GE
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Pittsfield, MA 01201
USA

Transmitted Via Overnight Courier

February 27, 2006

Ms. Sharon Hayes
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 Fall 2005

Dear Ms. Hayes:

In accordance with GE's approved *Baseline Monitoring Program Proposal for Plant Site 3 Groundwater Management Area* (July 2001) and *Groundwater Management Area 4 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2003* (February 2004) (Fall 2003 GMA 4 Report), enclosed is the *Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2005.* This report summarizes activities performed at Groundwater Management Area (GMA) 4 (also known as the Plant Site 3 GMA) during fall 2005, 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 (as proposed in the Fall 2003 GMA 4 Report and approved by EPA). 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,

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

Enclosure
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TECHNICAL REPORT

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2005

General Electric Company
Pittsfield, Massachusetts

February 2006

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

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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soil, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the RAAs at and near the GE Pittsfield facility have been divided into five separate Groundwater Management Areas (GMAs), which are illustrated on Figure 1. These GMAs are described, together with the Performance Standards established for the response actions at and related to them, in Section 2.7 of the *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD), with further details presented in Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response Programs). This report relates to the Plant Site 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 an *Addendum to the Baseline Monitoring Program Proposal for Plant Site 3 Groundwater Management Area* (GMA 4 Baseline Monitoring Proposal Addendum), submitted to EPA on February 21, 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) that was 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 Fall 2005* (Fall 2005 Groundwater Quality Report) presents the results of groundwater sampling activities performed at this GMA during October 2005, as well as other groundwater-related activities performed at this GMA between July and December 2005.

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), as depicted on Figure 2, 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 subsequent groundwater sampling events conducted 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 one monitoring well (GMA4-4 for NY-4); and the installation and sampling of a new well GMA4-5 (designated as a GW-2 sentinel/compliance 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. Well GMA4-5 was sampled as a GW-2 well for the first time in fall 2003 to further evaluate volatile organic compounds (VOCs) south of GMA 4 and, pursuant to EPA's May 19, 2004 conditional approval letter, well H78B-16 has been retained for the interim monitoring program along with well H78B-17R. Both of these wells will be sampled on an annual basis alternating between spring and fall, with the initial annual sampling event conducted in spring 2004 and the next scheduled event being spring 2006.

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 and analyzed for VOCs to monitor the potential presence of TCE and other chlorinated compounds. Currently, and as reported in previous GMA 4 Baseline Groundwater Quality Reports, TCE is present in groundwater at wells H78B-16 and H78B-17R, among other locations. These wells are located at the downgradient edge of GMA 4 (Figure 3). In addition, the surface of a dense glacial till forms a trough-like structure in this area (Figure 4), 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 4, 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. The fourth baseline sampling event at well 60B-R was completed in spring 2004, and the fourth baseline sampling event for well H78B-13R was completed in fall 2004, with the exception that certain semi-volatile organic compounds (SVOCs) from the fall 2004 sampling event for well H78B-13R were rejected during the data validation process. Accordingly, this well was sampled during the spring 2005 sampling event for analysis of SVOCs to obtain a total of four complete data sets from this location. Well UB-MW-5 had not been successfully sampled prior to the spring 2004 sampling event, as groundwater was not present in that well during each of the previous sampling attempts. However, groundwater samples were able to be collected for analyses during the spring 2004, spring 2005, and fall 2005 sampling events. During the fall 2004 sampling event, although groundwater was initially present at well UB-MW-5, a sample could not be collected since the well did not recharge after a limited amount of purging was conducted.

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. Currently, the interim monitoring program consists of:

- Sampling and analysis of 11 OPCA-related wells on a semi-annual basis. Well NY-4 and its replacement well (GMA4-4) have been removed from the monitoring program.

- 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**.**

- Evaluation of data collected from well GMA4-5. This well was initially installed as a GW-2 well downgradient of GMA 4 prior to the fall 2003 sampling event and was subsequently included in a groundwater monitoring program being conducted relative to the adjacent Commercial Street ACO site. However, that well is currently no longer sampled under either the GMA 4 or Commercial Street groundwater monitoring programs. Groundwater elevation data is still collected from well GMA4-5 and is included in this report.

- Continued baseline sampling attempts at well UB-MW-5, as discussed above. GE will continue to attempt to collect samples from well UB-MW-5 during future interim sampling events at GMA 4 until four rounds of sampling have been completed at that well.

GE initiated the fall 2005 groundwater sampling event on October 10, 2005 and completed the required data collection at all but two of the GMA 4 locations scheduled to be sampled during the fall 2005 sampling event on October 17, 2005. Two wells became dry during sampling and multiple sampling attempts were necessary to collect the required sample volume. Specifically, well OPCA-MW-7 was sampled between October 10, 2005 and October 20, 2005, while well UB-MW-5 was sampled between October 11, 2005 and November 1, 2005. The GMA 4 interim monitoring program activities performed in fall 2005 are summarized on 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 fall 2005. Section 3 presents the analytical results obtained during the fall 2005 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 fall 2005 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 for those wells designated as OPCA monitoring locations. Section 5 proposes certain modifications to the interim groundwater quality monitoring program, which will be continued until such time as the soil-related Removal Actions at the GMA 4 RAAs are completed and the need for a long-term monitoring program is fully determined. Finally, Section 6 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 Table 1 and depicted on Figure 2. The construction details of the monitoring wells and/or locations sampled at GMA 4 in fall 2005 are provided in Table 2, and the fall 2005 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 performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2 Groundwater Level Measurement and LNAPL Monitoring

The fall 2005 groundwater elevation monitoring event at GMA 4 was performed on October 26, 2005. This activity involved collecting groundwater level data at the wells listed in Table 3. The groundwater elevation data shown in that table were subsequently used to prepare a groundwater elevation contour map (Figure 3). As shown on Figure 3, the groundwater flow directions are generally consistent with those observed during previous seasonal monitoring events. 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. A comparison of the groundwater contour map with the top of till contour map (Figure 4) shows that groundwater elevations are generally correlated to changes in the elevation of the glacial till interface.

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. Several other wells were monitored on other occasions during fall 2005 (e.g.,

during pre-sampling inspections of wells H78B-16 and H78B-17R and during the course of sample collection). The results of all groundwater elevation/NAPL monitoring activities performed during fall 2005 are summarized in Appendix E. 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 fall 2005.

2.3 Groundwater Sampling and Analysis

2.3.1 GMA 4 Sampling

The fall 2005 interim sampling event was performed between October 10, 2005 and November 1, 2005 at 14 groundwater monitoring wells, which include: 11 groundwater monitoring wells associated with the OPCA monitoring program; one well in the baseline groundwater quality sampling program that has been sampled on less than four occasions (UB-MW-5); and two other groundwater monitoring wells (H78B-16 and H78B-17R). Well construction information for the GMA 4 monitoring wells is included in Table 2. On September 14, 2005, GE conducted an inspection of wells H78B-16 and H78B-17R to ascertain whether either of the wells was damaged since the prior sampling event in spring 2004. Each of these wells were found to be usable and sampled during the fall 2005 sampling event.

Groundwater samples were generally collected in accordance with GE's approved FSP/QAPP, with minor variations that have been agreed upon by EPA and GE. Specifically, as previously approved by EPA, a modification from the sampling methods described in the FSP/QAPP was again implemented for several wells that intersect the glacial till at this GMA. GE placed the pump intakes at a level above the till interface, rather than at the midpoint of the water column, if the midpoint was below the top of till. This modification was made to allow the pump intake to be placed in the more permeable zone above the till, which presumably supplies most of the groundwater in the wells. The approximate pump intake depth and type of pump used during the fall 2005 sampling event are provided in Table 4 and are identified on the sampling records contained in Appendix D. This modification was included in the draft revisions to the FSP/QAPP submitted to EPA on February 10, 2006.

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 fall 2005 monitoring event is provided below.

PARAMETER	UNITS	RANGE
Temperature	Degrees Celsius	11.24 – 17.47
pH	pH units	6.25 – 7.51
Specific Conductivity	Millisiemens per centimeter	0.198 – 2.257
Turbidity	NTUs	1.0 – 24
Dissolved Oxygen	Milligrams per liter	0.85 – 11.00
Oxidation-Reduction Potential	Millivolts	-74.1 – 549.2

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 50 NTU upon stabilization. These results indicate that the sampling and measurement procedures utilized during this sampling event were effective in obtaining groundwater samples with low turbidity.

The collected groundwater samples were submitted to SGS Environmental Services, Inc. of Charleston, West Virginia for laboratory analysis. All groundwater samples collected during this sampling event, except those from wells H78B-16 and H78B-17R that were monitored solely for VOCs, were submitted for analysis of the following constituents using the associated EPA methods:

CONSTITUENTS	EPA METHOD
VOCs	8260B
SVOCs	8270C
PCBs	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Metals	6010B, 7000A, and 7470A
Cyanide	9014
Sulfide	9034

Following receipt of the analytical data from the laboratory, the preliminary results were reviewed for completeness and compared to the Massachusetts Contingency Plan (MCP) Method 1 GW-2 (where applicable) and GW-3 standards, and to the MCP Upper Concentration Limits (UCLs) for groundwater. The preliminary analytical results were presented in the next monthly report on overall activities at the GE-Pittsfield/Housatonic River Site, along with the identification, when applicable, of sample results above the applicable MCP Method 1 standards and/or UCLs.

The data for the fall 2005 interim groundwater quality sampling were validated in accordance with the FSP/QAPP. As discussed in the validation report provided as Appendix F, 96.3% of the fall 2005 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, PCDD/PCDF, and inorganic sample results were found to be 100% usable, while the SVOC sample results were found to be 98.0% usable and the PCB sample results were found to be 80.0% usable. The rejected PCB results were limited to two actual groundwater samples (OPCA-MW-3 and OPCA-MW-8) and a rinse blank which were rejected due to low surrogate recoveries, although the Aroclor-1254 and total PCB data from well OPCA-MW-3 were qualified as acceptable following validation.

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 fall 2005 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 groundwater quality Performance Standards established in the CD and SOW, while Table 8 presents a comparison of the concentrations of detected constituents with the UCLs for groundwater. Table A-1 in Appendix A provides the complete data (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 fall 2005 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 14 groundwater samples were collected and analyzed for VOCs during the fall 2005 sampling event. The VOC analytical results are summarized in Table A-1 within Appendix A. No VOCs were detected in five of the groundwater samples, while eight individual VOCs were observed (five of which were only detected at estimated concentrations below their respective PQLs) in one or more of the remaining ten samples. Total VOC concentrations ranged from non-detect (in five samples) to 0.33 ppm at well H78B-17R.

3.2.2 SVOC Results

A total of 12 groundwater samples were collected and analyzed for SVOCs during the fall 2005 sampling event. One SVOC, 1,2,4-Trichlorobenzene was detected in monitoring well OPCA-MW-2 at an estimated concentration of 0.0016 ppm (with a duplicate sample being non-detect). No SVOCs were detected in any of the other samples. The SVOC analytical results are summarized in Table A-1 within Appendix A.

3.2.3 PCB Results

Unfiltered groundwater samples from one monitoring well and filtered groundwater samples from 12 wells were analyzed for PCBs as part of the fall 2005 sampling event. Because monitoring well UB-MW-5 was sampled and analyzed under the baseline monitoring program protocol, both unfiltered and filtered samples from this well were analyzed for PCBs. The remaining wells, however, were sampled and analyzed in accordance with the interim monitoring program protocols, which provide for analysis of filtered PCB samples only. The PCB analytical results are summarized in Table A-1 within Appendix A. As discussed in Appendix F, the PCB sample data from well OPCA-MW-8 and a portion of the data from well OPCA-MW-3 were rejected due to low surrogate recoveries attributed to matrix interference. PCBs were detected in ten of the eleven filtered samples that produced valid data, including in well OPCA-MW-3 (where the PCB results for Aroclor-1254 and total PCB concentration were valid but the other PCB results were rejected). The total detected PCB concentration in the filtered samples ranged from an estimated concentration of 0.000037 ppm to 0.00069 ppm. No PCBs were detected in the unfiltered sample collected from well UB-MW-5.

3.2.4 PCDD/PCDF Results

Groundwater samples collected from 12 monitoring wells were analyzed for PCDDs/PCDFs during the fall 2005 sampling event. The analytical results are summarized in 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. Thus, total TEQ concentrations are presented for all 12 groundwater samples analyzed during this sampling event. Total TEQ concentrations range from 6.9×10^{-9} ppm to 2.1×10^{-8} ppm.

3.2.5 Inorganic Constituent Results

Unfiltered groundwater samples were collected from one monitoring well (UB-MW-5, which was sampled and analyzed under the prior baseline monitoring program protocol) and filtered groundwater samples were obtained from 12 monitoring wells (11 which were sampled and analyzed in accordance with the current interim monitoring program protocols, plus well UB-MW-5) for analysis of inorganic constituents during the fall 2005 sampling event. The analytical results for these samples are summarized in Table A-1 within Appendix A. All

sampling locations contained inorganic constituents in either the unfiltered or filtered samples. Seven individual inorganic constituents were observed in the unfiltered sample, and up to ten individual inorganic constituents were detected in at least one filtered sample. The most commonly observed inorganics were barium (detected in the unfiltered sample and all 12 of the filtered samples), copper (detected in the unfiltered sample and 7 filtered samples) and cyanide (detected in the unfiltered sample and 6 filtered samples).

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 December 2005), 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 0.018 ppm.

4. Assessment of Results

4.1 General

This report constitutes the fourth interim groundwater quality monitoring report for GMA 4, and is the tenth 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 fall 2005 groundwater sampling event, supplemented with historical groundwater analytical data where 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 numerical standards (Wave 2 Standards) for a number of constituents. In approving those standards, MDEP stated that the revised standards are expected to become effective on April 3, 2006. MDEP stated, however, that parties may, at their option, use those revised standards pursuant to 40 CMR 40.0982(7) to characterize risk at a disposal site and the use of these standards will be considered a Method 2 Risk Characterization. For PCBs, the issued Wave 2 standards do not change the current Method 1 standard, but they state that PCBs will be subject to a further change in a spring 2006 proposal by MDEP. For the assessment of analytical results included in this report, GE will continue to utilize the current MCP Method 1 standards. Once the Wave 2 Standards become effective, GE proposes to incorporate those standards into future data assessments at this GMA.

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 – or – as identified in the interim monitoring program, specifically well GMA4-5), 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 fall 2005 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 – Fall 2005

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the fall 2005 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 fall 2005 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 analyzed as either a filtered or unfiltered sample (i.e., PCBs and inorganics), the filtered results were utilized for comparison to the MCP GW-2 and GW-3 standards, while both the filtered and unfiltered results were compared to the MCP UCLs for groundwater. Monitoring well UB-MW-5 was sampled and analyzed under the baseline program protocols (i.e., both filtered and unfiltered samples were collected) while the remaining wells were sampled and analyzed in accordance with the approved interim program protocols during the fall 2005 sampling event, which provides for the collection of filtered data only for PCB and inorganic constituent analyses (as appropriate).

4.3.1 Groundwater Results Relative to GW-2 Performance Standards

Groundwater samples were collected from five 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-1, OPCA-MW-4, OPCA-MW-5R, and UB-MW-5. In addition to these GW-2 compliance wells, monitoring wells H78B-16 and H78B-17R were also sampled and the results from those analyses were compared to the GW-2 standards due to their location near the boundary of this GMA and upgradient of occupied buildings. The fall 2005 groundwater analytical results for the detected constituents within these seven wells were compared to the MCP Method 1 GW-2 standards as presented in Table 6.

As shown in Table 6, vinyl chloride was the only constituent observed at concentrations above the MCP Method 1 GW-2 standard, and this exceedance occurred in a single well that is not classified as a GW-2 well. That constituent was detected at an estimated concentration of 0.0064 ppm in well H78B-16, as compared to the

Method 1 GW-2 standard of 0.002 ppm. This concentration is lower than that detected at the same well during the prior sampling event at this well in spring 2004. Well H78B-16 is located downgradient from and adjacent to PGC's Steam Turbine Generator Building. It is worth noting that the closest occupied building to monitoring well H78B-16 is PGC's Steam Turbine Generator Building approximately 130 feet to the north. Based on this distance the GW-2 standards should not be applicable for well H78B-16. At well H78B-17R, located downgradient from this location, vinyl chloride was not detected.

The SOW requires that interim response actions be proposed at locations where samples exceed the Method 1 GW-2 standards at GW-2 compliance wells in which: (a) such an exceedance had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-2 standard and the groundwater concentration is greater than or equal to 5 ppm total VOCs (if the exceedance was not previously addressed). These interim response actions may include: (1) further assessment activities, such as resampling, increasing the sampling frequency to quarterly, additional well installation, soil gas sampling, desk-top modeling of potential volatilization of chemicals from groundwater to the indoor air of nearby occupied buildings, and/or sampling of the indoor air of such buildings; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and/or proposal of alternative risk-based GW-2 Performance Standards.

For monitoring well H78B-16, although the results are being compared to the Method 1 GW-2 standards, the well should not be classified as a GW-2 well as this well is located at a distance much greater than 30 feet from an occupied building. Moreover, even if it were a GW-2 well, each of the four previous sampling events at this well, with the exception of the fall 2002 event, showed some minor exceedances of the GW-2 standard for vinyl chloride. Since vinyl chloride has been previously detected at monitoring well H78B-16, the concentration detected is significantly less than 5ppm, and GE is already conducting additional downgradient monitoring, further interim response action are not being proposed. However, as a conservative approach to identifying potential offsite levels in groundwater, GE will continue to sample this well annually and to compare the results to the MCP Method 1 GW-2 standards.

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 and a potential trigger level for the proposal of interim response actions).

During the spring 2003 sampling event, vinyl chloride was detected in well OPCA-MW-4 at a concentration of 0.0028 ppm, slightly above the Method 1 GW-2 standard of 0.002 ppm. In the spring 2003 Baseline Report, GE noted that this well is more than 30 feet from an occupied building, suggesting that GW-2 classification may not

be appropriate for this well. However, GE proposed to collect additional data to assess whether additional response actions were necessary with regard to that well. This constituent was not detected during the fall 2003 sampling event. However, vinyl chloride was again detected at well OPCA-MW-4 in spring 2004, at a concentration of 0.0015 ppm, which is below the applicable Method 1 GW-2 standard of 0.002 ppm. During the fall 2004, spring 2005, and fall 2005 sampling events, vinyl chloride was not detected in this well. Based on these results, GE does not believe that additional response actions beyond further monitoring are necessary at well OPCA-MW-4 to address this prior exceedance. GE will continue monitoring this well as part of the OPCA semi-annual groundwater monitoring program.

4.3.2 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected from 14 wells for which all but one (well H78B-16) are designated as GW-3 monitoring points during the fall 2005 groundwater sampling event. The analytical results for the constituents detected in the 14 GW-3 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 fall 2005 analytical results from the 14 monitoring wells with GW-3 standards, only one of the GW-3 monitoring wells sampled during the fall 2005 sampling event (i.e., downgradient perimeter well H78B-17R) has been designated as a compliance point for the GW-3 standards. The remaining GW-3 wells are either upgradient perimeter wells (78-1, 78-6, and UB-MW-5), general source area/sentinel wells (H78B-15, and OPCA-MW-1 through OPCA-MW-8), or supplemental monitoring points (well H78B-16).

The comparisons set forth in Table 7 show that the total PCB concentrations detected within the filtered samples collected from well OPCA-MW-1 (0.00069 ppm) and OPCA-MW-7 (0.00039 ppm) exceed the applicable MCP Method 1 GW-3 groundwater standard of 0.0003 ppm. In addition to this exceedance, the detected concentration of cyanide in the filtered sample collected from well 78-6 (0.011 ppm) slightly exceeded the MCP Method 1 GW-3 groundwater standard of 0.01 ppm. This is the first time that these constituents have exceeded their respective MCP Method 1 GW-3 groundwater standard at wells OPCA-MW-7 or 78-6.

The SOW requires that interim response actions must be proposed for baseline sampling results which exceed Method 1 GW-3 standards at downgradient perimeter monitoring wells, in which: (a) such an exceedence had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-3 standard and the groundwater concentration is greater than or equal to 100 times the GW-3 standard (if the exceedance was not previously addressed). These interim response actions may include: (1) further assessment activities, such as

resampling, increasing the sampling frequency to quarterly, additional well installation, and/or continuing the baseline monitoring program; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and proposal of alternative risk-based GW-3 Performance Standards.

None of the three wells where the Method 1 GW-3 standards were exceeded in fall 2005 (wells 78-6, OPCA-MW-1, and OPCA-MW-7) is a downgradient perimeter well. In addition, an exceedance of the MCP GW-3 standard for PCBs was previously observed in filtered samples from well OPCA-MW-1 in spring 2004 and higher levels of PCBs have previously been observed in unfiltered samples from this location. Although the PCB result from well OPCA-MW-7 represented the first detection of PCBs above the MCP GW-3 standard, the detected concentration is only slightly above the standard and low levels of PCBs have previously been observed in both filtered and unfiltered samples from this location at other times during the baseline monitoring program. This was also the first time that cyanide was detected in filtered samples from well 78-6 at concentrations above the MCP GW-3 standard, although cyanide concentrations above this standard have previously been observed in unfiltered samples from this location.

Therefore, GE's proposed response action to address these exceedances is to continue monitoring these wells as part of the OPCA semi-annual groundwater monitoring program. In addition, as discussed in Section 5.3.1, GE also proposes to further evaluate the presence of cyanide in GMA 4 groundwater during the future interim monitoring events by incorporating modifications to the analytical method recently finalized by MDEP to determine the concentrations of physiologically available cyanide (PAC) in the samples. As additional data are collected, GE will assess whether further response actions are necessary at either well.

4.3.3 Comparison to Upper Concentration Limits

In addition to comparing the fall 2005 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 fall 2005 sampling event.

4.3.4 Comparison to OPCA Baseline and Prior Groundwater Data

Groundwater samples were collected from 11 OPCA monitoring wells during the fall 2005 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 historical analytical data from the OPCA monitoring program are summarized in Table B-1 within Appendix B. The results of these comparisons for each analytical constituent group (i.e., VOCs, SVOCs, PCBs, PCDDs/PCDFs, and inorganics) are discussed below.

