		NA	0.0000000029 J	ND(0.0000000019)	ND(0.00000000070)
TCDFs (total)		NA	0.000000037	ND(0.0000000019)	ND(0.00000000070)
1,2,3,7,8-PeCDF		NA	0.0000000071 J	ND(0.0000000056)	ND(0.0000000029)
2,3,4,7,8-PeCDF		NA	0.000000027 J	ND(0.0000000056)	ND(0.0000000027)
PeCDFs (total)		NA	0.00000015 Q	ND(0.0000000056)	ND(0.0000000029)
1,2,3,4,7,8-HxCDF		NA	0.00000013	0.0000000057 J	ND(0.0000000097)
1,2,3,6,7,8-HxCDF		NA	0.000000052 J	ND(0.0000000056)	ND(0.0000000099)
1,2,3,7,8,9-HxCDF		NA	0.000000023 J	ND(0.0000000056)	ND(0.0000000094)
2,3,4,6,7,8-HxCDF		NA	0.000000027 J	ND(0.0000000056)	ND(0.000000010)
HxCDFs (total)		NA	0.00000042	0.0000000057 J	ND(0.000000010)
1,2,3,4,6,7,8-HpCDF		NA	0.000000091	ND(0.0000000056)	ND(0.000000022)
1,2,3,4,7,8,9-HpCDF		NA	0.000000058	ND(0.0000000056)	ND(0.000000022)
HpCDFs (total)		NA	0.00000027	ND(0.0000000056)	ND(0.000000022)
OCDF		NA	0.00000014	ND(0.000000011)	ND(0.000000025)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-7 NEA 11/08/06	OPCA-MW-7 SGS 11/08/06	OPCA-MW-7 SGS 04/19/07	OPCA-MW-8 SGS 06/14/99
Dioxins					
2,3,7,8-TCDD		NA	ND(0.0000000016)	ND(0.0000000019)	ND(0.0000000011)
TCDDs (total)		NA	0.0000000085 J	ND(0.0000000019)	ND(0.0000000011)
1,2,3,7,8-PeCDD		NA	ND(0.0000000057)	ND(0.0000000056)	ND(0.000000011)
PeCDDs (total)		NA	0.0000000087 JQ	ND(0.0000000056)	ND(0.000000011)
1,2,3,4,7,8-HxCDD		NA	ND(0.0000000057)	ND(0.0000000056)	ND(0.000000013)
1,2,3,6,7,8-HxCDD		NA	0.0000000066 J	ND(0.0000000056)	ND(0.000000016)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000000057)	ND(0.0000000056)	ND(0.000000014)
HxCDDs (total)		NA	0.000000055 J	ND(0.0000000056)	ND(0.000000016)
1,2,3,4,6,7,8-HpCDD		NA	0.000000040 J	ND(0.0000000056)	ND(0.000000030)
HpCDDs (total)		NA	0.000000080	ND(0.0000000056)	ND(0.000000030)
OCDD		NA	0.00000026	0.000000016 J	ND(0.000000037)
Total TEQs (WHO TEFs)		NA	0.000000044	0.0000000078	0.000000011
Inorganics-Unfiltered					
Antimony		NA	NA	NA	ND(0.0600)
Arsenic		NA	NA	NA	ND(0.00600)
Barium		NA	NA	NA	0.0860
Beryllium		NA	NA	NA	ND(0.00600)
Cadmium		NA	NA	NA	ND(0.00600)
Chromium		NA	NA	NA	ND(0.0130)
Cobalt		NA	NA	NA	ND(0.0600)
Copper		NA	NA	NA	ND(0.0330)
Cyanide		NA	NA	NA	ND(0.0200)
Lead		NA	NA	NA	ND(0.130) J
Mercury		NA	NA	NA	ND(0.000500)
Nickel		NA	NA	NA	ND(0.0600)
Selenium		NA	NA	NA	ND(0.00600) J
Silver		NA	NA	NA	ND(0.0130)
Sulfide		NA	ND(1.00)	ND(1.00)	ND(5.00)
Thallium		NA	NA	NA	ND(0.0130)
Tin		NA	NA	NA	ND(0.300)
Vanadium		NA	NA	NA	ND(0.0600)
Zinc		NA	NA	NA	ND(0.0260)
Inorganics-Filtered					
Antimony		NA	ND(0.0400)	ND(0.0400)	NA
Arsenic		NA	ND(0.0100) J	ND(0.0100)	NA
Barium		NA	ND(0.500) J	ND(0.0100)	NA
Beryllium		NA	0.00363 J	ND(0.0100) J	NA
Cadmium		NA	ND(0.00500) J	ND(0.0100) J	NA
Chromium		NA	ND(0.0100)	ND(0.0100) J	NA
Cobalt		NA	ND(0.0100) J	ND(0.0100) J	NA
Copper		NA	ND(0.200) J	ND(0.0100) J	NA
Cyanide		NA	NA	NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)	ND(0.00600)	NA
Lead		NA	ND(0.0100) J	ND(0.0100)	NA
Mercury		NA	ND(0.000285)	ND(0.000285)	NA
Nickel		NA	ND(0.0500) J	ND(0.0100) J	NA
Selenium		NA	ND(0.0200) J	0.00889 B	NA
Silver		NA	ND(0.0100)	ND(0.0100)	NA
Thallium		NA	ND(0.0100) J	ND(0.0100)	NA
Tin		NA	ND(0.100)	ND(0.0100) J	NA
Vanadium		NA	ND(0.0500) J	0.00657 B	NA
Zinc		NA	0.00700 B	0.0400	NA

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-8 / SGS / 05/01/01	OPCA-MW-8 / SGS / 04/17/06
Volatile Organics			
Acetone		ND(0.010) [ND(0.010)]	ND(0.010) J
Benzene		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon Disulfide		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloromethane		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dibromomethane		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene Chloride		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene		ND(0.0020) [ND(0.0020)]	ND(0.0020)
Toluene		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene		ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride		ND(0.0020) [ND(0.0020)]	ND(0.0020)
Total VOCs		ND(0.20) [ND(0.20)]	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221		ND(0.000065) [ND(0.000065)]	NA
Aroclor-1248		ND(0.000065) [ND(0.000065)]	NA
Aroclor-1254		ND(0.000065) [ND(0.000065)]	NA
Aroclor-1260		ND(0.000065) [ND(0.000065)]	NA
Total PCBs		ND(0.000065) [ND(0.000065)]	NA
PCBs-Filtered			
Aroclor-1221		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1248		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1254		ND(0.000065) [ND(0.000065)]	ND(0.00020)
Aroclor-1260		ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs		ND(0.000065) [ND(0.000065)]	ND(0.00020)
Semivolatile Organics			
1,2,4-Trichlorobenzene		ND(0.010) [ND(0.010)]	ND(0.010)
2,4-Dimethylphenol		ND(0.010) [ND(0.010)]	ND(0.010)
3,3'-Dichlorobenzidine		ND(0.020) [ND(0.020)]	ND(0.020)
Acenaphthene		ND(0.010) [ND(0.010)]	ND(0.010)
bis(2-Ethylhexyl)phthalate		ND(0.0060) [ND(0.0060)]	ND(0.0060) J
Dibenzofuran		ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene		ND(0.010) [ND(0.010)]	ND(0.010)
Phenol		ND(0.010) J [ND(0.010) J]	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		ND(0.0000000010) [ND(0.0000000018) X]	ND(0.0000000034)
TCDFs (total)		ND(0.0000000010) [ND(0.0000000032) X]	ND(0.000000011)
1,2,3,7,8-PeCDF		ND(0.0000000028) [ND(0.000000026)]	ND(0.0000000080)
2,3,4,7,8-PeCDF		ND(0.0000000011) [0.0000000034 J]	ND(0.0000000078)
PeCDFs (total)		ND(0.0000000028) [0.000000040]	ND(0.0000000079)
1,2,3,4,7,8-HxCDF		ND(0.0000000014) [ND(0.0000000045)]	ND(0.000000011)
1,2,3,6,7,8-HxCDF		ND(0.00000000070) [ND(0.0000000028)]	ND(0.0000000096)
1,2,3,7,8,9-HxCDF		ND(0.00000000090) [0.0000000018 JB]	ND(0.000000013)
2,3,4,6,7,8-HxCDF		ND(0.00000000080) [ND(0.0000000023)]	ND(0.000000011)
HxCDFs (total)		ND(0.0000000014) [0.000000025]	ND(0.000000011)
1,2,3,4,6,7,8-HpCDF		ND(0.0000000013) [ND(0.0000000036) XB]	ND(0.0000000075)
1,2,3,4,7,8,9-HpCDF		ND(0.0000000016) [0.0000000040 JB]	ND(0.0000000097)
HpCDFs (total)		ND(0.0000000014) [0.0000000058]	ND(0.000000024)
OCDF		ND(0.0000000031) [0.0000000095 J]	ND(0.000000024)

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-8 / SGS / 05/01/01	OPCA-MW-8 / SGS / 04/17/06
Dioxins			
2,3,7,8-TCDD		ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000062)
TCDDs (total)		ND(0.0000000013) [ND(0.0000000014)]	ND(0.000000013)
1,2,3,7,8-PeCDD		ND(0.0000000016) [ND(0.0000000040)]	ND(0.000000013)
PeCDDs (total)		ND(0.0000000016) [0.0000000040]	ND(0.000000013)
1,2,3,4,7,8-HxCDD		ND(0.0000000013) [ND(0.0000000024)]	ND(0.0000000090)
1,2,3,6,7,8-HxCDD		ND(0.0000000013) [ND(0.0000000019) XB]	ND(0.0000000083)
1,2,3,7,8,9-HxCDD		ND(0.0000000012) [ND(0.0000000038)]	ND(0.0000000091)
HxCDDs (total)		ND(0.000000012) [0.0000000062]	ND(0.000000023)
1,2,3,4,6,7,8-HpCDD		ND(0.0000000024) [ND(0.0000000081)]	ND(0.000000012)
HpCDDs (total)		ND(0.0000000014) X [0.000000012]	ND(0.000000036)
OCDD		ND(0.0000000051) XB [ND(0.000000043)]	ND(0.000000037)
Total TEQs (WHO TEFs)		0.0000000023 [0.0000000063]	0.000000016
Inorganics-Unfiltered			
Antimony		ND(0.0600) [ND(0.0600)]	NA
Arsenic		ND(0.0100) J [ND(0.0100) J]	NA
Barium		0.0290 B [0.0300 B]	NA
Beryllium		ND(0.00100) [ND(0.00100)]	NA
Cadmium		ND(0.00500) [ND(0.00500)]	NA
Chromium		0.00600 B [0.00520 B]	NA
Cobalt		ND(0.0500) [ND(0.0500)]	NA
Copper		ND(0.0250) [ND(0.0250)]	NA
Cyanide		ND(0.0100) [ND(0.0100)]	NA
Lead		ND(0.00500) J [ND(0.00500) J]	NA
Mercury		ND(0.000200) [ND(0.000200)]	NA
Nickel		ND(0.0400) [ND(0.0400)]	NA
Selenium		ND(0.00500) [ND(0.00500)]	NA
Silver		ND(0.00500) [ND(0.00500)]	NA
Sulfide		ND(5.00) [ND(5.00)]	6.40
Thallium		ND(0.0100) J [ND(0.0100) J]	NA
Tin		ND(0.100) [ND(0.100)]	NA
Vanadium		ND(0.0500) [ND(0.0500)]	NA
Zinc		0.0970 [0.120]	NA
Inorganics-Filtered			
Antimony		ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic		ND(0.0100) J [ND(0.0100) J]	ND(0.0100)
Barium		0.0280 J [0.0280 J]	0.0170 B
Beryllium		ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium		ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium		0.00290 B [0.00370 B]	0.00230 B
Cobalt		ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper		ND(0.0250) [0.00420 B]	ND(0.0250)
Cyanide		NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)
Lead		ND(0.00500) J [ND(0.00500) J]	ND(0.00500)
Mercury		ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel		ND(0.0400) [0.00410 B]	ND(0.0400)
Selenium		ND(0.00500) [ND(0.00500)]	0.00430 J
Silver		ND(0.00500) [ND(0.00500)]	ND(0.00500)
Thallium		ND(0.0100) J [ND(0.0100) J]	ND(0.0100)
Tin		ND(0.100) [ND(0.100)]	ND(0.0300)
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc		0.0540 [0.0560]	0.0100 J

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-8 NEA 11/08/06	OPCA-MW-8 SGS 11/08/06	OPCA-MW-8 SGS 04/17/07
Volatile Organics				
Acetone		NA	ND(0.0050) J	ND(0.0050)
Benzene		NA	ND(0.0010)	ND(0.0010)
Carbon Disulfide		NA	ND(0.0010)	ND(0.0010)
Chlorobenzene		NA	ND(0.0010)	ND(0.0010)
Chloroform		NA	ND(0.0010)	ND(0.0010)
Chloromethane		NA	ND(0.0010)	ND(0.0010)
Dibromomethane		NA	ND(0.0010)	ND(0.0010)
Methylene Chloride		NA	ND(0.0050)	ND(0.0050)
Tetrachloroethene		NA	ND(0.0010)	ND(0.0010)
Toluene		NA	0.00037 J	0.011
Trichloroethene		NA	ND(0.0010)	ND(0.0010)
Vinyl Chloride		NA	ND(0.0010)	ND(0.0010)
Total VOCs		NA	0.00037 J	0.011
PCBs-Unfiltered				
Aroclor-1221		NA	NA	NA
Aroclor-1248		NA	NA	NA
Aroclor-1254		NA	NA	NA
Aroclor-1260		NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered				
Aroclor-1221		ND(0.000022)	ND(0.00011)	ND(0.00012)
Aroclor-1248		ND(0.000022)	ND(0.00011)	ND(0.00012)
Aroclor-1254		ND(0.000022)	ND(0.00011)	ND(0.00012)
Aroclor-1260		ND(0.000022)	ND(0.00011)	ND(0.00012)
Total PCBs		ND(0.000022)	ND(0.00011)	ND(0.00012)
Semivolatile Organics				
1,2,4-Trichlorobenzene		NA	ND(0.010)	ND(0.010)
2,4-Dimethylphenol		NA	ND(0.010) J	ND(0.010)
3,3'-Dichlorobenzidine		NA	ND(0.020) J	ND(0.020)
Acenaphthene		NA	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate		NA	ND(0.010)	ND(0.010)
Dibenzofuran		NA	ND(0.010)	ND(0.010)
Naphthalene		NA	ND(0.010) J	ND(0.010)
Phenol		NA	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		NA	ND(0.0000000011)	0.0000000014 J
TCDFs (total)		NA	ND(0.0000000011)	0.0000000014 J
1,2,3,7,8-PeCDF		NA	ND(0.0000000055)	ND(0.0000000051)
2,3,4,7,8-PeCDF		NA	ND(0.0000000055)	ND(0.0000000051)
PeCDFs (total)		NA	ND(0.0000000055)	ND(0.0000000051) Q
1,2,3,4,7,8-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,6,7,8-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF		NA	ND(0.0000000055)	ND(0.0000000051)
HxCDFs (total)		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000000055)	ND(0.0000000051)
HpCDFs (total)		NA	ND(0.0000000055)	ND(0.0000000051)
OCDF		NA	ND(0.000000011)	ND(0.000000010)

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Parameter	Sample ID: / Laboratory: / Date Collected:	OPCA-MW-8 NEA 11/08/06	OPCA-MW-8 SGS 11/08/06	OPCA-MW-8 SGS 04/17/07
Dioxins				
2,3,7,8-TCDD		NA	ND(0.0000000012)	ND(0.0000000015)
TCDDs (total)		NA	ND(0.0000000012)	ND(0.0000000015)
1,2,3,7,8-PeCDD		NA	ND(0.0000000055)	ND(0.0000000051)
PeCDDs (total)		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,4,7,8-HxCDD		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,6,7,8-HxCDD		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000000055)	ND(0.0000000051)
HxCDDs (total)		NA	ND(0.0000000055)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDD		NA	ND(0.0000000055)	0.0000000063 J
HpCDDs (total)		NA	ND(0.0000000055)	0.0000000063 J
OCDD		NA	0.000000012 J	0.000000035 J
Total TEQs (WHO TEFs)		NA	0.0000000070	0.0000000067
Inorganics-Unfiltered				
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Cyanide		NA	NA	NA
Lead		NA	NA	NA
Mercury		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		NA	ND(1.00)	ND(1.00)
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filtered				
Antimony		NA	ND(0.0400)	ND(0.0400)
Arsenic		NA	ND(0.0100) J	ND(0.0100) J
Barium		NA	ND(0.500) J	0.00799 B
Beryllium		NA	ND(0.0100) J	ND(0.0100)
Cadmium		NA	ND(0.00500) J	ND(0.0100)
Chromium		NA	ND(0.0100)	ND(0.0100)
Cobalt		NA	ND(0.0100) J	ND(0.0100)
Copper		NA	ND(0.200) J	ND(0.0100) J
Cyanide		NA	NA	NA
Cyanide-MADEP (PAC)		NA	ND(0.0100)	ND(0.0100)
Lead		NA	ND(0.0100) J	ND(0.0100)
Mercury		NA	ND(0.000285)	ND(0.000285)
Nickel		NA	ND(0.0500) J	ND(0.0100)
Selenium		NA	ND(0.0200) J	ND(0.0200)
Silver		NA	ND(0.0100)	ND(0.0100)
Thallium		NA	0.00717 J	ND(0.0100) J
Tin		NA	ND(0.100)	0.004120 J
Vanadium		NA	ND(0.0500) J	ND(0.0500)
Zinc		NA	0.00819 B	0.00294 B

Table B-1
OPCA Monitoring Program

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. and Northeast Analytical, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.
7. -- 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.
J - Indicates that the associated numerical value is an estimated concentration.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
R - Data was rejected due to a deficiency in the data generation process.
Q - Indicates the presence of quantitative interferences.
X - Estimated maximum possible concentration.

Inorganics

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

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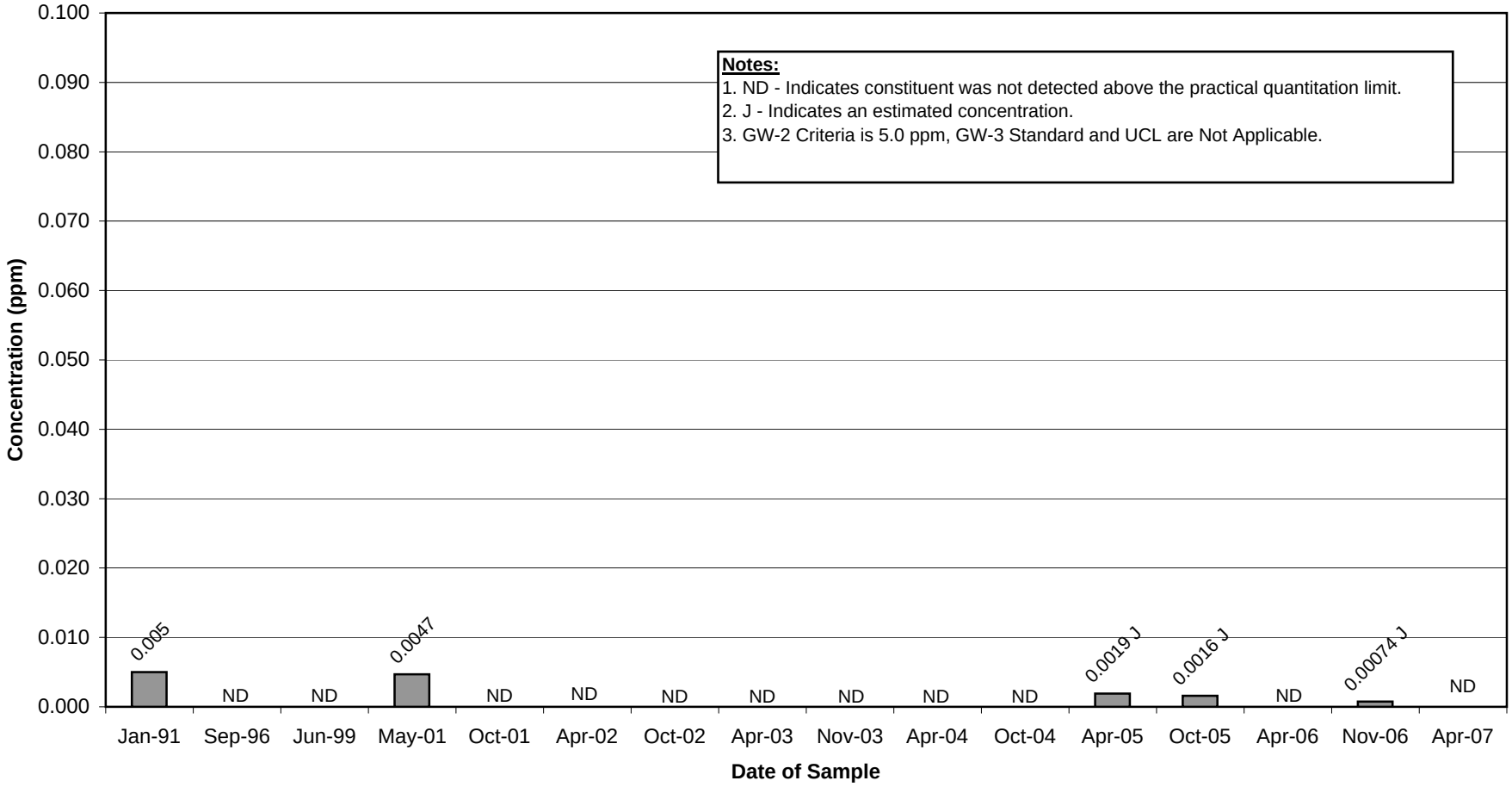
Historical Groundwater Data

Total VOC Concentrations –
Wells Sampled in Spring 2007

Appendix B
Well 78-1 Historical Total VOC Concentrations

Groundwater Management Area 4

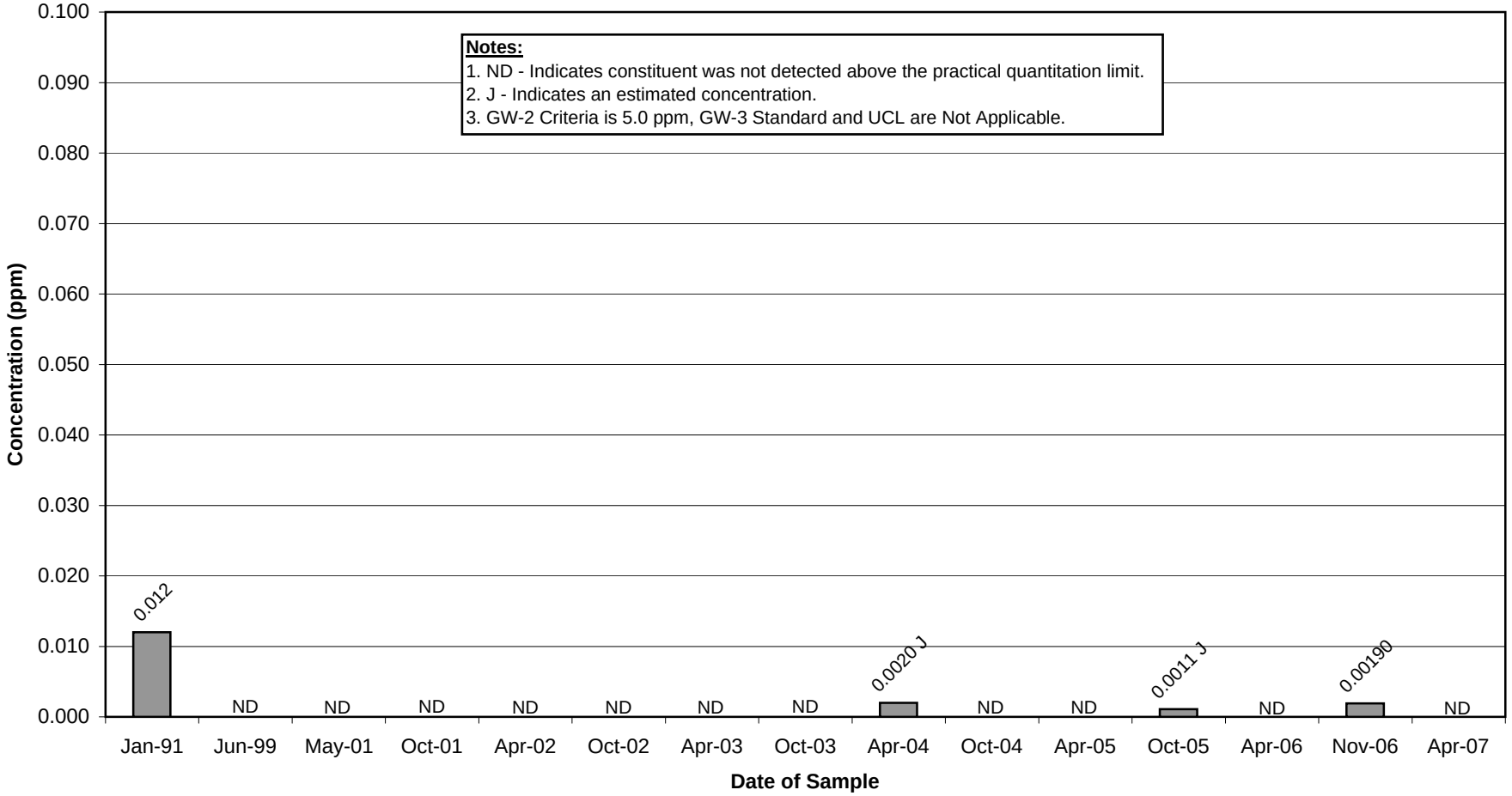
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well 78-6 Historical Total VOC Concentrations