Overall, the fall 2005 groundwater sampling results from the OPCA monitoring wells indicate no significant OPCA-related impacts on concentrations of PCBs or other Appendix IX+3 constituents in groundwater. Although certain constituents were detected at levels above the applicable MCP Method 1 GW-3 standard in filtered samples collected from OPCA wells 78-6 (cyanide), OPCA-MW-1 (PCBs), and OPCA-MW-7 (PCBs), the detected concentrations of those constituent were only slightly above the respective MCP Method 1 GW-3 standards. The detected concentrations of all other constituents were below the applicable UCLs, Method 1 GW-2 standards, and/or Method 1 GW-3 standards.

VOCs

Trace levels of five VOCs were detected in the fall 2005 OPCA monitoring well samples. Specifically, carbon disulfide, chloromethane, dibromomethane, toluene, and trichloroethene were each detected in one or two of the OPCA monitoring wells. At monitoring well OPCA-MW-3, carbon disulfide was detected at an estimated concentration of 0.00055 ppm. Chloromethane was detected in monitoring well OPCA-MW-8 at an estimated concentration of 0.00067 ppm. Dibromomethane was detected at monitoring wells 78-6 and OPCA-MW-7 at estimated concentrations of 0.0011 ppm and 0.0026 ppm, respectively. Toluene was detected at OPCA monitoring wells 78-1 and OPCA-MW-5R at estimated concentrations of 0.0015 ppm and 0.0016 ppm, respectively. Trichloroethene was detected at an estimated concentration of 0.0010 ppm in monitoring well OPCA-MW-4. The toluene and trichloroethene concentrations are well below the applicable MCP Method 1 GW-3 standards and UCLs (no MCP GW-3 standards or UCLs are available for the remaining compounds). 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 depicting total VOC concentrations over time 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

During the fall 2005 sampling event, only one SVOC constituent was detected in a single OPCA monitoring well sample. Specifically, 1,2,4-Trichlorobenzene was detected at an estimated concentration of 0.0016 ppm in monitoring well OPCA-MW-2 but was non-detect in a duplicate sample taken from this location. The detected concentration is well below the applicable MCP GW-3 standard; however, this monitoring event represents the first time that 1,2,4-Trichlorobenzene has been detected at this well or any of the other GMA 4/OPCA wells since initiation of the baseline sampling activities. As discussed below, GE plans to continue the OPCA groundwater monitoring program and to continue to monitor the concentration of this and other constituents in the OPCA wells.

PCBs

The fall 2005 PCB results for the OPCA wells indicate that PCBs were detected in eight filtered samples from the OPCA wells. No PCBs were detected in the sample from well H78B-15. As discussed in Appendix F, the PCB sample data from wells OPCA-MW-3 and OPCA-MW-8 was rejected during data validation. As illustrated on the historical PCB concentration graphs in Appendix B, PCB concentrations have not changed significantly at the OPCA monitoring wells since the commencement of the baseline monitoring event. Although two of the filtered samples contained PCBs slightly above the applicable Method 1 GW-3 standard of 0.0003 ppm (OPCA-MW-1 and OPCA-MW-7 at concentrations of 0.00069 ppm and 0.00039 ppm, respectively), none was above the applicable UCL of 0.005 ppm.

Other Appendix IX+3 Constituents

Trace levels of PCDFs were observed in eight OPCA groundwater monitoring program wells during the fall 2005 sampling event. No PCDDs were detected in any of the OPCA groundwater samples. 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 calculated during the OPCA baseline investigation 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. With the exception of the slight exceedance of the Method 1 GW-3 standard for the filtered cyanide sample collected from well 78-6 (sample concentration of 0.011 ppm compared to an MCP GW-3 standard of 0.01 ppm), none of the remaining detected inorganic constituents exceeded the applicable groundwater standards during this sampling event.

4.3.5 Pittsfield Generating Company Supply Well

As noted above, PGC analyzed one groundwater sample obtained from its deep bedrock 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 0.012 ppm and 0.038 ppm since June 1996, with the fall 2005 total VOC result (0.018 ppm) residing in the lower portion 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 fall 2005 that have been previously sampled and analyzed for those constituents 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, it appears that VOCs and PCBs have not been detected or consistently remained at low levels in the majority of the wells that have been monitored. The fall 2005 groundwater sampling and analysis activities performed at GMA 4 indicate no significant impacts on groundwater. With the exceptions discussed in Section 4.3 above, all detected constituents were at levels below the respective Method 1 GW-2 standards, Method 1 GW-3 standards, and/or UCLs for groundwater.

4.5 NAPL Monitoring Results

NAPL monitoring was conducted during all groundwater elevation monitoring activities conducted in fall 2005. 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 fall 2005). 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. Proposed Modifications to Interim Groundwater Quality Monitoring Program

5.1 General

In fall 2005, GE conducted the fourth 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 interim monitoring program is designed to obtain additional data from locations where it is not yet clear whether the initial baseline groundwater quality results indicate that the particular well may require future monitoring in a long-term monitoring program. In addition, the OPCA monitoring program will be continued during the interim period with sampling and analysis being conducted on a semi-annual basis. GE will also continue to attempt to complete baseline sampling at the one location (UB-MW-5) that could not be sampled during every event of the initial two-year baseline monitoring program,

This section contains a description of certain proposed modifications to the interim groundwater monitoring program that were previously proposed in the Spring 2005 Groundwater Quality Report (awaiting EPA comment/approval) or developed based on the results of the fall 2005 groundwater sampling event.

5.2 Previously-Proposed Modifications to Interim Groundwater Quality Monitoring Program

As described in the Spring 2005 Groundwater Quality Report, the fourth baseline sample for SVOCs was collected from monitoring well H78B-13R in spring 2005 and GE evaluated the analytical data from this location to assess whether this well should be included in the interim sampling program. For well H78B-13R, this evaluation determined that all average constituent concentration values were below 50% of the applicable MCP GW-3 standards and that the concentrations of constituents detected at this well during the baseline program showed a general decreasing trend. Therefore, GE did not propose to include this well in the interim groundwater quality program at GMA 4. As such, no sampling was performed at this well in fall 2005, although groundwater elevation data was collected.

GE performed a similar evaluation for well GMA4-5, which was installed downgradient of GMA 4 as a GW-2 sentinel well and was also monitored under the Commercial Street Site ACO program. This evaluation determined that all average constituent concentration values were below 50% of the applicable MCP GW-2

standards. Moreover, the quarterly sampling program conducted at the Commercial Street Site show that constituents in this well either are present only in trace quantities or were not detected. In its May 31, 2005 letter entitled *Commercial Street Site, Pittsfield, Massachusetts (GEACO230); Results of Supplemental Groundwater Investigation – Spring 2005*, GE proposed that no further monitoring be conducted at well GMA4-5 under the Commercial Street ACO program. Likewise, in the Spring 2005 Groundwater Quality Report GE proposed not to include this well in the interim groundwater quality program at GMA 4 and did not utilize this well in fall 2005 (although groundwater elevation data was collected in September 2005 as part of the continuing Commercial Street Site groundwater monitoring program.

5.3 Proposed Modifications to Interim Groundwater Quality Monitoring Program

Apart from the previously-proposed program modifications discussed above, the only other modifications to the interim program proposed at this time are to utilize the PAC protocols for future cyanide analyses under the interim monitoring program, to decommission one monitoring well that is located within the area to be encompassed by the expanded Hill 78 OPCA (a nearby well is proposed to replace the decommissioned well in the OPCA groundwater monitoring network), and to initiate quarterly groundwater elevation monitoring at a portion of GMA 4. Each of these proposals are discussed below.

5.3.1 Proposed Modifications to Cyanide Analytical Method

In the *Plant Site 1 Groundwater Management Area Groundwater Quality Monitoring Interim Report for Fall 2004* (Fall 2004 GMA 1 Groundwater Quality Report, approved by EPA in a letter dated May 31, 2005), GE proposed to evaluate the presence of cyanide in groundwater at that GMA by incorporating modifications to the analytical method recently finalized by MDEP to determine the concentrations of physiologically available cyanide (PAC) in the samples. Following EPA approval, GE analyzed each sample scheduled for cyanide analysis in the fall 2005 sampling round at GMA 1 by the standard method that has been utilized up to the present time in the program (i.e., EPA Method 9014) and also under the PAC protocols contained in the August 13, 2004 MDEP document entitled *Quality Assurance and Quality Control Requirements and Performance Standards for SWC-846 Method 9014, Total Cyanide and the MADEP Physiologically Available Cyanide (PAC) Protocol for the Massachusetts Contingency Plan (MCP)*. As discussed in the *Plant Site 1 Groundwater Management Area Groundwater Quality Monitoring Interim Report for Fall 2005* (Fall 2005 GMA 1 Groundwater Quality Report), those results indicated that the two methods produced similar results (i.e., low

levels of cyanide detected near or below the practical quantitation limit). Since the PAC data may be more useful to support future risk assessment-related activities related to cyanide in groundwater than the current total cyanide data (if any such activities are found to be necessary), GE proposed to implement the PAC protocol for all future cyanide analyses from GMA 1 groundwater. For the same reasons, GE proposes to utilize the PAC protocol for all future cyanide analyses of GMA 4 groundwater.

5.3.2 Proposed Modifications to OPCA Groundwater Monitoring Network

GE has recently proposed to expand the Hill 78 OPCA to the south and west of its current limits. The proposed expansion will cover the OPCA-MW-1 well location, and GE proposes to decommission this well following EPA approval of the OPCA expansion. That well is included in the OPCA groundwater monitoring program as a GW-2 Sentinel Well/GW-3 General Source Area Sentinel Well utilized to monitor groundwater conditions to the west of the OPCAs. GE proposes to resume groundwater quality sampling activities at well GMA4-4 to replace well OPCA-MW-1. Well GMA4-4 was installed sampled during the GMA 4 baseline monitoring program as a replacement for well NY-4, which was found to be inadequate for sampling purposes. The well was placed at an EPA-approved location to the south of the Tyler Street extension and west of well OPCA-MW-1 (see Figure 2). In the Fall 2003 GMA 4 Groundwater Quality Report, GE proposed to discontinue sampling activities at well GMA4-4, based on the existing data from that well and the fact that well OPCA-MW-1 is located between well GMA4-4 and the Hill 78 OPCA and provided a monitoring point closer to the OPCAs. Following the upcoming OPCA expansion, well GMA4-4 will be well-positioned to serve as a monitoring point to the west of the Hill 78 OPCA. Therefore, GE proposes that well GMA4-4 be designated as a GW-2 Sentinel Well/GW-3 General Source Area Sentinel Well for future groundwater monitoring activities, beginning with the next semi-annual sampling event following the decommissioning of well OPCA-MW-1. If well OPCA-MW-1 is not decommissioned prior to the next sampling event scheduled for April 2006, it will continue to be sampled. Otherwise, GE will sample well GMA4-4.

5.3.3 Proposed Modifications to Groundwater Elevation Monitoring Network

During recent technical discussions between GE and EPA, EPA has requested additional delineation of groundwater flow patterns along the northern boundary of GMA 4. In response to this request, GE proposes to monitor 17 wells along each side of this boundary on a quarterly basis for groundwater elevations and presence of NAPL. The proposed monitoring network includes 13 wells that are currently monitored on a semi-annual

basis as part of the GMA 4 interim monitoring program (i.e., wells 78-1, 78-2, 78-6, GMA4-4, NY-4, and OPCA-MW-1 through OPCA-MW-8), three wells located outside GMA 4 that are not currently included in any monitoring programs (i.e., wells ES1-20, NY-3, and SCH-4), and one proposed new well to be designated as well GMA4-6. A summary of the proposed quarterly groundwater elevation monitoring network is provided in Table 10 and well locations are illustrated on Figure 2. If any of the wells being added to the program is not located or found to be unusable (including well NY-4, which was not located in fall 2005), GE will install a replacement well at the approximate location with a screen setting positioned to monitor across the water table. GE will continue its semi-annual groundwater elevation monitoring for the remaining GMA 4 monitoring wells listed in that table and will continue to collect groundwater elevation data and monitor for the presence of NAPL at well GMA4-3 on a monthly basis during the interim monitoring program.

6. Schedule of Future Activities

6.1 General

This section presents the schedule for future interim groundwater monitoring activities and reporting for GMA 4. This schedule assumes that the modifications to the interim groundwater quality monitoring program proposed in Section 5 will be implemented. Specifically, this section provides a schedule for the upcoming spring 2006 interim monitoring event and associated groundwater elevation monitoring and reporting activities.

6.2 Field Activities Schedule

GE anticipates that the spring 2006 interim sampling event will take place in April 2006. Semi-annual sampling and analyses will continue to be performed at the 11 OPCA groundwater monitoring program wells. However, as discussed in Section 5.3.2, well GMA4-4 is proposed to be sampled in place of well OPCA-MW-1 if that well is decommissioned prior to performance of the groundwater sampling event. Analysis will be performed according to the requirements of the OPCA groundwater monitoring program as it existed prior to initiation of the baseline monitoring program (with the previously-approved elimination of the collection of unfiltered samples for PCB, metals, and cyanide analysis). The one well that still does not have four complete baseline monitoring data sets (UB-MW-5) will be attempted to be sampled for the GW-3 analytical parameter list (excluding pesticides and herbicides). GE will also collect samples from wells H78B-16 and H78B-17R for VOC analyses (as discussed in the Spring 2005 Groundwater Quality Report, GE does not plan to conduct interim sampling activities at wells GMA4-5 or H78B-13, pending EPA approval of that report). In addition to this sampling, GE will also collect groundwater elevation data from the wells listed in Table 9. Groundwater elevations from select wells will also be monitored on a quarterly basis, with future monitoring rounds conducted during the months of April, July, October, and January. Well GMA4-3 will continue to be monitored for NAPL on a monthly basis throughout spring 2006.

Following EPA approval of the proposal contained in Section 5.3.2, GE will decommission well OPCA-MW-1 in accordance with the procedures specified in GE's FSP/QAPP and will incorporate well GMA4-4 as a replacement for future OPCA groundwater quality monitoring activities.

Following EPA approval of the proposal contained in Section 5.3.3, GE will conduct an inspection of wells ES1-20, NY-3, NY-4, and SCH-4 to ascertain whether these wells are usable for groundwater elevation monitoring purposes. If any of these wells is found to be unusable, GE will repair the well, install a new water table monitoring well, or propose an alternate course of action to EPA, as appropriate. In addition, GE will install new water table monitoring well GMA4-6 at the location illustrated on Figure 2.

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

6.3 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 Spring 2006 Interim Groundwater Quality Report for GMA 4 by August 31, 2006, in accordance with the reporting schedule approved by EPA. That report will present the final, validated spring 2006 interim sampling results, including a summary of data from other groundwater-related activities conducted at GMA 4 between January 2006 and June 2006, a discussion of those results, and any proposals to further modify the interim monitoring program.

Tables

TABLE 1
MONITORING PROGRAM SUMMARY

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Comments
78-1	OPCA Groundwater Monitoring Program/ GW-3 Perimeter (Upgradient)	Semi-Annual	PCB/App. IX (1,2)	
78-6	OPCA Groundwater Monitoring Program/ GW-3 Perimeter (Upgradient)	Semi-Annual	PCB/App. IX (1,2)	
H78B-16	Supplemental Well for TCE Evaluation	Annual (3)	VOC	Data compared to both GW-2 and GW-3 standards to evaluate TCE and other VOC concentrations at downgradient edge of GMA.
H78B-17R	GW-3 Perimeter (Downgradient)	Annual (3)	VOC	Data compared to both GW-2 and GW-3 standards to evaluate TCE and other VOC concentrations at downgradient edge of GMA.
H78B-15	OPCA Groundwater Monitoring Program/ GW-2 Sentinel/GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
OPCA-MW-1	OPCA Groundwater Monitoring Program/ GW-2 Sentinel/GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
OPCA-MW-2	OPCA Groundwater Monitoring Program/ GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
OPCA-MW-3	OPCA Groundwater Monitoring Program/ GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	The PCB data from this well was rejected following data validation.
OPCA-MW-4	OPCA Groundwater Monitoring Program/ GW-2 Sentinel/GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
OPCA-MW-5R	OPCA Groundwater Monitoring Program/ GW-2 Sentinel/GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
OPCA-MW-6	OPCA Groundwater Monitoring Program/ GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
OPCA-MW-7	OPCA Groundwater Monitoring Program/ GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	Well ran dry during purging. Several visits over six different days were required to collect the appropriate sample volume for each parameter analyzed.
OPCA-MW-8	OPCA Groundwater Monitoring Program/ GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	The PCB data from this well was rejected following data validation.
UB-MW-5	GW-2 Sentinel/GW-3 Perimeter (Upgradient)	Semi-Annual (4)	PCB/App. IX (1,5)	Well ran dry during purging. Several visits over seven different days were required to collect the appropriate sample volume for each parameter analyzed.

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. In accordance with the interim monitoring program protocols, analyses for PCBs, metals, and cyanide performed on filtered samples only.
3. 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 second scheduled interim sampling event was performed in fall 2005.
4. Well included due to less than four rounds of baseline data (i.e., UB-MW-5) will be sampled on a semi-annual basis and may be proposed to be removed from the interim groundwater quality monitoring program after the fourth data set is collected or if despite additional attempts data cannot be obtained.
5. In accordance with the baseline monitoring program protocols, analyses for PCBs, metals, and cyanide performed on both filtered and unfiltered samples.

TABLE 2
MONITORING WELL CONSTRUCTION SUMMARY

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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	NA	NA	NA	NA
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
GMA4-5	534524.90	136816.60	2.00	993.56	993.34	8.0	10.0	985.56	975.56
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	535509.00	135077.21	4.00	1,005.60	1,005.33	10.0	15.0	995.60	980.60
NY-4	535669.92	135360.10	4.00	1,024.80	1,024.24	17.0	15.0	1,007.80	992.80
OPCA-MW-1	535456.40	135582.10	2.00	1,017.10	1,019.60	20.1	10.0	997.00	987.00
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

TABLE 2
MONITORING WELL CONSTRUCTION SUMMARY

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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							
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

NOTES:

1. ft AMSL - Feet above mean sea level
2. ft BGS - Feet below ground surface
3. NA - Information not available.

TABLE 3
GROUNDWATER ELEVATION DATA - FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Date Measured	Groundwater Elevation [1]
60A	10/26/2005	<963.27
60B-R	10/26/2005	987.67
78-1	10/26/2005	1,019.50
78-2	10/26/2005	1,025.19
78-3	10/26/2005	990.35
78-4	10/26/2005	987.40
78-5R	10/26/2005	993.37
78-6	10/26/2005	1,006.25
GMA4-1	10/26/2005	990.37
GMA4-2	10/26/2005	993.19
GMA4-3	10/26/2005	987.07
GMA4-4	10/26/2005	989.67
H78B-13R	10/26/2005	983.35
H78B-15	10/26/2005	999.60
H78B-16	10/26/2005	988.50
H78B-17	10/26/2005	986.42
H78B-17R	10/26/2005	987.71
OPCA-MW-1	10/26/2005	1,012.46
OPCA-MW-2	10/26/2005	1,002.89
OPCA-MW-3	10/26/2005	994.50
OPCA-MW-4	10/26/2005	1,006.62
OPCA-MW-5R	10/26/2005	1,004.43
OPCA-MW-6	10/26/2005	1,005.58
OPCA-MW-7	10/26/2005	1,005.70
OPCA-MW-8	10/26/2005	1,016.07
RF-14	10/26/2005	993.55
RF-15	10/26/2005	997.84
UB-MW-5	10/26/2005	991.56
UB-MW-6	10/26/2005	997.35

NOTES:
1. The elevation shown is in feet above mean sea level.
2. Well NY-4 was scheduled to be monitored, but this well was unable to be located.
3. The data shown above was utilized in the preparation of the fall 2005 groundwater elevation contour map for GMA 4. Other groundwater elevation data collected during fall 2005 is provided in Appendix E.

TABLE 4
GROUNDWATER SAMPLING METHODS

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Type of Pump	Average Fall Depth to Water (ft-bgs)	Depth to Till (ft-bgs)	Well Screen Interval (ft-bgs)	Approximate Pump Intake Placement [1] (ft-bgs)
78-1	Peristaltic	13.0	12	8-23	Near Till Interface
78-6	Peristaltic	10.3	13	3-18	Above Till Interface
H78B-15	Peristaltic	12.7	14	6-16	Near Till Interface
H78B-16 [2]	Peristaltic	9.5	14	4-14	Mid-Column
H78B-17R [2]	Bladder	12.7	14	14.3-23.6	Mid-Column
OPCA-MW-1	Peristaltic	8.1	14	20.1-30.1	Mid-Screen
OPCA-MW-2	Bladder	16.6	>23	13-23	Mid-Column
OPCA-MW-3	Bladder	21.3	>28	18-28	Mid-Column
OPCA-MW-4	Peristaltic	13.8	>22	12-22	<5 ft Below Water Table
OPCA-MW-5R	Peristaltic	14.0	17	11.25-21.25	Near Till Interface
OPCA-MW-6	Bladder	19.3	>25	15-25	Mid-Column
OPCA-MW-7	Peristaltic	19.3	18	14-24	Near Till Interface
OPCA-MW-8	Bladder	14.4	7	13.5-23.5	Mid-Column
UB-MW-5	Peristaltic	15.0	2	7-17	<5 ft Below Water Table

NOTES:

1. Pump intake is generally placed at the center of the saturated well screen in a typical 10-foot screen length well that intersects the water table. Modifications may be required when the water table is above the top of the well screen, for wells with saturated screened lengths greater than 10 feet, and for wells screened across the till interface. The five pump placement categories for GMA 4 are listed below. If the actual depth to water varies significantly from the average values provided above, the pump intake depth is re-assessed in the field and placed accordingly.

   Mid-Column Well screen straddles water table and is placed entirely above or below till interface, and less than 10 feet of water is typically present. Therefore, pump intake is located at mid-point between water surface and base of well.

   Mid-Screen: Well screen is positioned below the water table and is placed entirely above or below till interface. Therefore, pump intake is to be located at mid-point of the well screen.

   <5 ft Below Water Table: Well screen straddles water table and is placed entirely above or below till interface, and greater than 10 feet of water is typically present. Therefore, the pump intake is located five feet or less below the water surface.

   Above Till Interface: Well screen crosses till interface and water table is present above till surface. Therefore, pump intake is located just above till interface to facilitate pumping from more permeable upper unit.

   Near Till Interface: Well screen crosses till interface and water table is present near till surface. Therefore, pump intake is to be located just above till interface (if sufficient water is present), or as close to till interface as possible if water levels draw down to below that depth during pumping.

2. 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 second scheduled interim sampling event was performed in fall 2005.

TABLE 5
FIELD PARAMETER MEASUREMENTS - FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Date Sampled	Temperature (deg. C)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)
78-1	10/11/2005	16.02	6.25	0.700	8	3.22	200.9
78-6	10/11/2005	16.29	6.61	2.257	13	0.85	-74.1
H78B-15	10/17/2005	15.23	6.94	0.543	2	6.97	211.3
H78B-16	10/10/2005	13.50	6.63	1.056	6	1.21	549.2
H78B-17R	10/13/2005	13.92	7.12	1.482	10	2.00	33.8
OPCA-MW-1	10/12/2005	11.76	7.51	0.510	1	1.27	210.8
OPCA-MW-2	10/12/2005	11.24	6.81	1.098	3	9.85	131.2
OPCA-MW-3	10/12/2005	13.00	6.71	0.736	24	1.38	84.8
OPCA-MW-4	10/11/2005	14.88	6.57	0.722	5	2.21	86.6
OPCA-MW-5R	10/11/2005	15.50	6.65	0.332	8	1.43	236.8
OPCA-MW-6	10/17/2005	12.05	7.09	0.661	2	7.04	7.0
OPCA-MW-7 (8)	10/14/2005	14.40	6.81	1.258	14	4.42	192.0
OPCA-MW-8	10/13/2005	15.90	7.24	0.198	6	11.00	71.6
UB-MW-5 (8)	11/1/2005	17.47	6.88	1.814	7	7.57	198.9

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)
8. Well became dry prior to collection of groundwater samples for all analyses. Remaining groundwater samples were collected following recharge of well. The listed field parameter data was collected during the initial purge round.

TABLE 6
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-2 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/17/05	H78B-16 10/10/05	OPCA-MW-1 10/12/05	OPCA-MW-4 10/11/05	OPCA-MW-5R 10/11/05	UB-MW-5 10/18-11/1/2005
Volatile Organics							
Chlorobenzene	1	ND(0.0050)	0.021	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	6	ND(0.0050)	ND(0.010)	ND(0.0050)	ND(0.0050)	0.0015 J	ND(0.0050)
Trichloroethene	0.3	ND(0.0050)	0.11	ND(0.0050)	0.0010 J	ND(0.0050)	ND(0.0050)
Vinyl Chloride	0.002	ND(0.0020)	0.0064 J	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	5	ND(0.20)	0.14	ND(0.20)	0.0010 J	0.0015 J	ND(0.20)
Semivolatile Organics							
None Detected	--	--	NA	--	--	--	--

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to SGS Environmental Services, Inc. for analysis of PCBs and 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, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
4. NA - Not Analyzed.
5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
6. Only those constituents detected in one or more samples are summarized.
7. Shading indicates that value exceeds the Method 1 GW-2 Standards.
8. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles)

J - Indicates that the associated numerical value is an estimated concentration.

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05
Volatile Organics					
Carbon Disulfide	Not Listed	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.010)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.021
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Chloromethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Dibromomethane	Not Listed	ND(0.0050)	0.0011 J	ND(0.0050)	ND(0.010)
Toluene	50	0.0016 J	ND(0.0050)	ND(0.0050)	ND(0.010)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.11
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0064 J
PCBs-Unfiltered					
Aroclor-1254	Not Applicable	NA	NA	NA	NA
Total PCBs	Not Applicable	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	0.000090	0.000065 J	ND(0.000065)	NA
Total PCBs	0.0003	0.000090	0.000065 J	ND(0.000065)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	NA
Furans					
2,3,7,8-TCDF	Not Listed	0.0000000035 J	0.0000000026 J	ND(0.0000000019)	NA
TCDFs (total)	Not Listed	0.0000000035 J	0.0000000026 J	ND(0.0000000019)	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
PeCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
HxCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
HpCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
OCDF	Not Listed	ND(0.0000000096)	ND(0.0000000098)	ND(0.0000000099)	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000026)	ND(0.0000000022)	ND(0.0000000024)	NA
TCDDs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000034)	ND(0.0000000024)	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
PeCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
HxCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
HpCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA
OCDD	Not Listed	ND(0.000000022)	ND(0.000000013)	ND(0.000000011)	NA
Total TEQs (WHO TEFs)	0.0000001	0.0000000071	0.0000000069	0.0000000070	NA
Inorganics-Unfiltered					
Arsenic	Not Applicable	NA	NA	NA	NA
Barium	Not Applicable	NA	NA	NA	NA
Cadmium	Not Applicable	NA	NA	NA	NA
Chromium	Not Applicable	NA	NA	NA	NA
Cobalt	Not Applicable	NA	NA	NA	NA
Copper	Not Applicable	NA	NA	NA	NA
Cyanide	Not Applicable	NA	NA	NA	NA
Lead	Not Applicable	NA	NA	NA	NA
Nickel	Not Applicable	NA	NA	NA	NA
Vanadium	Not Applicable	NA	NA	NA	NA
Zinc	Not Applicable	NA	NA	NA	NA

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05
Inorganics-Filtered					
Arsenic	0.4	ND(0.0100)	0.00540 B	ND(0.0100)	NA
Barium	30	0.0220 B	0.0890 B	0.0180 B	NA
Cadmium	0.01	0.00110 B	ND(0.00500)	ND(0.00500)	NA
Chromium	2	ND(0.01)	ND(0.01)	ND(0.0100)	NA
Cobalt	Not Listed	0.00110 B	0.00240 B	ND(0.0500)	NA
Copper	Not Listed	0.00240 B	ND(0.0250)	0.00280 B	NA
Cyanide	0.01	ND(0.0100)	0.0110	0.00480 B	NA
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.003)	NA
Nickel	0.08	0.00240 B	ND(0.0400)	ND(0.0400)	NA
Vanadium	2	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Zinc	0.9	ND(0.02)	ND(0.0200)	ND(0.02)	NA

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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-17R 10/13/05	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05
Volatile Organics				
Carbon Disulfide	Not Listed	ND(0.020)	ND(0.0050) J	ND(0.0050) [ND(0.0050)]
Chlorobenzene	0.5	ND(0.020)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform	10	0.11	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloromethane	Not Listed	ND(0.020)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Dibromomethane	Not Listed	ND(0.020)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Toluene	50	ND(0.020)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene	20	0.22	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	40	ND(0.020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
PCBs-Unfiltered				
Aroclor-1254	Not Applicable	NA	NA	NA
Total PCBs	Not Applicable	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	NA	0.00069	0.00012 J [0.00019 J]
Total PCBs	0.0003	NA	0.00069	0.00012 J [0.00019 J]
Semivolatile Organics				
1,2,4-Trichlorobenzene	0.5	NA	ND(0.010) J	0.0016 J [ND(0.010) J]
Furans				
2,3,7,8-TCDF	Not Listed	NA	0.0000000026 J	0.0000000031 J [0.0000000032 J]
TCDFs (total)	Not Listed	NA	0.0000000026 J	0.0000000031 J [0.0000000032 J]
1,2,3,7,8-PeCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
2,3,4,7,8-PeCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
PeCDFs (total)	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,4,7,8-HxCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,7,8,9-HxCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
2,3,4,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
HxCDFs (total)	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
HpCDFs (total)	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
OCDF	Not Listed	NA	ND(0.0000000098)	ND(0.000000010) [ND(0.000000010)]
Dioxins				
2,3,7,8-TCDD	Not Listed	NA	ND(0.0000000025)	ND(0.0000000020) [ND(0.0000000026)]
TCDDs (total)	Not Listed	NA	ND(0.0000000025)	ND(0.0000000032) [ND(0.0000000026)]
1,2,3,7,8-PeCDD	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
PeCDDs (total)	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,4,7,8-HxCDD	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,6,7,8-HxCDD	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,7,8,9-HxCDD	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
HxCDDs (total)	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
HpCDDs (total)	Not Listed	NA	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]
OCDD	Not Listed	NA	ND(0.000000016)	ND(0.000000029) [ND(0.000000026)]
Total TEQs (WHO TEFs)	0.0000001	NA	0.0000000071	0.0000000070 [0.0000000073]
Inorganics-Unfiltered				
Arsenic	Not Applicable	NA	NA	NA
Barium	Not Applicable	NA	NA	NA
Cadmium	Not Applicable	NA	NA	NA
Chromium	Not Applicable	NA	NA	NA
Cobalt	Not Applicable	NA	NA	NA
Copper	Not Applicable	NA	NA	NA
Cyanide	Not Applicable	NA	NA	NA
Lead	Not Applicable	NA	NA	NA
Nickel	Not Applicable	NA	NA	NA
Vanadium	Not Applicable	NA	NA	NA
Zinc	Not Applicable	NA	NA	NA

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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-17R 10/13/05	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05
Inorganics-Filtered				
Arsenic	0.4	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	30	NA	0.0210 B	0.0230 B [0.0210 B]
Cadmium	0.01	NA	ND(0.00500)	0.00120 B [ND(0.00500)]
Chromium	2	NA	ND(0.01)	ND(0.01) [ND(0.0100)]
Cobalt	Not Listed	NA	ND(0.0500)	0.00100 B [ND(0.0500)]
Copper	Not Listed	NA	ND(0.0250)	0.00160 B [ND(0.0250)]
Cyanide	0.01	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	0.03	NA	ND(0.00300)	ND(0.00300) [ND(0.00300)]
Nickel	0.08	NA	ND(0.0400)	0.00230 B [ND(0.0400)]
Vanadium	2	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	0.9	NA	ND(0.02)	ND(0.02) [ND(0.02)]

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/12/05	OPCA-MW-4 10/11/05	OPCA-MW-5R 10/11/05
Volatile Organics				
Carbon Disulfide	Not Listed	0.00055 J	ND(0.0050) J	ND(0.0050) J
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	50	ND(0.0050)	ND(0.0050)	0.0015 J
Trichloroethene	20	ND(0.0050)	0.0010 J	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)
PCBs-Unfiltered				
Aroclor-1254	Not Applicable	NA	NA	NA
Total PCBs	Not Applicable	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	0.000047 J	0.00028	0.00011
Total PCBs	0.0003	0.000047 J	0.00028	0.00011
Semivolatile Organics				
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000024 J	0.0000000033 J	0.0000000033 J
TCDFs (total)	Not Listed	0.0000000024 J	0.0000000076 J	0.0000000033 J
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
PeCDFs (total)	Not Listed	ND(0.0000000049)	0.000000014 J	ND(0.0000000049)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
HxCDFs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
HpCDFs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
OCDF	Not Listed	ND(0.0000000098)	ND(0.000000010)	ND(0.0000000099)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000024)	ND(0.0000000021)	ND(0.0000000023)
TCDDs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000026)	ND(0.0000000023)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
PeCDDs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
HxCDDs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
HpCDDs (total)	Not Listed	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049)
OCDD	Not Listed	ND(0.000000022)	ND(0.000000020)	ND(0.000000018)
Total TEQs (WHO TEFs)	0.0000001	0.0000000070	0.0000000071	0.0000000071
Inorganics-Unfiltered				
Arsenic	Not Applicable	NA	NA	NA
Barium	Not Applicable	NA	NA	NA
Cadmium	Not Applicable	NA	NA	NA
Chromium	Not Applicable	NA	NA	NA
Cobalt	Not Applicable	NA	NA	NA
Copper	Not Applicable	NA	NA	NA
Cyanide	Not Applicable	NA	NA	NA
Lead	Not Applicable	NA	NA	NA
Nickel	Not Applicable	NA	NA	NA
Vanadium	Not Applicable	NA	NA	NA
Zinc	Not Applicable	NA	NA	NA

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/12/05	OPCA-MW-4 10/11/05	OPCA-MW-5R 10/11/05
Inorganics-Filtered				
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0940 B	0.0300 B	0.0310 B
Cadmium	0.01	0.000810 B	ND(0.00500)	ND(0.00500)
Chromium	2	0.000630 B	0.000600 B	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00190 B	0.00150 B	0.00210 B
Cyanide	0.01	ND(0.01)	ND(0.0100)	0.00230 B
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	0.08	ND(0.04)	ND(0.0400)	ND(0.0400)
Vanadium	2	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	ND(0.0200)	0.0720	ND(0.02)

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Volatile Organics					
Carbon Disulfide	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.5	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	10	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	Not Listed	ND(0.0050)	ND(0.0050)	0.00067 J	ND(0.0050)
Dibromomethane	Not Listed	ND(0.0050)	0.0026 J	ND(0.0050)	ND(0.0050)
Toluene	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	40	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
PCBs-Unfiltered					
Aroclor-1254	Not Applicable	NA	NA	NA	ND(0.000065)
Total PCBs	Not Applicable	NA	NA	NA	ND(0.000065)
PCBs-Filtered					
Aroclor-1254	Not Listed	0.000078	0.00039	R	0.000037 J
Total PCBs	0.0003	0.000078	0.00039	R	0.000037 J
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000022)	ND(0.0000000048)	ND(0.0000000025)	ND(0.0000000044) X
TCDFs (total)	Not Listed	ND(0.0000000015)	ND(0.0000000048)	ND(0.0000000025)	ND(0.0000000027)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
PeCDFs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000052 J
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000050)	0.0000000058 J	ND(0.0000000049)	0.0000000064 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000057 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HxCDFs (total)	Not Listed	ND(0.0000000050)	0.000000011 J	ND(0.0000000049)	0.000000027 J
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000071 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HpCDFs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000071 J
OCDF	Not Listed	ND(0.000000010)	ND(0.000000010)	ND(0.0000000098)	0.000000012 J
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000024) X	ND(0.0000000033)	ND(0.0000000031)	ND(0.000000029)
TCDDs (total)	Not Listed	ND(0.0000000031)	ND(0.0000000033)	ND(0.0000000031)	ND(0.000000029)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
PeCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HxCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000075)
HpCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000075 J
OCDD	Not Listed	ND(0.000000010)	ND(0.000000018)	ND(0.000000039)	ND(0.000000061)
Total TEQs (WHO TEFs)	0.0000001	0.0000000070	0.0000000079	0.0000000073	0.000000021
Inorganics-Unfiltered					
Arsenic	Not Applicable	NA	NA	NA	ND(0.0100)
Barium	Not Applicable	NA	NA	NA	0.0400 B
Cadmium	Not Applicable	NA	NA	NA	ND(0.00500)
Chromium	Not Applicable	NA	NA	NA	0.00140 B
Cobalt	Not Applicable	NA	NA	NA	ND(0.0500)
Copper	Not Applicable	NA	NA	NA	0.00210 B
Cyanide	Not Applicable	NA	NA	NA	0.0180
Lead	Not Applicable	NA	NA	NA	0.00300 B
Nickel	Not Applicable	NA	NA	NA	ND(0.040)
Vanadium	Not Applicable	NA	NA	NA	0.00290 B
Zinc	Not Applicable	NA	NA	NA	0.0170 B

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

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 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Inorganics-Filtered					
Arsenic	0.4	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	30	0.0170 B	0.0200 B	0.00770 B	0.0380 B
Cadmium	0.01	ND(0.00500)	0.000570 B	ND(0.00500)	ND(0.00500)
Chromium	2	0.00110 B	0.000720 B	0.000760 B	ND(0.010)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00140 B	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.01	0.00200 B	0.00140 B	ND(0.01)	0.00600 B
Lead	0.03	ND(0.003)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	0.08	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00420 B
Vanadium	2	ND(0.0500)	0.00260 B	ND(0.0500)	ND(0.0500)
Zinc	0.9	ND(0.0200)	ND(0.0200)	ND(0.0200)	0.00400 B

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and 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, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
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. With the exception dioxin/furans, only those constituents detected in one or more samples are summarized.
7. Field duplicate sample results are presented in brackets.
8. Shading indicates that value exceeds the Method 1 GW-3 Standards.

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.
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 FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05
Volatile Organics				
Carbon Disulfide	Not Listed	ND(0.0050) J	ND(0.0050) J	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane	Not Listed	ND(0.0050)	0.0011 J	ND(0.0050)
Toluene	100	0.0016 J	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)
PCBs-Unfiltered				
Aroclor-1254	Not Listed	NA	NA	NA
Total PCBs	0.005	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	0.000090	0.000065 J	ND(0.000065)
Total PCBs	0.005	0.000090	0.000065 J	ND(0.000065)
Semivolatile Organics				
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000035 J	0.0000000026 J	ND(0.0000000019)
TCDFs (total)	Not Listed	0.0000000035 J	0.0000000026 J	ND(0.0000000019)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
PeCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
HxCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
HpCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
OCDF	Not Listed	ND(0.0000000096)	ND(0.0000000098)	ND(0.0000000099)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000026)	ND(0.0000000022)	ND(0.0000000024)
TCDDs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000034)	ND(0.0000000024)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
PeCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
HxCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
HpCDDs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)
OCDD	Not Listed	ND(0.000000022)	ND(0.000000013)	ND(0.000000011)
Total TEQs (WHO TEFs)	0.000001	0.0000000071	0.0000000069	0.0000000070
Inorganics-Unfiltered				
Arsenic	4	NA	NA	NA
Barium	100	NA	NA	NA
Cadmium	0.1	NA	NA	NA
Chromium	20	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA
Copper	Not Listed	NA	NA	NA
Cyanide	2	NA	NA	NA
Lead	0.3	NA	NA	NA
Nickel	1	NA	NA	NA
Vanadium	20	NA	NA	NA
Zinc	20	NA	NA	NA

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:	UCL-GW Standards	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05
Inorganics-Filtered				
Arsenic	4	ND(0.0100)	0.00540 B	ND(0.0100)
Barium	100	0.0220 B	0.0890 B	0.0180 B
Cadmium	0.1	0.00110 B	ND(0.00500)	ND(0.00500)
Chromium	20	ND(0.01)	ND(0.01)	ND(0.0100)
Cobalt	Not Listed	0.00110 B	0.00240 B	ND(0.0500)
Copper	Not Listed	0.00240 B	ND(0.0250)	0.00280 B
Cyanide	2	ND(0.0100)	0.0110	0.00480 B
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.003)
Nickel	1	0.00240 B	ND(0.0400)	ND(0.0400)
Vanadium	20	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	20	ND(0.02)	ND(0.0200)	ND(0.02)

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:	UCL-GW Standards	H78B-16 10/10/05	H78B-17R 10/13/05	OPCA-MW-1 10/12/05
Volatile Organics				
Carbon Disulfide	Not Listed	ND(0.010)	ND(0.020)	ND(0.0050) J
Chlorobenzene	10	0.021	ND(0.020)	ND(0.0050)
Chloroform	100	ND(0.010)	0.11	ND(0.0050)
Chloromethane	Not Listed	ND(0.010)	ND(0.020)	ND(0.0050)
Dibromomethane	Not Listed	ND(0.010)	ND(0.020)	ND(0.0050)
Toluene	100	ND(0.010)	ND(0.020)	ND(0.0050)
Trichloroethene	100	0.11	0.22	ND(0.0050)
Vinyl Chloride	100	0.0064 J	ND(0.020)	ND(0.0020)
PCBs-Unfiltered				
Aroclor-1254	Not Listed	NA	NA	NA
Total PCBs	0.005	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	NA	NA	0.00069
Total PCBs	0.005	NA	NA	0.00069
Semivolatile Organics				
1,2,4-Trichlorobenzene	100	NA	NA	ND(0.010) J
Furans				
2,3,7,8-TCDF	Not Listed	NA	NA	0.0000000026 J
TCDFs (total)	Not Listed	NA	NA	0.0000000026 J
1,2,3,7,8-PeCDF	Not Listed	NA	NA	ND(0.0000000049)
2,3,4,7,8-PeCDF	Not Listed	NA	NA	ND(0.0000000049)
PeCDFs (total)	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	ND(0.0000000049)
HxCDFs (total)	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	ND(0.0000000049)
HpCDFs (total)	Not Listed	NA	NA	ND(0.0000000049)
OCDF	Not Listed	NA	NA	ND(0.0000000098)
Dioxins				
2,3,7,8-TCDD	Not Listed	NA	NA	ND(0.0000000025)
TCDDs (total)	Not Listed	NA	NA	ND(0.0000000025)
1,2,3,7,8-PeCDD	Not Listed	NA	NA	ND(0.0000000049)
PeCDDs (total)	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	ND(0.0000000049)
HxCDDs (total)	Not Listed	NA	NA	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	ND(0.0000000049)
HpCDDs (total)	Not Listed	NA	NA	ND(0.0000000049)
OCDD	Not Listed	NA	NA	ND(0.000000016)
Total TEQs (WHO TEFs)	0.000001	NA	NA	0.0000000071
Inorganics-Unfiltered				
Arsenic	4	NA	NA	NA
Barium	100	NA	NA	NA
Cadmium	0.1	NA	NA	NA
Chromium	20	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA
Copper	Not Listed	NA	NA	NA
Cyanide	2	NA	NA	NA
Lead	0.3	NA	NA	NA
Nickel	1	NA	NA	NA
Vanadium	20	NA	NA	NA
Zinc	20	NA	NA	NA

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:	UCL-GW Standards	H78B-16 10/10/05	H78B-17R 10/13/05	OPCA-MW-1 10/12/05
Inorganics-Filtered				
Arsenic	4	NA	NA	ND(0.0100)
Barium	100	NA	NA	0.0210 B
Cadmium	0.1	NA	NA	ND(0.00500)
Chromium	20	NA	NA	ND(0.01)
Cobalt	Not Listed	NA	NA	ND(0.0500)
Copper	Not Listed	NA	NA	ND(0.0250)
Cyanide	2	NA	NA	ND(0.0100)
Lead	0.3	NA	NA	ND(0.00300)
Nickel	1	NA	NA	ND(0.0400)
Vanadium	20	NA	NA	ND(0.0500)
Zinc	20	NA	NA	ND(0.02)