Groundwater Management Area 4

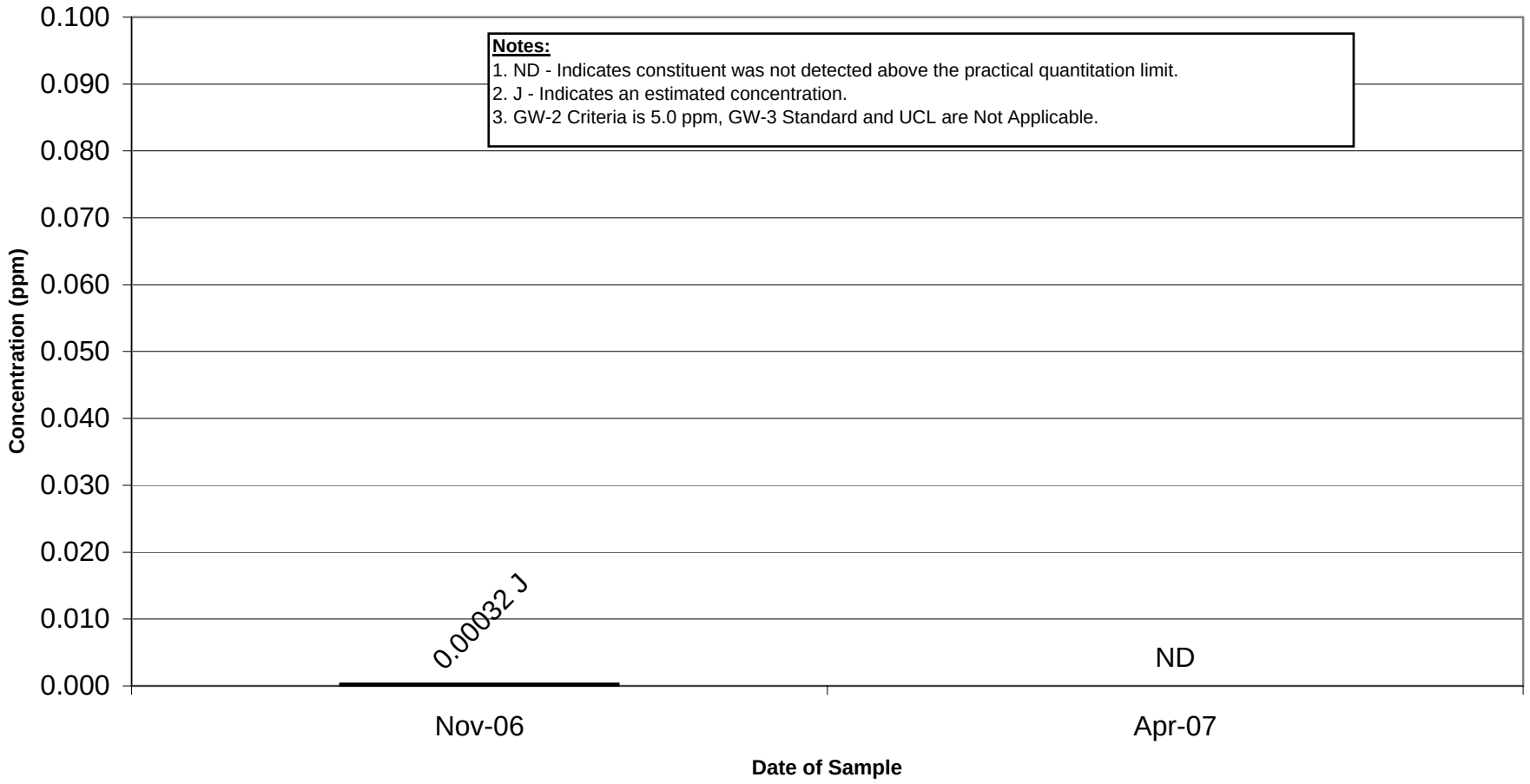
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well GMA4-6 Historical Total VOC Concentrations

Groundwater Management Area 4

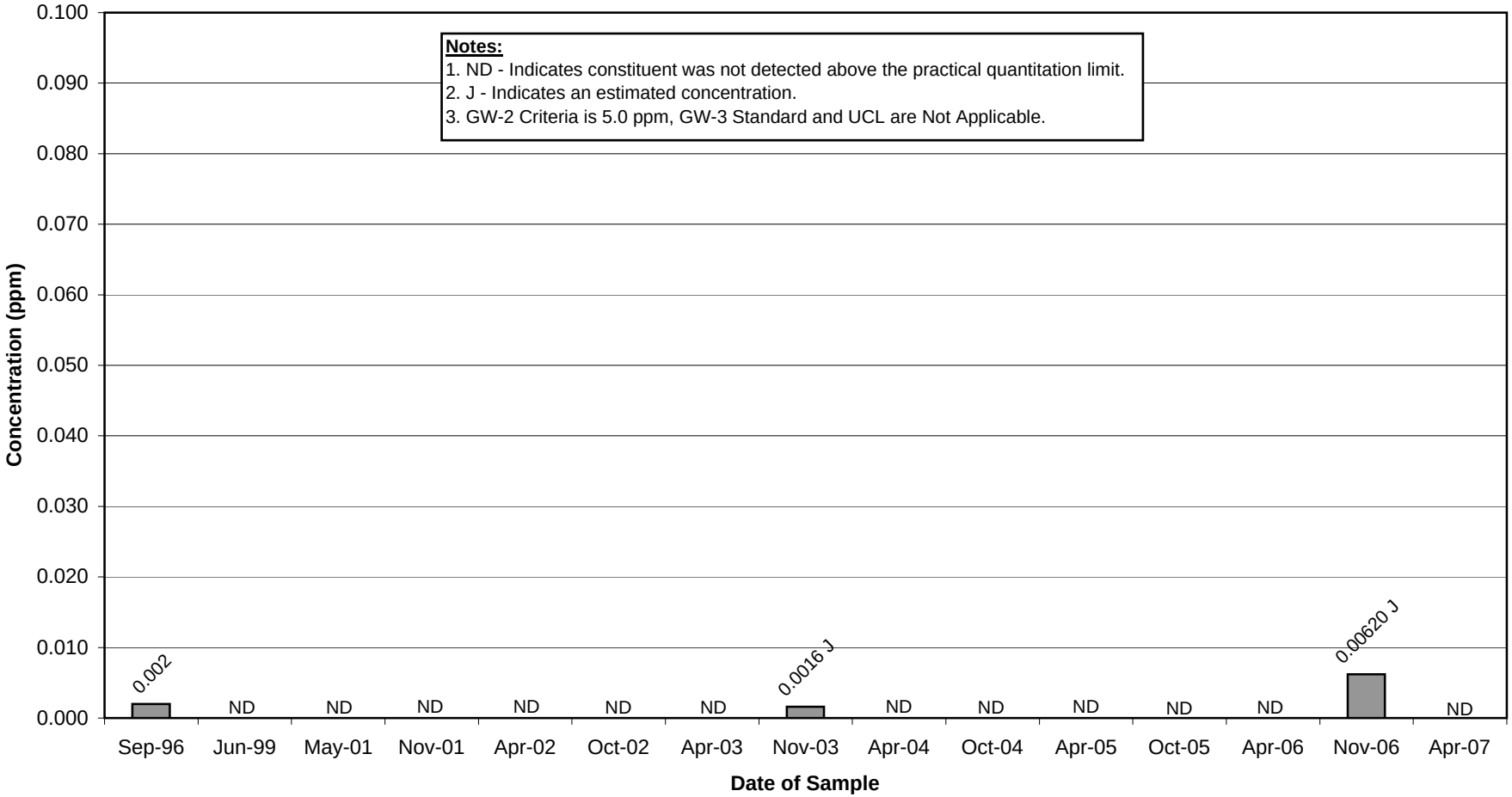
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well H78B-15 Historical Total VOC Concentrations

Groundwater Management Area 4

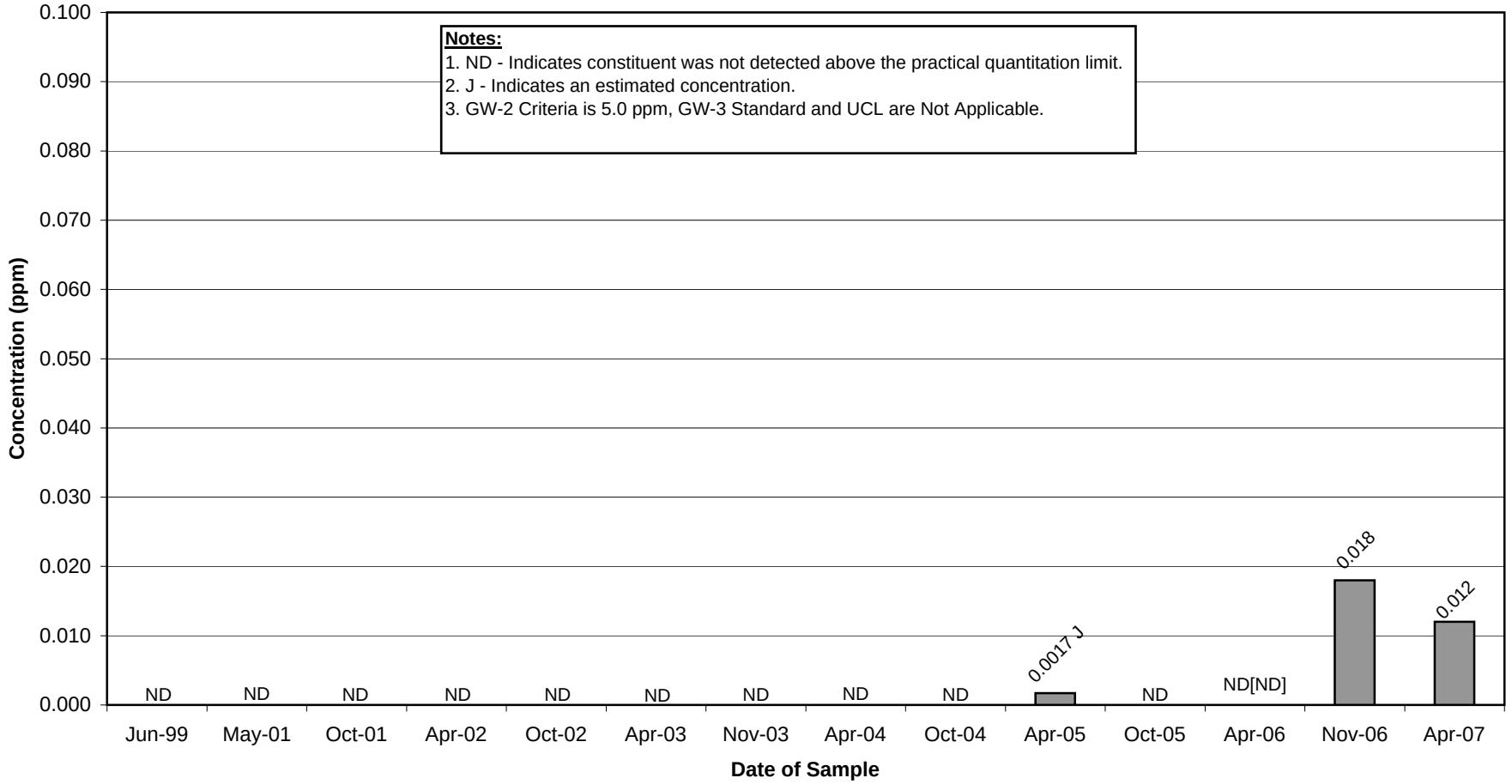
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-1R Historical Total VOC Concentrations

Groundwater Management Area 4

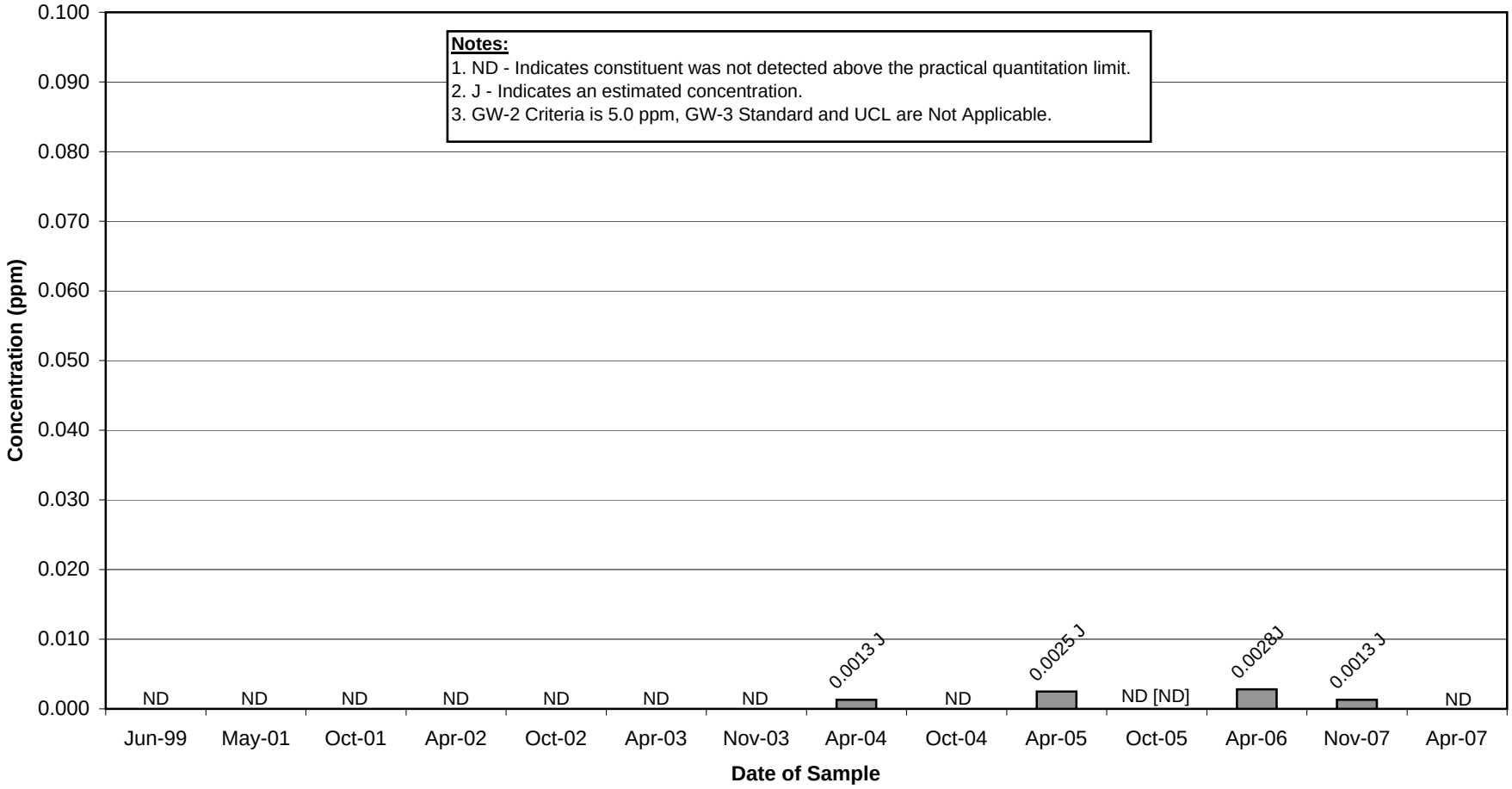
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-2 Historical Total VOC Concentrations

Groundwater Management Area 4

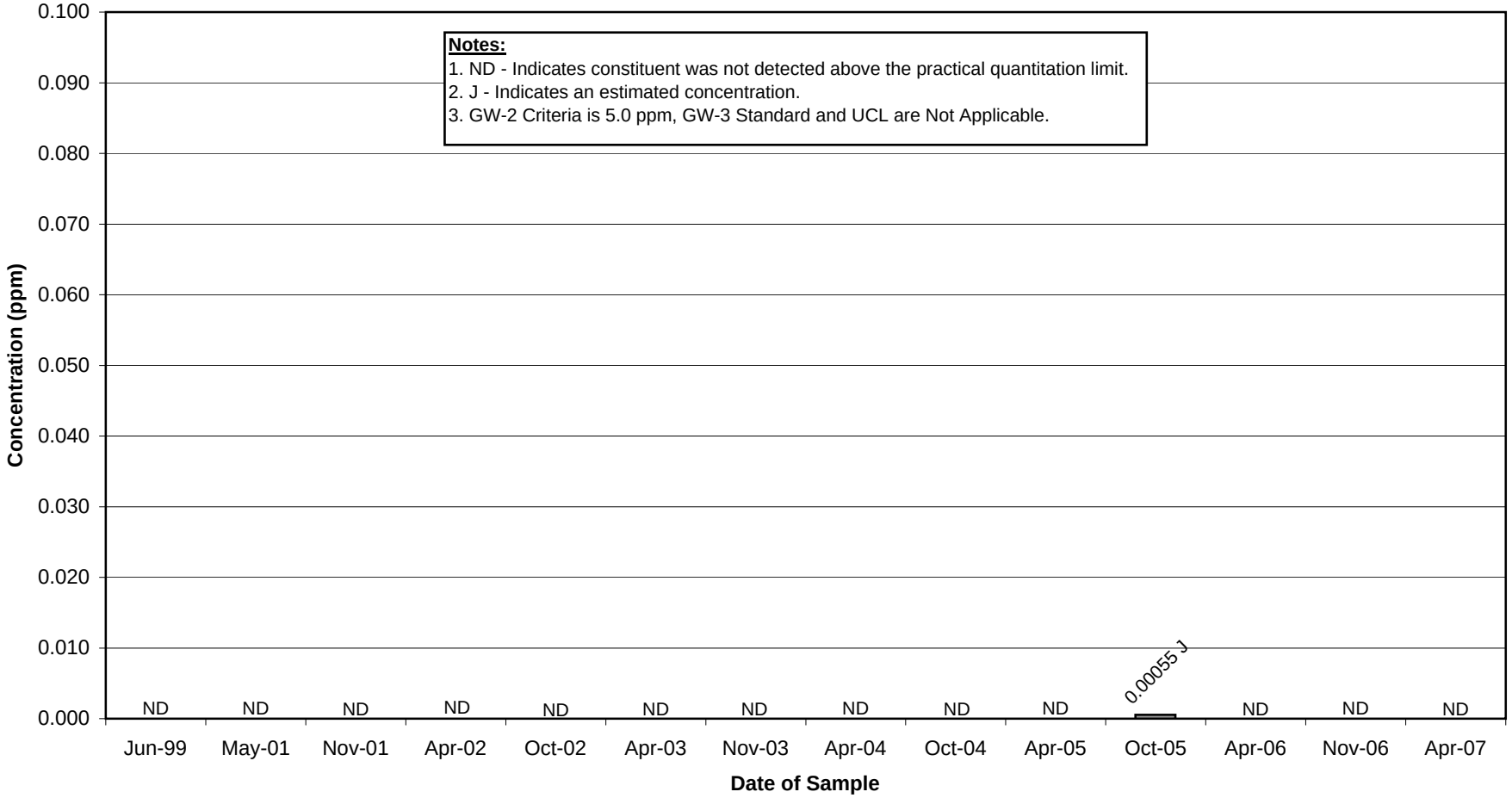
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-3 Historical Total VOC Concentrations

Groundwater Management Area 4

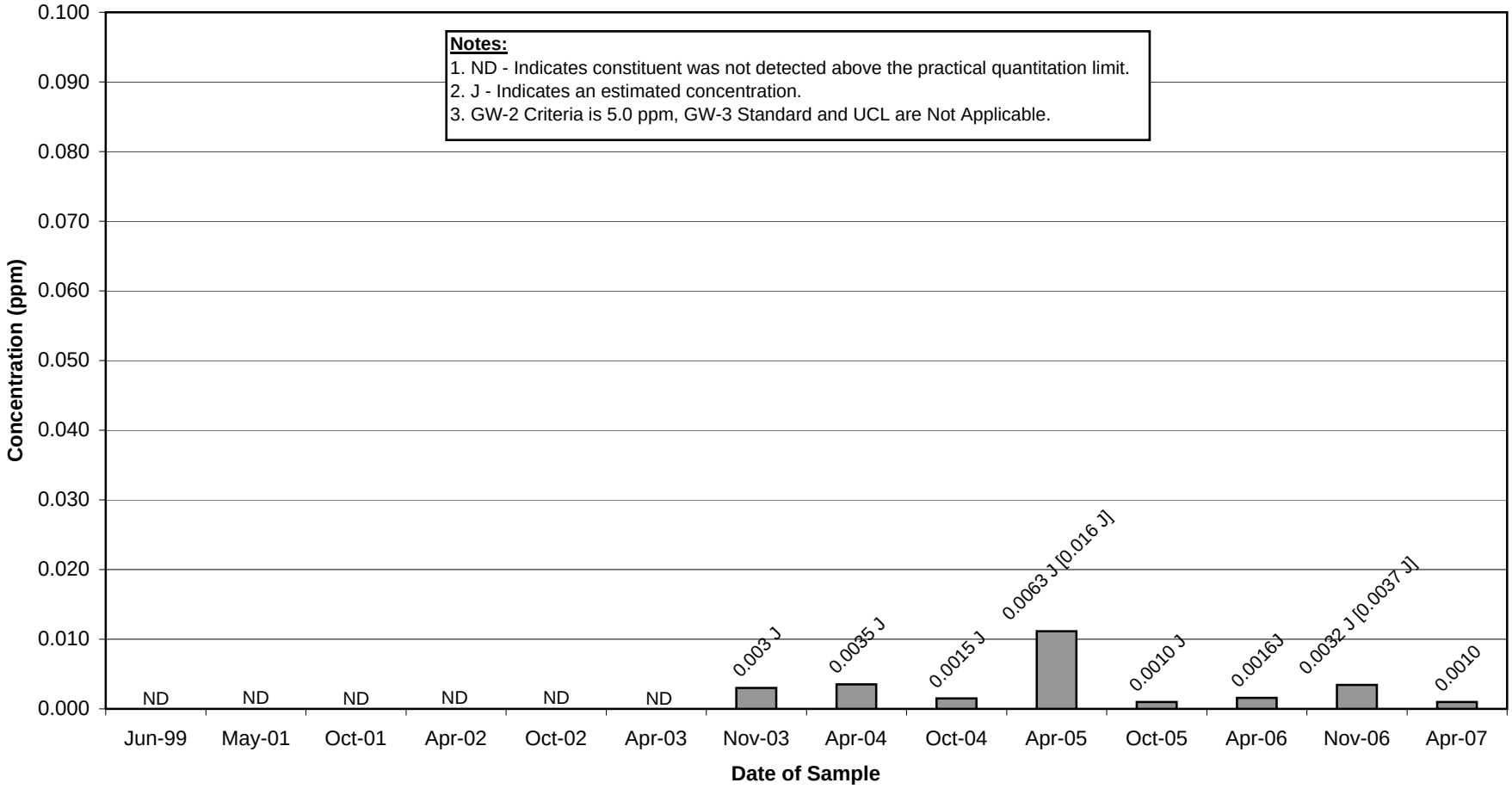
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-4 Historical Total VOC Concentrations