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:	UCL-GW Standards	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05
Volatile Organics			
Carbon Disulfide	Not Listed	ND(0.0050) [ND(0.0050)]	0.00055 J
Chlorobenzene	10	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform	100	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloromethane	Not Listed	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dibromomethane	Not Listed	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Toluene	100	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene	100	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride	100	ND(0.0020) [ND(0.0020)]	ND(0.0020)
PCBs-Unfiltered			
Aroclor-1254	Not Listed	NA	NA
Total PCBs	0.005	NA	NA
PCBs-Filtered			
Aroclor-1254	Not Listed	0.00012 J [0.00019 J]	0.000047 J
Total PCBs	0.005	0.00012 J [0.00019 J]	0.000047 J
Semivolatile Organics			
1,2,4-Trichlorobenzene	100	0.0016 J [ND(0.010) J]	ND(0.010)
Furans			
2,3,7,8-TCDF	Not Listed	0.0000000031 J [0.0000000032 J]	0.0000000024 J
TCDFs (total)	Not Listed	0.0000000031 J [0.0000000032 J]	0.0000000024 J
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
PeCDFs (total)	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
HxCDFs (total)	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
HpCDFs (total)	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
OCDF	Not Listed	ND(0.000000010) [ND(0.000000010)]	ND(0.0000000098)
Dioxins			
2,3,7,8-TCDD	Not Listed	ND(0.0000000020) [ND(0.0000000026)]	ND(0.0000000024)
TCDDs (total)	Not Listed	ND(0.0000000032) [ND(0.0000000026)]	ND(0.0000000030)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
PeCDDs (total)	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
HxCDDs (total)	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
HpCDDs (total)	Not Listed	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)
OCDD	Not Listed	ND(0.000000029) [ND(0.000000026)]	ND(0.000000022)
Total TEQs (WHO TEFs)	0.000001	0.0000000070 [0.0000000073]	0.0000000070
Inorganics-Unfiltered			
Arsenic	4	NA	NA
Barium	100	NA	NA
Cadmium	0.1	NA	NA
Chromium	20	NA	NA
Cobalt	Not Listed	NA	NA
Copper	Not Listed	NA	NA
Cyanide	2	NA	NA
Lead	0.3	NA	NA
Nickel	1	NA	NA
Vanadium	20	NA	NA
Zinc	20	NA	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: / Date Collected:	UCL-GW Standards	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05
Inorganics-Filtered			
Arsenic	4	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	100	0.0230 B [0.0210 B]	0.0940 B
Cadmium	0.1	0.00120 B [ND(0.00500)]	0.000810 B
Chromium	20	ND(0.01) [ND(0.0100)]	0.000630 B
Cobalt	Not Listed	0.00100 B [ND(0.0500)]	ND(0.0500)
Copper	Not Listed	0.00160 B [ND(0.0250)]	0.00190 B
Cyanide	2	ND(0.0100) [ND(0.0100)]	ND(0.01)
Lead	0.3	ND(0.00300) [ND(0.00300)]	ND(0.00300)
Nickel	1	0.00230 B [ND(0.0400)]	ND(0.04)
Vanadium	20	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	20	ND(0.02) [ND(0.02)]	ND(0.0200)

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:	UCL-GW Standards	OPCA-MW-4 10/11/05	OPCA-MW-5R 10/11/05	OPCA-MW-6 10/17/05
Volatile Organics				
Carbon Disulfide	Not Listed	ND(0.0050) J	ND(0.0050) J	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	100	ND(0.0050)	0.0015 J	ND(0.0050)
Trichloroethene	100	0.0010 J	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)
PCBs-Unfiltered				
Aroclor-1254	Not Listed	NA	NA	NA
Total PCBs	0.005	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00028	0.00011	0.000078
Total PCBs	0.005	0.00028	0.00011	0.000078
Semivolatile Organics				
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	0.0000000033 J	0.0000000033 J	ND(0.0000000022)
TCDFs (total)	Not Listed	0.0000000076 J	0.0000000033 J	ND(0.0000000015)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
PeCDFs (total)	Not Listed	0.000000014 J	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
HxCDFs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
HpCDFs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
OCDF	Not Listed	ND(0.000000010)	ND(0.0000000099)	ND(0.000000010)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000021)	ND(0.0000000023)	ND(0.0000000024) X
TCDDs (total)	Not Listed	ND(0.0000000026)	ND(0.0000000023)	ND(0.0000000031)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
PeCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
HxCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
HpCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000050)
OCDD	Not Listed	ND(0.000000020)	ND(0.000000018)	ND(0.000000010)
Total TEQs (WHO TEFs)	0.000001	0.0000000071	0.0000000071	0.0000000070
Inorganics-Unfiltered				
Arsenic	4	NA	NA	NA
Barium	100	NA	NA	NA
Cadmium	0.1	NA	NA	NA
Chromium	20	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA
Copper	Not Listed	NA	NA	NA
Cyanide	2	NA	NA	NA
Lead	0.3	NA	NA	NA
Nickel	1	NA	NA	NA
Vanadium	20	NA	NA	NA
Zinc	20	NA	NA	NA

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	OPCA-MW-4 10/11/05	OPCA-MW-5R 10/11/05	OPCA-MW-6 10/17/05
Inorganics-Filtered				
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0300 B	0.0310 B	0.0170 B
Cadmium	0.1	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	20	0.000600 B	ND(0.0100)	0.00110 B
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00150 B	0.00210 B	0.00140 B
Cyanide	2	ND(0.0100)	0.00230 B	0.00200 B
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.003)
Nickel	1	ND(0.0400)	ND(0.0400)	ND(0.0400)
Vanadium	20	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	20	0.0720	ND(0.02)	ND(0.0200)

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Volatile Organics				
Carbon Disulfide	Not Listed	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	Not Listed	ND(0.0050)	0.00067 J	ND(0.0050)
Dibromomethane	Not Listed	0.0026 J	ND(0.0050)	ND(0.0050)
Toluene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(0.0020)
PCBs-Unfiltered				
Aroclor-1254	Not Listed	NA	NA	ND(0.000065)
Total PCBs	0.005	NA	NA	ND(0.000065)
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00039	R	0.000037 J
Total PCBs	0.005	0.00039	R	0.000037 J
Semivolatile Organics				
1,2,4-Trichlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000048)	ND(0.0000000025)	ND(0.0000000044) X
TCDFs (total)	Not Listed	ND(0.0000000048)	ND(0.0000000025)	ND(0.0000000027)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
PeCDFs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	0.0000000052 J
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000058 J	ND(0.0000000049)	0.0000000064 J
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	0.0000000057 J
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HxCDFs (total)	Not Listed	0.000000011 J	ND(0.0000000049)	0.000000027 J
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	0.0000000071 J
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HpCDFs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	0.0000000071 J
OCDF	Not Listed	ND(0.000000010)	ND(0.0000000098)	0.000000012 J
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000033)	ND(0.0000000031)	ND(0.000000029)
TCDDs (total)	Not Listed	ND(0.0000000033)	ND(0.0000000031)	ND(0.000000029)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
PeCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HxCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000075)
HpCDDs (total)	Not Listed	ND(0.0000000050)	ND(0.0000000049)	0.0000000075 J
OCDD	Not Listed	ND(0.000000018)	ND(0.000000039)	ND(0.000000061)
Total TEQs (WHO TEFs)	0.000001	0.0000000079	0.0000000073	0.000000021
Inorganics-Unfiltered				
Arsenic	4	NA	NA	ND(0.0100)
Barium	100	NA	NA	0.0400 B
Cadmium	0.1	NA	NA	ND(0.00500)
Chromium	20	NA	NA	0.00140 B
Cobalt	Not Listed	NA	NA	ND(0.0500)
Copper	Not Listed	NA	NA	0.00210 B
Cyanide	2	NA	NA	0.0180
Lead	0.3	NA	NA	0.00300 B
Nickel	1	NA	NA	ND(0.040)
Vanadium	20	NA	NA	0.00290 B
Zinc	20	NA	NA	0.0170 B

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Inorganics-Filtered				
Arsenic	4	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	100	0.0200 B	0.00770 B	0.0380 B
Cadmium	0.1	0.000570 B	ND(0.00500)	ND(0.00500)
Chromium	20	0.000720 B	0.000760 B	ND(0.010)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	2	0.00140 B	ND(0.01)	0.00600 B
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	1	ND(0.0400)	ND(0.0400)	0.00420 B
Vanadium	20	0.00260 B	ND(0.0500)	ND(0.0500)
Zinc	20	ND(0.0200)	ND(0.0200)	0.00400 B

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and 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, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
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. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
7. 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.
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
PROPOSED SPRING 2006 INTERIM GROUNDWATER QUALITY MONITORING ACTIVITIES

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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.
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 - Spring 2006	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 2005.
H78B-17R	GW-3 Perimeter (Downgradient)	Annual - Spring 2006	VOC	
OPCA-MW-1 (5)	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-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)	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.
UB-MW-5	GW-2 Sentinel/GW-3 Perimeter (Upgradient)	Semi-Annual (4)	PCB/App. IX (1,3)	One additional baseline sample set is required due to lack of water during prior baseline sampling events.

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.
3. Per the baseline monitoring program protocols, analyses for PCBs, metals, and cyanide performed on both filtered and unfiltered samples.
4. Well included due to less than four rounds of baseline data (i.e., UB-MW-5) will be sampled on a semi-annual basis and may be proposed to be removed from the interim groundwater quality monitoring program after the fourth data set is collected or if, despite additional attempts, the data cannot be obtained.
5. Well OPCA-MW-1 is proposed to be decommissioned in 2006. The proposed sampling activities will be conducted until such time that the well is removed. At that point, well GMA4-4 is proposed to be utilized as a replacement for well OPCA-MW-1.

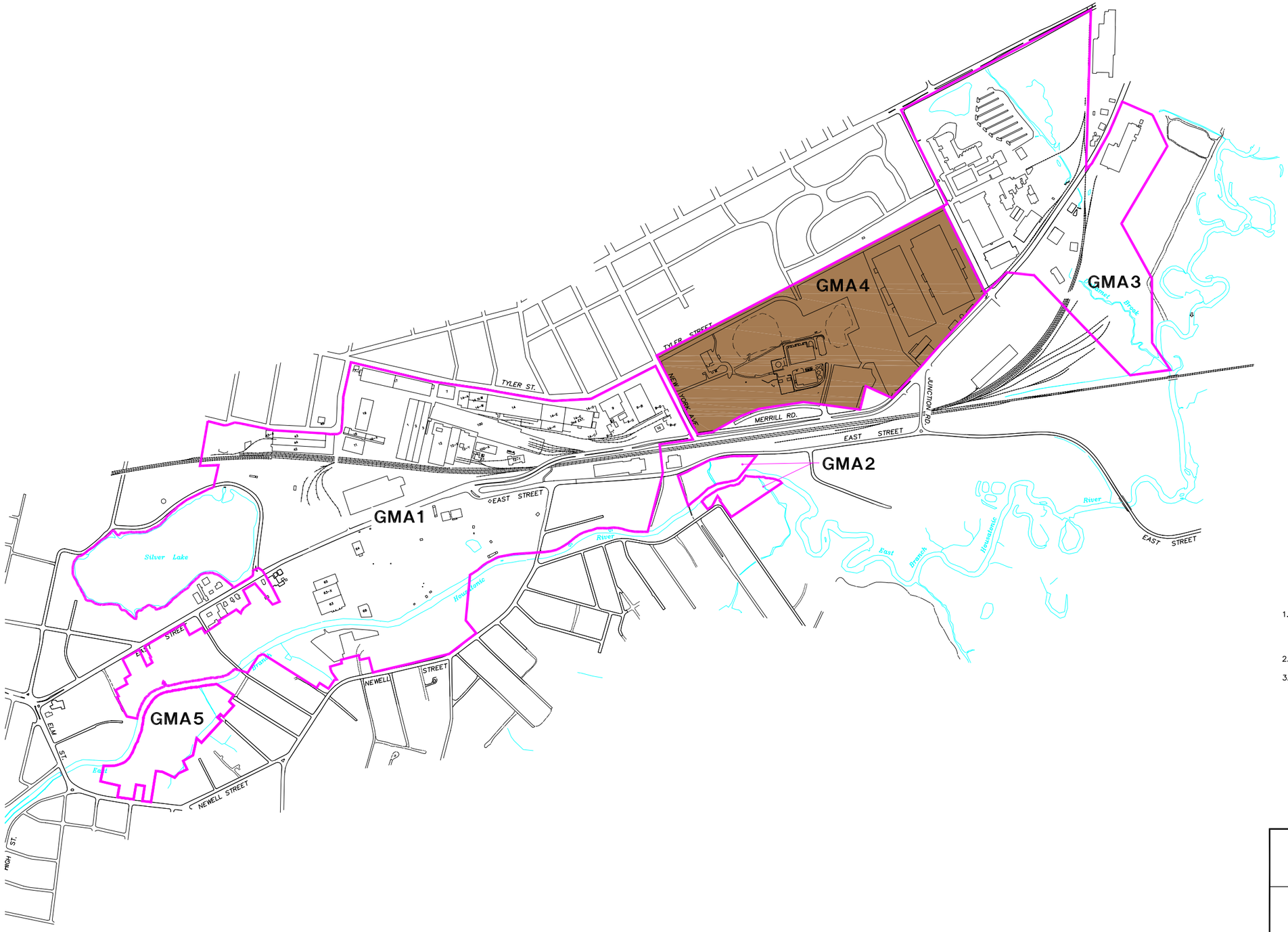
TABLE 10
PROPOSED GROUNDWATER ELEVATION MONITORING ACTIVITIES

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Schedule	Comments
60A	Semi-Annual	
60B-R	Semi-Annual	
78-1	Quarterly	Proposed change from current semi-annual monitoring frequency
78-2	Quarterly	Proposed change from current semi-annual monitoring frequency
78-3	Semi-Annual	
78-4	Semi-Annual	
78-5R	Semi-Annual	
78-6	Quarterly	Proposed change from current semi-annual monitoring frequency
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	Proposed change from current semi-annual monitoring frequency
GMA4-6	Quarterly	Proposed new well
H78B-13R	Semi-Annual	
H78B-15	Semi-Annual	
H78B-16	Semi-Annual	
H78B-17	Semi-Annual	
H78B-17R	Semi-Annual	
NY-3	Quarterly	Well proposed to be added to groundwater elevation monitoring program
NY-4	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-1 (3)	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-2	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-3	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-4	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-5R	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-6	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-7	Quarterly	Proposed change from current semi-annual monitoring frequency
OPCA-MW-8	Quarterly	Proposed change from current semi-annual monitoring frequency
RF-14	Semi-Annual	
RF-15	Semi-Annual	
SCH-4	Quarterly	Well proposed to be added to groundwater elevation monitoring program
UB-MW-5	Semi-Annual	
UB-MW-6	Semi-Annual	

NOTES:
1. The listed monitoring wells well be monitored for groundwate elevation and NAPL presence at the frequencies shown above.
2. Wells ES1-20, NY-3, NY-4, and SCH-4 will be inspected and replaced with new water table monitoring wells if found to be unusable.
3. Well OPCA-MW-1 is proposed to be decommissioned in 2006. The proposed monitoring schedule will be utilized until such time that the well is removed.

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

X: 20187X00, 20187X10.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
2/23/06 SYR-85-LJP DMW LAF
N/20187001/FALL05/20187B01.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA4 INTERIM MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREAS

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engineers, scientists, economists

FIGURE
1

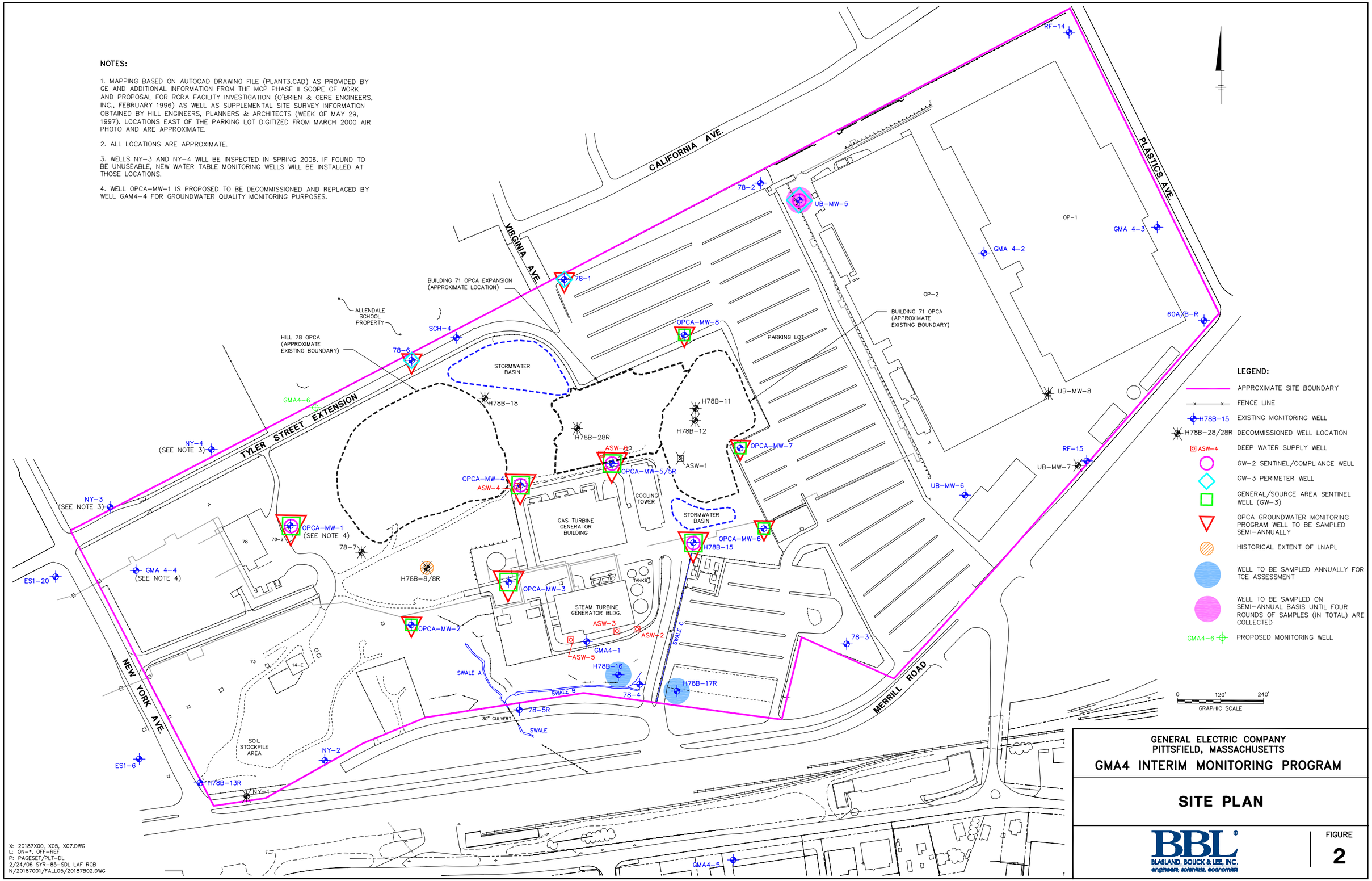
NOTES:

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.

3. WELLS NY-3 AND NY-4 WILL BE INSPECTED IN SPRING 2006. IF FOUND TO BE UNUSEABLE, NEW WATER TABLE MONITORING WELLS WILL BE INSTALLED AT THOSE LOCATIONS.

4. WELL OPCA-MW-1 IS PROPOSED TO BE DECOMMISSIONED AND REPLACED BY WELL GAM4-4 FOR GROUNDWATER QUALITY MONITORING PURPOSES.



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 TCE ASSESSMENT
- WELL TO BE SAMPLED ON SEMI-ANNUAL BASIS UNTIL FOUR ROUNDS OF SAMPLES (IN TOTAL) ARE COLLECTED
- GMA4-6 PROPOSED MONITORING WELL

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA4 INTERIM MONITORING PROGRAM

SITE PLAN

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FIGURE 2

X: 20187X00, X05, X07.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
2/24/06 SYR-85-SDL LAF RCB
N/20187001/FALL05/20187B02.DWG

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.

CALIFORNIA AVE.
VIRGINIA AVE.
PLASTICS AVE.
TYLER STREET EXTENSION
NEW YORK AVE.
MERRILL ROAD
ALLENDALE SCHOOL PROPERTY
HILL 78 OPCA (APPROXIMATE EXISTING BOUNDARY)
BUILDING 71 OPCA EXPANSION (APPROXIMATE LOCATION)
BUILDING 71 OPCA (APPROXIMATE EXISTING BOUNDARY)
PARKING LOT
STORMWATER BASIN
COOLING TOWER
GAS TURBINE GENERATOR BUILDING
STEAM TURBINE GENERATOR BLDG.
TANKS
SOIL STOCKPILE AREA
SWALE A
SWALE B
SWALE C
30" CULVERT
OP-1
OP-2
1025.19 78-2
991.56 UB-MW-5
78-1 1019.50
1006.25 78-6
OPCA-MW-8 1016.07
RF-14 993.55
GMA 4-3 987.07
GMA 4-2 993.19
60A/B-R 987.67
UB-MW-8
RF-15 997.84
UB-MW-7
UB-MW-6 997.35
OPCA-MW-7 1005.70
OPCA-MW-5/5R 1004.43
1006.62 OPCA-MW-4
ASW-4
ASW-1
ASW-6
1005.58 OPCA-MW-6
H78B-15 999.60
994.50 OPCA-MW-3
OPCA-MW-2 1002.89
ASW-3
ASW-2
990.37 GMA4-1
ASW-5
H78B-16 988.50
H78B-17R 987.71
78-4 987.40
78-3 990.35
78-5R 993.37
OPCA-MW-1 1012.46
78-7
H78B-8/8R
GMA 4-4 989.67
ES1-20
ES1-6 986.42
H78B-13R 983.35
NY-1
NY-2
NY-3
NY-4
H78B-18
H78B-28R
H78B-11
H78B-12
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
- 988.50 GROUNDWATER ELEVATION IN FEET

0 120' 240'
GRAPHIC SCALE

X: 20187X00, X05, X07.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL2B1
2/23/06 SYR-85-PGL DMW LAF
N/20187001/FALL05/20187W03.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA4 INTERIM MONITORING PROGRAM

WATER TABLE CONTOUR MAP - FALL 2005

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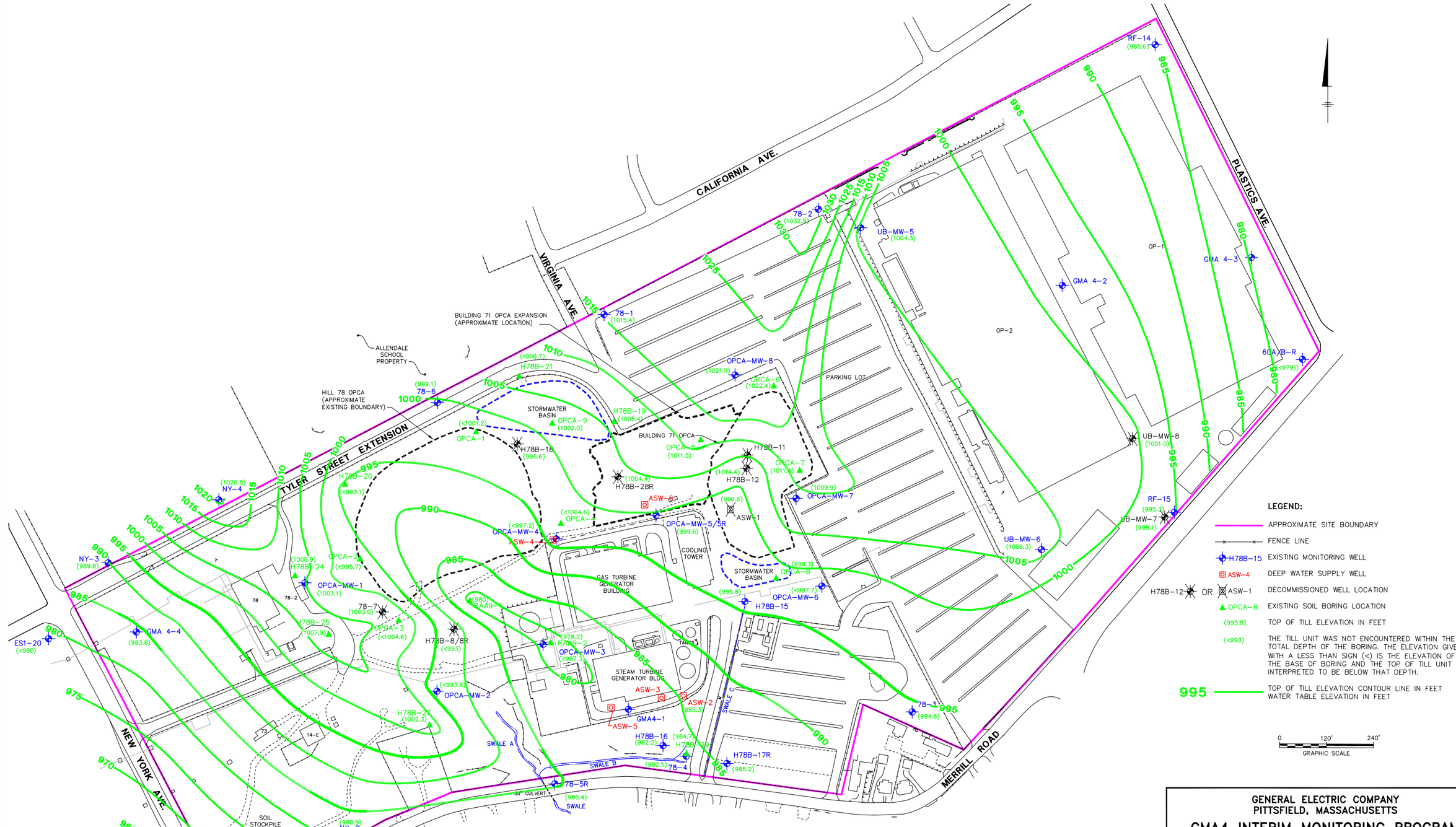
FIGURE 3



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.

X: 20187X00, X01, X05.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
2/23/06 SYR-85-PGL DMW LAF
N/20187001/FALL05/20187W02.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA4 INTERIM MONITORING PROGRAM

TOP OF TILL CONTOUR MAP

BLASLAND, BOUCK & LEE, INC.
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FIGURE
4

Appendices

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Appendix A

Groundwater Analytical Results – Fall 2005

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

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05	H78B-17R 10/13/05
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.020) J
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)	ND(0.020)
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.020)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
2-Hexanone	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.020)
3-Chloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Acrolein	ND(0.10) J	ND(0.10) J	ND(0.10)	ND(0.10)	ND(0.10)
Acrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.010)	ND(0.020) J
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Bromoform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Bromomethane	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)	ND(0.020)
Carbon Disulfide	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.010)	ND(0.020)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.021	ND(0.020)
Chloroethane	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.010)	ND(0.020)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	0.11
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Dibromochloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Dibromomethane	ND(0.0050)	0.0011 J	ND(0.0050)	ND(0.010)	ND(0.020)
Dichlorodifluoromethane	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.010)	ND(0.020) J
Ethyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Isobutanol	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.010)	ND(0.020)
Methyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Propionitrile	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.020)
Styrene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020) J	ND(0.010)	ND(0.020)
Toluene	0.0016 J	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Total VOCs	0.0016 J	0.0011 J	ND(0.20)	0.14	0.33
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.11	0.22
Trichlorofluoromethane	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.010)	ND(0.020) J
Vinyl Acetate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.020)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0064 J	ND(0.020)
Xylenes (total)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.020)

TABLE A-1
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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05	H78B-17R 10/13/05
PCBs-Unfiltered					
Aroclor-1016	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1016	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1232	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1242	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1254	0.000090	0.000065 J	ND(0.000065)	NA	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA	NA
Total PCBs	0.000090	0.000065 J	ND(0.000065)	NA	NA
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1,3,5-Trinitrobenzene	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1,3-Dinitrobenzene	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
1-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,4-Dinitrophenol	ND(0.050) J	ND(0.050) J	ND(0.050)	NA	NA
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2-Acetylaminofluorene	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2-Naphthylamine	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
2-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	NA	NA
2-Nitrophenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
3&4-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)	NA	NA
3,3'-Dimethylbenzidine	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
3-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050)	ND(0.050)	NA	NA
4-Aminobiphenyl	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
4-Chloroaniline	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
4-Chlorobenzilate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
4-Chlorophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
4-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	NA	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: / Date Collected:	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05	H78B-17R 10/13/05
Semivolatile Organics (continued)					
4-Nitrophenol	ND(0.050)	ND(0.050)	ND(0.050) J	NA	NA
4-Nitroquinoline-1-oxide	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
4-Phenylenediamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
a,a'-Dimethylphenethylamine	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Acenaphthylene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Acetophenone	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Aniline	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Aramite	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J	NA	NA
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Benzyl Alcohol	ND(0.020)	ND(0.020)	ND(0.020)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010) J	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	NA	NA
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Diallate	ND(0.010)	ND(0.010)	ND(0.010) J	NA	NA
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Di-n-Butylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Hexachlorobutadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA	NA
Hexachlorocyclopentadiene	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Hexachlorophene	ND(0.020) J	ND(0.020) J	ND(0.020) J	NA	NA
Hexachloropropene	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Isodrin	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Isophorone	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Isosafrole	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
Methapyrilene	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA

TABLE A-1
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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05	H78B-17R 10/13/05
Semivolatile Organics (continued)					
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)	NA	NA
Phenacetin	ND(0.010) J	ND(0.010) J	ND(0.010)	NA	NA
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Safrole	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA	NA
Thionazin	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA
Furans					
2,3,7,8-TCDF	0.0000000035 J	0.0000000026 J	ND(0.0000000019)	NA	NA
TCDFs (total)	0.0000000035 J	0.0000000026 J	ND(0.0000000019)	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
PeCDFs (total)	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
HxCDFs (total)	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
HpCDFs (total)	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
OCDF	ND(0.0000000096)	ND(0.0000000098)	ND(0.0000000099)	NA	NA
Dioxins					
2,3,7,8-TCDD	ND(0.0000000026)	ND(0.0000000022)	ND(0.0000000024)	NA	NA
TCDDs (total)	ND(0.0000000026)	ND(0.0000000034)	ND(0.0000000024)	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
PeCDDs (total)	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
HxCDDs (total)	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
HpCDDs (total)	ND(0.0000000048)	ND(0.0000000049)	ND(0.0000000050)	NA	NA
OCDD	ND(0.000000022)	ND(0.000000013)	ND(0.000000011)	NA	NA
Total TEQs (WHO TEFs)	0.0000000071	0.0000000069	0.0000000070	NA	NA
Inorganics-Unfiltered					
Antimony	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	NA	NA
Thallium	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/11/05	78-6 10/11/05	H78B-15 10/17/05	H78B-16 10/10/05	H78B-17R 10/13/05
Inorganics-Filtered					
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	0.00540 B	ND(0.0100)	NA	NA
Barium	0.0220 B	0.0890 B	0.0180 B	NA	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	NA	NA
Cadmium	0.00110 B	ND(0.00500)	ND(0.00500)	NA	NA
Chromium	ND(0.01)	ND(0.01)	ND(0.0100)	NA	NA
Cobalt	0.00110 B	0.00240 B	ND(0.0500)	NA	NA
Copper	0.00240 B	ND(0.0250)	0.00280 B	NA	NA
Cyanide	ND(0.0100)	0.0110	0.00480 B	NA	NA
Lead	ND(0.00300)	ND(0.00300)	ND(0.003)	NA	NA
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	NA	NA
Nickel	0.00240 B	ND(0.0400)	ND(0.0400)	NA	NA
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500) J	NA	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA	NA
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100) J	NA	NA
Tin	ND(0.0300)	ND(0.0300)	ND(0.0300)	NA	NA
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA	NA
Zinc	ND(0.02)	ND(0.0200)	ND(0.02)	NA	NA

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05	OPCA-MW-4 10/11/05
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	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(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J [ND(0.20) J]	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010) J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010) J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J
3-Chloropropene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acetone	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acetonitrile	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Acrolein	ND(0.10) J	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10) J
Acrylonitrile	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Benzene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Bromoform	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Carbon Disulfide	ND(0.0050) J	ND(0.0050) [ND(0.0050)]	0.00055 J	ND(0.0050) J
Carbon Tetrachloride	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050) J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) J
Chloroform	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050) J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) J
Ethyl Methacrylate	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Iodomethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050) J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) J
Methyl Methacrylate	ND(0.0050)	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)	ND(0.0050)
Propionitrile	ND(0.010) J	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J
Styrene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Toluene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Total VOCs	ND(0.20)	ND(0.20) [ND(0.20)]	0.00055 J	0.0010 J
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	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)	0.0010 J
Trichlorofluoromethane	ND(0.0050) J	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) J
Vinyl Acetate	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05	OPCA-MW-4 10/11/05
PCBs-Unfiltered				
Aroclor-1016	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA
Aroclor-1242	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-1016	ND(0.000065)	ND(0.000065) [ND(0.000065)]	R	ND(0.000065)
Aroclor-1221	ND(0.000065)	ND(0.000065) [ND(0.000065)]	R	ND(0.000065)
Aroclor-1232	ND(0.000065)	ND(0.000065) [ND(0.000065)]	R	ND(0.000065)
Aroclor-1242	ND(0.000065)	ND(0.000065) [ND(0.000065)]	R	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065) [ND(0.000065)]	R	ND(0.000065)
Aroclor-1254	0.00069	0.00012 J [0.00019 J]	0.000047 J	0.00028
Aroclor-1260	ND(0.000065)	ND(0.000065) [ND(0.000065)]	R	ND(0.000065)
Total PCBs	0.00069	0.00012 J [0.00019 J]	0.000047 J	0.00028
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010) J	0.0016 J [ND(0.010) J]	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
1,3-Dichlorobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
1,4-Dichlorobenzene	ND(0.010) J	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
1-Naphthylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlorophenol	R	ND(0.010) J [ND(0.010) J]	R	ND(0.010) J
2,4,5-Trichlorophenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4,6-Trichlorophenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4-Dichlorophenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4-Dimethylphenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4-Dinitrophenol	R	ND(0.050) [ND(0.050)]	R	ND(0.050)
2,4-Dinitrotoluene	ND(0.010) J	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
2-Chloronaphthalene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
2-Chlorophenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
2-Methylphenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2-Naphthylamine	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
2-Nitroaniline	ND(0.050)	ND(0.050) [ND(0.050) J]	ND(0.050)	ND(0.050)
2-Nitrophenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
2-Picoline	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
3&4-Methylphenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020) [ND(0.020) J]	ND(0.020)	ND(0.020)
3,3'-Dimethylbenzidine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
3-Methylcholanthrene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050)	ND(0.050) [ND(0.050) J]	ND(0.050)	ND(0.050)
4,6-Dinitro-2-methylphenol	R	ND(0.050) [ND(0.050)]	R	ND(0.050)
4-Aminobiphenyl	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
4-Chloroaniline	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
4-Chlorobenzilate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
4-Chlorophenyl-phenylether	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
4-Nitroaniline	ND(0.050)	ND(0.050) [ND(0.050) J]	ND(0.050)	ND(0.050)

TABLE A-1
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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05	OPCA-MW-4 10/11/05
Semivolatile Organics (continued)				
4-Nitrophenol	R	ND(0.050) [ND(0.050)]	R	ND(0.050)
4-Nitroquinoline-1-oxide	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
4-Phenylenediamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
5-Nitro-o-toluidine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
a,a'-Dimethylphenethylamine	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Acenaphthene	ND(0.010) J	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Acenaphthylene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Acetophenone	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Aniline	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Anthracene	ND(0.010)	ND(0.010) [ND(0.010) J]	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) J]	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Benzo(k)fluoranthene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020)	ND(0.020) [ND(0.020) J]	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060) [ND(0.0060) J]	ND(0.0060)	ND(0.0060)
Butylbenzylphthalate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Chrysene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Diallate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Dibenzofuran	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Di-n-Octylphthalate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Fluorene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Hexachlorocyclopentadiene	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Hexachloroethane	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.020) J	ND(0.020) J [ND(0.020) J]	ND(0.020) J	ND(0.020) J
Hexachloropropene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Isodrin	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Isophorone	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Isosafrole	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Methapyrilene	ND(0.010) J	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) J]	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010) J	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosomorpholine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05	OPCA-MW-4 10/11/05
Semivolatile Organics (continued)				
o-Toluidine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Pentachlorophenol	R	ND(0.050) [ND(0.050)]	R	ND(0.050)
Phenacetin	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Phenol	R	ND(0.010) [ND(0.010)]	R	ND(0.010)
Pronamide	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Pyrene	ND(0.010) J	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Safrole	ND(0.010) J	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Thionazin	ND(0.010)	ND(0.010) [ND(0.010) J]	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	0.0000000026 J	0.0000000031 J [0.0000000032 J]	0.0000000024 J	0.0000000033 J
TCDFs (total)	0.0000000026 J	0.0000000031 J [0.0000000032 J]	0.0000000024 J	0.0000000076 J
1,2,3,7,8-PeCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
2,3,4,7,8-PeCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
PeCDFs (total)	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	0.000000014 J
1,2,3,4,7,8-HxCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,6,7,8-HxCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,7,8,9-HxCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
2,3,4,6,7,8-HxCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
HxCDFs (total)	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
HpCDFs (total)	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
OCDF	ND(0.0000000098)	ND(0.000000010) [ND(0.000000010)]	ND(0.0000000098)	ND(0.000000010)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000025)	ND(0.0000000020) [ND(0.0000000026)]	ND(0.0000000024)	ND(0.0000000021)
TCDDs (total)	ND(0.0000000025)	ND(0.0000000032) [ND(0.0000000026)]	ND(0.0000000030)	ND(0.0000000026)
1,2,3,7,8-PeCDD	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
PeCDDs (total)	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,6,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,7,8,9-HxCDD	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
HxCDDs (total)	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
HpCDDs (total)	ND(0.0000000049)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000049)	ND(0.0000000050)
OCDD	ND(0.000000016)	ND(0.000000029) [ND(0.000000026)]	ND(0.000000022)	ND(0.000000020)
Total TEQs (WHO TEFs)	0.0000000071	0.0000000070 [0.0000000073]	0.0000000070	0.0000000071
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	ND(5.00)	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/12/05	OPCA-MW-2 10/12/05	OPCA-MW-3 10/12/05	OPCA-MW-4 10/11/05
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	0.0210 B	0.0230 B [0.0210 B]	0.0940 B	0.0300 B
Beryllium	ND(0.00100)	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	0.00120 B [ND(0.00500)]	0.000810 B	ND(0.00500)
Chromium	ND(0.01)	ND(0.01) [ND(0.0100)]	0.000630 B	0.000600 B
Cobalt	ND(0.0500)	0.00100 B [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	0.00160 B [ND(0.0250)]	0.00190 B	0.00150 B
Cyanide	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.01)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	0.00230 B [ND(0.0400)]	ND(0.04)	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500) J	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100) [ND(0.0100)]	ND(0.0100) J	ND(0.0100)
Tin	ND(0.0300)	ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)
Vanadium	ND(0.0500)	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	ND(0.02)	ND(0.02) [ND(0.02)]	ND(0.0200)	0.0720

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 10/11/05	OPCA-MW-6 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.01)	ND(0.010)
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Acrolein	ND(0.10) J	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Acrylonitrile	ND(0.0050)	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.0050) J
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromoform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon Disulfide	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050) J	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)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00067 J	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050)	0.0026 J	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050)	ND(0.0050) J
Ethyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methyl Methacrylate	ND(0.0050)	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)	ND(0.0050)
Propionitrile	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010) J
Styrene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020) J	ND(0.0020) J	ND(0.0020)	ND(0.0020) J
Toluene	0.0015 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	0.0015 J	ND(0.20)	0.0026 J	0.00067 J	ND(0.20)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	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)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 10/11/05	OPCA-MW-6 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
PCBs-Unfiltered					
Aroclor-1016	NA	NA	NA	NA	ND(0.000065)
Aroclor-1221	NA	NA	NA	NA	ND(0.000065)
Aroclor-1232	NA	NA	NA	NA	ND(0.000065)
Aroclor-1242	NA	NA	NA	NA	ND(0.000065)
Aroclor-1248	NA	NA	NA	NA	ND(0.000065)
Aroclor-1254	NA	NA	NA	NA	ND(0.000065)
Aroclor-1260	NA	NA	NA	NA	ND(0.000065)
Total PCBs	NA	NA	NA	NA	ND(0.000065)
PCBs-Filtered					
Aroclor-1016	ND(0.000065)	ND(0.000065)	ND(0.000065)	R	ND(0.000065)
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	R	ND(0.000065)
Aroclor-1232	ND(0.000065)	ND(0.000065)	ND(0.000065)	R	ND(0.000065)
Aroclor-1242	ND(0.000065)	ND(0.000065)	ND(0.000065)	R	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	R	ND(0.000065)
Aroclor-1254	0.00011	0.000078	0.00039	R	0.000037 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	R	ND(0.000065)
Total PCBs	0.00011	0.000078	0.00039	R	0.000037 J
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(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	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) J
1-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlorophenol	ND(0.010) J	ND(0.010) J	ND(0.010) J	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) J
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(0.010) J	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
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(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
2-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
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)	ND(0.010)
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
3,3'-Dimethylbenzidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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)	ND(0.050)
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J
4-Aminobiphenyl	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
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(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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)	ND(0.010)
4-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 10/11/05	OPCA-MW-6 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Semivolatile Organics (continued)					
4-Nitrophenol	ND(0.050)	ND(0.050) J	ND(0.050) J	ND(0.050)	ND(0.050)
4-Nitroquinoline-1-oxide	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
4-Phenylenediamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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)
a,a'-Dimethylphenethylamine	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) 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)	ND(0.010)
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)
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aramite	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
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)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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) J	ND(0.010) J	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
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) J	ND(0.010) J	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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)	ND(0.010)
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(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Hexachlorocyclopentadiene	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Hexachloropropene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Methapyrilene	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
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)

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 10/11/05	OPCA-MW-6 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Semivolatile Organics (continued)					
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)	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)	ND(0.010)
Safrole	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Thionazin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans					
2,3,7,8-TCDF	0.0000000033 J	ND(0.0000000022)	ND(0.0000000048)	ND(0.0000000025)	ND(0.0000000044) X
TCDFs (total)	0.0000000033 J	ND(0.0000000015)	ND(0.0000000048)	ND(0.0000000025)	ND(0.0000000027)
1,2,3,7,8-PeCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,7,8-PeCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
PeCDFs (total)	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000052 J
1,2,3,4,7,8-HxCDF	ND(0.0000000049)	ND(0.0000000050)	0.0000000058 J	ND(0.0000000049)	0.0000000064 J
1,2,3,6,7,8-HxCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000057 J
1,2,3,7,8,9-HxCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HxCDFs (total)	ND(0.0000000049)	ND(0.0000000050)	0.000000011 J	ND(0.0000000049)	0.000000027 J
1,2,3,4,6,7,8-HpCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000071 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HpCDFs (total)	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000071 J
OCDF	ND(0.0000000099)	ND(0.000000010)	ND(0.000000010)	ND(0.0000000098)	0.000000012 J
Dioxins					
2,3,7,8-TCDD	ND(0.0000000023)	ND(0.0000000024) X	ND(0.0000000033)	ND(0.0000000031)	ND(0.000000029)
TCDDs (total)	ND(0.0000000023)	ND(0.0000000031)	ND(0.0000000033)	ND(0.0000000031)	ND(0.000000029)
1,2,3,7,8-PeCDD	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
PeCDDs (total)	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
HxCDDs (total)	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	ND(0.0000000075)
HpCDDs (total)	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000049)	0.0000000075 J
OCDD	ND(0.000000018)	ND(0.000000010)	ND(0.000000018)	ND(0.000000039)	ND(0.000000061)
Total TEQs (WHO TEFs)	0.0000000071	0.0000000070	0.0000000079	0.0000000073	0.000000021
Inorganics-Unfiltered					
Antimony	NA	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	NA	ND(0.0100)
Barium	NA	NA	NA	NA	0.0400 B
Beryllium	NA	NA	NA	NA	ND(0.00100)
Cadmium	NA	NA	NA	NA	ND(0.00500)
Chromium	NA	NA	NA	NA	0.00140 B
Cobalt	NA	NA	NA	NA	ND(0.0500)
Copper	NA	NA	NA	NA	0.00210 B
Cyanide	NA	NA	NA	NA	0.0180
Lead	NA	NA	NA	NA	0.00300 B
Mercury	NA	NA	NA	NA	ND(0.000200)
Nickel	NA	NA	NA	NA	ND(0.040)
Selenium	NA	NA	NA	NA	ND(0.00500) J
Silver	NA	NA	NA	NA	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	NA	NA	NA	NA	ND(0.0100) J
Tin	NA	NA	NA	NA	ND(0.0300)
Vanadium	NA	NA	NA	NA	0.00290 B
Zinc	NA	NA	NA	NA	0.0170 B

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 10/11/05	OPCA-MW-6 10/17/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 10/13/05	UB-MW-5 10/18-11/1/2005
Inorganics-Filtered					
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0310 B	0.0170 B	0.0200 B	0.00770 B	0.0380 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	0.000570 B	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	0.00110 B	0.000720 B	0.000760 B	ND(0.010)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.00210 B	0.00140 B	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.00230 B	0.00200 B	0.00140 B	ND(0.01)	0.00600 B
Lead	ND(0.00300)	ND(0.003)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00420 B
Selenium	ND(0.00500)	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Tin	ND(0.0300)	ND(0.0300)	ND(0.0300)	ND(0.0300)	ND(0.0300)
Vanadium	ND(0.0500)	ND(0.0500)	0.00260 B	ND(0.0500)	ND(0.0500)
Zinc	ND(0.02)	ND(0.0200)	ND(0.0200)	ND(0.0200)	0.00400 B

TABLE A-1
FALL 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and 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, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
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.