Groundwater Management Area 4

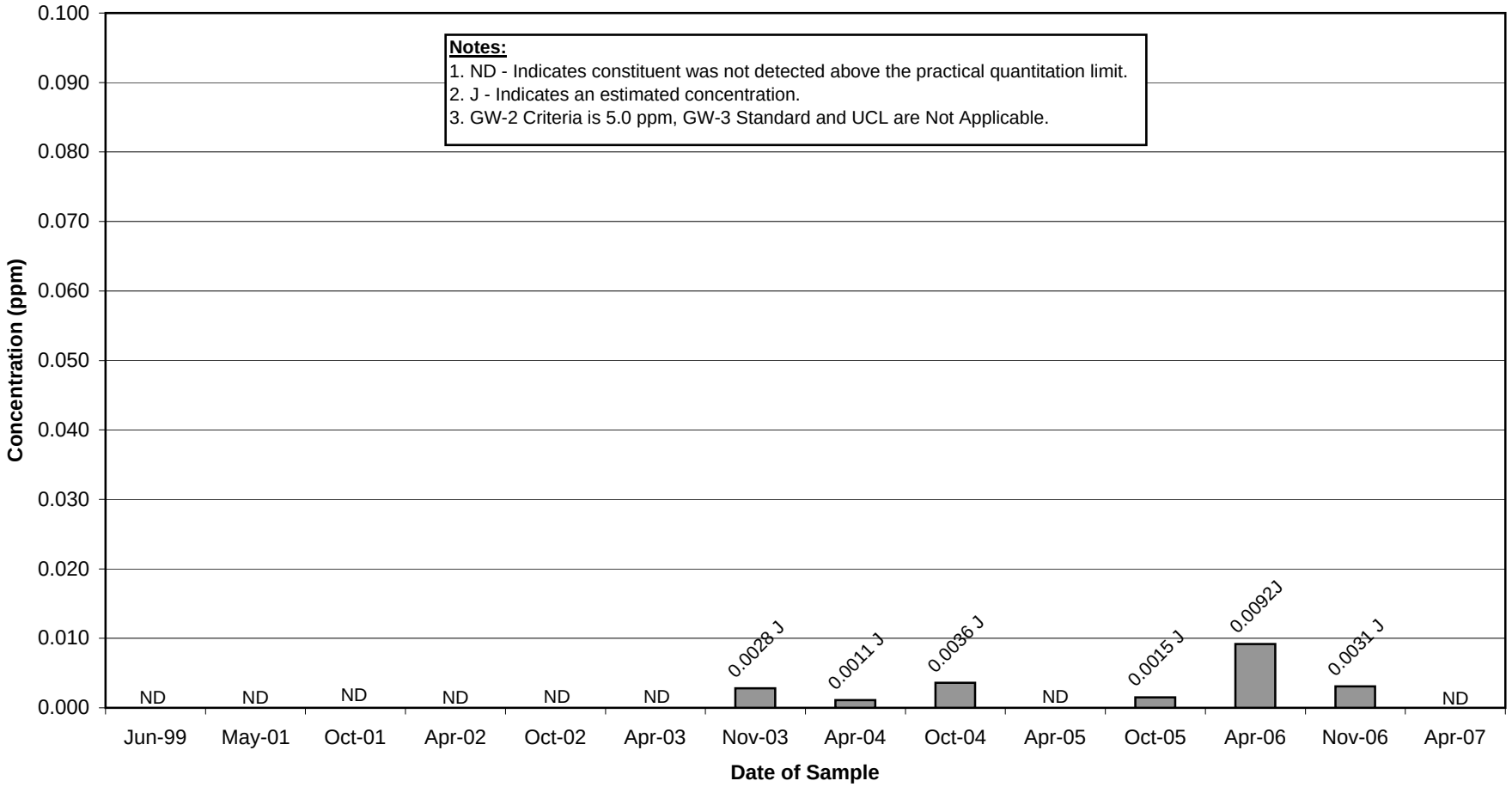
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-5R Historical Total VOC Concentrations

Groundwater Management Area 4

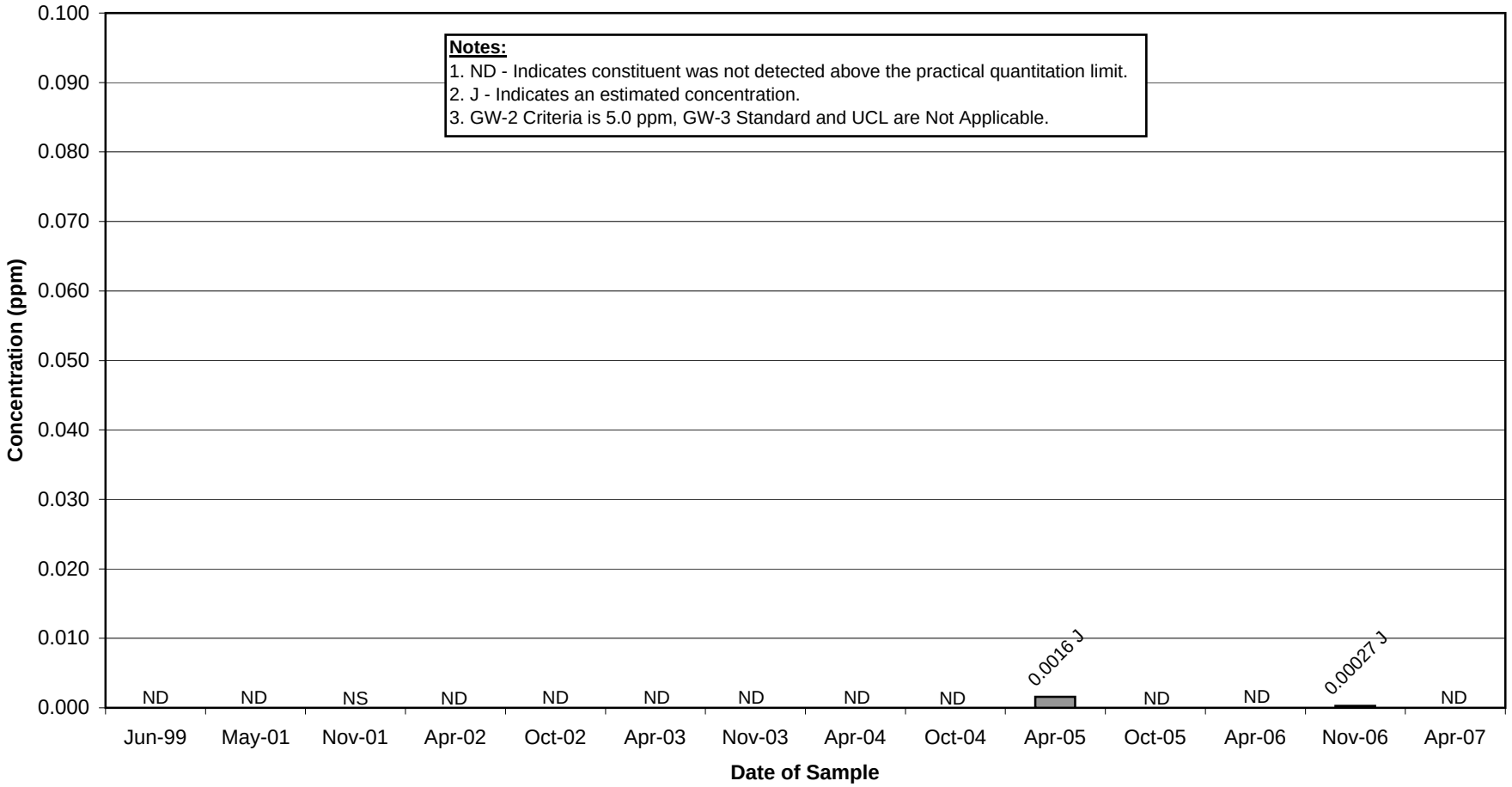
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-6 Historical Total VOC Concentrations

Groundwater Management Area 4

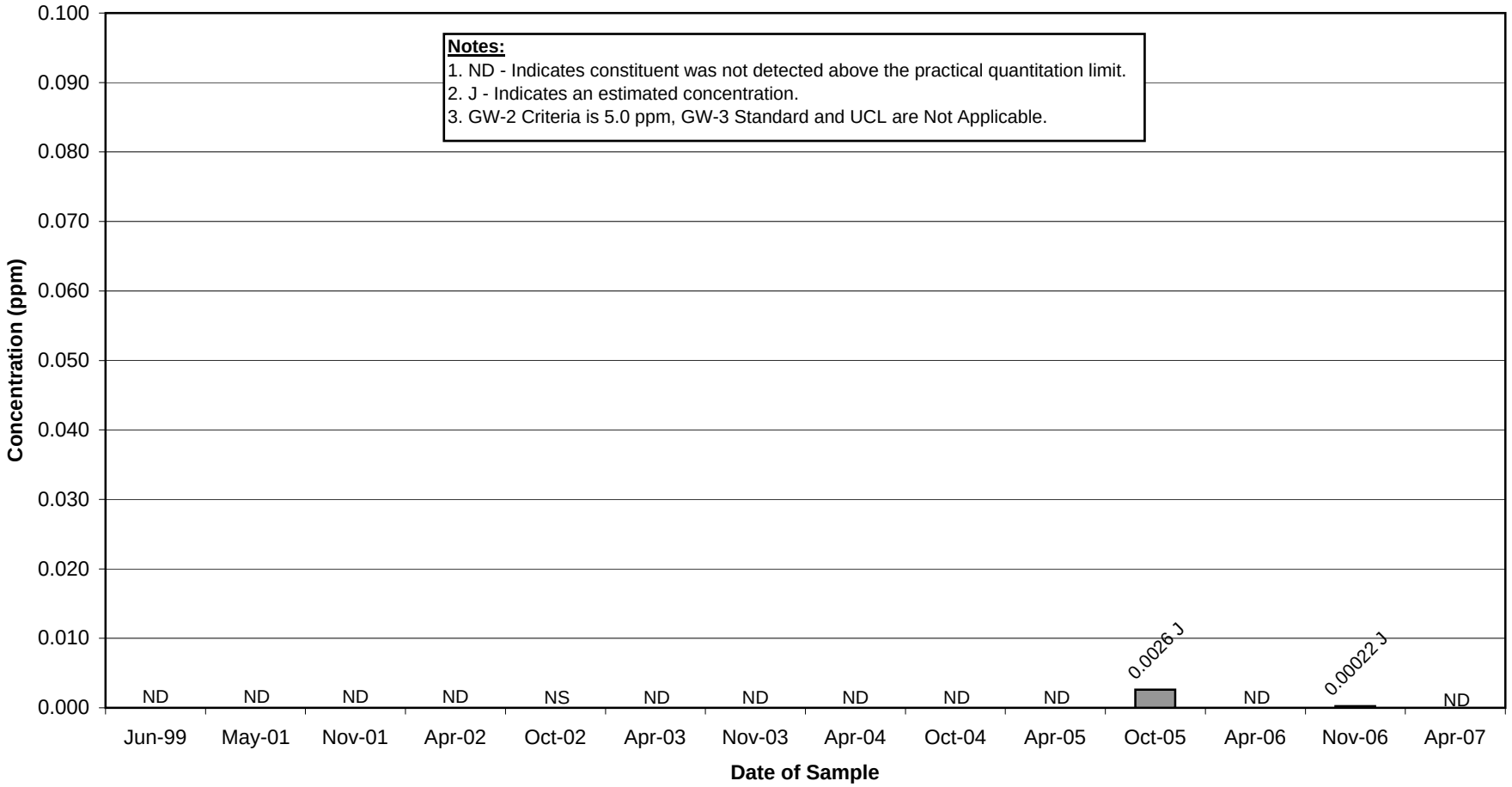
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-7 Historical Total VOC Concentrations

Groundwater Management Area 4

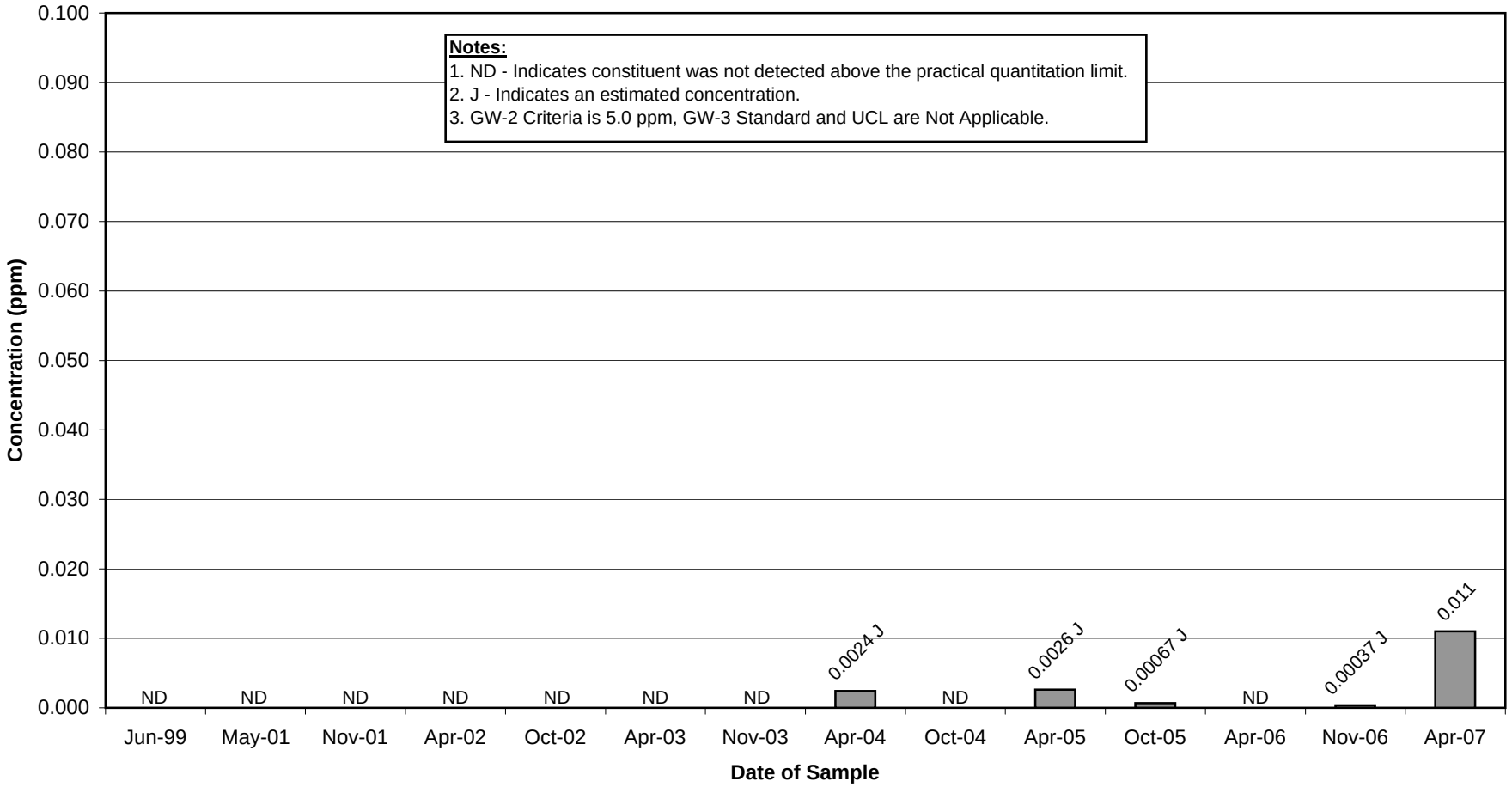
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-8 Historical Total VOC Concentrations

Groundwater Management Area 4

General Electric Company - Pittsfield, Massachusetts



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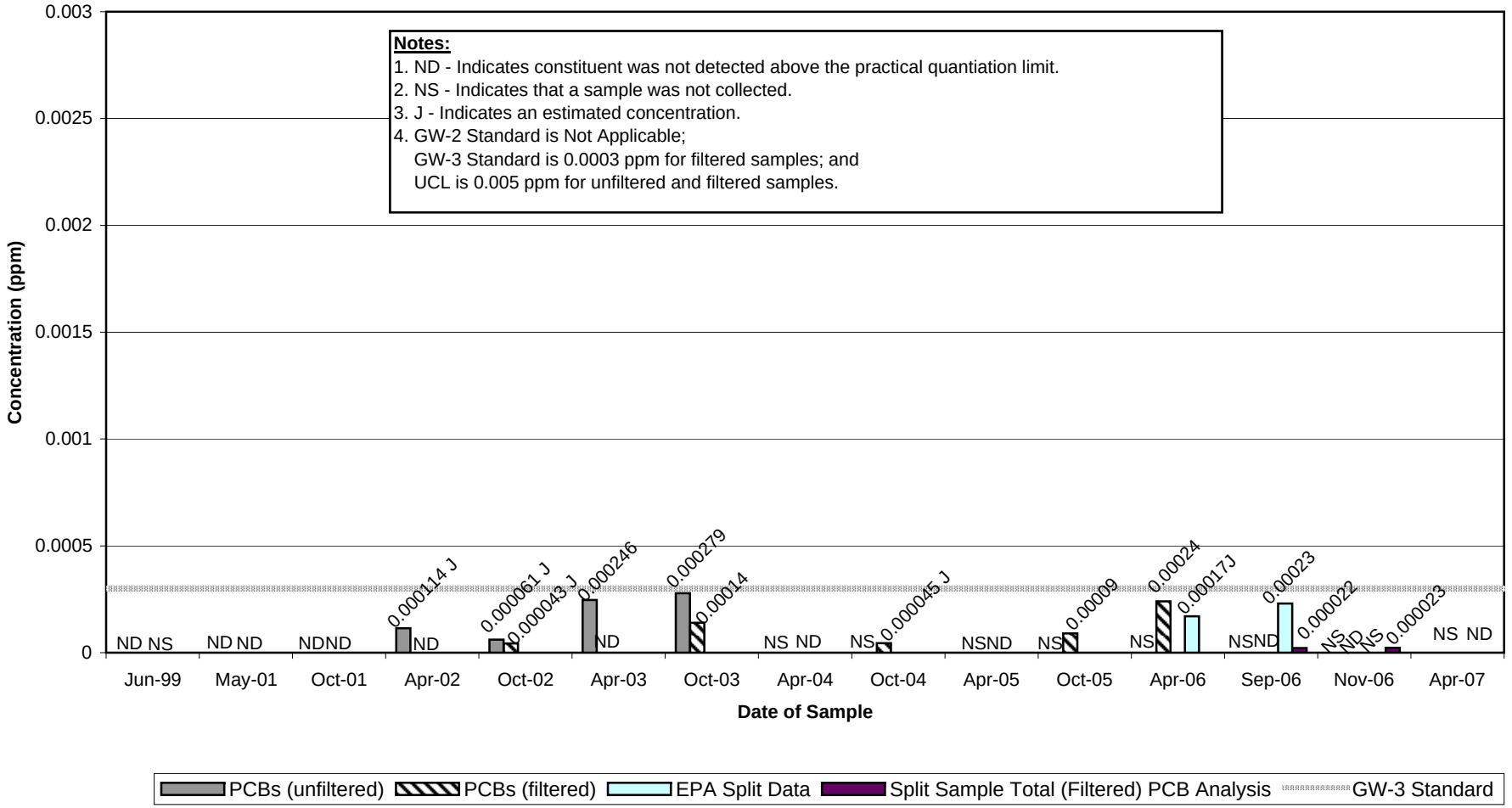
Historical Groundwater Data

Total PCB Concentrations –
Wells Sampled in Spring 2007

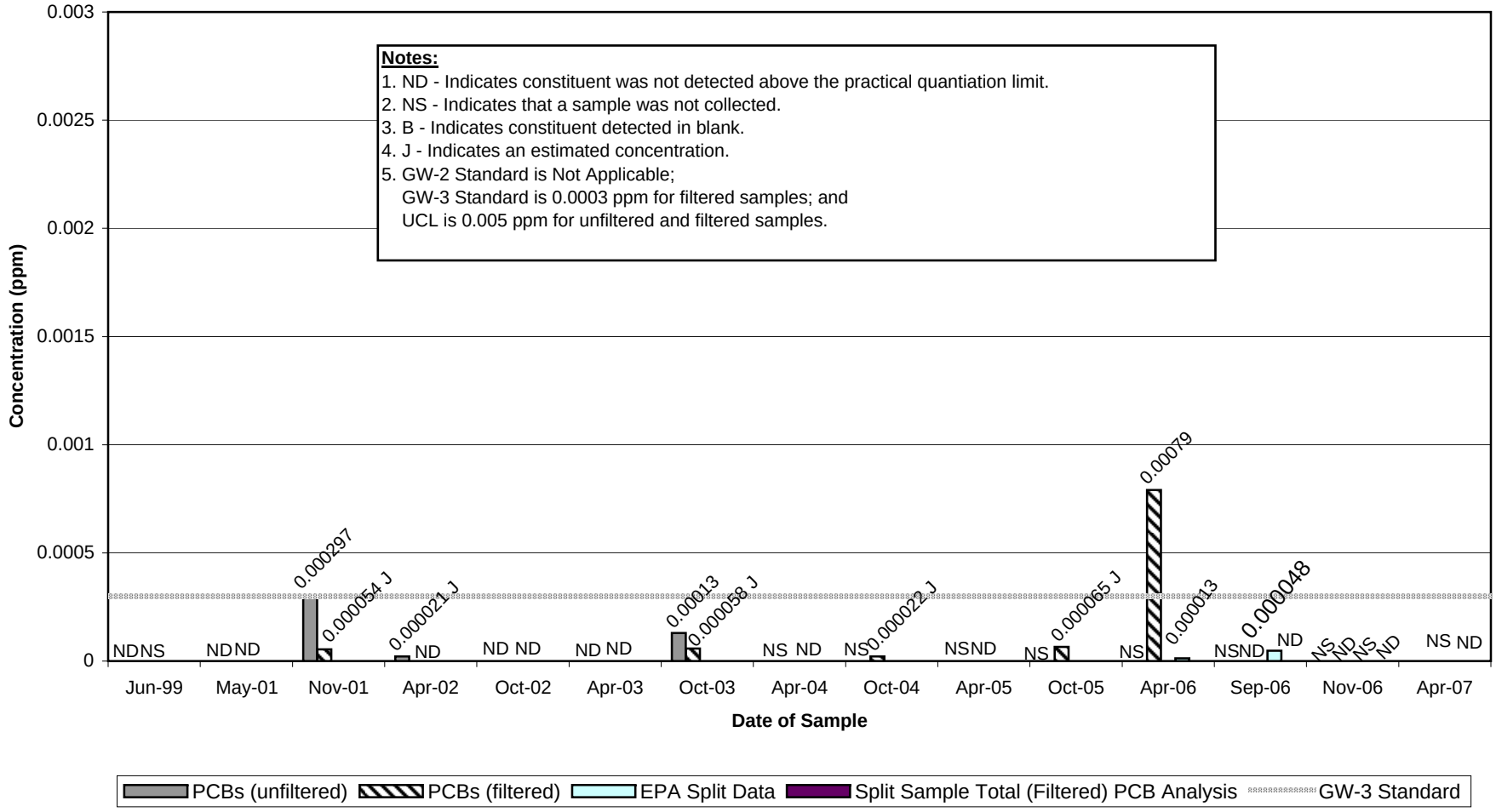
Appendix B
Well 78-1 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