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.
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.

Appendix B

Historical Groundwater Data

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

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA *4*
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 06/14/99	78-1 05/01/01	78-1 10/31/01	78-1 04/18/02
Volatile Organics				
Acetone	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010) J
Carbon Disulfide	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.010)	ND(0.0050)	ND(0.0050)	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)
Toluene	ND(0.0050)	0.0047 J	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(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	0.0047 J	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.00010)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.00010)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.00010)	ND(0.000065)	ND(0.000065)	0.000053 J
Aroclor-1260	ND(0.00010)	ND(0.000065)	ND(0.000065)	0.000061 J
Total PCBs	ND(0.00010)	ND(0.000065)	ND(0.000065)	0.000114 J
PCBs-Filtered				
Aroclor-1221	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	NA	ND(0.000065)	ND(0.000065)	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.0060)	ND(0.0060)	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) J	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	ND(0.00000000060)	ND(0.0000000011)	ND(0.00000000060) X	ND(0.0000000010)
TCDFs (total)	ND(0.00000000060)	ND(0.000000010) X	ND(0.00000000030)	ND(0.0000000035) X
1,2,3,7,8-PeCDF	ND(0.0000000021)	ND(0.0000000013) XB	ND(0.0000000000015)	ND(0.0000000011)
2,3,4,7,8-PeCDF	ND(0.0000000020)	ND(0.0000000012)	ND(0.0000000014) X	ND(0.0000000011)
PeCDFs (total)	ND(0.0000000021)	ND(0.000000024)	ND(0.0000000000015)	0.000000017
1,2,3,4,7,8-HxCDF	ND(0.0000000060)	ND(0.0000000021)	ND(0.0000000000012)	ND(0.00000000080)
1,2,3,6,7,8-HxCDF	ND(0.0000000062)	ND(0.00000000080)	ND(0.0000000012) X	ND(0.00000000090)
1,2,3,7,8,9-HxCDF	ND(0.0000000059)	ND(0.00000000090)	ND(0.0000000013) X	ND(0.0000000010)
2,3,4,6,7,8-HxCDF	ND(0.0000000064)	ND(0.00000000080)	ND(0.0000000011) X	ND(0.00000000090)
HxCDFs (total)	ND(0.0000000064)	ND(0.0000000044)	ND(0.0000000000012)	ND(0.00000000090)
1,2,3,4,6,7,8-HpCDF	ND(0.000000011)	ND(0.0000000013)	ND(0.00000000080)	ND(0.0000000010)
1,2,3,4,7,8,9-HpCDF	ND(0.000000011)	ND(0.0000000017)	ND(0.00000000090)	ND(0.0000000012)
HpCDFs (total)	ND(0.000000011)	ND(0.0000000015)	ND(0.00000000080)	ND(0.0000000011)
OCDF	ND(0.000000011)	ND(0.0000000032)	0.0000000021 J	ND(0.0000000017)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 06/14/99	78-1 05/01/01	78-1 10/31/01	78-1 04/18/02
Dioxins				
2,3,7,8-TCDD	ND(0.00000000090)	ND(0.0000000014)	ND(0.00000000030) X	ND(0.0000000013)
TCDDs (total)	ND(0.00000000090)	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000013)
1,2,3,7,8-PeCDD	ND(0.0000000071)	ND(0.0000000016)	ND(0.0000000013) X	ND(0.0000000013)
PeCDDs (total)	ND(0.0000000071)	ND(0.0000000016)	ND(0.0000000025)	ND(0.0000000013)
1,2,3,4,7,8-HxCDD	ND(0.0000000069)	ND(0.0000000014)	ND(0.0000000013) X	ND(0.0000000012)
1,2,3,6,7,8-HxCDD	ND(0.0000000086)	ND(0.0000000014)	ND(0.0000000000013)	ND(0.0000000012)
1,2,3,7,8,9-HxCDD	ND(0.0000000077)	ND(0.0000000013)	ND(0.0000000012) X	ND(0.0000000012)
HxCDDs (total)	ND(0.0000000086)	ND(0.000000012) X	ND(0.0000000000013)	ND(0.0000000012)
1,2,3,4,6,7,8-HpCDD	ND(0.000000013)	ND(0.0000000026)	ND(0.0000000023) X	ND(0.0000000017)
HpCDDs (total)	ND(0.000000013)	ND(0.0000000026)	ND(0.00000000020)	ND(0.0000000017)
OCDD	ND(0.000000017)	ND(0.0000000038) XB	ND(0.0000000000087)	ND(0.0000000038) X
Total TEQs (WHO TEFs)	0.0000000071	0.0000000024	0.0000000015	0.0000000020
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.00600)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0250	0.0330 B	0.0330 B	ND(0.200)
Beryllium	ND(0.00600)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0130)	ND(0.0100)	ND(0.0100)	0.00290 B
Cobalt	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0330)	0.00550 J	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100)	ND(0.0100)	0.00710 B
Lead	ND(0.130) J	ND(0.00500)	ND(0.00500) J	ND(0.00300)
Mercury	ND(0.000500)	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0600)	ND(0.0400)	ND(0.0400)	0.00410 B
Selenium	ND(0.00600) J	ND(0.00500) J	ND(0.00500)	ND(0.00500)
Silver	ND(0.0130)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0130)	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0290	0.0200	0.0160 BJ	0.0160 J
Inorganics-Filtered				
Antimony	NA	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	NA	ND(0.0100)	ND(0.0100)	ND(0.100)
Barium	NA	0.0260 J	0.0200 B	ND(0.200)
Beryllium	NA	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	NA	ND(0.00500)	ND(0.00500)	ND(0.0100)
Chromium	NA	ND(0.0100)	ND(0.0100)	ND(0.0250)
Cobalt	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	NA	0.00420 J	ND(0.0250)	ND(0.100)
Cyanide	NA	NA	NA	NA
Lead	NA	ND(0.00500)	ND(0.00500) J	ND(0.00300)
Mercury	NA	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	NA	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	NA	ND(0.00500) J	ND(0.00500)	ND(0.00500)
Silver	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	NA	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Vanadium	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	NA	0.0160 B	0.0210 J	0.00990 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/01/02	78-1 04/17/03	78-1 10/30/03	78-1 04/26/04
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050) J	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	0.000061 J	0.00020	0.00023	NA
Aroclor-1260	ND(0.000065)	0.000046 J	0.000049 J	NA
Total PCBs	0.000061 J	0.000246	0.000279	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000043 J	ND(0.000065)	0.00011	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.000030 J	ND(0.000065)
Total PCBs	0.000043 J	ND(0.000065)	0.00014	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	ND(0.0000000016)	ND(0.0000000023)	ND(0.0000000055)	ND(0.0000000012)
TCDFs (total)	ND(0.0000000016)	ND(0.0000000023)	ND(0.0000000055)	ND(0.0000000012)
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000017)	ND(0.0000000015) X
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000018)	ND(0.0000000012)
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000017)	ND(0.0000000012)
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000010) X	0.000000017 I	ND(0.0000000013) X
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	0.00000000068 J	ND(0.0000000018)	ND(0.0000000013) X
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000024)	ND(0.0000000029)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000020)	ND(0.00000000067) X
HxCDFs (total)	ND(0.0000000025)	0.00000000068	0.000000017	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000010)	ND(0.0000000024)	ND(0.0000000011)	ND(0.0000000016)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000014)	ND(0.0000000025)
HpCDFs (total)	ND(0.0000000010)	ND(0.0000000024)	ND(0.0000000011)	ND(0.0000000016)
OCDF	ND(0.0000000049)	ND(0.0000000064)	ND(0.0000000061) X	ND(0.0000000049)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/01/02	78-1 04/17/03	78-1 10/30/03	78-1 04/26/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000017)	ND(0.0000000020)	ND(0.000000014)	ND(0.0000000015)
TCDDs (total)	ND(0.0000000035)	ND(0.0000000020)	ND(0.000000014)	ND(0.0000000023)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000034)	ND(0.0000000014) X
PeCDDs (total)	ND(0.0000000043)	ND(0.0000000043)	ND(0.0000000034)	ND(0.0000000032)
1,2,3,4,7,8-HxCDD	ND(0.0000000026)	ND(0.0000000030)	ND(0.0000000017)	ND(0.0000000038)
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000027)	ND(0.0000000016)	ND(0.0000000034)
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000030)	ND(0.0000000016)	0.0000000016 J
HxCDDs (total)	ND(0.0000000025)	ND(0.0000000041)	ND(0.0000000016)	0.0000000016
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026) X	ND(0.0000000032)	ND(0.0000000015)	ND(0.0000000027)
HpCDDs (total)	ND(0.0000000025)	ND(0.0000000032)	ND(0.0000000015)	ND(0.0000000027)
OCDD	ND(0.0000000083)	ND(0.0000000012)	ND(0.0000000039)	ND(0.0000000049) X
Total TEQs (WHO TEFs)	0.0000000038	0.0000000038	0.000000012	0.0000000027
Inorganics-Unfiltered				
Antimony	ND(0.0600)	0.00700 B	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	NA
Barium	0.0880 B	0.0320 B	0.0290 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	NA
Cadmium	ND(0.00500)	0.000980 B	ND(0.00500)	NA
Chromium	0.0140	ND(0.0100)	0.00130 B	NA
Cobalt	0.0130 B	0.00220 B	ND(0.0500)	NA
Copper	0.0220 B	0.00510 B	0.00160 B	NA
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Lead	0.0120	ND(0.00300)	ND(0.00300)	NA
Mercury	ND(0.000200) J	ND(0.000200)	ND(0.000200)	NA
Nickel	0.0200 B	0.00230 B	ND(0.0400)	NA
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500)	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	NA
Vanadium	ND(0.0500)	0.00190 B	ND(0.0500)	NA
Zinc	0.0760	0.0410 J	ND(0.025)	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.060)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Barium	0.0280 B	0.0310 B	0.0280 B	0.0190 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00240 B	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200) J	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00280 B
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	0.0230 J	ND(0.025)	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA *4*
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 09/30/04	78-1 04/04/05	78-1 10/11/05	78-6 06/16/99
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.10)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
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)
Toluene	ND(0.0050)	0.0019 J	0.0016 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)
Total VOCs	ND(0.20)	0.0019 J	0.0016 J	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	ND(0.000050)
Aroclor-1260	NA	NA	NA	ND(0.000050)
Total PCBs	NA	NA	NA	ND(0.000050)
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	0.000045 J	ND(0.000065)	0.000090	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	0.000045 J	ND(0.000065)	0.000090	NA
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.010)
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	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000015)	ND(0.0000000012)	0.0000000035 J	ND(0.0000000032)
TCDFs (total)	ND(0.0000000062)	ND(0.0000000012)	0.0000000035 J	ND(0.0000000032)
1,2,3,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000021)	ND(0.0000000048)	ND(0.0000000079)
2,3,4,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000021)	ND(0.0000000048)	ND(0.0000000083)
PeCDFs (total)	ND(0.0000000094)	ND(0.0000000021)	ND(0.0000000048)	ND(0.0000000083)
1,2,3,4,7,8-HxCDF	ND(0.0000000022)	ND(0.0000000025)	ND(0.0000000048)	ND(0.0000000042)
1,2,3,6,7,8-HxCDF	ND(0.0000000020)	ND(0.0000000020)	ND(0.0000000048)	ND(0.0000000043)
1,2,3,7,8,9-HxCDF	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000048)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	ND(0.0000000022)	ND(0.0000000024)	ND(0.0000000048)	ND(0.0000000044)
HxCDFs (total)	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000048)	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000022)	ND(0.0000000024)	ND(0.0000000048)	ND(0.000000029)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000023)	ND(0.0000000030)	ND(0.0000000048)	ND(0.000000029)
HpCDFs (total)	ND(0.0000000023)	ND(0.0000000030)	ND(0.0000000048)	ND(0.000000029)
OCDF	ND(0.0000000032)	ND(0.0000000036)	ND(0.0000000096)	ND(0.000000017)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA *4*
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 09/30/04	78-1 04/04/05	78-1 10/11/05	78-6 06/16/99
Dioxins				
2,3,7,8-TCDD	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000026)	ND(0.0000000035)
TCDDs (total)	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000026)	ND(0.0000000035)
1,2,3,7,8-PeCDD	ND(0.0000000034)	ND(0.0000000032)	ND(0.0000000048)	ND(0.000000034)
PeCDDs (total)	ND(0.0000000034)	ND(0.0000000032)	ND(0.0000000048)	ND(0.000000034)
1,2,3,4,7,8-HxCDD	ND(0.0000000026)	ND(0.0000000040)	ND(0.0000000048)	ND(0.000000014)
1,2,3,6,7,8-HxCDD	ND(0.0000000023)	ND(0.0000000030)	ND(0.0000000048)	ND(0.000000017)
1,2,3,7,8,9-HxCDD	ND(0.0000000024)	ND(0.0000000033)	ND(0.0000000048)	ND(0.000000015)
HxCDDs (total)	ND(0.0000000026)	ND(0.0000000040)	ND(0.0000000048)	ND(0.000000017)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026)	ND(0.0000000045)	ND(0.0000000048)	ND(0.000000029)
HpCDDs (total)	ND(0.0000000026)	ND(0.0000000045)	ND(0.0000000048)	ND(0.000000029)
OCDD	ND(0.0000000068)	ND(0.0000000076)	ND(0.000000022)	ND(0.000000020)
Total TEQs (WHO TEFs)	0.0000000043	0.0000000042	0.0000000071	0.000000025
Inorganics-Unfiltered				
Antimony	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	0.0320
Barium	NA	NA	NA	0.0830
Beryllium	NA	NA	NA	ND(0.00600)
Cadmium	NA	NA	NA	ND(0.00600) J
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)
Silver	NA	NA	NA	ND(0.0130)
Sulfide	ND(5.00)	ND(5.0)	ND(5.00)	ND(5.00)
Thallium	NA	NA	NA	ND(0.0130)
Vanadium	NA	NA	NA	ND(0.0600)
Zinc	NA	NA	NA	0.0330
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Barium	0.0230 B	0.0120 B	0.0220 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	NA
Cadmium	ND(0.00500)	ND(0.00500)	0.00110 B	NA
Chromium	ND(0.0100)	ND(0.0100)	ND(0.01)	NA
Cobalt	ND(0.0500)	ND(0.0500)	0.00110 B	NA
Copper	ND(0.0250)	ND(0.0250)	0.00240 B	NA
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Lead	ND(0.00300)	ND(0.0030)	ND(0.00300)	NA
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	NA
Nickel	ND(0.0400)	ND(0.0400)	0.00240 B	NA
Selenium	ND(0.00500) J	ND(0.00500)	ND(0.00500)	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100)	NA
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Zinc	ND(0.012) J	0.0290	ND(0.02)	NA

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-6 05/03/01	78-6 10/31-11/1/01	78-6 04/18/02	78-6 10/1-10/2/2002
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000097	0.000021 J	ND(0.000065)
Aroclor-1260	ND(0.000065)	0.00020	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000297	0.000021 J	ND(0.000065)
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000054 J	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000054 J	ND(0.000065)	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	--	--
Organophosphate Pesticides				
None Detected	NA	NA	--	--
Herbicides				
None Detected	NA	NA	--	--
Furans				
2,3,7,8-TCDF	ND(0.00000000085) XB	ND(0.0000000000017)	ND(0.0000000013)	ND(0.0000000013)
TCDFs (total)	ND(0.0000000020)	ND(0.0000000000017)	ND(0.0000000013)	ND(0.0000000013)
1,2,3,7,8-PeCDF	ND(0.00000000030)	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.00000000066)	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)
PeCDFs (total)	ND(0.0000000017)	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	ND(0.00000000083) XB	ND(0.0000000000015)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.00000000030)	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.00000000030)	ND(0.0000000000017)	ND(0.0000000025)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.00000000030)	ND(0.0000000000015)	ND(0.0000000025)	ND(0.0000000025)
HxCDFs (total)	ND(0.00000000083) X	0.0000000000020	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.00000000050)	ND(0.0000000000025)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	ND(0.00000000060)	ND(0.0000000000031)	ND(0.0000000025)	ND(0.0000000025)
HpCDFs (total)	ND(0.00000000050)	ND(0.0000000000028)	ND(0.0000000025)	ND(0.0000000025)
OCDF	ND(0.00000000090)	ND(0.000000000011) X	ND(0.0000000050)	ND(0.0000000050)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-6 05/03/01	78-6 10/31-11/1/01	78-6 04/18/02	78-6 10/1-10/2/2002
Dioxins				
2,3,7,8-TCDD	ND(0.00000000040)	ND(0.0000000000016)	ND(0.0000000016)	ND(0.0000000011)
TCDDs (total)	ND(0.0000000010) X	ND(0.0000000000016)	ND(0.0000000016)	ND(0.0000000011)
1,2,3,7,8-PeCDD	ND(0.00000000040)	ND(0.000000000000040)	ND(0.0000000025)	ND(0.0000000056)
PeCDDs (total)	ND(0.0000000019) X	ND(0.0000000000012)	ND(0.0000000025)	ND(0.0000000056)
1,2,3,4,7,8-HxCDD	ND(0.00000000060)	ND(0.0000000000035)	ND(0.0000000025)	ND(0.0000000044)
1,2,3,6,7,8-HxCDD	ND(0.00000000060)	ND(0.0000000000031)	ND(0.0000000025)	ND(0.0000000040)
1,2,3,7,8,9-HxCDD	ND(0.00000000050)	ND(0.0000000000032)	ND(0.0000000025)	ND(0.0000000041)
HxCDDs (total)	ND(0.0000000060) X	ND(0.0000000000033)	ND(0.0000000026)	ND(0.0000000042)
1,2,3,4,6,7,8-HpCDD	ND(0.00000000080)	0.0000000000097 J	ND(0.0000000031)	ND(0.0000000040)
HpCDDs (total)	ND(0.00000000080)	ND(0.0000000000097)	ND(0.0000000048)	ND(0.0000000055)
OCDD	ND(0.0000000079)	ND(0.000000000054)	ND(0.000000013)	ND(0.000000013)
Total TEQs (WHO TEFs)	0.00000000080	0.0000000000024	0.0000000037	0.0000000053
Inorganics-Unfiltered				
Antimony	0.00250 J	0.0120 B	ND(0.0600)	ND(0.0600)
Arsenic	0.0160	0.370	ND(0.0100)	0.0250
Barium	0.0960 B	0.160 B	ND(0.200)	0.119 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	0.00600	ND(0.00500)	ND(0.00500)
Chromium	0.00250 B	0.0280	ND(0.0100)	ND(0.0100)
Cobalt	0.00480 B	0.0100 B	ND(0.0500)	ND(0.0500)
Copper	ND(0.0100) J	0.0910	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	0.0290	0.00280 B	ND(0.0100)
Lead	ND(0.00500) J	0.0200	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200) J	ND(0.000200) J
Nickel	ND(0.0400)	0.0110 B	ND(0.0400)	ND(0.0400)
Selenium	0.00490 B	0.00510	ND(0.00500)	ND(0.00500) J
Silver	0.0110 J	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500)	0.0150 B	ND(0.0500)	ND(0.0500)
Zinc	0.0110 B	2.00	ND(0.0200) J	0.00530 B
Inorganics-Filtered				
Antimony	0.00370 J	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.100)	ND(0.0100)
Barium	0.0450 B	0.0680 B	ND(0.200)	0.0887 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.0100)	ND(0.00500)
Chromium	0.00370 B	ND(0.0100)	ND(0.0250)	ND(0.0100)
Cobalt	0.00370 B	ND(0.0500)	ND(0.0500)	0.00197 B
Copper	ND(0.0250)	ND(0.0250)	ND(0.100)	ND(0.0250)
Cyanide	NA	NA	NA	ND(0.0100)
Lead	ND(0.00500) J	ND(0.00500) J	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200) J	0.000370 J
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Silver	ND(0.0100)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.00500) J	ND(0.0100) J	0.00230 J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0180 J	ND(0.020) J	ND(0.0200) J	ND(0.0200)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-6 04/21/03	78-6 10/30/03	78-6 04/27/04	78-6 10/01/04
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050) J	ND(0.0050)	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)
Toluene	ND(0.0050)	ND(0.0050)	0.0020 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	0.0020 J	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1254	ND(0.000065)	0.00013	NA	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	NA	NA
Total PCBs	ND(0.000065)	0.00013	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000058 J	ND(0.000065)	0.000022 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000058 J	ND(0.000065)	0.000022 J
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000027)	ND(0.0000000057)	ND(0.00000000098)	ND(0.0000000013)
TCDFs (total)	ND(0.0000000027)	ND(0.0000000057)	ND(0.00000000098)	ND(0.0000000059)
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000017)	ND(0.00000000087)	ND(0.0000000018)
2,3,4,7,8-PeCDF	ND(0.00000000064) X	ND(0.0000000018)	ND(0.00000000074)	ND(0.0000000018)
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000017)	ND(0.0000000016)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000018)
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000017)
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000021)	ND(0.0000000026)	ND(0.0000000021)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000018)	ND(0.0000000024)	ND(0.0000000019)
HxCDFs (total)	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000021)
1,2,3,4,6,7,8-HpCDF	0.0000000016 J	0.0000000037	ND(0.0000000010)	ND(0.0000000016)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000010)	ND(0.0000000025)	ND(0.0000000020)
HpCDFs (total)	0.0000000016	0.0000000037	ND(0.0000000010)	ND(0.0000000020)
OCDF	ND(0.0000000059)	ND(0.0000000071) X	ND(0.0000000057)	ND(0.0000000026)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-6 04/21/03	78-6 10/30/03	78-6 04/27/04	78-6 10/01/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.000000014)	ND(0.0000000012)	ND(0.0000000016)
TCDDs (total)	ND(0.0000000020)	ND(0.000000014)	ND(0.0000000024)	ND(0.0000000016)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000027)	ND(0.0000000024)	ND(0.0000000028)
PeCDDs (total)	ND(0.0000000039)	ND(0.0000000027)	ND(0.0000000033)	ND(0.0000000028)
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000021)	ND(0.0000000045)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000019)	ND(0.0000000040)	ND(0.0000000022)
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000019)	ND(0.0000000043)	ND(0.0000000023)
HxCDDs (total)	ND(0.0000000044)	ND(0.0000000019)	ND(0.0000000042)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026)	0.0000000027	ND(0.0000000036)	ND(0.0000000027)
HpCDDs (total)	ND(0.0000000026)	0.0000000027	ND(0.0000000036)	ND(0.0000000027)
OCDD	ND(0.0000000059)	ND(0.0000000033)	0.0000000052 J	ND(0.0000000051)
Total TEQs (WHO TEFs)	0.0000000035	0.0000000098	0.0000000032	0.0000000035
Inorganics-Unfiltered				
Antimony	0.00410 B	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	ND(0.0100) J	NA	NA
Barium	0.0910 B	0.0310 B	NA	NA
Beryllium	ND(0.00100)	ND(0.00100)	NA	NA
Cadmium	ND(0.00500)	ND(0.00500)	NA	NA
Chromium	ND(0.0100)	ND(0.010)	NA	NA
Cobalt	0.00240 B	ND(0.0500)	NA	NA
Copper	ND(0.0250)	0.00180 B	NA	NA
Cyanide	0.00360 B	0.00260 B	NA	NA
Lead	ND(0.00300)	ND(0.00300)	NA	NA
Mercury	ND(0.000200)	ND(0.000200)	NA	NA
Nickel	0.00270 B	ND(0.0400)	NA	NA
Selenium	ND(0.00500)	ND(0.00500)	NA	NA
Silver	ND(0.00500)	ND(0.00500)	NA	NA
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100)	NA	NA
Vanadium	ND(0.0500)	ND(0.0500)	NA	NA
Zinc	ND(0.020)	ND(0.020)	NA	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	0.00820 B	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100) J	ND(0.0100)	0.00590 B
Barium	0.0750 B	0.0320 B	0.0390 B	0.0550 B
Beryllium	ND(0.00100)	ND(0.00100)	0.000310 B	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.010)	ND(0.0100)	ND(0.0100)
Cobalt	0.00170 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.00240 B	0.00260 B	0.00630 B	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.00280 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00110 B
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.00380 B	ND(0.020)	ND(0.020)	ND(0.0200) J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-6 04/01/05	78-6 10/11/05	GMA4-4 04/21/03	GMA4-4 11/12/03
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050) J	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Dibromomethane	ND(0.0050)	0.0011 J	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	0.0011 J	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248	NA	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	NA	NA	0.000024 J	0.000039 J
Aroclor-1260	NA	NA	ND(0.000065)	ND(0.000065)
Total PCBs	NA	NA	0.000024 J	0.000039 J
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000065 J	0.000028 J	0.000030 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000065 J	0.000028 J	0.000030 J
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000014)	0.0000000026 J	ND(0.0000000021)	ND(0.0000000023)
TCDFs (total)	ND(0.0000000014)	0.0000000026 J	ND(0.0000000021)	ND(0.0000000023)
1,2,3,7,8-PeCDF	ND(0.0000000023)	ND(0.0000000049)	ND(0.0000000025)	0.0000000016 J
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000012)
PeCDFs (total)	ND(0.0000000024)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000028)
1,2,3,4,7,8-HxCDF	ND(0.0000000027)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000012)
1,2,3,6,7,8-HxCDF	ND(0.0000000022)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000016)
1,2,3,7,8,9-HxCDF	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.0000000026)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000025)
HxCDFs (total)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000028)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000019)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000037)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000024)	ND(0.0000000049)	ND(0.0000000032)	ND(0.0000000048)
HpCDFs (total)	ND(0.0000000024)	ND(0.0000000049)	ND(0.0000000027)	ND(0.0000000042)
OCDF	ND(0.0000000037)	ND(0.0000000098)	ND(0.0000000050)	ND(0.000000012)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-6 04/01/05	78-6 10/11/05	GMA4-4 04/21/03	GMA4-4 11/12/03
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000022)	ND(0.0000000019)	ND(0.0000000035)
TCDDs (total)	ND(0.0000000020)	ND(0.0000000034)	ND(0.0000000027)	ND(0.0000000035)
1,2,3,7,8-PeCDD	ND(0.0000000035)	ND(0.0000000049)	ND(0.0000000025)	ND(0.0000000023)
PeCDDs (total)	ND(0.0000000035)	ND(0.0000000049)	ND(0.0000000036)	ND(0.0000000023)
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000049)	ND(0.0000000029)	ND(0.0000000040)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000049)	ND(0.0000000026)	ND(0.0000000039)
1,2,3,7,8,9-HxCDD	ND(0.0000000033)	ND(0.0000000049)	ND(0.0000000028)	ND(0.0000000040)
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000049)	ND(0.0000000040)	ND(0.0000000039)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000035)	ND(0.0000000049)	ND(0.0000000030)	ND(0.0000000054)
HpCDDs (total)	ND(0.0000000035)	ND(0.0000000049)	ND(0.0000000030)	ND(0.0000000054)
OCDD	ND(0.0000000043)	ND(0.000000013)	ND(0.0000000086)	ND(0.000000028)
Total TEQs (WHO TEFs)	0.0000000046	0.0000000069	0.0000000040	0.0000000045
Inorganics-Unfiltered				
Antimony	NA	NA	ND(0.0600)	ND(0.0600)
Arsenic	NA	NA	ND(0.0100)	ND(0.0100)
Barium	NA	NA	0.0160 B	0.00980 B
Beryllium	NA	NA	ND(0.00100)	ND(0.00100)
Cadmium	NA	NA	ND(0.00500)	ND(0.00500)
Chromium	NA	NA	ND(0.0100)	ND(0.010)
Cobalt	NA	NA	ND(0.0500)	ND(0.0500)
Copper	NA	NA	ND(0.0250)	ND(0.0250)
Cyanide	NA	NA	ND(0.0100)	0.00270 B
Lead	NA	NA	ND(0.00300)	ND(0.00300)
Mercury	NA	NA	ND(0.000200)	ND(0.000200)
Nickel	NA	NA	ND(0.0400)	ND(0.0400)
Selenium	NA	NA	ND(0.00500)	ND(0.00500)
Silver	NA	NA	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.0)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	NA	NA	ND(0.0100) J	ND(0.0100)
Vanadium	NA	NA	ND(0.0500)	ND(0.0500)
Zinc	NA	NA	ND(0.025)	ND(0.020)
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	0.00540 B	ND(0.0100)	ND(0.0100)
Barium	0.0470 B	0.0890 B	0.0160 B	0.0120 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.01)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	0.00240 B	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.00210 B	0.0110	ND(0.0100)	0.00280 B
Lead	ND(0.0030)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.00170 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0300	ND(0.0200)	0.00140 B	ND(0.0200) J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-15 06/16/99	H78B-15 05/03/01	H78B-15 11/1-11/26/01	H78B-15 04/18/02
Volatile Organics				
Acetone	ND(0.10)	ND(0.010)	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.010)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000050)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000050)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000035 J	ND(0.000065)	ND(0.000065)	0.000020 J
Aroclor-1260	ND(0.000050)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000035 J	ND(0.000065)	ND(0.000065)	0.000020 J
PCBs-Filtered				
Aroclor-1221	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	NA	ND(0.000065)	ND(0.000065)	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.0060)	ND(0.0060)	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	ND(0.0000000015)	ND(0.00000000040)	ND(0.0000000000016)	ND(0.0000000011)
TCDFs (total)	ND(0.0000000015)	ND(0.0000000012)	ND(0.0000000000016)	ND(0.0000000011)
1,2,3,7,8-PeCDF	ND(0.0000000036)	ND(0.00000000038)	ND(0.00000000000090)	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.0000000034)	ND(0.00000000055) XB	ND(0.00000000000090)	ND(0.0000000025)
PeCDFs (total)	ND(0.0000000036)	ND(0.0000000013)	ND(0.00000000000090)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	ND(0.0000000017)	ND(0.0000000015) XB	ND(0.00000000000080) X	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.0000000017)	ND(0.00000000040)	ND(0.00000000000080) X	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.0000000023)	ND(0.00000000050)	ND(0.00000000000090)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.0000000018)	ND(0.00000000040)	ND(0.00000000000080)	ND(0.0000000025)
HxCDFs (total)	ND(0.0000000023)	ND(0.00000000058)	0.0000000000023	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.000000032)	ND(0.00000000060)	0.0000000000032 J	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	ND(0.000000015)	ND(0.00000000086) XB	ND(0.0000000000021)	ND(0.0000000025)
HpCDFs (total)	ND(0.000000032)	ND(0.00000000086) X	0.0000000000032	ND(0.0000000025)
OCDF	ND(0.0000000076)	ND(0.0000000026)	ND(0.0000000000037) X	0.0000000028 J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-15 06/16/99	H78B-15 05/03/01	H78B-15 11/1-11/26/01	H78B-15 04/18/02
Dioxins				
2,3,7,8-TCDD	ND(0.0000000035)	ND(0.0000000017) XB	ND(0.0000000000010)	ND(0.0000000022)
TCDDs (total)	ND(0.0000000035)	ND(0.0000000031) X	ND(0.0000000000010)	ND(0.0000000022)
1,2,3,7,8-PeCDD	ND(0.0000000071)	ND(0.00000000060)	ND(0.00000000000090)	ND(0.0000000025)
PeCDDs (total)	ND(0.0000000071)	ND(0.0000000018) X	ND(0.0000000000018)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	ND(0.0000000056)	ND(0.00000000080)	ND(0.0000000000012)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000070)	ND(0.0000000012)	ND(0.0000000000011)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	ND(0.0000000062)	ND(0.00000000095) XB	ND(0.0000000000011)	ND(0.0000000025)
HxCDDs (total)	ND(0.0000000070)	0.0000000032	0.0000000000022	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDD	ND(0.000000011)	0.0000000052 JB	ND(0.0000000000039) X	ND(0.0000000028)
HpCDDs (total)	ND(0.000000011)	ND(0.0000000052)	0.0000000000028	ND(0.0000000028)
OCDD	ND(0.0000000090)	ND(0.0000000077)	0.000000000026 J	ND(0.000000028)
Total TEQs (WHO TEFs)	0.0000000079	0.0000000017	0.0000000000017	0.0000000040
Inorganics-Unfiltered				
Antimony	ND(0.0600)	0.00290 J	0.00990 B	ND(0.0600)
Arsenic	ND(0.00600)	ND(0.0100)	0.0200	ND(0.0100)
Barium	0.0570	0.00430 B	0.150 B	ND(0.200)
Beryllium	ND(0.00600)	ND(0.00100)	0.000930 B	ND(0.00100)
Cadmium	ND(0.00600) J	ND(0.00500)	0.00250 B	ND(0.00500)
Chromium	ND(0.0130)	0.00290 B	0.0430	ND(0.0100)
Cobalt	ND(0.0600)	ND(0.0500)	0.0310 B	ND(0.0500)
Copper	ND(0.0330)	0.00910 B	0.0810	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100)	ND(0.0100)	0.0120
Lead	ND(0.130) J	ND(0.00500) J	0.0310	ND(0.00300)
Mercury	ND(0.000500)	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0600)	ND(0.0400)	0.0560	ND(0.0400)
Selenium	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.0130)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0130)	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0600)	ND(0.0500)	0.0330 B	ND(0.0500)
Zinc	0.0830	0.0110 J	0.220	ND(0.0200) J
Inorganics-Filtered				
Antimony	NA	ND(0.0100) J	0.00910 B	ND(0.0600)
Arsenic	NA	ND(0.0100)	ND(0.0100)	ND(0.100)
Barium	NA	0.00460 B	0.0700 B	ND(0.200)
Beryllium	NA	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	NA	ND(0.00500)	0.000880 B	ND(0.0100)
Chromium	NA	ND(0.0100)	ND(0.0100)	ND(0.0250)
Cobalt	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	NA	0.00610 B	ND(0.0250)	ND(0.100)
Cyanide	NA	NA	NA	NA
Lead	NA	ND(0.00500) J	ND(0.00500) J	ND(0.00300)
Mercury	NA	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	NA	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	NA	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	NA	0.0180 J	ND(0.0200)	ND(0.0200) J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-15 10/01/02	H78B-15 04/22/03	H78B-15 11/11/03	H78B-15 04/29/04
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
Toluene	ND(0.0050)	ND(0.0050)	0.0016 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	0.0016 J	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	0.0097	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.0025)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	ND(0.0025)	ND(0.000065)	0.000039 J	NA
Aroclor-1260	ND(0.0025)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	0.0097	ND(0.000065)	0.000039 J	NA
PCBs-Filtered				
Aroclor-1221	0.0084	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.0025)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.0025)	ND(0.000065)	0.000024 J	ND(0.000065)
Aroclor-1260	ND(0.0025)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0084	ND(0.000065)	0.000024 J	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	ND(0.0000000023)	ND(0.0000000050)	ND(0.0000000022)	ND(0.00000000041)
TCDFs (total)	ND(0.0000000023)	0.000000020	ND(0.0000000022)	ND(0.00000000041)
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000059)	0.0000000017 J	ND(0.00000000051)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000059)	0.0000000016 J	ND(0.00000000052)
PeCDFs (total)	0.0000000046	0.000000038	ND(0.0000000054)	ND(0.00000000052)
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000038)	ND(0.0000000066)	ND(0.00000000021)
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000034)	0.0000000016 J	ND(0.00000000020)
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000045)	ND(0.0000000014) X	ND(0.00000000030)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000037)	0.0000000011 J	ND(0.00000000022)
HxCDFs (total)	0.0000000024	ND(0.0000000038)	ND(0.0000000017)	ND(0.00000000030)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000050)	ND(0.0000000020) X	0.0000000015 J	ND(0.00000000026)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000031)	ND(0.0000000041)	ND(0.0000000025)	ND(0.00000000034)
HpCDFs (total)	ND(0.0000000050)	ND(0.0000000035)	0.0000000015	ND(0.00000000034)
OCDF	ND(0.0000000050)	ND(0.0000000095)	ND(0.0000000060)	ND(0.00000000094)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-15 10/01/02	H78B-15 04/22/03	H78B-15 11/11/03	H78B-15 04/29/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000024)	ND(0.0000000035)	ND(0.0000000029)	ND(0.00000000047)
TCDDs (total)	ND(0.0000000024)	ND(0.0000000035)	ND(0.0000000029)	ND(0.00000000047)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000051)	0.0000000015 J	ND(0.00000000099)
PeCDDs (total)	ND(0.0000000039)	0.0000000051 Q	0.0000000015	ND(0.00000000099)
1,2,3,4,7,8-HxCDD	ND(0.0000000034)	ND(0.0000000046)	0.0000000014 J	ND(0.00000000054)
1,2,3,6,7,8-HxCDD	ND(0.0000000032)	ND(0.0000000042)	0.0000000016 J	ND(0.00000000050)
1,2,3,7,8,9-HxCDD	ND(0.0000000032)	ND(0.0000000046)	ND(0.0000000021) X	ND(0.00000000054)
HxCDDs (total)	ND(0.0000000048)	ND(0.0000000044)	0.0000000029	ND(0.00000000054)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000035)	0.0000000039 J	ND(0.0000000033)	ND(0.00000000049)
HpCDDs (total)	ND(0.0000000035)	0.0000000039	ND(0.0000000033)	ND(0.00000000049)
OCDD	ND(0.000000010)	0.0000000078 J	ND(0.0000000072) X	ND(0.00000000059)
Total TEQs (WHO TEFs)	0.0000000043	0.0000000077	0.0000000051	0.0000000010
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Barium	0.0145 B	0.0100 B	0.0240 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00500)	NA
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Chromium	ND(0.0100)	ND(0.0100)	ND(0.010)	NA
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Copper	0.00842 B	0.00680 J	ND(0.0250)	NA
Cyanide	ND(0.0100)	ND(0.0100)	0.00370 B	NA
Lead	ND(0.00300)	ND(0.00300) J	ND(0.00300)	NA
Mercury	ND(0.000200) J	ND(0.000200)	ND(0.000200)	NA
Nickel	ND(0.0400)	0.00360 B	ND(0.0400)	NA
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500)	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Sulfide	14.0	6.40	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	NA
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Zinc	0.0210	0.0160 J	ND(0.020)	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	0.0100 J	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0154 B	0.0120 B	0.0260 B	0.0270 B
Beryllium	ND(0.00100)	ND(0.00100) J	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	0.00260 J	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500) J	ND(0.0500)	ND(0.0500)
Copper	0.00737 B	0.00250 B	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00210 B
Lead	ND(0.00300)	ND(0.00300) J	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200) J	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	0.00140 B	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	0.00840 J	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	ND(0.0200) J	ND(0.020)	ND(0.020)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-15 10/04/04	H78B-15 04/04/05	H78B-15 10/17/05	NY-4 06/14/99
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.10)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	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	0.00012
Aroclor-1260	NA	NA	NA	ND(0.00010)
Total PCBs	NA	NA	NA	0.00012
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	0.000035 J	0.000031 J	ND(0.000065)	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	0.000035 J	0.000031 J	ND(0.000065)	NA
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.010)
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	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000026)	ND(0.0000000014)	ND(0.0000000019)	ND(0.0000000020)
TCDFs (total)	ND(0.0000000026)	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000020)
1,2,3,7,8-PeCDF	ND(0.0000000010)	ND(0.0000000024)	ND(0.0000000050)	ND(0.0000000074)
2,3,4,7,8-PeCDF	ND(0.0000000010)	ND(0.0000000024)	ND(0.0000000050)	ND(0.0000000069)
PeCDFs (total)	ND(0.0000000018)	ND(0.0000000024)	ND(0.0000000050)	ND(0.0000000074)
1,2,3,4,7,8-HxCDF	ND(0.00000000085)	ND(0.0000000026)	ND(0.0000000050)	ND(0.000000021)
1,2,3,6,7,8-HxCDF	ND(0.00000000071)	ND(0.0000000021)	ND(0.0000000050)	ND(0.000000022)
1,2,3,7,8,9-HxCDF	ND(0.00000000092)	ND(0.0000000028)	ND(0.0000000050)	ND(0.000000021)
2,3,4,6,7,8-HxCDF	ND(0.00000000082)	ND(0.0000000025)	ND(0.0000000050)	ND(0.000000023)
HxCDFs (total)	ND(0.00000000092)	ND(0.0000000028)	ND(0.0000000050)	ND(0.000000023)
1,2,3,4,6,7,8-HpCDF	ND(0.00000000054)	ND(0.0000000025)	ND(0.0000000050)	ND(0.000000054)
1,2,3,4,7,8,9-HpCDF	ND(0.00000000064)	ND(0.0000000032)	ND(0.0000000050)	ND(0.000000054)
HpCDFs (total)	ND(0.00000000064)	ND(0.0000000032)	ND(0.0000000050)	ND(0.000000054)
OCDF	ND(0.0000000027)	ND(0.0000000040)	ND(0.0000000099)	ND(0.000000067)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-15 10/04/04	H78B-15 04/04/05	H78B-15 10/17/05	NY-4 06/14/99
Dioxins				
2,3,7,8-TCDD	ND(0.0000000011)	ND(0.0000000020)	ND(0.0000000024)	ND(0.0000000030)
TCDDs (total)	ND(0.0000000011)	ND(0.0000000020)	ND(0.0000000024)	ND(0.0000000030)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000038)	ND(0.0000000050)	ND(0.000000031)
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000038)	ND(0.0000000050)	ND(0.000000031)
1,2,3,4,7,8-HxCDD	ND(0.0000000011)	ND(0.0000000041)	ND(0.0000000050)	ND(0.000000032)
1,2,3,6,7,8-HxCDD	ND(0.00000000087)	ND(0.0000000031)	ND(0.0000000050)	ND(0.000000040)
1,2,3,7,8,9-HxCDD	ND(0.00000000091)	ND(0.0000000034)	ND(0.0000000050)	ND(0.000000036)
HxCDDs (total)	ND(0.0000000012)	ND(0.0000000041)	ND(0.0000000050)	ND(0.000000040)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000013)	ND(0.0000000044)	ND(0.0000000050)	ND(0.000000082)
HpCDDs (total)	ND(0.0000000013)	ND(0.0000000044)	ND(0.0000000050)	ND(0.000000082)
OCDD	ND(0.0000000028)	ND(0.0000000053)	ND(0.000000011)	ND(0.000000084)
Total TEQs (WHO TEFs)	0.0000000025	0.0000000047	0.0000000070	0.000000029
Inorganics-Unfiltered				
Antimony	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	ND(0.00600)
Barium	NA	NA	NA	0.0200
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	ND(5.00)	ND(5.0)	ND(5.00)	ND(5.00)
Thallium	NA	NA	NA	ND(0.0130)
Vanadium	NA	NA	NA	ND(0.0600)
Zinc	NA	NA	NA	ND(0.0260)
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100) J	ND(0.0100)	ND(0.0100)	NA
Barium	0.00800 B	0.0680 B	0.0180 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	NA
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Copper	ND(0.0250)	ND(0.0250)	0.00280 B	NA
Cyanide	ND(0.0100)	0.0140	0.00480 B	NA
Lead	ND(0.00300) J	ND(0.00300)	ND(0.003)	NA
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	NA
Nickel	0.00210 B	0.00150 B	ND(0.0400)	NA
Selenium	ND(0.00500)	ND(0.00500) J	ND(0.00500) J	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	NA
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Zinc	ND(0.020)	0.0150 B	ND(0.02)	NA