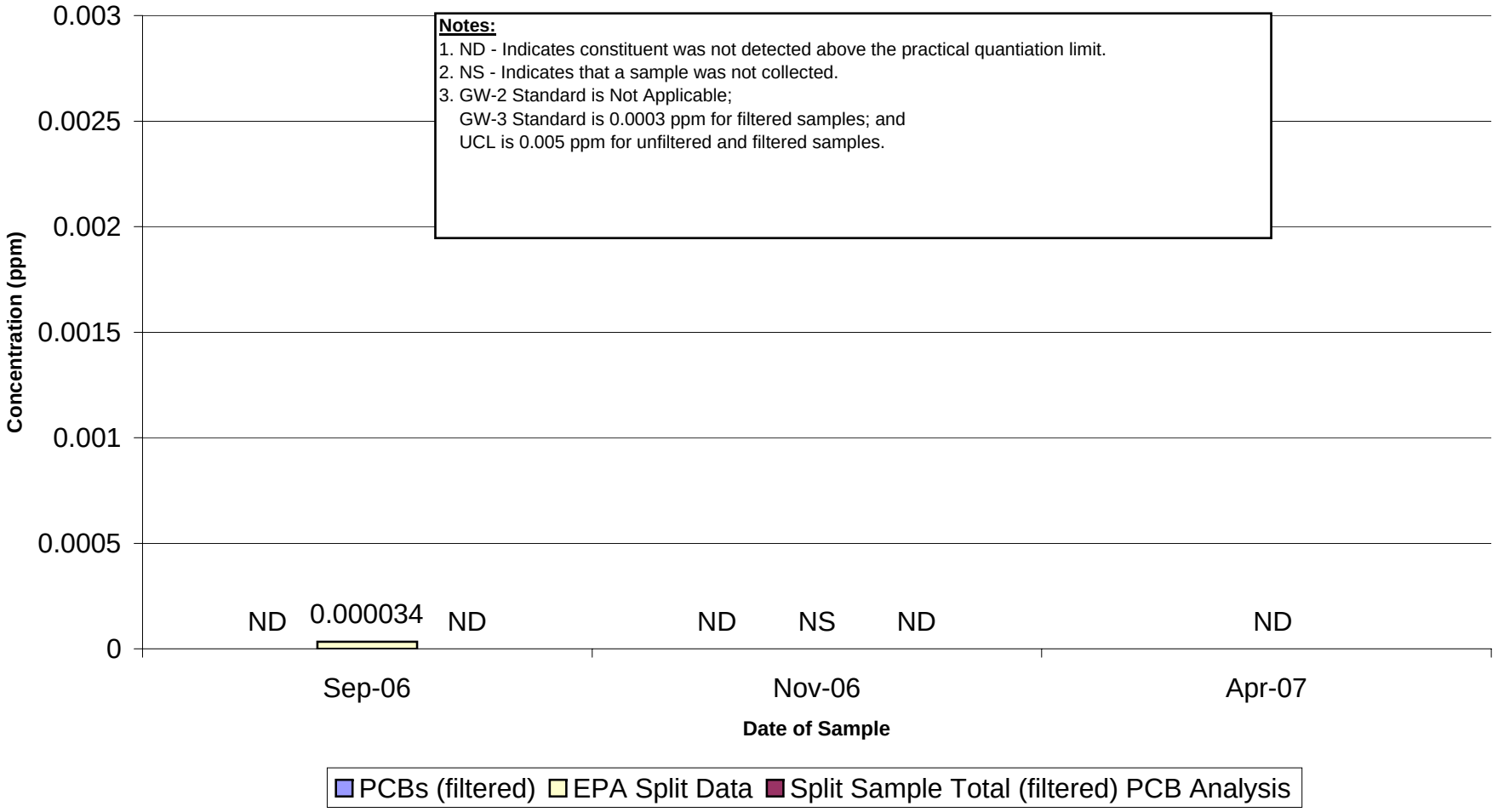
Appendix B
Well 78-6 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



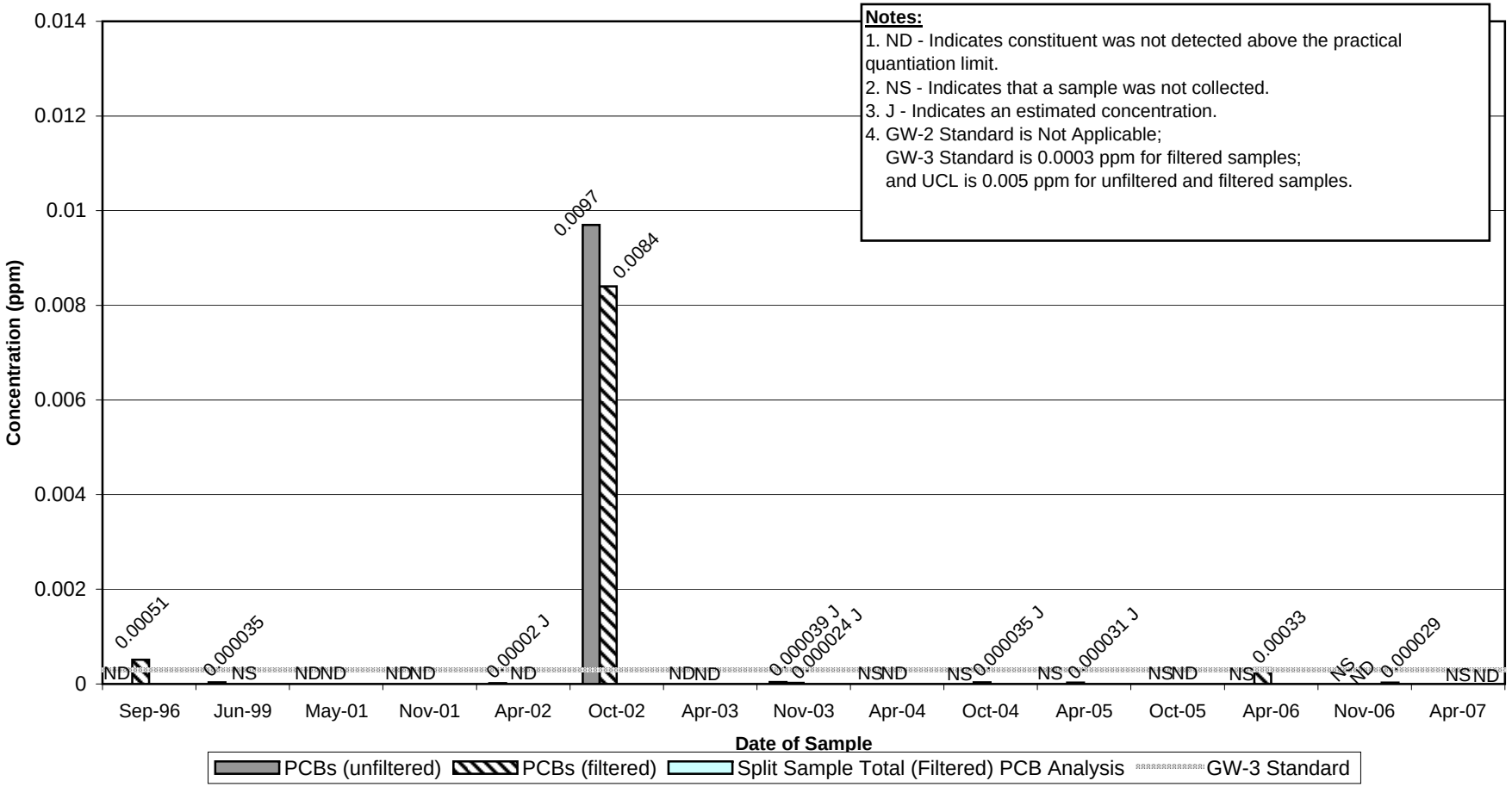
Appendix B
Well GMA4-6 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



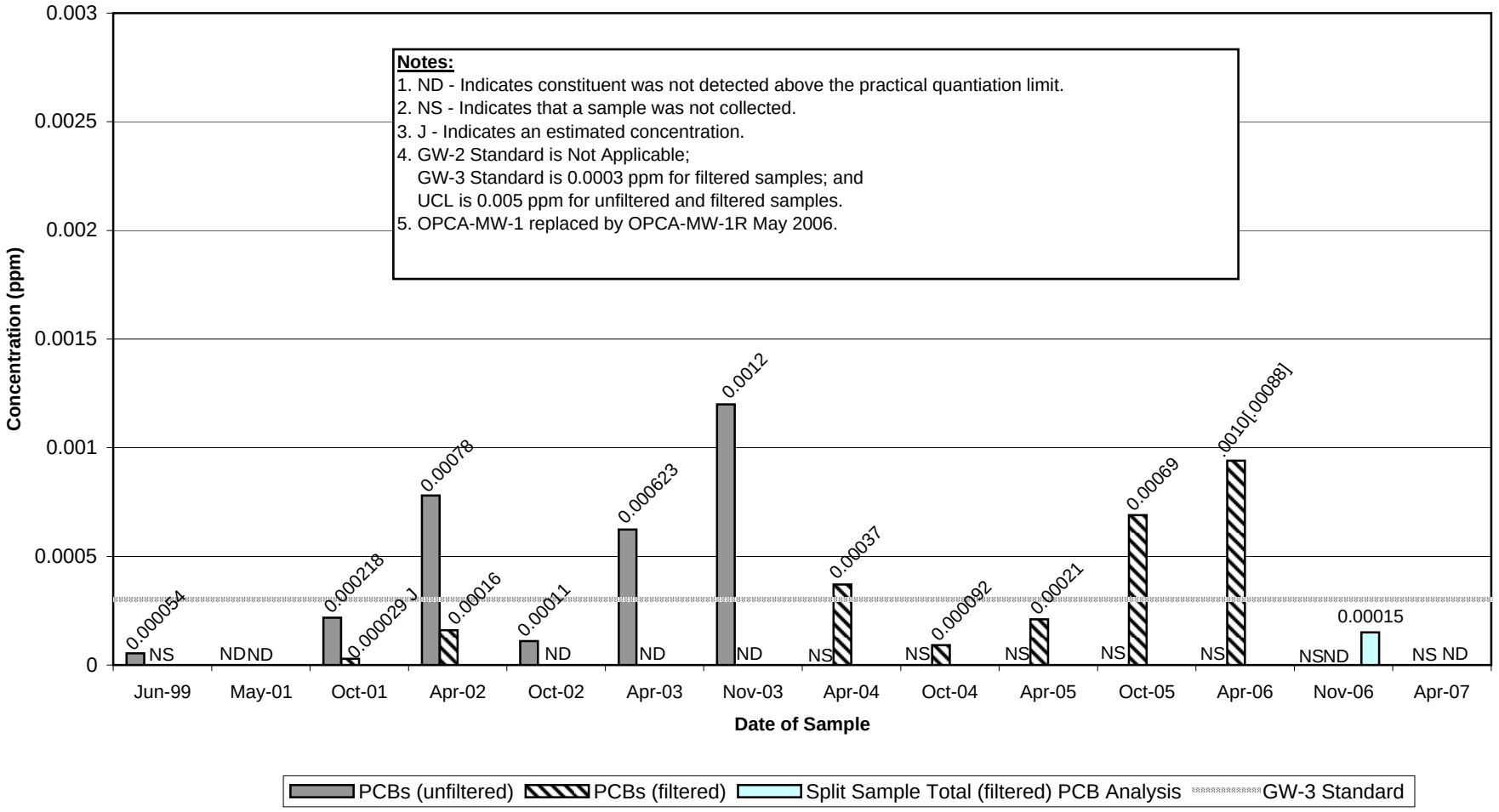
Appendix B
Well H78B-15 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



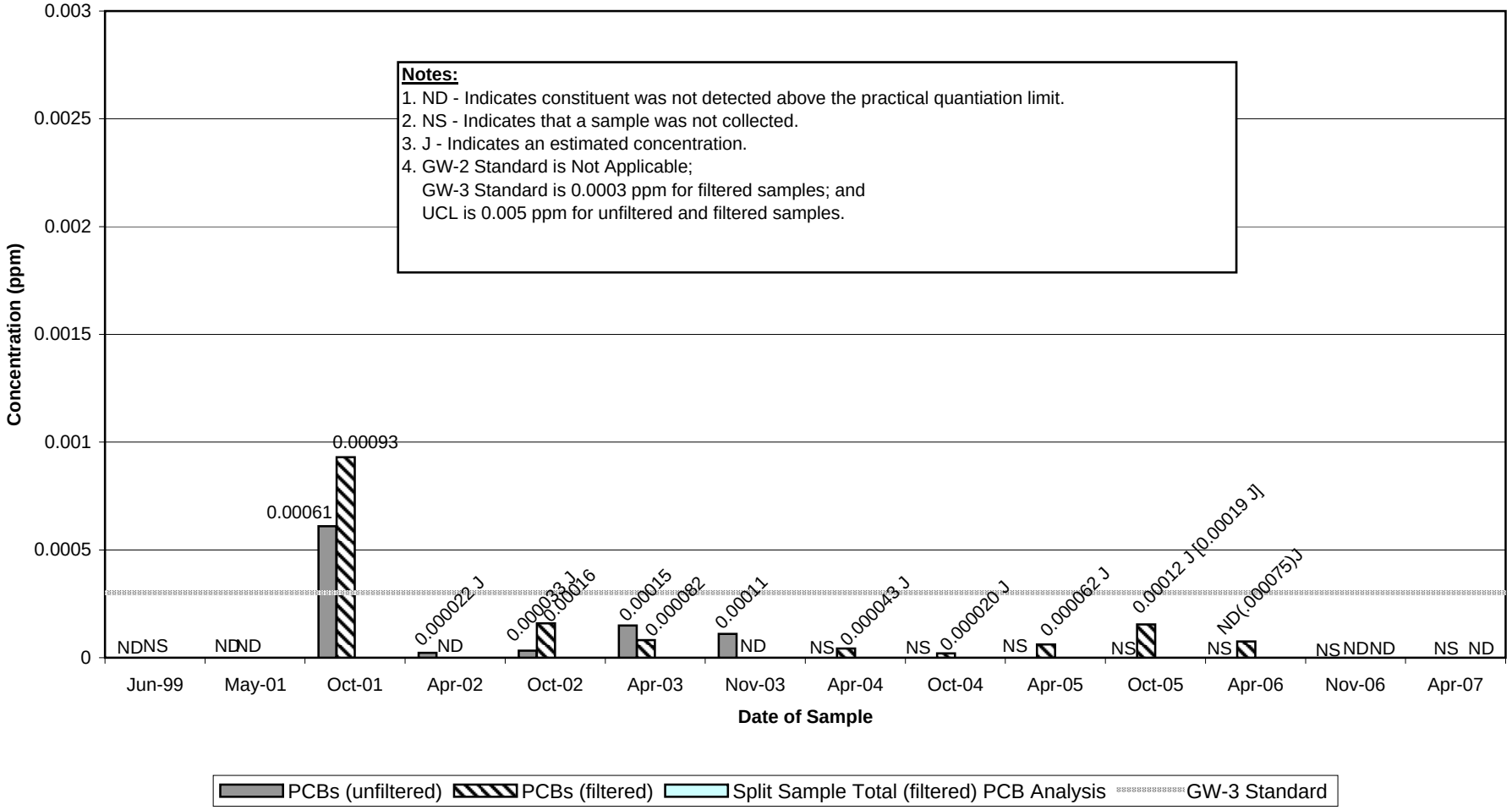
Appendix B
Well OPCA-MW-1/OPCA-MW-1R Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



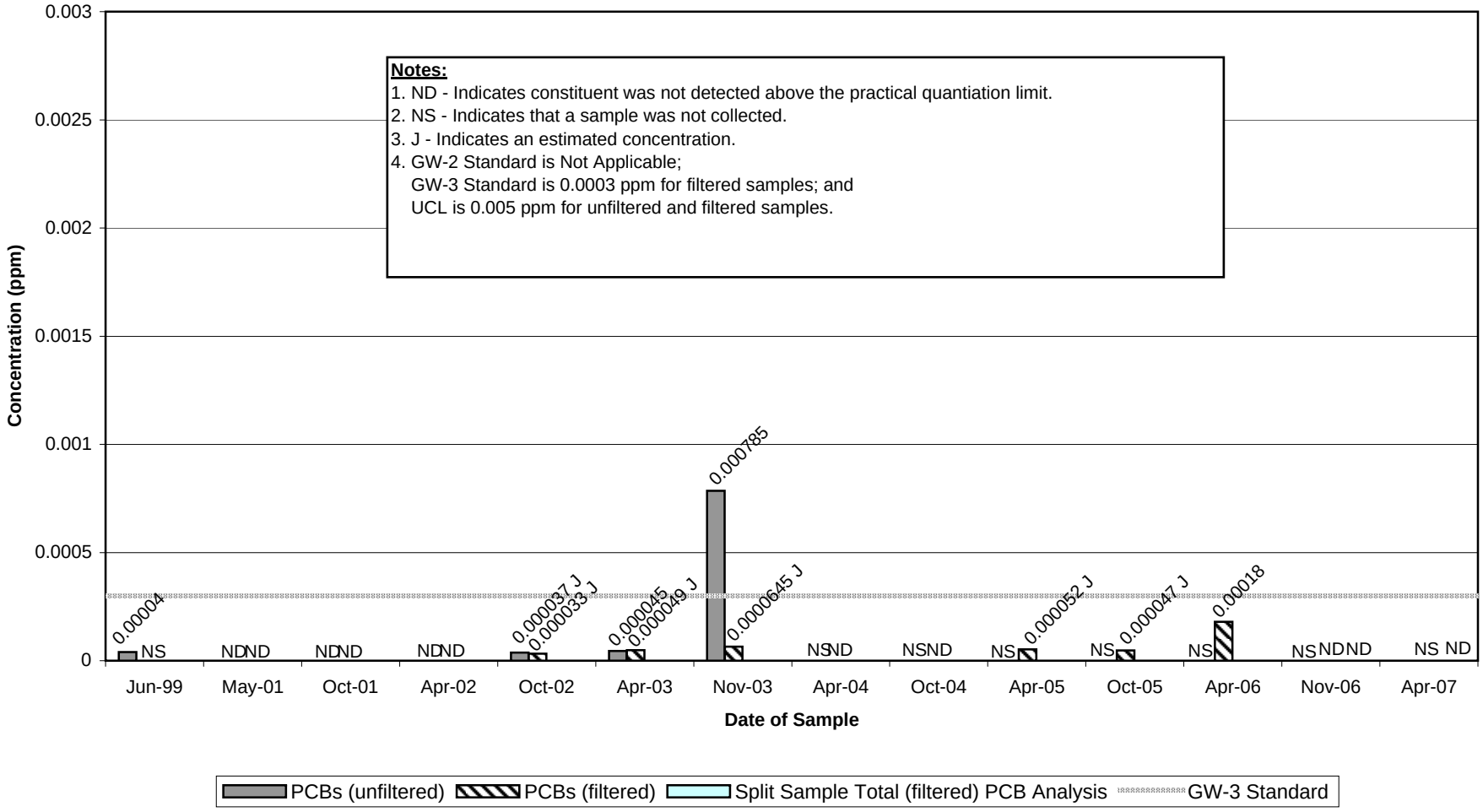
Appendix B
Well OPCA-MW-2 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



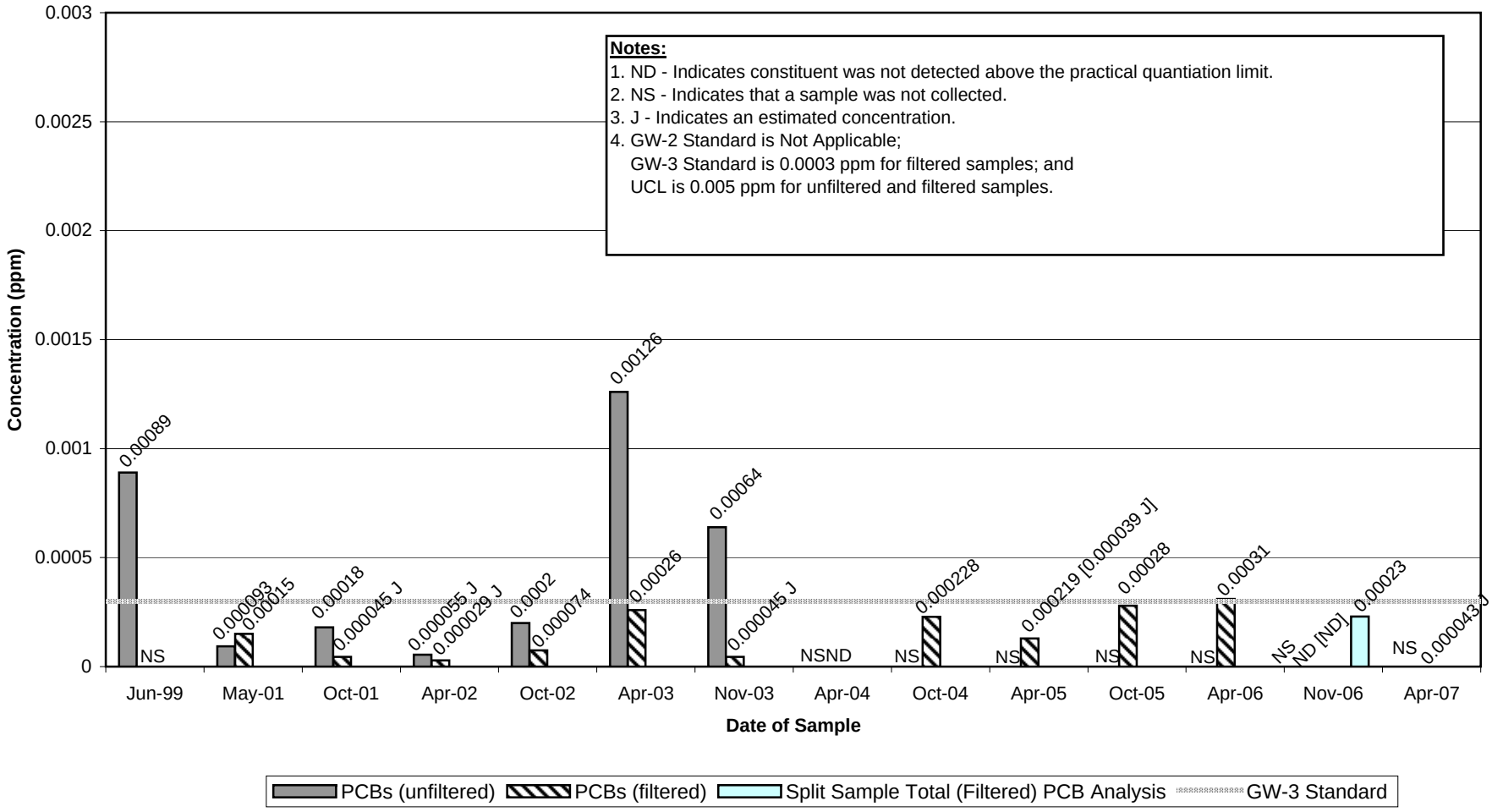
Appendix B
Well OPCA-MW-3 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



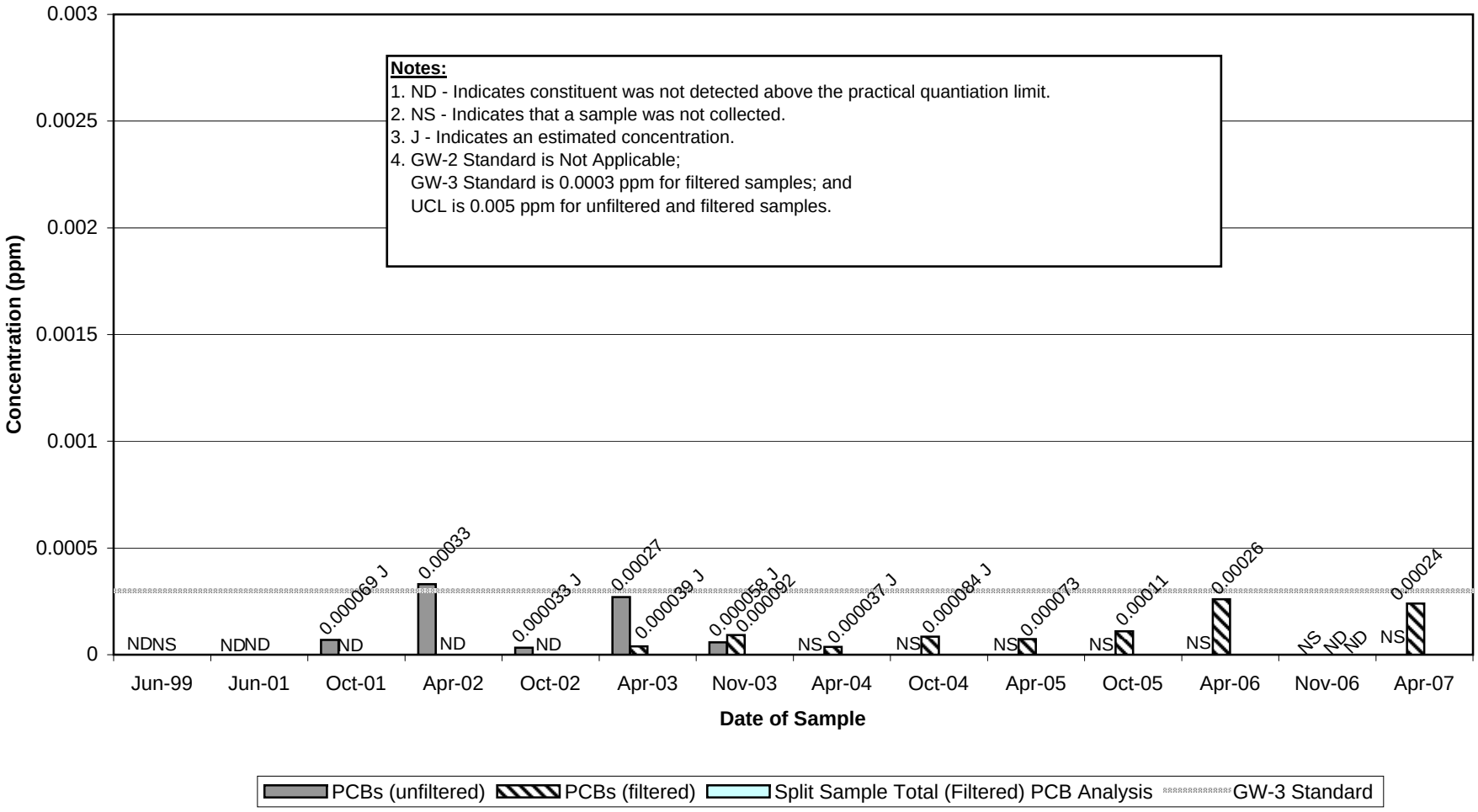
Appendix B
Well OPCA-MW-4 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



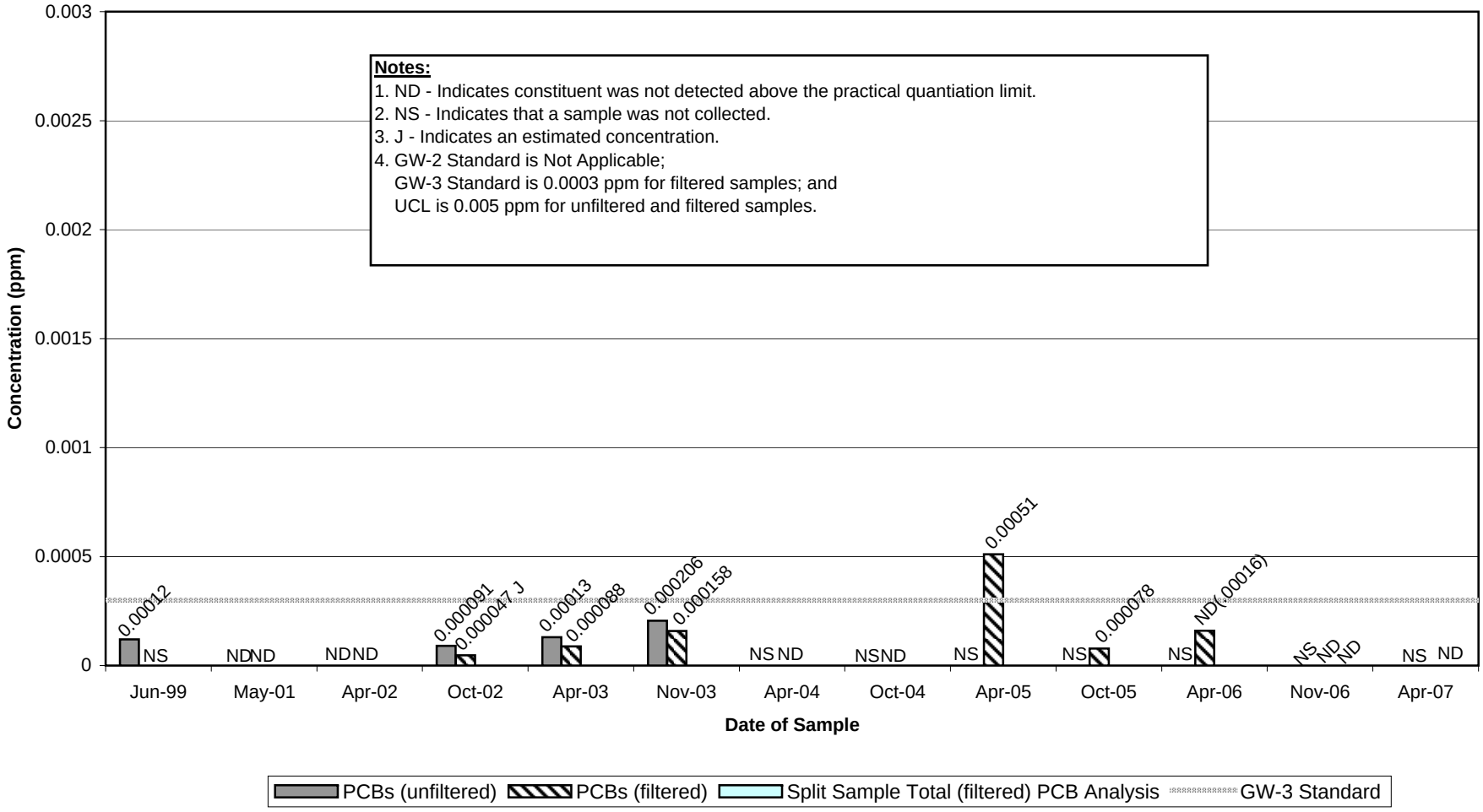
Appendix B
Well OPCA-MW-5R Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



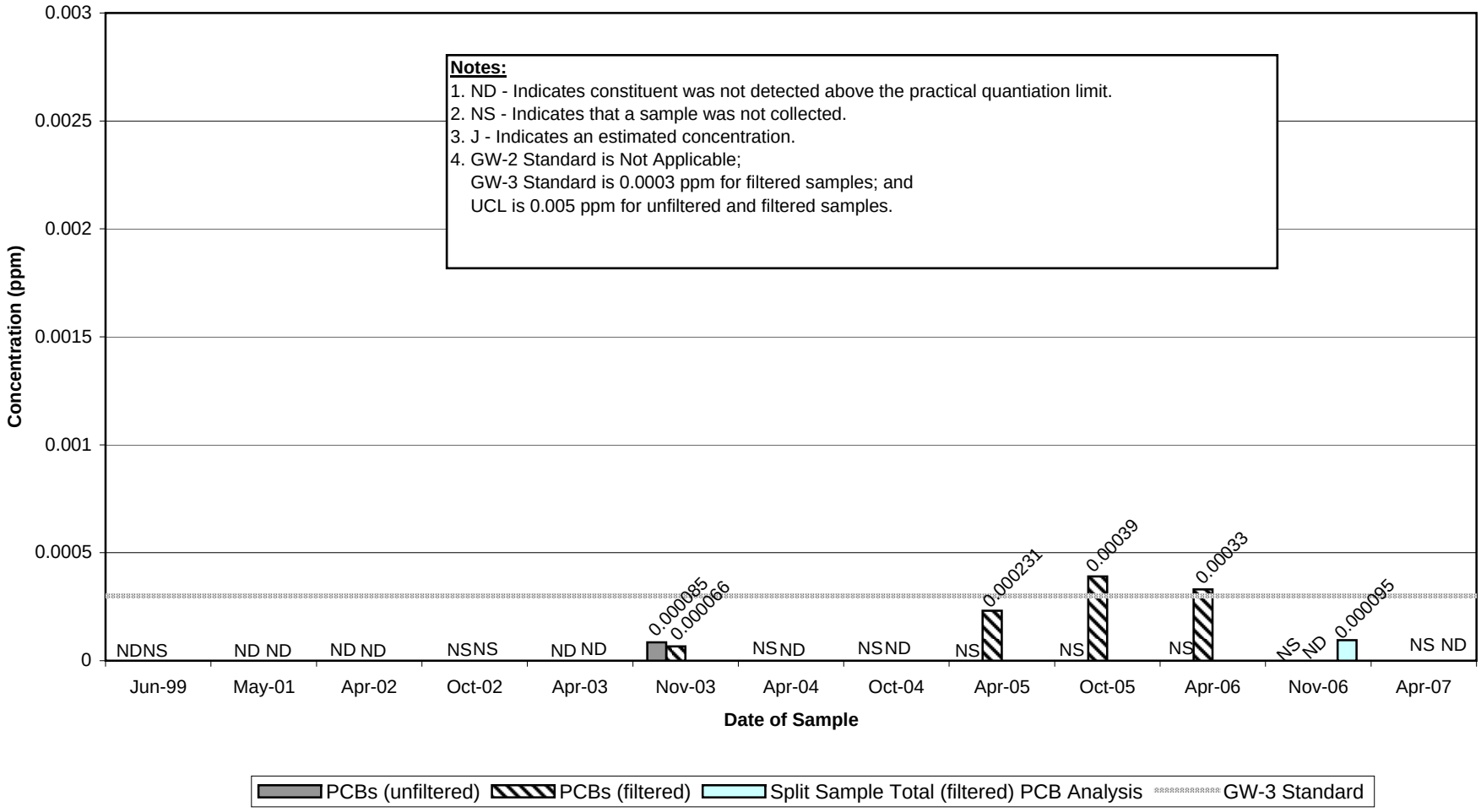
Appendix B
Well OPCA-MW-6 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



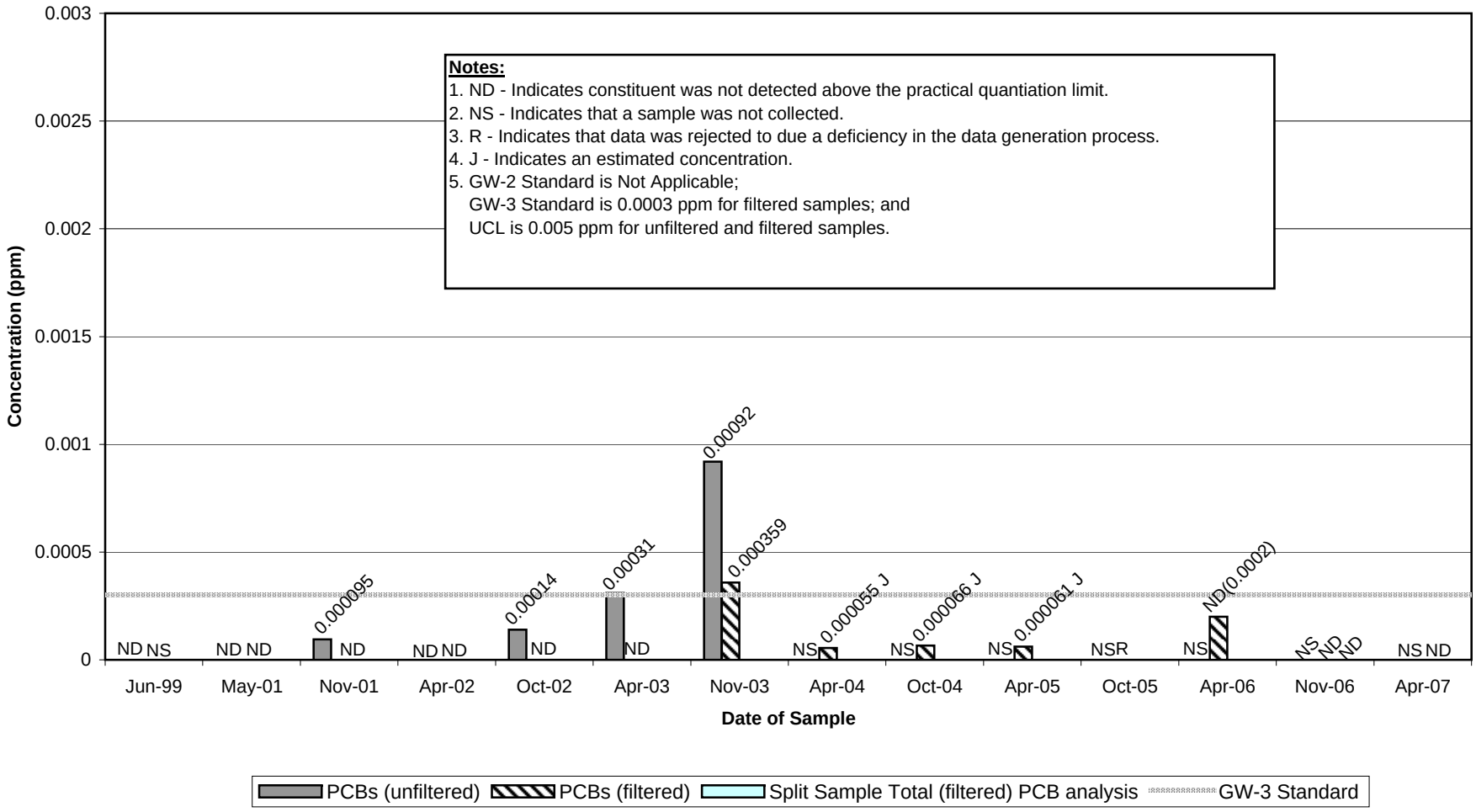
Appendix B
Well OPCA-MW-7 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-8 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



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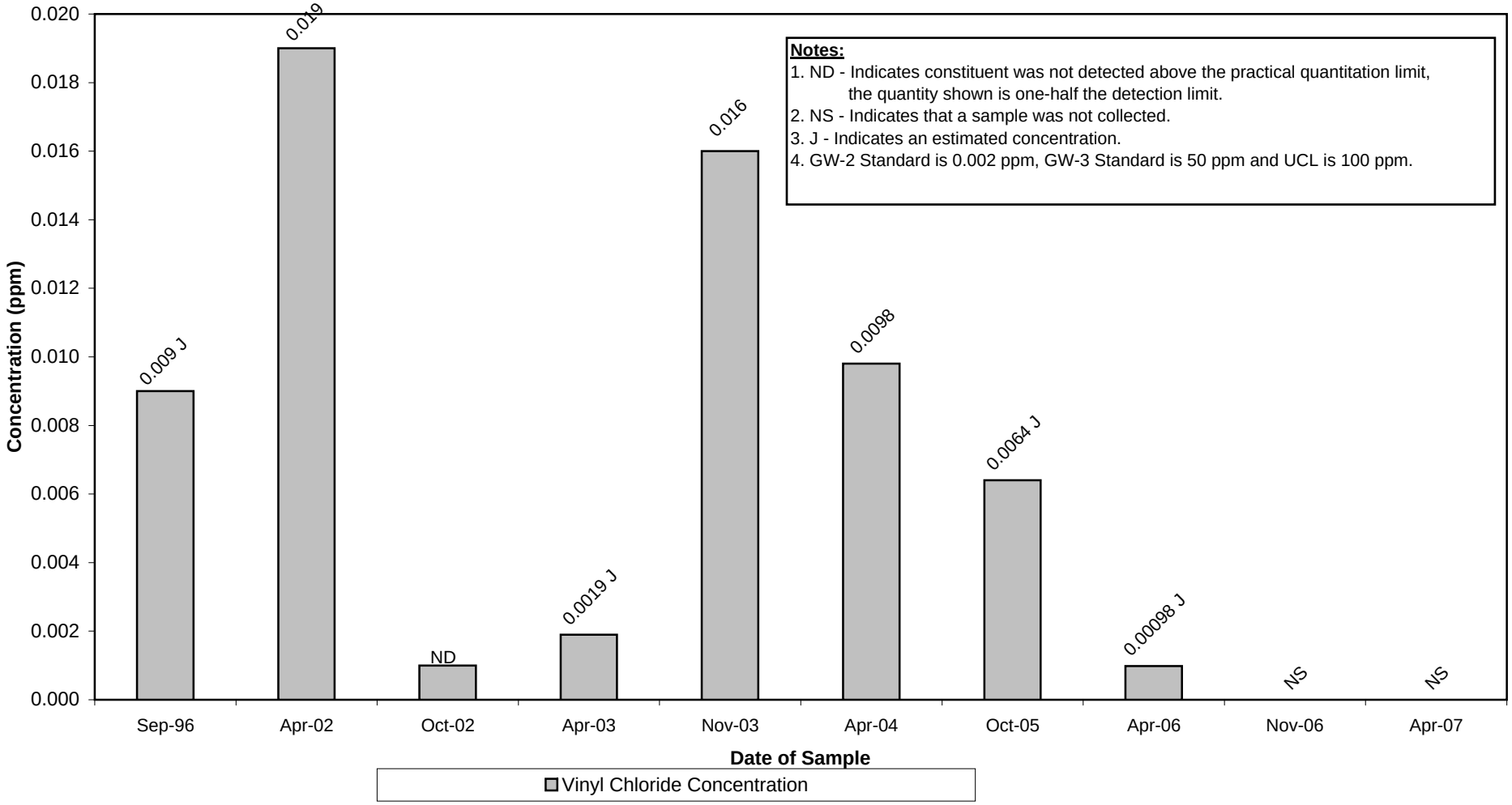
Historical Groundwater Data

Vinyl Chloride Concentrations – Selected Wells

Appendix B
Well H78B-16 Historical Vinyl Chloride Concentrations

Groundwater Management Area 4

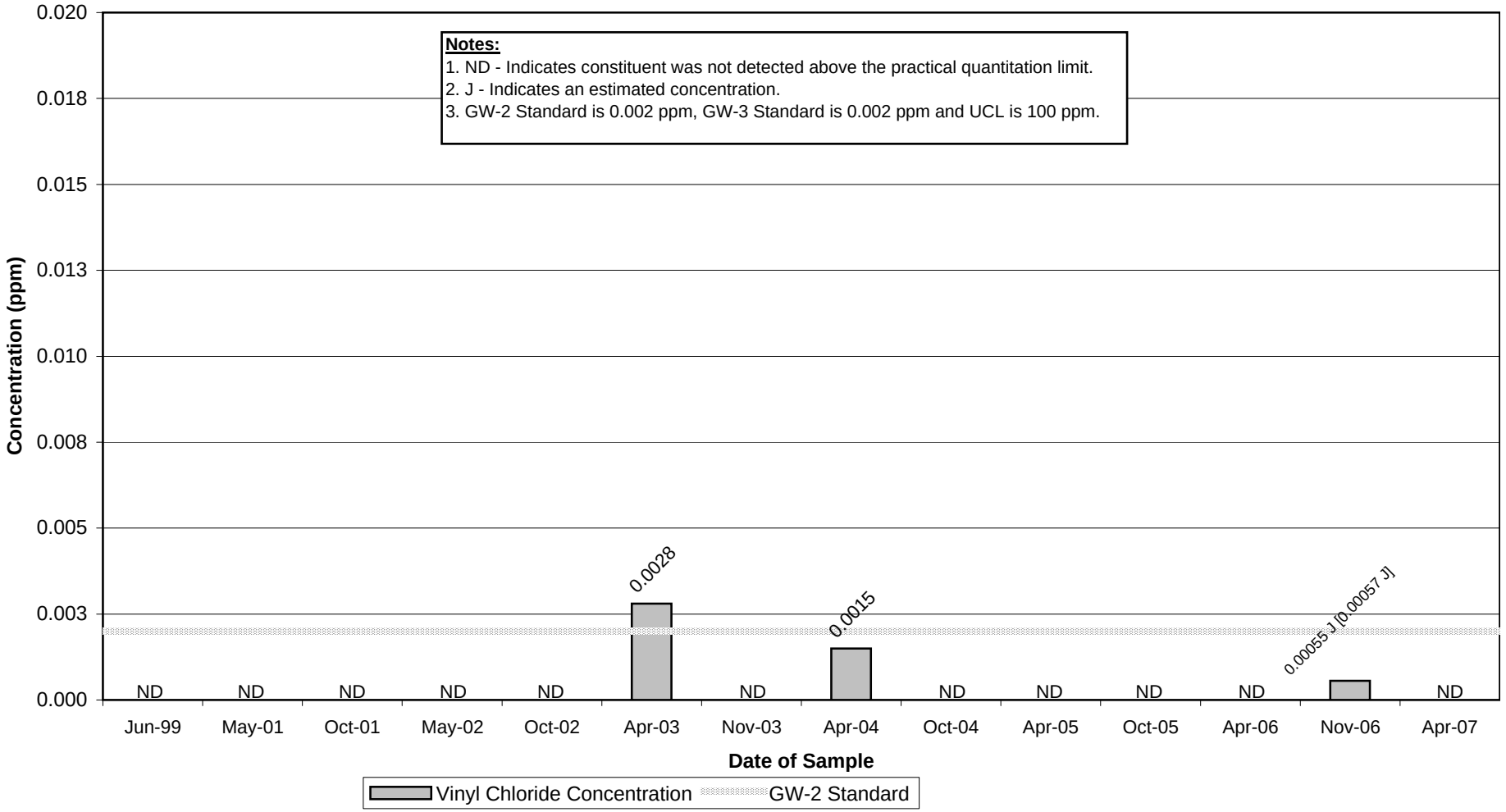
General Electric Company - Pittsfield, Massachusetts



Appendix B
Well OPCA-MW-4 Historical Vinyl Chloride Concentrations

Groundwater Management Area 4

General Electric Company - Pittsfield, Massachusetts



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Appendix C

Pittsfield Generating Company
Groundwater Analytical Data

Table C-1
Summary Of Pittsfield Generating Company Groundwater Data

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

(Results in ppm)

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 6/10/96	ASW-5/W-5* 9/20/96	ASW-5 12/16/96	ASW-5 6/9/97	ASW-5 12/16/97	ASW-5 6/23/98
Volatile Organics								
1,2 - Dichloroethene (total)	None	None	--	--	--	--	--	--
Acetone	50	100	--	--	--	--	--	--
Methylene chloride	50	100	--	0.0050 JB	--	--	--	--
Trichloroethene	20	100	0.016	0.0150	0.014	0.0150	0.0120	0.013
PCBs - Unfiltered								
PCB-1254	None	None	--	--	--	--	--	--
PCB-1260	None	None	--	--	--	--	--	--
Total PCBs	Not Applicable	0.005	--	--	--	--	--	--
PCBs - Filtered								
PCB-1254	None	None	NA	--	NA	NA	NA	NA
PCB-1260	None	None	NA	--	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	--	NA	NA	NA	NA

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 12/29/98	ASW-5 6/21/99	ASW-5 12/13/99	ASW-5 5/31/00	ASW-5 12/26/00	ASW-5 6/20/01
Volatile Organics								
1,2 - Dichloroethene (total)	None	None	--	0.006	--	--	--	--
Acetone	50	100	--	--	--	--	--	--
Methylene chloride	50	100	--	--	--	--	--	--
Trichloroethene	20	100	0.024	0.032	0.026	0.021	0.015	0.016
PCBs - Unfiltered								
PCB-1254	None	None	--	--	--	--	--	--
PCB-1260	None	None	--	--	--	--	--	--
Total PCBs	Not Applicable	0.005	--	--	--	--	--	--
PCBs - Filtered								
PCB-1254	None	None	NA	NA	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA

Table C-1
Summary Of Pittsfield Generating Company Groundwater Data

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

(Results in ppm)

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 12/11/01	ASW-5 6/12/02	ASW-5 12/6/02	ASW-5 6/2/03	ASW-5 12/1/03	ASW-5 6/7/04
Volatile Organics								
1,2 - Dichloroethene (total)	None	None	--	--	--	--	--	--
Acetone	50	100	--	--	--	--	0.017	--
Methylene chloride	50	100	--	--	--	--	--	--
Trichloroethene	20	100	0.013	0.021	0.012	0.022	0.016	0.019
PCBs - Unfiltered								
PCB-1254	None	None	--	--	--	--	--	--
PCB-1260	None	None	--	--	--	--	--	--
Total PCBs	Not Applicable	0.005	--	--	--	--	--	--
PCBs - Filtered								
PCB-1254	None	None	NA	NA	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 12/13/04	ASW-5 6/7/05	ASW-5 12/7/05	ASW-5 6/6/06	ASW-5 12/12/06	ASW-5 6/4/07
Volatile Organics								
1,2 - Dichloroethene (total)	None	None	--	--	--	--	--	--
Acetone	50	100	--	--	--	--	--	--
Methylene chloride	50	100	--	--	--	--	--	--
Trichloroethene	20	100	0.017	0.018	0.018	0.014	0.012	0.0086
PCBs - Unfiltered								
PCB-1254	None	None	--	--	--	--	--	--
PCB-1260	None	None	--	--	--	--	--	--
Total PCBs	Not Applicable	0.005	--	--	--	--	--	--
PCBs - Filtered								
PCB-1254	None	None	NA	NA	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA

Table C-1
Summary Of Pittsfield Generating Company Groundwater Data

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield Massachusetts

(Results in ppm)

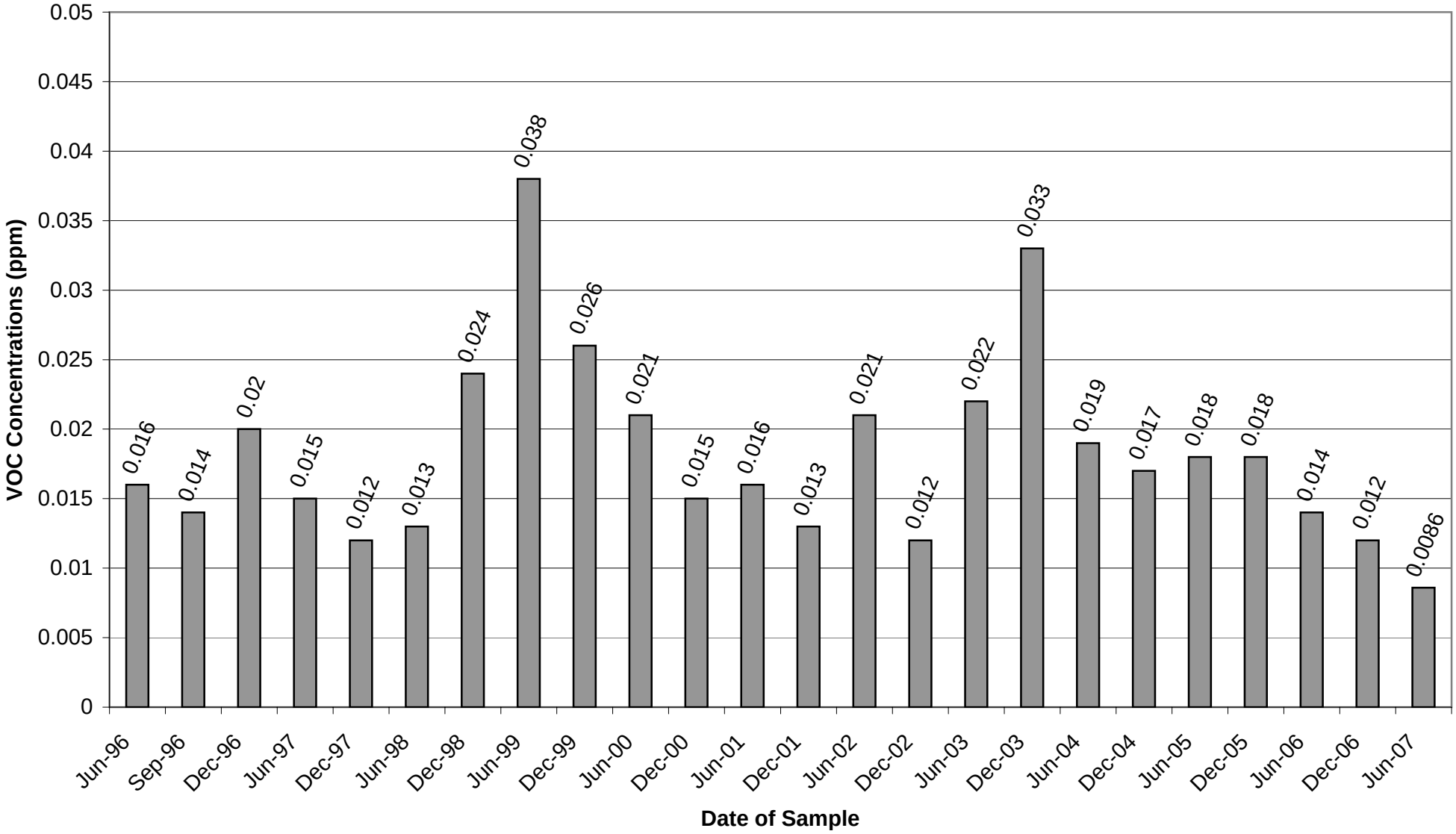
Notes:

1. Only parameters detected in at least one sample are shown.
2. -- Compound was not detected.
3. J - Indicates an estimated value less than the practical quantitation limit (PQL).
4. B - Analyte was also detected in the associated blank.
5. * - Sample was collected by Blasland, Bouck, & Lee, Inc.
6. NA - Not Analyzed

Appendix C

Summary of Pittsfield Generating Company Groundwater Data
Well ASW-5 Historical Total VOC Concentrations

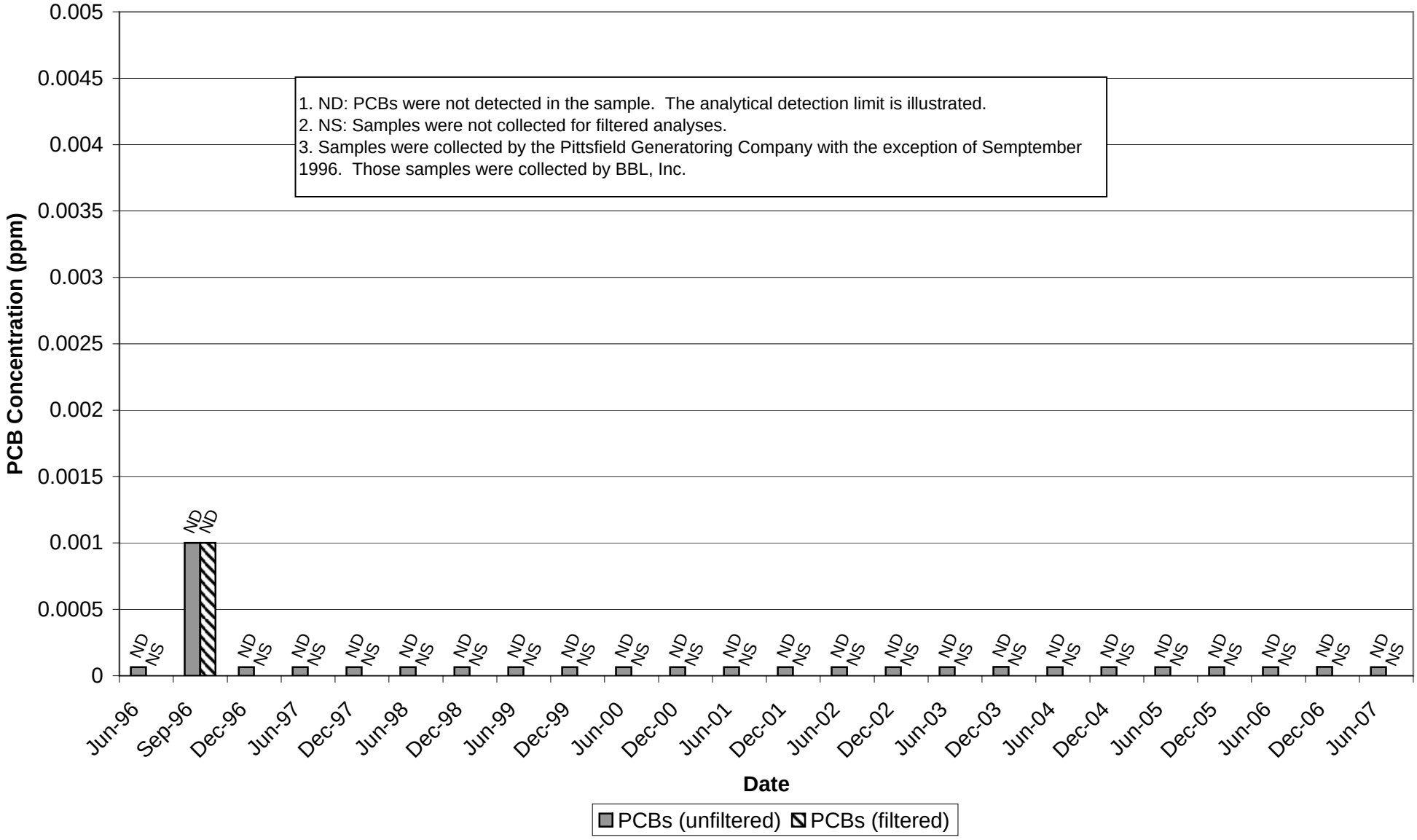
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



Appendix C

Summary of Pittsfield Generating Company Groundwater Data
Well ASW-5 Historical Total PCB Concentrations

Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts



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Appendix D

Field Sampling Data

GROUNDWATER SAMPLING LOG

Well No. 78-1
Key No. ____
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/CMA Name GMA 4 78-1
Sampling Personnel K.C. WRS
Date 4/20/07
Weather 60's Sunny

WELL INFORMATION

Reference Point Marked? Y (N)
Height of Reference Point ____ Meas. From ____
Well Diameter 4"
Screen Interval Depth 5-22 Meas. From Ground
Water Table Depth 6.82 Meas. From TIC
Well Depth 22.22 Meas. From TIC
Length of Water Column 15.40
Volume of Water in Well 10.05 gallons
Intake Depth of Pump/Tubing 21'2.5" Meas. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1000
Sample ID 78-1
Duplicate ID ____
MS/MSD any
Split Sample ID ____

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

Sulfide Unfiltered

EVACUATION INFORMATION

Pump Start Time 905
Pump Stop Time 1040
Minutes of Pumping 96
Volume of Water Removed 5 gallons
Did Well Go Dry? (Y) N

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geo Pump
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH (0.1 units)*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
915	200	0.53	—	—	—	—	7	—	—
920		~~0.79~~	7.21	8.25	7.94	0.615	2	~~3.32~~	160.0
925		1.06	7.29	7.96	7.84	0.610	2	2.91	312.4
930		1.32	7.46	7.18	7.34	0.610	2	2.27	528.8
935		1.59	7.56	7.86	7.00	0.606	2	1.99	587.9
940		1.85	7.70	7.90	6.81	0.605	2	1.75	647.6
945		2.11	7.55	7.87	~~6.86~~	0.604	2	1.69	647.5
950		2.38	7.94	7.91	6.80	~~0.618~~	2	~~1.61~~	649.4

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

C:\WORKDIR\...

GROUNDWATER SAMPLING LOG

Well No. 78-6
Key No.
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4 GE Pittsfield
Sampling Personnel SAB, APS
Date 4/19/07
Weather Overcast, 45°F

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point ______ Meas. From ______
Well Diameter 4"
Screen Interval Depth 3-18 Meas. From Ground
Water Table Depth 5.35 Meas. From TIC
Well Depth 17.48 Meas. From TIC
Length of Water Column 12.13'
Volume of Water in Well 7.92 gallons
Intake Depth of Pump/Tubing ~14' Meas. From TIC

Sample Time 1005
Sample ID 78-6
Duplicate ID [illegible]
MS/MSD 78-6 MS/MSD
Split Sample ID —

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Sulfide (unfiltered)	(X)

EVACUATION INFORMATION

Pump Start Time 905
Pump Stop Time ~~1130~~ 1130
Minutes of Pumping ~~[illegible]~~ 145
Volume of Water Removed 7.66 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geo Pump 2
Samples collected by same method as evacuation? Y (N) (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
910	200	0.26	5.48	—	—	—	33	—	—
915	200	0.53	5.51	—	—	—	57	—	—
920	200	0.79	5.62	5.85	7.33	1.259	47	8.15	78.6
925	200	1.06	5.75	5.33	7.45	1.261	39	7.37	62.4
930	200	1.32	5.94	5.00	7.48	1.248	27	7.06	49.9
935	200	1.59	5.96	5.01	7.45	1.254	27	6.96	48.2
940	200	1.85	5.97	5.14	7.29	1.269	27	6.71	39.[illegible]
945	200	2.11	5.97	5.21	7.26	1.275	25	6.68	38.[illegible]

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No: 78-6

Site/GMA Name: GMA-4
Sampling Personnel: SAB, MPS
Date: 4/19/07
Weather: Overcast, 47°F

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
950	200	2.38	5.97	5.26	7.24	1.279	26	6.52	29.8
955	200	2.64	5.97	5.28	7.23	1.280	26	6.46	26.1
1000	200	2.91	5.97	5.29	7.23	1.281	25	6.41	25.7

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. GMA4-6
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GE Pittsfield GMA4
Sampling Personnel KC, NPS
Date 4/19/07
Weather Part Cloudy low 50s

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point _____ Meas. From _____
Well Diameter 2"
Screen Interval Depth 6 - 11 Meas. From Ground
Water Table Depth 6.36 Meas. From TOC
Well Depth 12.49 Meas. From TOC
Length of Water Column 6.13'
Volume of Water in Well 1.00 gallon
Intake Depth of Pump/Tubing ~10' Meas. From TOC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1005
Sample ID GMA4-6
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Sulfide (unfiltered)	(X)

EVACUATION INFORMATION

Pump Start Time 925
Pump Stop Time 1040
Minutes of Pumping 115
Volume of Water Removed 6.00 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geo Pump
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0925	.200		10.51						
0930	.200		6.50 DF	6.57	6.45	3.226	28		
0935	.200		6.51	6.23	6.24	2.886	28	3.45	232.5
0940	.200		6.51	6.14	6.23	2.584	14	1.43	204.2
0945	.200		6.51	6.28	6.29	2.273	10	1.04	180.5
0950	.200		6.51	6.23	6.38	1.961	7	0.94	165.4
0955	.200		6.51	6.21	6.35	1.831	7	1.10	151.7
1000	.200		6.51	6.19	6.37	1.756	3	1.12	146.6
							3	0.98	141.1

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

C:\HORROGEC\[illegible]

GROUNDWATER SAMPLING LOG

Well No. 478B-15
Key No. EX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4 GE Pittsfield
Sampling Personnel KJC
Date 4-18-07
Weather low 40's, overcast

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ______ Meas. From TIC
Well Diameter 1"
Screen Interval Depth 13-15 Meas. From Ground
Water Table Depth 12.30 Meas. From TIC
Well Depth 18.03 Meas. From TIC
Length of Water Column 5.73
Volume of Water in Well 0.23 gallon
Intake Depth of Pump/Tubing 13.00 Meas. From TIC

Sample Time 1035
Sample ID —
Duplicate ID GMA 4 DUP #1
MS/MSD —
Split Sample ID —

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

EVACUATION INFORMATION

Pump Start Time 9:55
Pump Stop Time 11:55
Minutes of Pumping 120
Volume of Water Removed 6.34 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geo Pump 2
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1000	.200	0.26	12.30	—	—	—	11	—	—
1005	.200	0.53	12.30	5.69	6.68	.657	2	12.42	242.2
1010	.200	0.79	12.31	5.34	6.71	.656	1	12.13	242.7
1015	.200	1.06	12.31	5.36	6.75	.649	1	11.67	242.6
1020	.200	1.32	↓	5.42	6.65	.646	1	11.56	243.4
1025	.200	1.59	↓	5.48	6.68	.643	0	11.49	243.2
1030	.200	1.85	↓	5.51	6.70	.640	0	11.47	243.6

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

12.31

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW01R
Key No. —
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/CMA Name GE Pittsfield
Sampling Personnel KIC, DPS
Date 4/19/07
Weather Sunny mid 50's

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point — Meas. From —
Well Diameter: 2"
Screen Interval Depth 10-25 Meas. From Ground
Water Table Depth 9.05 Meas. From TIC
Well Depth 24.48 Meas. From TIC
Length of Water Column 15.43'
Volume of Water in Well 2.5 gallons
Intake Depth of Pump/Tubing ~17' Meas. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1510
Sample ID OPCA-MW01R
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

Sulfide (unfiltered)

EVACUATION INFORMATION

Pump Start Time 1415
Pump Stop Time ~~1500~~ 1600
Minutes of Pumping 105
Volume of Water Removed 5.5 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geopump 3
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1415	.200	—	2.38	—	—	—	47	—	—
1420		0.26	3.26	10.55	7.42	2.527	38	12.10	140.8
1426		0.53	3.61	10.16	7.15	2.662	25	7.16	147.9
1430		0.79	3.73	10.22	7.11	2.869	21	6.58	145.4
1436		1.06	3.82	10.38	7.11	2.914	14	6.28	143.0
1440		1.32	3.92	10.54	7.12	3.007	12	6.05	137.7
1445		1.59	3.98	10.54	7.16	3.111	10	6.25	133.2
1450	V	1.85		10.50	7.16	3.162	12	6.14	130.8

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: TGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA - MW 1R

Site/GMA Name
Sampling Personnel
Date
Weather

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1455	1.200	2.11		10.62	7.14	3.263	10	6.12	125.1
1500	↓	2.38		10.71	7.18	3.274	9	6.22	124.5
1505	↓	2.64		10.65	7.20	3.307	9	6.18	121.5

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-2
Key No.
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel SAS
Date 4/19/07
Weather Sunny 50°F

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point ____ Meas. From ____
Well Diameter 2"
Screen Interval Depth 13-23' Meas. From Ground
Water Table Depth 15.41 Meas. From TIC
Well Depth 25.31 Meas. From TIC
Length of Water Column 9.90
Volume of Water in Well 1.62 gallons
Intake Depth of Pump/Tubing 16 Meas. From TIC

Sample Time 1448
Sample ID OPCA-MW-2
Duplicate ID
MS/MSD
Split Sample ID

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

EVACUATION INFORMATION

Pump Start Time 1400
Pump Stop Time 1550
Minutes of Pumping 110
Volume of Water Removed 5.80 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geo Pump
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1400	200	—	15.47	—	—	—	3	—	—
1406	200	0.26	15.53	11.00	7.42	0.774	8	5.80	207.5
1410	200	0.53	15.57	9.70	7.57	0.766	7	5.29	205.5
1415	200	0.79	15.59	8.90	7.70	0.764	6	5.24	205.5
1420	200	1.06	15.64	8.57	7.84	0.759	4	5.13	205.9
1425	200	1.32	15.64	8.33	7.82	0.759	3	5.05	204.9
1430	200	1.59	15.69	8.12	7.99	0.760	2	4.97	205.9
1435	200	1.85	15.71	8.10	7.90	0.759	2	5.06	205.8

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-2

Site/GMA Name GMA-4
Sampling Personnel JAB
Date 4/19/07
Weather Sunny, 60°F

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1440	200	2.11	15.74	8.08	7.87	0.759	2	5.04	205.9

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. DPCA-MW3
Key No. —
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/CMA Name CMA-4
Sampling Personnel SAS
Date 4/26/07
Weather Sunny 50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point — Meas. From —
Well Diameter 2"
Screen Interval Depth 18-28 Meas. From Ground
Water Table Depth 18.42 Meas. From TIC
Well Depth 27.40 Meas. From TIC
Length of Water Column 8.98
Volume of Water in Well 1.47 gallons
Intake Depth of Pump/Tubing ~22 Meas. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1030
Sample ID DPCA-MW-3
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
(X)	PCBs (Total)	(X)
( )	PCBs (Dissolved)	( )
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 925
Pump Stop Time 1110
Minutes of Pumping 105
Volume of Water Removed 5.5 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: Marschalk - System One
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH (0.1 units)*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
925	200	0	18.49	—	—	—	85	—	—
930	200	1000	18.67	—	—	—	87	—	—
935	200	2000	18.79	—	—	—	32	—	—
940	200	3000	18.79	9.37	5.85	0.758	26	1.61	256.6
945	200	4000	18.80	9.38	5.78	0.754	27	0.65	251.2
950	200	5000	18.81	9.40	5.79	0.754	23	0.75	245.3
955	200	6000	18.81	9.41	5.81	0.754	20	0.78	240.8
1000	200	7000	18.81	9.79	5.89	0.749	21	1.20	230.4

* The stabilization criteria for each field parameter (three consecutive readings collected at 5- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: TGJ
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW 3

Site/GMA Name GMA-4
Sampling Personnel SAB
Date 4/26/07
Weather Sunny, 50°F

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1005	200	8000	18.81	9.64	5.87	0.752	17	0.92	226.6
1010	200	9000	18.80	10.02	5.92	0.746	16	0.66	220.7
1015	200	10000	18.81	10.07	5.94	0.747	15	0.61	218.1
1020	200	11000	18.81	10.09	5.95	0.746	15	0.59	217.6
1025	200	12000	18.81	10.08	5.96	0.746	14	0.57	218.3

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW4
Key No. —
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel SMB/MPS
Date 4/18/07
Weather Overcast, Breezy, Breezy, 40°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point — Measr. From —
Well Diameter 2"
Screen Interval Depth 12-22 Measr. From Ground
Water Table Depth 12.09 Measr. From TIC
Well Depth 21.56 Measr. From TIC
Length of Water Column 9.47'
Volume of Water in Well 1.54 gallons
Intake Depth of Pump/Tubing 17' Measr. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1430
Sample ID OPCA-MW4
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

EVACUATION INFORMATION

Pump Start Time 1340
Pump Stop Time 1540
Minutes of Pumping 120
Volume of Water Removed —
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (✓) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geopump 2
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH (0.1 units)*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1340	200	—	12.51	—	—	—	55	—	—
1345	200	0.26	12.77	—	—	—	31	—	—
1350	200	0.53	12.92	6.64	6.30	0.691	23	7.50	182.2
1355	200	0.79	13.13	6.47	6.10	0.703	19	5.54	181.8
1400	200	1.06	13.29	6.37	6.13	0.711	14	5.09	176.0
1405	200	1.32	13.48	6.35	6.16	0.711	14	4.93	171.7
1410	200	1.59	13.69	6.38	6.20	0.710	13	4.76	167.3
1415	200	1.85	13.96	6.39	6.23	0.710	12	4.58	165.1

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS —

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. OKA-MW-4

Site/GMA Name GMA-4
Sampling Personnel SAB, MPS
Date 4/18/07
Weather

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1420	200	2.11	14.22	6.42	6.28	0.710	11	4.39	163.3
1425	200	2.38	14.54	6.45	6.80	0.710	12	4.38	161.7

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW5R
Key No. —
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield
Sampling Personnel KIC
Date 4/18/07
Weather Cloudy, mid 40's, drizzle.

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point TIC Meas. From TIC
Well Diameter 2"
Screen Interval Depth 11.25-21.25 Meas. From TIC
Water Table Depth 11.19 Meas. From TIC
Well Depth 21.47 Meas. From TIC
Length of Water Column 10.28
Volume of Water in Well 1.68 gallons
Intake Depth of Pump/Tubing 16' Meas. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1430
Sample ID OPCA-MW5R
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1325
Pump Stop Time 1505
Minutes of Pumping 100
Volume of Water Removed 5.25 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( ) Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geo Pump 2
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1330	.200	0.26					45		
~~1335~~	~~.200~~								
1335	.200	0.53	12.37	6.91	6.56	.482	26	10.25	214.1
1340	.200	0.79	12.64	6.91	6.53	.519	27	9.88	212.8
1345	.200	1.06	13.04	6.99	6.53	.543	18	9.20	211.4
1350	.200	1.32	13.30	7.01	6.51	.548	23	8.71	210.4
1355	.200	1.59	13.70	7.89	6.51	.515	18	7.81	209.1
1400	.200	1.85	13.92	6.95	6.55	.423	15	6.49	210.2

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No: OPCA-MW5R

Site/GMA Name: GE Pittsfield
Sampling Personnel: KJC
Date: 4/18/07
Weather: Cloudy, mid 40's, drizzle

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1405	.200	2.11	14.26	6.95	6.54	.361	16	5.59	208.9
1410	.200	2.38	14.55	7.01	6.50	.319	12	4.98	208.1
1415	.200	2.64	14.83	7.03	6.42	.288	9	4.90	208.7
1420	.200	2.91	14.98	7.06	6.35	.273	8	4.88	208.6
1425	.200	3.17	15.18	7.08	6.34	.272	8	4.70	208.4

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 6-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW16
Key No.
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/SWMA Name SWMU 4
Sampling Personnel SAB / NBS
Date 4/15/03
Weather Overcast, windy, 40°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ____ Meas. From TIC
Well Diameter 2"
Screen Interval Depth 15-25' Meas. From Ground
Water Table Depth 14.91 Meas. From TIC
Well Depth 23.84 Meas. From TIC
Length of Water Column 8.93'
Volume of Water in Well 1.46 gallons
Intake Depth of Pump/Tubing 19' Meas. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1055
Sample ID OPCA-MW16
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Sulfide.	(X)

EVACUATION INFORMATION

Pump Start Time 955
Pump Stop Time 1145
Minutes of Pumping 110
Volume of Water Removed 5-8 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: Masterflex - System One
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Number: YSI - 556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH (0.1 units)*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
955	200	—	14.86	—	—	—	4	—	—
1000	200	0.26	15.08	8.47	5.66	0.620	10	10.06	253.0
1005	200	0.53	15.15	8.31	5.89	0624	7	9.01	229.4
1010	200	0.79	15.19	8.20	5.98	0.624	6	8.57	215.2
1015	200	1.06	15.24	8.16	6.08	0.625	7	8.33	206.3
1020	200	1.32	15.26	8.15	6.14	0.628	7	8.07	197.6
1025	200	1.59	15.30	8.13	6.19	0.634	8	7.69	186.5
1030	200	1.85	15.33	8.15	6.19	0.637	8	7.19	181.9

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: TAL
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW6

Site/GMA Name GMA-4
Sampling Personnel SAB, NPS
Date 4/18/07
Weather Overcast, Windy 48°F

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1035	200	2.11	15.36	8.19	6.22	0.644	9	6.97	175.1
1040	200	2.38	15.36	8.28	6.27	0.652	9	6.72	170.4
1045	200	2.64	15.37	8.29	6.29	0.654	8	6.63	164.5
1050	200	2.91	15.38	8.27	6.30	0.655	8	6.61	161.9

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW7
Key No.
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield GMA 4
Sampling Personnel KIC, NPS
Date 4/19/07
Weather Part Cloudy low 60's

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point ______ Meas. From ______
Well Diameter 2"
Screen Interval Depth 14-24 Meas. From Ground
Water Table Depth 19.33 Meas. From T/C
Well Depth 23.51 Meas. From T/C
Length of Water Column 4.18
Volume of Water in Well 0.68 gallon
Intake Depth of Pump/Tubing 21' Meas. From T/C

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y N

Sample Time 1125
Sample ID OPCA-MW7
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
( )	Metals/Inorganics (Dissolved)	( )
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Mn – Sulfide (Filtered)	(X)

EVACUATION INFORMATION

Pump Start Time 1055
Pump Stop Time 1205
Minutes of Pumping ~~60~~ 70
Volume of Water Removed 2.75 gallons
Did Well Go Dry? Y (N) (Almost)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: Geopump
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100 P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1055	.150	—	19.65	—	—	—	10	—	—
1100	.150	0.20	19.73	9.37	6.42	0.641	9	7.01	138.6
1105	.150	0.40	20.03	9.50	6.33	0.755	9	6.83	137.2
1110	.150	0.59	20.12	9.49	6.33	0.761	11	3.70	136.7
1115	.150	0.79	20.30	9.53	6.34	0.789	10	3.56	134.3
1120	.150	0.99	20.45	9.57	6.36	0.828	9	3.61	131.6

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

(C)

Well No. OPCA MW-8
Key No.
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield (GMA 4)
Sampling Personnel MC, SAB, NDB
Date 4/17/07
Weather Cool, Mid 30's, slight drizzle

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point Grade Meas. From TIC
Well Diameter 2"
Screen Interval Depth 13.5-23.5 Meas. From TIC
Water Table Depth 7.50 Meas. From TIC
Well Depth 21.61 Meas. From TIC
Length of Water Column 14.11
Volume of Water in Well 2.30 gallons
Intake Depth of Pump/Tubing 16.00 Meas. From TIC

Reference Point Identification:
TIC: Top of Inner (PVC) Casing
TOC: Top of Outer (Protective) Casing
Grade/BGS: Ground Surface

Redevelop? Y (N)

Sample Time 1635
Sample ID OPCA MW-8
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
( )	EPA Cyanide (Dissolved)	( )
(X)	PAC Cyanide (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	(X)
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

Other (Specify): Sulfide (unfiltered)

EVACUATION INFORMATION

Pump Start Time 1440
Pump Stop Time 1650
Minutes of Pumping 130 min.
Volume of Water Removed 6.87 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: Marschalk System One
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1440	200	—	6.42				182		
1445	200	0.26	9.21				351		
1450	200	0.53	10.18				250		
1455	200	0.79	11.19				171		
1500	200	1.06	11.01				116		
1505	200	1.32	12.00				91		
1510	200	1.59	12.13				90		
1515	200	1.85	12.45				60		

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA MW-8

Site/GMA Name GE Pittsfield GMA 4
Sampling Personnel KIC, SAB, WP3
Date 4/17/07
Weather Cool, Mid 30's Slight wind

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1520	0.20	2.11	13.06				59		
1525		2.38	13.25				50	11.85	
1530		2.64	13.30	6.93	8.16	0.293	39	~~10.3~~	153.5
1535		2.91	13.34	6.80	8.02	0.288	~~40~~	8.03	152.5
1540		3.17	13.34	6.95	8.05	.273	93	9.50	152.8
1545		3.43	13.34						
~~1550~~									
1605		4.49	13.62	7.26	8.06	.228	45	11.16	157.0
1610		4.76	13.62	7.08	8.02	.228	50	8.58	159.0
1615		5.02	13.72	7.15	8.43	.229	47	8.01	160.50
1620		5.28	13.66	7.15	8.37	.227	42	8.01	160.50
1625		5.55	13.67	7.16	8.26	.227	39	8.00	161.60
1630	↓	5.81	13.70	7.05	8.16	0.228	37	7.97	162.6

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

☆ Unhooked YSI @ 1545 due to high turbidity
** 1600; hooked up YSI turbidity = 48

ARCADIS BBL

Appendix E

Groundwater Elevation/NAPL
Monitoring Data – Spring 2007

Table E-1
Spring 2007 Groundwater Elevation Data

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (feet AMSL)	Date	Depth to Water (ft BMP)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Groundwater Elevation (feet AMSL)
060B-R	1,002.79	4/24/07	13.65	0.00	0.00	989.14
78-1	1,026.32	1/17/2007	7.95	0.00	0.00	1,018.37
78-1	1,026.32	4/20/07	6.82	0.00	0.00	1,019.50
78-1	1,026.32	4/24/2007	7.51	0.00	0.00	1,018.81
78-2	1,033.96	1/17/2007	9.60	0.00	0.00	1,024.36
78-2	1,033.96	4/24/2007	7.61	0.00	0.00	1,026.35
78-3	1,007.13	4/24/2007	15.14	0.00	0.00	991.99
78-4	998.55	4/24/2007	11.23	0.00	0.00	987.32
78-5R	997.36	4/24/2007	4.49	0.00	0.00	992.87
78-6	1,012.00	1/17/2007	6.10	0.00	0.00	1,005.90
78-6	1,012.00	4/19/2007	5.35	0.00	0.00	1,006.65
78-6	1,012.00	4/24/07	5.84	0.00	0.00	1,006.16
GMA4-1	1,012.35	4/24/2007	21.64	0.00	0.00	990.71
GMA4-2	1,006.22	4/24/2007	11.80	0.00	0.00	994.42
GMA4-3	1,003.95	1/17/2007	17.40	0.00	0.00	986.55
GMA4-3	1,003.95	2/27/2007	18.00	0.00	0.00	985.95
GMA4-3	1,003.95	3/27/2007	17.55	0.00	0.00	986.40
GMA4-3	1,003.95	4/24/2007	16.10	0.00	0.00	987.85
GMA4-3	1,003.95	5/29/2007	16.85	0.00	0.00	987.10
GMA4-3	1,003.95	6/26/2007	17.50	0.00	0.00	986.45
GMA4-4	999.64	1/17/2007	12.02	0.00	0.00	987.62
GMA4-4	999.64	4/24/2007	8.91	0.00	0.00	990.73
GMA4-6	1,009.12	1/17/2007	7.18	0.00	0.00	1,001.94
GMA4-6	1,009.12	4/19/2007	6.35	0.00	0.00	1,002.77
GMA4-6	1,009.12	4/24/2007	6.60	0.00	0.00	1,002.52
H78B-13R	992.93	4/24/2007	8.72	0.00	0.00	984.21
H78B-15	1,012.68	4/18/2007	12.30	0.00	0.00	1,000.38
H78B-15	1,012.68	4/24/2007	12.65	0.00	0.00	1,000.03
H78B-16	999.33	4/24/2007	11.00	0.00	0.00	988.33
H78B-17	1,002.54	4/24/2007	16.19	0.00	0.00	986.35
H78B-17R	1,000.31	4/24/2007	12.72	0.00	0.00	987.59
NY-3	1,005.49	1/17/2007	15.21	0.00	0.00	990.28
NY-3	1,005.49	4/24/2007	14.31	0.00	0.00	991.18
NY-4	1,024.24	1/17/2007	7.90	0.00	0.00	1,016.34
NY-4	1,024.24	4/24/2007	7.98	0.00	0.00	1,016.26
OPCA-MW-1R	1,016.46	1/17/2007	3.48	0.00	0.00	1,012.98
OPCA-MW-1R	1,016.46	4/19/2007	9.05	0.00	0.00	1,007.41
OPCA-MW-1R	1,016.46	4/24/2007	3.41	0.00	0.00	1,013.05
OPCA-MW-2	1,019.58	1/17/2007	16.50	0.00	0.00	1,003.08
OPCA-MW-2	1,019.58	4/19/2007	15.41	0.00	0.00	1,004.17
OPCA-MW-2	1,019.58	4/24/2007	15.87	0.00	0.00	1,003.71

Table E-1
Spring 2007 Groundwater Elevation Data

Groundwater Quality Monitoring Interim Report for Spring 2007
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (feet AMSL)	Date	Depth to Water (ft BMP)	LNAPL Thickness (feet)	DNAPL Thickness (feet)	Groundwater Elevation (feet AMSL)
OPCA-MW-3	1,014.83	1/17/2007	19.80	0.00	0.00	995.03
OPCA-MW-3	1,014.83	4/20/2007	18.42	0.00	0.00	996.41
OPCA-MW-3	1,014.83	4/24/2007	18.31	0.00	0.00	996.52
OPCA-MW-4	1,018.67	1/17/2007	12.15	0.00	0.00	1,006.52
OPCA-MW-4	1,018.67	4/18/2007	12.09	0.00	0.00	1,006.58
OPCA-MW-4	1,018.67	4/24/2007	11.50	0.00	0.00	1,007.17
OPCA-MW-5R	1,016.34	1/17/2007	11.25	0.00	0.00	1,005.09
OPCA-MW-5R	1,016.34	4/18/2007	11.19	0.00	0.00	1,005.15
OPCA-MW-5R	1,016.34	4/24/2007	10.78	0.00	0.00	1,005.56
OPCA-MW-6	1,022.31	1/17/2007	17.44	0.00	0.00	1,004.87
OPCA-MW-6	1,022.31	4/18/2007	14.91	0.00	0.00	1,007.40
OPCA-MW-6	1,022.31	4/24/2007	15.27	0.00	0.00	1,007.04
OPCA-MW-7	1,026.57	1/17/2007	18.90	0.00	0.00	1,007.67
OPCA-MW-7	1,026.57	4/19/2007	19.33	0.00	0.00	1,007.24
OPCA-MW-7	1,026.57	4/24/2007	18.21	0.00	0.00	1,008.36
OPCA-MW-8	1,027.40	1/17/2007	9.80	0.00	0.00	1,017.60
OPCA-MW-8	1,027.40	4/17/2007	7.50	0.00	0.00	1,019.90
OPCA-MW-8	1,027.40	4/24/2007	7.47	0.00	0.00	1,019.93
RF-14	1,001.59	4/24/2007	6.61	0.00	0.00	994.98
RF-15	1,011.80	4/24/2007	12.51	0.00	0.00	999.29
SCH-4	1,014.05	1/17/2007	6.58	0.00	0.00	1,007.47
SCH-4	1,014.05	4/24/2007	6.93	0.00	0.00	1,007.12
UB-MW-5	1,006.06	4/24/2007	12.20	0.00	0.00	993.86
UB-MW-6	1,019.79	4/24/2007	18.83	0.00	0.00	1,000.96

Notes:

1. ft AMSL - feet Above Mean Sea Level.
2. ft BMP - feet Below Measuring Point

ARCADIS BBL

Appendix F

Data Validation Report

Appendix F
Groundwater Sampling Data Validation Report
Groundwater Management Area 4 - Spring 2007

General Electric Company
Pittsfield, Massachusetts

1.0 General

This appendix summarizes the data validation review performed on behalf of the General Electric Company (GE) for groundwater samples collected between April and May 2007 as part of sampling activities conducted at the Plant Site 3 Groundwater Management Area (GMA 4), located at the GE facility in Pittsfield, Massachusetts. The sampling was conducted by ARCADIS of New York (ARCADIS BBL), and the samples were analyzed for polychlorinated biphenyls (PCBs) and/or various other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3) by SGS Environmental Services, Inc. (formerly Paradigm Analytical Labs, Inc.) of Wilmington, North Carolina. Data review was performed for 14 PCB samples, 17 volatile organic compound (VOC) samples, 14 semi-volatile organic compound (SVOC) samples, 14 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 14 metal samples, and 14 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

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

- *Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts,* ARCADIS BBL (submitted by GE on March 30, 2007 and approved by EPA on June 13, 2007)*;*

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

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

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

The data were validated to either a Tier I or Tier II level, as described below. Any deviations from the applicable quality control criteria utilized during the data review process are identified below. A tabulated summary of the Tier I/Tier II data review is presented in Table F-1. Each sample subject to evaluation is listed in Table F-1 to document that data review was performed. Samples that required data qualification are listed separately.

The following data qualifiers were used in this data evaluation:

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

U The compound was analyzed for, but was not detected. The sample quantitation limit is presented. Non-detect sample results are presented as ND(PQL) within this report for consistency with documents previously prepared for investigations conducted at the GE-Pittsfield/Housatonic River Site.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report for consistency with documents previously prepared for investigations conducted at the GE-Pittsfield/Housatonic River Site.

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

3.0 Data Validation Procedures

Section 7.5 of the FSP/QAPP states that analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (EPA guidelines). All groundwater sampling analytical data collected between April and May 2007 were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *EPA Region I CSF Completeness Evidence Audit Program* (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The Tier II data review consisted of a review of data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

A tabulated summary of the samples subject to Tier I and Tier II data review is presented in the following table.

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

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	12	1	1	14
VOCs	0	0	0	12	1	4	17
SVOCs	0	0	0	12	1	1	14
PCDDs/PCDFs	0	0	0	12	1	1	14
Metals	0	0	0	12	1	1	14
Cyanide/Sulfide	0	0	0	12	1	1	14
Total	**0**	**0**	**0**	**72**	**6**	**9**	**87**

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented in Section 4 below.

4.0 Data Review

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

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,2-Dibromo-3-chloropropane	10	J
	1,4-Dioxane	17	J
	2-Butanone	3	J
	2-Chloroethylvinylether	10	J
	Acetone	10	J
	Acetonitrile	16	J
	Acrolein	1	J
	Acrylonitrile	10	J
	Allyl Chloride	6	J
	Bromomethane	6	J
	Isobutanol	17	J

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs (continued)	Methyl Methacrylate	3	J
	Propionitrile	17	J
	trans-1,4-Dichloro-2-butene	3	J
SVOCs	2-Naphthylamine	5	J
	4-Nitroquinoline-1-oxide	14	J
	a,a'-Dimethylphenethylamine	14	J
	Aramite	14	J

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

Compounds Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1-Naphthylamine	5	J
	4-Nitroquinoline-1-oxide	3	J
	Aramite	3	J
	Benzidine	5	J
	Hexachlorophene	4	J

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

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

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,2,3-Trichloropropane	6	J
	1,2-Dibromoethane	1	J
	Acetone	4	J
	Bromomethane	6	J
SVOCs	1,3,5-Trinitrobenzene	3	J
	1-Naphthylamine	13	J
	2-Naphthylamine	13	J
	3-Nitroaniline	6	J
	4,6-Dinitro-2-methylphenol	3	J
	4-Nitroaniline	4	J
	4-Nitrophenol	7	J
	4-Nitroquinoline-1-oxide	10	J
	7,12-Dimethylbenz(a)anthracene	3	J
	a,a'-Dimethylphenethylamine	4	J
	Aramite	12	J
	Benzidine	13	J
	Benzo(g,h,i)perylene	6	J
	Benzyl Alcohol	1	J
	Dibenzo(a,h)anthracene	6	J
	Hexachlorocyclopentadiene	5	J
	Hexachlorophene	5	J
	Hexachloropropene	5	J
	Indeno(1,2,3-cd)pyrene	3	J
	Methapyrilene	10	J
	o-Toluidine	5	J
	Pyridine	3	J

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

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Antimony	1	J
	Arsenic	6	J
	Beryllium	8	J
	Cadmium	7	J
	Chromium	5	J
	Cobalt	7	J
	Copper	13	J
	Lead	1	J
	Nickel	7	J
	Selenium	1	J
	Silver	1	J
	Thallium	6	J
	Tin	13	J

MS/MSD sample analysis recovery criteria for organics require that the RPD between the MS and MSD recoveries be less than the laboratory-generated QC acceptance limits specified on the MS/MSD reporting form. The compound that exceeded the RPD limit and the number of samples qualified due to deviations are presented in the following table.

Compound Qualified Due to MS/MSD RPD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Hexachlorocyclopentadiene	1	J

Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis recovery criteria for organics must be within the laboratory-generated QC acceptance limits specified on the LCS/LCSD reporting form. Organic sample results associated with an LCS/LCSD that exceeded laboratory-generated QC acceptance limits and exhibited a recovery greater than 10% were qualified as estimated (J). Associated non-detect organic sample results that exhibited LCS/LCSD recoveries below 10% were qualified as rejected (R). The compounds that did not meet LCS/LCSD recovery criteria and the number of samples qualified due to those deviations are presented below.

Compounds Qualified Due to LCS Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1-Dichloroethene	7	J
	Acetone	1	J
SVOCs	1-Naphthylamine	4	J
	2,4,5-Trichlorophenol	1	J
	2-Chloronaphthalene	1	J
	2-Nitrophenol	1	J
	3&4-Methylphenol	7	J

Compounds Qualified Due to LCS Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs (continued)	4-Chlorophenyl-phenylether	6	J
	4-Nitroaniline	5	R
	Acenaphthylene	6	J
	Benzyl Alcohol	1	J
	Di-n-Butylphthalate	6	J

LCS/LCSD sample analysis recovery criteria for cyanide require that the RPD between the LCS and LCSD recoveries be less than the laboratory-generated QC acceptance limit. The analyte that exceeded the RPD limit and the number of samples qualified due to deviations are presented in the following table.

Analyte Qualified Due to LCS/LCSD RPD Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Cyanide	1	J

Blank action levels for inorganic analytes detected in the blanks were calculated at five times the blank concentrations (blank action levels were calculated at 10 times the blank concentration for common laboratory contaminants). Detected sample results that were below the blank action level were qualified with a "U." The analytes detected in method/analytical blanks which resulted in qualification of sample data, along with the number of affected samples, are presented in the following table.

Analytes Qualified Due to Blank Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Barium	2	U
	Beryllium	3	U
	Chromium	4	U
	Copper	13	U
	Mercury	5	U
	Silver	6	U
	Thallium	2	U
	Tin	6	U

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Data Usability

Parameter	Percent Usability	Rejected Data
VOCs	100	None
SVOCs	99.7	A total of five sample results were rejected due to LCS/LCSD recovery deviations.
PCBs	100	None
PCDDs/PCDFs	100	None
Metals	100	None
Cyanide and Sulfide	100	None

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

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between laboratory duplicates, field duplicates, LCS/LCSD, MS/MSD, and ICP serial dilution analyses. For this analytical program, 0.03% of the data required qualification due to MS/MSD RPD deviations and 0.03% of the data required qualifications due to LCS/LCSD RPD deviations. None of the data required qualification due to field duplicate RPD deviations, laboratory duplicate RPD deviations or ICP serial dilution deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, LCS/LCSDs, MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 10.7% of the data required qualification due to instrument calibration deviations, 2.3% of the data required qualification due to CRDL recovery deviations, and 1.4% of the data required qualification due to LCS/LCSD recovery deviations. None of the data required qualification due to MS/MSD recovery deviations, internal standard or surrogate compound recovery deviations.

5.3 Representativeness

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

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. Specifically, all the groundwater samples collected between April and May 2007 were analyzed by EPA SW-846 method 8082 for PCBs, 8260 for VOCs, 8270 for SVOCs, 6000 for metals, 9010/9030 for cyanide/sulfide, and 8290 for PCDD/PCDFs.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.7% to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

Table F-1
Analytical Data Validation Summary

Groundwater Quality Monitoring Interim Report for Spring 200
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
G135-389	GMA4-DUP#1 (Filtered)	4/18/2007	Water	Tier II	No						Parent Sample H78B-15
G135-389	H78B-15 (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-4 (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-5R (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-6 (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-8 (Filtered)	4/17/2007	Water	Tier II	No						
G135-391	78-6 (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	GMA4-6 (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-1R (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-2 (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-7 (Filtered)	4/19/2007	Water	Tier II	No						
G135-393	78-1 (Filtered)	4/20/2007	Water	Tier II	No						
G135-393	OPCA-MW-3 (Filtered)	4/20/2007	Water	Tier II	No						
G135-415	GMA4-RB-1 (Filtered)	5/14/2007	Water	Tier II	No						
Metals											
G135-389	GMA4-DUP#1 (Filtered)	4/18/2007	Water	Tier II	Yes	Arsenic	CRDL Standard %R	71.5%	80% to 120%	ND(0.0100) J	Parent Sample H78B-15
						Beryllium	Method Blank	-	-	ND(0.0100)	
						Copper	CRDL Standard %R	126.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Thallium	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	156.0%	80% to 120%	0.00892 J	
G135-389	H78B-15 (Filtered)	4/18/2007	Water	Tier II	Yes	Arsenic	CRDL Standard %R	71.5%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	126.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	31.6%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	156.0%	80% to 120%	ND(0.0100) J	
G135-389	OPCA-MW-4 (Filtered)	4/18/2007	Water	Tier II	Yes	Arsenic	CRDL Standard %R	71.5%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	126.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Thallium	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	156.0%	80% to 120%	0.0332 J	
G135-389	OPCA-MW-5R (Filtered)	4/18/2007	Water	Tier II	Yes	Arsenic	CRDL Standard %R	71.5%	80% to 120%	ND(0.0100) J	
						Beryllium	Method Blank	-	-	ND(0.0100)	
						Copper	CRDL Standard %R	126.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	31.6%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	156.0%	80% to 120%	0.00102 J	
G135-389	OPCA-MW-6 (Filtered)	4/18/2007	Water	Tier II	Yes	Arsenic	CRDL Standard %R	71.5%	80% to 120%	ND(0.0100) J	
						Beryllium	Method Blank	-	-	ND(0.0100)	
						Copper	CRDL Standard %R	126.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	31.6%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	156.0%	80% to 120%	0.00108 J	
G135-389	OPCA-MW-8 (Filtered)	4/17/2007	Water	Tier II	Yes	Arsenic	CRDL Standard %R	71.5%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	126.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	31.6%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	156.0%	80% to 120%	0.004120 J	
G135-391	78-6 (Filtered)	4/19/2007	Water	Tier II	Yes	Beryllium	CRDL Standard %R	193.0%	80% to 120%	0.00115 J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Chromium	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Chromium	Method Blank	-	-	ND(0.0100)	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Mercury	Method Blank	-	-	ND(0.000285)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	ND(0.0100) J	
G135-391	GMA4-6 (Filtered)	4/19/2007	Water	Tier II	Yes	Beryllium	CRDL Standard %R	193.0%	80% to 120%	0.00578 J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Chromium	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Chromium	Method Blank	-	-	ND(0.0100)	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	

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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
G135-391	GMA4-6 (Filtered)	4/19/2007	Water	Tier II	Yes	Mercury	Method Blank	-	-	ND(0.000285)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	ND(0.0100) J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	165.0%	80% to 120%	ND(0.0100) J	
						Tin	Method Blank	-	-	ND(0.0100)	
G135-391	OPCA-MW-1R (Filtered)	4/19/2007	Water	Tier II	Yes	Beryllium	CRDL Standard %R	193.0%	80% to 120%	0.00194 J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Chromium	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Mercury	Method Blank	-	-	ND(0.000285)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	ND(0.0100) J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	165.0%	80% to 120%	ND(0.0100) J	
						Tin	Method Blank	-	-	ND(0.0100)	
G135-391	OPCA-MW-2 (Filtered)	4/19/2007	Water	Tier II	Yes	Barium	Method Blank	-	-	ND(0.0100)	
						Beryllium	CRDL Standard %R	193.0%	80% to 120%	0.00386 J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Chromium	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Chromium	Method Blank	-	-	ND(0.0100)	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Mercury	Method Blank	-	-	ND(0.000285)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	ND(0.0100) J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	165.0%	80% to 120%	ND(0.0100) J	
						Tin	Method Blank	-	-	ND(0.0100)	
G135-391	OPCA-MW-7 (Filtered)	4/19/2007	Water	Tier II	Yes	Barium	Method Blank	-	-	ND(0.0100)	
						Beryllium	CRDL Standard %R	193.0%	80% to 120%	ND(0.0100) J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Chromium	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Chromium	Method Blank	-	-	ND(0.0100)	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Mercury	Method Blank	-	-	ND(0.000285)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	ND(0.0100) J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	165.0%	80% to 120%	ND(0.0100) J	
						Tin	Method Blank	-	-	ND(0.0100)	
G135-393	78-1 (Filtered)	4/20/2007	Water	Tier II	Yes	Beryllium	CRDL Standard %R	193.0%	80% to 120%	ND(0.0100) J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	ND(0.0100) J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	131.0%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	165.0%	80% to 120%	0.0163 J	
						Tin	Method Blank	-	-	0.0163	
G135-393	OPCA-MW-3 (Filtered)	4/20/2007	Water	Tier II	Yes	Beryllium	CRDL Standard %R	193.0%	80% to 120%	0.00713 J	
						Cadmium	CRDL Standard %R	164.0%	80% to 120%	ND(0.0100) J	
						Cobalt	CRDL Standard %R	122.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	146.0%	80% to 120%	ND(0.0100) J	
						Copper	Method Blank	-	-	ND(0.0100)	
						Nickel	CRDL Standard %R	56.0%	80% to 120%	0.00664 J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	131.0%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	165.0%	80% to 120%	ND(0.0100) J	
						Tin	Method Blank	-	-	ND(0.0100)	
G135-415	GMA4-RB-1 (Filtered)	5/14/2007	Water	Tier II	Yes	Antimony	CRDL Standard %R	124.0%	80% to 120%	ND(0.0400) J	
						Beryllium	CRDL Standard %R	141.0%	80% to 120%	0.00842 J	

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Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
G135-415	GMA4-RB-1 (Filtered)	5/14/2007	Water	Tier II	Yes	Lead	CRDL Standard %R	78.6%	80% to 120%	0.00492 J	
						Selenium	CRDL Standard %R	79.0%	80% to 120%	ND(0.0200) J	
						Silver	CRDL Standard %R	132.0%	80% to 120%	0.00249 J	
						Tin	CRDL Standard %R	176.0%	80% to 120%	ND(0.0100) J	
VOCs											
G135-389	GMA4-DUP#1	4/18/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	Parent Sample H78B-15
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-389	H78B-15	4/18/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-389	OPCA-MW-4	4/18/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-389	OPCA-MW-5R	4/18/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-389	OPCA-MW-6	4/18/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-389	OPCA-MW-8	4/17/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-389	Trip Blank	4/18/2007	Water	Tier II	Yes	1,1-Dichloroethene	LCS %R	70.8%	71.7% to 128%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-391	78-6	4/19/2007	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	25.7%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.017	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.021	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.047	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.041	>0.05	ND(0.025) J	
						Allyl Chloride	ICAL RRF	0.037	>0.05	ND(0.0010) J	
						Bromomethane	ICAL RRF	0.028	>0.05	ND(0.0010) J	
						Bromomethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-391	GMA4-6	4/19/2007	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	25.7%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.017	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.021	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.047	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.041	>0.05	ND(0.025) J	
						Allyl Chloride	ICAL RRF	0.037	>0.05	ND(0.0010) J	
						Bromomethane	ICAL RRF	0.028	>0.05	ND(0.0010) J	
						Bromomethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	

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VOCs (continued)											
G135-391	OPCA-MW-1R	4/19/2007	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	25.7%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.017	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.021	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.047	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.041	>0.05	ND(0.025) J	
						Allyl Chloride	ICAL RRF	0.037	>0.05	ND(0.0010) J	
						Bromomethane	ICAL RRF	0.028	>0.05	ND(0.0010) J	
						Bromomethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-391	OPCA-MW-2	4/19/2007	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	25.7%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.017	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.021	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.047	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.041	>0.05	ND(0.025) J	
						Allyl Chloride	ICAL RRF	0.037	>0.05	ND(0.0010) J	
						Bromomethane	ICAL RRF	0.028	>0.05	ND(0.0010) J	
						Bromomethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-391	OPCA-MW-7	4/19/2007	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	25.7%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.017	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.021	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.047	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.041	>0.05	ND(0.025) J	
						Allyl Chloride	ICAL RRF	0.037	>0.05	ND(0.0010) J	
						Bromomethane	ICAL RRF	0.028	>0.05	ND(0.0010) J	
						Bromomethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-391	TripBlank	4/19/2007	Water	Tier II	Yes	1,2,3-Trichloropropane	CCAL %D	25.7%	<25%	ND(0.0010) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.017	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.021	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.047	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.041	>0.05	ND(0.025) J	
						Allyl Chloride	ICAL RRF	0.037	>0.05	ND(0.0010) J	
						Bromomethane	ICAL RRF	0.028	>0.05	ND(0.0010) J	
						Bromomethane	CCAL %D	29.9%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
G135-393	78-1	4/20/2007	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF	0.023	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.042	>0.05	ND(0.0050) J	
						Acetone	CCAL %D	25.3%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.028	>0.05	ND(0.025) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND(0.050) J	
						Methyl Methacrylate	ICAL RRF	0.048	>0.05	ND(0.0010) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.020) J	
						trans-1,4-Dichloro-2-butene	ICAL RRF	0.029	>0.05	ND(0.0050) J	
G135-393	OPCA-MW-3	4/20/2007	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF	0.023	>0.05	ND(0.01250) J	

Table F-1
Analytical Data Validation Summary

Groundwater Quality Monitoring Interim Report for Spring 200
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
G135-393	OPCA-MW-3	4/20/2007	Water	Tier II	Yes	Acetone	ICAL RRF	0.042	>0.05	ND(0.0050) J	
						Acetone	CCAL %D	25.3%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.028	>0.05	ND(0.025) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND(0.050) J	
						Methyl Methacrylate	ICAL RRF	0.048	>0.05	ND(0.0010) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.020) J	
						trans-1,4-Dichloro-2-butene	ICAL RRF	0.029	>0.05	ND(0.0050) J	
G135-393	Trip Blank	4/20/2007	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Butanone	ICAL RRF	0.049	>0.05	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF	0.023	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.042	>0.05	ND(0.0050) J	
						Acetone	CCAL %D	25.3%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.003	>0.05	ND(0.020) J	
						Acrylonitrile	ICAL RRF	0.028	>0.05	ND(0.025) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND(0.050) J	
						Methyl Methacrylate	ICAL RRF	0.048	>0.05	ND(0.0010) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.020) J	
						trans-1,4-Dichloro-2-butene	ICAL RRF	0.029	>0.05	ND(0.0050) J	
G135-415	GMA4-RB-1	5/14/2007	Water	Tier II	Yes	Acrolein	ICAL RRF	0.020	>0.05	ND(0.025) J	
						1,2-Dibromo-3-chloropropane	ICAL RRF	0.022	>0.05	ND(0.0050) J	
						1,2-Dibromoethane	CCAL %D	27.3%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	ICAL RRF	0.023	>0.05	ND(0.01250) J	
						Acetone	ICAL RRF	0.048	>0.05	ND(0.0050) J	
						Acetone	CCAL %D	30.6%	<25%	ND(0.0050) J	
						Acetone	LCS %R	15.9%	41.1% to 159%	ND(0.0050) J	
						Acrylonitrile	ICAL RRF	0.040	>0.05	ND(0.020) J	
						Isobutanol	ICAL RRF	0.006	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.006	>0.05	ND(0.020) J	
SVOCs											
G135-389	GMA4-DUP#1	4/18/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	90.1%	<25%	ND(0.050) J	Parent Sample H78B-15
						2-Naphthylamine	CCAL %D	270.8%	<25%	ND(0.050) J	
						3&4-Methylphenol	LCS %R	67.4%	72.1% to 101%	ND(0.010) J	
						3-Nitroaniline	CCAL %D	35.9%	<25%	ND(0.050) J	
						4-Chlorophenyl-phenylether	LCS %R	76.5%	80.8% to 121%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	46.8%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.037	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.025	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	48.0%	<25%	ND(0.050) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	31.5%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.012	>0.05	ND(0.050) J	
						Acenaphthylene	LCS %R	70.2%	72.9% to 127%	ND(0.010) J	
						Aramite	CCAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	ICAL RRF	0.003	>0.05	ND(0.010) J	
						Aramite	CCAL %D	33.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	74.2%	<25%	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	34.2%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	51.5%	<25%	ND(0.010) J	
						Hexachloropropene	CCAL %D	30.4%	<25%	ND(0.020) J	
						Indeno(1,2,3-cd)pyrene	CCAL %D	61.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	54.0%	<25%	ND(0.010) J	
						Di-n-Butylphthalate	LCS %R	61.8%	67.8% to 121%	ND(0.010) J	
G135-389	H78B-15	4/18/2007	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	35.7%	<25%	ND(0.050) J	
						1-Naphthylamine	CCAL %D	38.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	57.7%	<25%	ND(0.050) J	
						3&4-Methylphenol	LCS %R	67.4%	72.1% to 101.0%	ND(0.010) J	
						3-Nitroaniline	CCAL %D	33.5%	<25%	ND(0.050) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	30.4%	<25%	ND(0.050) J	
						4-Chlorophenyl-phenylether	LCS %R	76.5%	80.8% to 121%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	32.1%	<25%	ND(0.050) J	
						4-Nitrophenol	CCAL %D	31.5%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	60.9%	<25%	ND(0.050) J	

Table F-1
Analytical Data Validation Summary

Groundwater Quality Monitoring Interim Report for Spring 200
Groundwater Management Area 4
General Electric Company - Pittsfield, Massachusetts
(Results are presented in parts per million, ppm

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
G135-389	H78B-15	4/18/2007	Water	Tier II	Yes	4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.011	>0.05	ND(0.050) J	
						Acenaphthylene	LCS %R	70.2%	72.9% to 127%	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	
						Aramite	ICAL RRF	0.002	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	60.0%	<25%	ND(0.020) J	
						Di-n-Butylphthalate	LCS %R	61.8%	67.8% to 121%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	51.8%	<25%	ND(0.020) J	
						Pyridine	CCAL %D	98.1%	<25%	ND(0.010) J	
G135-389	OPCA-MW-4	4/18/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	90.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	270.8%	<25%	ND(0.050) J	
						3&4-Methylphenol	LCS %R	67.4%	72.1% to 101%	ND(0.010) J	
						3-Nitroaniline	CCAL %D	35.9%	<25%	ND(0.050) J	
						4-Chlorophenyl-phenylether	LCS %R	76.5%	80.8% to 121%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	46.8%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.037	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.025	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	48.0%	<25%	ND(0.050) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	31.5%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.012	>0.05	ND(0.050) J	
						Acenaphthylene	LCS %R	70.2%	72.9% to 127%	ND(0.010) J	
						Aramite	CCAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	ICAL RRF	0.003	>0.05	ND(0.010) J	
						Aramite	CCAL %D	33.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	74.2%	<25%	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	34.2%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	51.5%	<25%	ND(0.010) J	
						Hexachloropropene	CCAL %D	30.4%	<25%	ND(0.020) J	
						Indeno(1,2,3-cd)pyrene	CCAL %D	61.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	54.0%	<25%	ND(0.010) J	
						Di-n-Butylphthalate	LCS %R	61.8%	67.8% to 121%	ND(0.010) J	
G135-389	OPCA-MW-5R	4/18/2007	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	35.7%	<25%	ND(0.050) J	
						1-Naphthylamine	CCAL %D	38.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	57.7%	<25%	ND(0.050) J	
						3&4-Methylphenol	LCS %R	67.4%	72.1% to 101%	ND(0.010) J	
						3-Nitroaniline	CCAL %D	33.5%	<25%	ND(0.050) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	30.4%	<25%	ND(0.050) J	
						4-Chlorophenyl-phenylether	LCS %R	76.5%	80.8% to 121%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	32.1%	<25%	ND(0.050) J	
						4-Nitrophenol	CCAL %D	31.5%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	60.9%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.011	>0.05	ND(0.050) J	
						Acenaphthylene	LCS %R	70.2%	72.9% to 127%	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	
						Aramite	ICAL RRF	0.002	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	60.0%	<25%	ND(0.020) J	
						Di-n-Butylphthalate	LCS %R	61.8%	67.8% to 121%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	51.8%	<25%	ND(0.020) J	
						Pyridine	CCAL %D	98.1%	<25%	ND(0.010) J	
G135-389	OPCA-MW-6	4/18/2007	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	35.7%	<25%	ND(0.050) J	
						1-Naphthylamine	CCAL %D	38.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	57.7%	<25%	ND(0.050) J	
						3&4-Methylphenol	LCS %R	67.4%	72.1% to 101%	ND(0.010) J	
						3-Nitroaniline	CCAL %D	33.5%	<25%	ND(0.050) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	30.4%	<25%	ND(0.050) J	
						4-Chlorophenyl-phenylether	LCS %R	76.5%	80.8% to 121%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	32.1%	<25%	ND(0.050) J	
						4-Nitrophenol	CCAL %D	31.5%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	60.9%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.011	>0.05	ND(0.050) J	
						Acenaphthylene	LCS %R	70.2%	72.9% to 127%	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	

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Analytical Data Validation Summary

Groundwater Quality Monitoring Interim Report for Spring 200
Groundwater Management Area 4
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(Results are presented in parts per million, ppm

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
G135-389	OPCA-MW-6	4/18/2007	Water	Tier II	Yes	Aramite	ICAL RRF	0.002	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	60.0%	<25%	ND(0.020) J	
						Di-n-Butylphthalate	LCS %R	61.8%	67.8% to 121%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	51.8%	<25%	ND(0.020) J	
						Pyridine	CCAL %D	98.1%	<25%	ND(0.010) J	
G135-389	OPCA-MW-8	4/17/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	90.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	270.8%	<25%	ND(0.050) J	
						3&4-Methylphenol	LCS %R	67.4%	72.1% to 101%	ND(0.010) J	
						3-Nitroaniline	CCAL %D	35.9%	<25%	ND(0.050) J	
						4-Chlorophenyl-phenylether	LCS %R	76.5%	80.8% to 121%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	46.8%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.037	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.025	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	48.0%	<25%	ND(0.050) J	
						7,12-Dimethylbenz(a)anthracene	CCAL %D	31.5%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.012	>0.05	ND(0.050) J	
						Acenaphthylene	LCS %R	70.2%	72.9% to 127%	ND(0.010) J	
						Aramite	CCAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	ICAL RRF	0.003	>0.05	ND(0.010) J	
						Aramite	CCAL %D	33.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	74.2%	<25%	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	34.2%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	51.5%	<25%	ND(0.010) J	
						Hexachloropropene	CCAL %D	30.4%	<25%	ND(0.020) J	
						Indeno(1,2,3-cd)pyrene	CCAL %D	61.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	54.0%	<25%	ND(0.010) J	
						Di-n-Butylphthalate	LCS %R	61.8%	67.8% to 121%	ND(0.010) J	
G135-391	78-6	4/19/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	64.2%	<25%	ND(0.050) J	
						1-Naphthylamine	CCAL RRF	0.029	>0.05	ND(0.050) J	
						2-Naphthylamine	ICAL RRF	0.031	>0.05	ND(0.050) J	
						2-Naphthylamine	CCAL %D	71.0%	<25%	ND(0.050) J	
						4-Nitroaniline	LCS %R	7.5%	12.7% to 255%	R	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.045	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.010	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	CCAL %D	270.0%	<25%	ND(0.050) J	
						Aramite	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	0..918	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.022	>0.05	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	40.6%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	36.4%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	38.7%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	MS/MSD RPD	46.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	47.9%	<25%	ND(0.010) J	
						Hexachloropropene	CCAL %D	30.3%	<25%	ND(0.020) J	
						o-Toluidine	CCAL %D	91.0%	<25%	ND(0.010) J	
G135-391	GMA4-6	4/19/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	45.7%	<30%	ND(0.050) J	
						1-Naphthylamine	CCAL RRF	0.044	>0.05	ND(0.050) J	
						1-Naphthylamine	LCS %R	77.4%	82.9% to 117%	ND(0.050) J	
						2-Naphthylamine	ICAL RRF	0.031	>0.05	ND(0.050) J	
						2-Naphthylamine	CCAL %D	67.7%	<25%	ND(0.050) J	
						4-Nitroaniline	LCS %R	7.5%	12.7% to 255%	R	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.045	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	40.0%	<25%	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.010	>0.05	ND(0.050) J	
						Aramite	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	92.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.020) J	
						Hexachlorophene	CCAL %D	53.1%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.010) J	
						Methapyrilene	CCAL %D	30.5%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	91.6%	<25%	ND(0.010) J	
G135-391	OPCA-MW-1R	4/19/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	45.7%	<30%	ND(0.050) J	
						1-Naphthylamine	CCAL RRF	0.044	>0.05	ND(0.050) J	

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General Electric Company - Pittsfield, Massachusetts
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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
G135-391	OPCA-MW-1R	4/19/2007	Water	Tier II	Yes	1-Naphthylamine	LCS %R	77.4%	82.9% to 117%	ND(0.050) J	
						2-Naphthylamine	ICAL RRF	0.031	>0.05	ND(0.050) J	
						2-Naphthylamine	CCAL %D	67.7%	<25%	ND(0.050) J	
						4-Nitroaniline	LCS %R	7.5%	12.7% to 255%	R	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.045	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	40.0%	<25%	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.010	>0.05	ND(0.050) J	
						Aramite	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	92.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.020) J	
						Hexachlorophene	CCAL %D	53.1%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.010) J	
						Methapyrilene	CCAL %D	30.5%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	91.6%	<25%	ND(0.010) J	
G135-391	OPCA-MW-2	4/19/2007	Soil	Tier II	Yes	1-Naphthylamine	CCAL %D	45.7%	<30%	ND(0.050) J	
						1-Naphthylamine	CCAL RRF	0.044	>0.05	ND(0.050) J	
						1-Naphthylamine	LCS %R	77.4%	82.9% to 117%	ND(0.050) J	
						2-Naphthylamine	ICAL RRF	0.031	>0.05	ND(0.050) J	
						2-Naphthylamine	CCAL %D	67.7%	<25%	ND(0.050) J	
						4-Nitroaniline	LCS %R	7.5%	12.7% to 255%	R	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.045	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	40.0%	<25%	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.010	>0.05	ND(0.050) J	
						Aramite	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	92.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.020) J	
						Hexachlorophene	CCAL %D	53.1%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.010) J	
						Methapyrilene	CCAL %D	30.5%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	91.6%	<25%	ND(0.010) J	
G135-391	OPCA-MW-7	4/19/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	45.7%	<30%	ND(0.050) J	
						1-Naphthylamine	CCAL RRF	0.044	>0.05	ND(0.050) J	
						1-Naphthylamine	LCS %R	77.4%	82.9% to 117%	ND(0.050) J	
						2-Naphthylamine	ICAL RRF	0.031	>0.05	ND(0.050) J	
						2-Naphthylamine	CCAL %D	67.7%	<25%	ND(0.050) J	
						4-Nitroaniline	LCS %R	7.5%	12.7% to 255%	R	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.045	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	40.0%	<25%	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.010	>0.05	ND(0.050) J	
						Aramite	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Aramite	CCAL %D	50.0%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	92.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.020) J	
						Hexachlorophene	CCAL %D	53.1%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL RRF	0.045	>0.05	ND(0.010) J	
						Methapyrilene	CCAL %D	30.5%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	91.6%	<25%	ND(0.010) J	
G135-393	78-1	4/20/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	58.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	118.0%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.025	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.012	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	CCAL %D	83.3%	<25%	ND(0.050) J	
						Aramite	ICAL RRF	0.003	>0.05	ND(0.010) J	
						Aramite	CCAL %D	33.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	63.6%	<25%	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	32.5%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	33.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	42.9%	<25%	ND(0.010) J	
G135-393	OPCA-MW-3	4/20/2007	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	58.1%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	118.0%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.025	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.012	>0.05	ND(0.050) J	

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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
G135-393	OPCA-MW-3	4/20/2007	Water	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	83.3%	<25%	ND(0.050) J	
						Aramite	ICAL RRF	0.003	>0.05	ND(0.010) J	
						Aramite	CCAL %D	33.3%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	63.6%	<25%	ND(0.020) J	
						Benzo(g,h,i)perylene	CCAL %D	32.5%	<25%	ND(0.010) J	
						Dibenzo(a,h)anthracene	CCAL %D	33.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	42.9%	<25%	ND(0.010) J	
G135-415	GMA4-RB-1	5/14/2007	Water	Tier II	Yes	2,4,5-Trichlorophenol	LCS %R	11.9%	59.9% to 110%	ND(0.010) J	
						2-Chloronaphthalene	LCS %R	12.7%	61.9% to 110%	ND(0.010) J	
						2-Nitrophenol	LCS %R	12.0%	46.7% to 108%	ND(0.010) J	
						3&4-Methylphenol	LCS %R	10.4%	72.1% to 101%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	30.2%	<25%	ND(0.050) J	
						4-Nitrophenol	CCAL %D	29.6%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	ICAL RRF	0.011	>0.05	ND(0.050) J	
						a,a'-Dimethylphenethylamine	CCAL %D	36.4%	<25%	ND(0.050) J	
						Aramite	ICAL RRF	0.002	>0.05	ND(0.010) J	
						Benzyl Alcohol	CCAL %D	38.5%	<25%	ND(0.020) J	
						Benzyl Alcohol	LCS %R	12.6%	58.0% to 125%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	44.6%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	25.2%	<25%	ND(0.020) J	
						Methapyrilene	CCAL %D	29.6%	<25%	ND(0.010) J	
PCDDs/PCDFs											
G135-389	GMA4-DUP#1	4/18/2007	Water	Tier II	No						Parent Sample H78B-15
G135-389	H78B-15	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-4	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-5R	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-6	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-8	4/17/2007	Water	Tier II	No						
G135-391	78-6	4/19/2007	Water	Tier II	No						
G135-391	GMA4-6	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-1R	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-2	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-7	4/19/2007	Water	Tier II	No						
G135-393	78-1	4/20/2007	Water	Tier II	No						
G135-393	OPCA-MW-3	4/20/2007	Water	Tier II	No						
G135-415	GMA4-RB-1	5/14/2007	Water	Tier II	No						
Sulfides											
G135-389	GMA4-DUP#1 (Filtered)	4/18/2007	Water	Tier II	No						Parent Sample H78B-15
G135-389	H78B-15 (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-4 (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-5R (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-6 (Filtered)	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-8 (Filtered)	4/17/2007	Water	Tier II	No						
G135-391	78-6 (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	GMA4-6 (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-1R (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-2 (Filtered)	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-7 (Filtered)	4/19/2007	Water	Tier II	No						
G135-393	78-1 (Filtered)	4/20/2007	Water	Tier II	No						
G135-393	OPCA-MW-3 (Filtered)	4/20/2007	Water	Tier II	No						
G135-415	GMA4-RB-1 (Filtered)	5/14/2007	Water	Tier II	No						
Cyanide-MADEP (PAC)											
G135-389	GMA4-DUP#1	4/18/2007	Water	Tier II	No						Parent Sample H78B-15
G135-389	H78B-15	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-4	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-5R	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-6	4/18/2007	Water	Tier II	No						
G135-389	OPCA-MW-8	4/17/2007	Water	Tier II	No						
G135-391	78-6	4/19/2007	Water	Tier II	No						
G135-391	GMA4-6	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-1R	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-2	4/19/2007	Water	Tier II	No						
G135-391	OPCA-MW-7	4/19/2007	Water	Tier II	No						

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Cyanide-MADEP (PAC) (continued)											
G135-393	78-1	4/20/2007	Water	Tier II	No						
G135-393	OPCA-MW-3	4/20/2007	Water	Tier II	No						
G135-415	GMA4-RB-1	5/14/2007	Water	Tier II	Yes	Cyanide	LCS/LCSD RPD	23.0%	<20%	ND(0.0060) J	