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	NY-4 04/30/01	NY-4 11/21-11/26/2001	NY-4 04/22/02	NY-4 10/03/02
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J	ND(0.010) J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.00023	0.00016	0.000069	ND(0.000065)
Aroclor-1260	0.000080	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.00031	0.00016	0.000069	ND(0.000065)
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.00011	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.00011	ND(0.000065)	ND(0.000065)	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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) J	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
None Detected	NA	NA	--	--
Organophosphate Pesticides				
None Detected	NA	NA	--	--
Herbicides				
None Detected	NA	NA	--	--
Furans				
2,3,7,8-TCDF	ND(0.0000000011)	ND(0.00000000000050)	ND(0.0000000014)	ND(0.0000000012)
TCDFs (total)	ND(0.000000018) X	ND(0.00000000000050)	ND(0.0000000014)	ND(0.0000000012)
1,2,3,7,8-PeCDF	ND(0.000000012)	ND(0.0000000000014)	0.00000000086 J	ND(0.0000000025)
2,3,4,7,8-PeCDF	0.0000000034 J	0.0000000000011 J	0.0000000010 J	ND(0.0000000025)
PeCDFs (total)	0.000000044	ND(0.0000000000024)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	ND(0.000000013)	ND(0.0000000000027)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.0000000032)	ND(0.0000000000024)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.0000000010)	ND(0.0000000000031)	ND(0.0000000024)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.0000000017)	ND(0.0000000000027)	ND(0.0000000024)	ND(0.0000000025)
HxCDFs (total)	ND(0.000000027)	ND(0.0000000000027)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000066)	0.0000000000038 J	ND(0.0000000015)	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	0.0000000034 JB	ND(0.0000000000040)	ND(0.0000000024)	ND(0.0000000025)
HpCDFs (total)	ND(0.000000014)	0.0000000000092	ND(0.0000000027)	ND(0.0000000025)
OCDF	0.000000023 J	ND(0.000000000016)	ND(0.0000000058)	ND(0.0000000049)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	NY-4 04/30/01	NY-4 11/21-11/26/2001	NY-4 04/22/02	NY-4 10/03/02
Dioxins				
2,3,7,8-TCDD	0.000000017	ND(0.00000000000070)	ND(0.0000000023)	ND(0.0000000012)
TCDDs (total)	0.000000017	ND(0.0000000000014)	ND(0.0000000023)	ND(0.0000000017)
1,2,3,7,8-PeCDD	ND(0.0000000018)	ND(0.00000000000070)	ND(0.0000000024)	ND(0.0000000025)
PeCDDs (total)	ND(0.0000000093)	ND(0.0000000000010)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	ND(0.0000000016)	ND(0.0000000000049)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.000000017)	ND(0.0000000000044)	ND(0.0000000024)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	ND(0.000000012)	ND(0.0000000000045)	ND(0.0000000024)	ND(0.0000000025)
HxCDDs (total)	ND(0.000000062)	ND(0.0000000000046)	ND(0.0000000024)	ND(0.0000000032)
1,2,3,4,6,7,8-HpCDD	0.000000084 B	ND(0.0000000000095)	0.0000000042 J	ND(0.0000000027) X
HpCDDs (total)	0.00000012	ND(0.0000000000095)	0.0000000042	ND(0.0000000025)
OCDD	ND(0.000000048)	ND(0.000000000077)	ND(0.000000022)	ND(0.000000011)
Total TEQs (WHO TEFs)	0.000000023	0.0000000000027	0.0000000039	0.0000000035
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	0.00450 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0300 B	0.0590 B	ND(0.200)	0.0370 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Chromium	0.00460 B	0.110	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	0.00790 B	ND(0.0500)	ND(0.0500)
Copper	0.0100 B	0.0180 B	ND(0.0250)	0.00490 B
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00500)	0.0066 J	ND(0.00300)	0.00580
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0400)	0.0770	ND(0.0400)	ND(0.0400)
Selenium	0.0080 J	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	0.00840 B	ND(0.0500)	ND(0.0500)
Zinc	0.0350	0.0620	ND(0.0200)	0.00890 J
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	0.00610 B
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.100)	ND(0.0100)
Barium	0.0170 B	0.0180 B	ND(0.200)	0.0210 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.0100)	ND(0.00500) J
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0250)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.00410 B	ND(0.0250)	ND(0.100)	ND(0.0250)
Cyanide	NA	NA	NA	ND(0.0100)
Lead	ND(0.00500)	ND(0.00500) J	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	0.000170 J
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	0.0075 J	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0180 B	ND(0.028)	ND(0.0200)	ND(0.0200) J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1 10/31/01	OPCA-MW-1 04/19/02
Volatile Organics				
Acetone	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010) J
Carbon Disulfide	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.010)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000050)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000050)	ND(0.000065)	ND(0.000065)	0.00053
Aroclor-1254	0.000054	ND(0.000065)	0.00013	0.00025
Aroclor-1260	ND(0.000050)	ND(0.000065)	0.000088	ND(0.000065)
Total PCBs	0.000054	ND(0.000065)	0.000218	0.00078
PCBs-Filtered				
Aroclor-1221	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	NA	ND(0.000065)	0.000029 J	0.00016
Aroclor-1260	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	NA	ND(0.000065)	0.000029 J	0.00016
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.012)	ND(0.010)	ND(0.0060)	ND(0.0060)
Dibenzofuran	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.012)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.012)	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	ND(0.0000000011)	ND(0.0000000013)	0.0000000014 J	ND(0.0000000013)
TCDFs (total)	0.0000000090 J	ND(0.0000000013)	0.0000000058	0.0000000024
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND0.0000000037)	ND(0.0000000000033)	0.00000000096 J
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000015)	ND(0.0000000000035)	0.0000000015 J
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000037)	ND(0.000000000022)	0.0000000056
1,2,3,4,7,8-HxCDF	ND(0.0000000011)	ND(0.0000000025)	0.0000000052 J	0.0000000016 J
1,2,3,6,7,8-HxCDF	ND(0.0000000011)	ND(0.0000000015)	0.0000000041 J	0.0000000014 J
1,2,3,7,8,9-HxCDF	ND(0.0000000016)	ND(0.0000000021)	ND(0.0000000000031)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.0000000012)	ND(0.00000000090)	ND(0.0000000000038)	ND(0.0000000025)
HxCDFs (total)	ND(0.0000000016)	ND(0.0000000046)	ND(0.000000000034)	0.0000000053
1,2,3,4,6,7,8-HpCDF	ND(0.0000000073)	ND(0.0000000025)	ND(0.0000000000054)	0.0000000024 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000090)	ND(0.0000000015)	0.0000000026 J	ND(0.0000000025)
HpCDFs (total)	0.0000000078 J	ND(0.0000000025)	0.000000012	0.0000000061
OCDF	ND(0.0000000037)	ND(0.0000000046)	0.0000000069 J	0.0000000051 J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1 10/31/01	OPCA-MW-1 04/19/02
Dioxins				
2,3,7,8-TCDD	ND(0.0000000012)	ND(0.0000000018)	ND(0.0000000022) X	ND(0.0000000020)
TCDDs (total)	ND(0.0000000012)	ND(0.0000000018)	ND(0.00000000040)	ND(0.0000000020)
1,2,3,7,8-PeCDD	ND(0.0000000046)	ND(0.0000000015)	ND(0.0000000037) X	ND(0.0000000025)
PeCDDs (total)	ND(0.0000000046)	ND(0.0000000015)	ND(0.0000000022)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	ND(0.0000000034)	ND(0.0000000012)	0.0000000022 J	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000042)	ND(0.0000000013)	ND(0.0000000020) X	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	ND(0.0000000038)	ND(0.0000000012)	ND(0.0000000000021)	ND(0.0000000025)
HxCDDs (total)	ND(0.0000000042)	ND(0.0000000025)	ND(0.0000000000092)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000070)	ND(0.0000000045)	0.0000000064 J	ND(0.0000000061)
HpCDDs (total)	ND(0.0000000070)	ND(0.0000000045)	0.000000012	ND(0.000000012)
OCDD	ND(0.0000000044)	ND(0.000000029)	ND(0.000000000060)	ND(0.000000049)
Total TEQs (WHO TEFs)	0.0000000046	0.0000000028	0.0000000044	0.0000000041
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.00600)	0.00450 B	ND(0.0100)	ND(0.0100)
Barium	0.0620	0.0240 B	0.0240 B	ND(0.200)
Beryllium	ND(0.00600)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00600) J	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0130)	ND(0.025) J	0.00470 B	ND(0.0100)
Cobalt	ND(0.0600)	0.000350 B	ND(0.0500)	ND(0.0500)
Copper	ND(0.0330)	ND(0.0250)	0.00660 B	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.130) J	ND(0.0050) J	ND(0.00500) J	ND(0.00300)
Mercury	ND(0.000500)	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0600)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.0130)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0130)	ND(0.010) J	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0260)	0.028 J	0.0210 J	ND(0.0200) J
Inorganics-Filtered				
Antimony	NA	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	NA	ND(0.0100)	ND(0.0100)	ND(0.100)
Barium	NA	0.0230 B	0.0220 B	ND(0.200)
Beryllium	NA	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	NA	ND(0.00500)	ND(0.00500)	ND(0.0100)
Chromium	NA	ND(0.025) J	ND(0.0100)	ND(0.0250)
Cobalt	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	NA	0.00420 B	ND(0.0250)	ND(0.100)
Cyanide	NA	NA	NA	NA
Lead	NA	ND(0.0050) J	ND(0.00500) J	ND(0.00300)
Mercury	NA	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	NA	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	NA	ND(0.010) J	ND(0.0100)	ND(0.0100) J
Vanadium	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	NA	0.028 J	0.0180 BJ	ND(0.0200) J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/03/02	OPCA-MW-1 04/22/03	OPCA-MW-1 11/11/03	OPCA-MW-1 04/28/04
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	0.00011	0.00054	0.0012	NA
Aroclor-1260	ND(0.000065)	0.000083	ND(0.000065)	NA
Total PCBs	0.00011	0.000623	0.0012	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.00037
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.00037
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	ND(0.0000000052) X	ND(0.0000000044)	ND(0.0000000028)	ND(0.0000000016)
TCDFs (total)	0.0000000047	0.000000012	ND(0.0000000028)	ND(0.0000000016)
1,2,3,7,8-PeCDF	ND(0.0000000027) X	ND(0.0000000024)	ND(0.0000000016) X	ND(0.0000000021)
2,3,4,7,8-PeCDF	0.0000000037 J	0.0000000016 J	ND(0.0000000016)	ND(0.0000000024)
PeCDFs (total)	ND(0.000000010)	0.000000014 I	ND(0.0000000034)	ND(0.000000011)
1,2,3,4,7,8-HxCDF	0.0000000053 J	0.0000000049 J	ND(0.0000000013)	ND(0.0000000043)
1,2,3,6,7,8-HxCDF	0.0000000031 J	0.0000000024 J	ND(0.0000000016)	ND(0.0000000033)
1,2,3,7,8,9-HxCDF	ND(0.0000000028)	ND(0.0000000031)	ND(0.0000000030)	0.0000000016 J
2,3,4,6,7,8-HxCDF	ND(0.0000000032) X	ND(0.0000000015) X	ND(0.0000000025)	ND(0.0000000017) X
HxCDFs (total)	ND(0.0000000072)	0.000000010	ND(0.0000000040)	ND(0.0000000012)
1,2,3,4,6,7,8-HpCDF	0.0000000069 J	0.0000000044 J	ND(0.0000000055) X	0.0000000031 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000038)	ND(0.0000000022) X
HpCDFs (total)	0.000000011	0.0000000044	0.0000000035	0.0000000031
OCDF	0.000000011 J	0.0000000096 J	0.0000000079 J	ND(0.0000000044) X

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/03/02	OPCA-MW-1 04/22/03	OPCA-MW-1 11/11/03	OPCA-MW-1 04/28/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000016)	ND(0.0000000042)	ND(0.0000000044)	ND(0.0000000020)
TCDDs (total)	ND(0.0000000016)	ND(0.0000000042)	ND(0.0000000044)	ND(0.0000000025)
1,2,3,7,8-PeCDD	ND(0.0000000027)	ND(0.0000000032)	ND(0.0000000015)	0.0000000023 J
PeCDDs (total)	ND(0.0000000027)	ND(0.0000000034)	ND(0.0000000015)	0.0000000023
1,2,3,4,7,8-HxCDD	ND(0.0000000054)	ND(0.0000000039)	ND(0.0000000042)	ND(0.0000000039)
1,2,3,6,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000035)	ND(0.0000000041)	0.0000000019 J
1,2,3,7,8,9-HxCDD	ND(0.0000000050)	ND(0.0000000039)	ND(0.0000000042)	0.0000000023 J
HxCDDs (total)	ND(0.0000000051)	ND(0.0000000044)	ND(0.0000000029)	0.0000000042
1,2,3,4,6,7,8-HpCDD	ND(0.0000000088) X	ND(0.0000000030) X	0.0000000056 J	ND(0.0000000025)
HpCDDs (total)	0.000000017	0.0000000022	0.0000000056	ND(0.0000000025)
OCDD	ND(0.000000077)	0.000000018 J	0.000000021 J	ND(0.0000000094)
Total TEQs (WHO TEFs)	0.0000000064	0.0000000064	0.0000000047	0.0000000053
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Barium	0.0250 B	0.0210 B	0.0180 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00500)	NA
Cadmium	0.000470 B	ND(0.00500)	ND(0.00500)	NA
Chromium	ND(0.100)	ND(0.0100)	ND(0.010)	NA
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Copper	ND(0.0250)	0.00550 J	ND(0.0250)	NA
Cyanide	0.00430 B	ND(0.0100)	0.00310 B	NA
Lead	ND(0.00300)	ND(0.00300) J	ND(0.00300)	NA
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	NA
Nickel	0.00230 B	ND(0.0400)	ND(0.0400)	NA
Selenium	0.00610 J	ND(0.00500) J	ND(0.00500)	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Sulfide	ND(5.00)	20.0	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	NA
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	NA
Zinc	0.0150 J	0.0170 J	ND(0.020)	NA
Inorganics-Filtered				
Antimony	0.00420 B	ND(0.0600) J	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0230 B	0.0200 B	0.0200 B	0.0190 B
Beryllium	ND(0.00100)	ND(0.00100) J	ND(0.00100)	0.000320 B
Cadmium	0.000510 B	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	0.00180 J	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500) J	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300) J	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	ND(0.0100)
Vanadium	0.00200 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200) J	ND(0.0200) J	ND(0.020)	ND(0.0200)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/01/04	OPCA-MW-1 04/04/05	OPCA-MW-1 10/12/05
Volatile Organics			
Acetone	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Chlorobenzene	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)
Toluene	ND(0.0050)	0.0017 J	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)	0.0017 J	ND(0.20)
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(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000092	0.00021	0.00069
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000092	0.00021	0.00069
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)	R
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010) J
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	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)	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(0.0000000031)	ND(0.0000000025)	0.0000000026 J
TCDFs (total)	0.000000015	0.0000000053	0.0000000026 J
1,2,3,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000025)	ND(0.0000000049)
2,3,4,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000025)	ND(0.0000000049)
PeCDFs (total)	ND(0.0000000054)	ND(0.0000000028)	ND(0.0000000049)
1,2,3,4,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000027)	ND(0.0000000049)
1,2,3,6,7,8-HxCDF	ND(0.0000000017)	ND(0.0000000022)	ND(0.0000000049)
1,2,3,7,8,9-HxCDF	ND(0.0000000021)	ND(0.0000000029)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000026)	ND(0.0000000049)
HxCDFs (total)	ND(0.0000000021)	ND(0.0000000029)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000018)	ND(0.0000000026)	ND(0.0000000049)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000021)	ND(0.0000000027)	ND(0.0000000049)
HpCDFs (total)	ND(0.0000000021)	ND(0.0000000027)	ND(0.0000000049)
OCDF	ND(0.0000000026)	ND(0.0000000035)	ND(0.0000000098)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/01/04	OPCA-MW-1 04/04/05	OPCA-MW-1 10/12/05
Dioxins			
2,3,7,8-TCDD	ND(0.0000000016)	ND(0.0000000019)	ND(0.0000000025)
TCDDs (total)	ND(0.0000000016)	ND(0.0000000019)	ND(0.0000000025)
1,2,3,7,8-PeCDD	ND(0.0000000027)	ND(0.0000000037)	ND(0.0000000049)
PeCDDs (total)	ND(0.0000000027)	ND(0.0000000037)	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	ND(0.0000000026)	ND(0.0000000035)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	ND(0.0000000024)	ND(0.0000000027)	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	ND(0.0000000024)	ND(0.0000000029)	ND(0.0000000049)
HxCDDs (total)	ND(0.0000000026)	ND(0.0000000035)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000023)	ND(0.0000000041)	ND(0.0000000049)
HpCDDs (total)	ND(0.0000000023)	ND(0.0000000041)	ND(0.0000000049)
OCDD	ND(0.0000000044)	ND(0.0000000075)	ND(0.0000000016)
Total TEQs (WHO TEFs)	0.0000000037	0.0000000046	0.0000000071
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	ND(5.00)	ND(5.0)	ND(5.00)
Thallium	NA	NA	NA
Vanadium	NA	NA	NA
Zinc	NA	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0170 B	0.0160 B	0.0210 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.01)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.012) J	0.0130 B	ND(0.02)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 06/15/99	OPCA-MW-2 05/02/01	OPCA-MW-2 10/31/01
Volatile Organics			
Acetone	ND(0.10) [ND(0.10)]	ND(0.010)	ND(0.010)
Carbon Disulfide	ND(0.010) [ND(0.010)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.010) [ND(0.010)]	ND(0.0050)	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)
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(0.010)]	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	ND(0.000050) [ND(0.000050)]	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000050) [ND(0.000050)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000050) [ND(0.000050)]	ND(0.000065)	0.00014
Aroclor-1260	ND(0.000050) [ND(0.000050)]	ND(0.000065)	0.00047
Total PCBs	ND(0.000050) [ND(0.000050)]	ND(0.000065)	0.00061
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)	0.00067
Total PCBs	NA	ND(0.000065)	0.00093
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)
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.010) [ND(0.010)]	ND(0.0060)	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	ND(0.00000000080) [ND(0.00000000060)]	ND(0.0000000013)	ND(0.0000000010) X
TCDFs (total)	ND(0.00000000080) [ND(0.00000000060)]	ND(0.0000000013)	0.0000000032
1,2,3,7,8-PeCDF	ND(0.0000000038) [ND(0.0000000021)]	ND(0.0000000020)	ND(0.0000000000021)
2,3,4,7,8-PeCDF	ND(0.0000000040) [ND(0.0000000023)]	ND(0.0000000020)	ND(0.0000000032) X
PeCDFs (total)	ND(0.0000000040) [ND(0.0000000023)]	ND(0.0000000020)	ND(0.000000000016)
1,2,3,4,7,8-HxCDF	ND(0.000000011) [ND(0.0000000051)]	ND(0.0000000022)	ND(0.0000000000079)
1,2,3,6,7,8-HxCDF	ND(0.000000011) [ND(0.0000000052)]	ND(0.0000000010)	ND(0.0000000000042)
1,2,3,7,8,9-HxCDF	ND(0.000000017) [ND(0.0000000049)]	ND(0.0000000014)	ND(0.0000000026) X
2,3,4,6,7,8-HxCDF	ND(0.000000011) [ND(0.0000000054)]	ND(0.0000000012)	ND(0.0000000024) X
HxCDFs (total)	ND(0.000000017) [ND(0.0000000054)]	ND(0.0000000022)	ND(0.000000000016)
1,2,3,4,6,7,8-HpCDF	ND(0.000000048) [ND(0.000000011)]	ND(0.0000000018)	ND(0.0000000074) X
1,2,3,4,7,8,9-HpCDF	ND(0.000000031) [ND(0.000000013)]	ND(0.0000000022)	0.0000000039 J
HpCDFs (total)	ND(0.000000048) [0.000000013 J]	ND(0.0000000020)	0.000000014
OCDF	ND(0.000000022) [ND(0.000000010)]	ND(0.0000000043)	0.000000022 J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 06/15/99	OPCA-MW-2 05/02/01	OPCA-MW-2 10/31/01
Dioxins			
2,3,7,8-TCDD	ND(0.0000000015) [ND(0.0000000011)]	ND(0.0000000017)	ND(0.0000000021) X
TCDDs (total)	ND(0.0000000015) [ND(0.0000000011)]	ND(0.0000000017)	ND(0.0000000015)
1,2,3,7,8-PeCDD	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000018)	ND(0.0000000023) X
PeCDDs (total)	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000018)	ND(0.0000000026)
1,2,3,4,7,8-HxCDD	ND(0.000000014) [ND(0.0000000068)]	ND(0.0000000017)	0.0000000014 J
1,2,3,6,7,8-HxCDD	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)	ND(0.0000000000018)
1,2,3,7,8,9-HxCDD	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000017)	ND(0.0000000000014)
HxCDDs (total)	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)	ND(0.000000000012)
1,2,3,4,6,7,8-HpCDD	ND(0.000000036) [ND(0.000000013)]	ND(0.0000000031)	0.0000000062 J
HpCDDs (total)	ND(0.000000036) [ND(0.000000013)]	ND(0.0000000031)	0.000000011
OCDD	ND(0.000000033) [ND(0.000000015)]	ND(0.000000012)	ND(0.000000000049)
Total TEQs (WHO TEFs)	0.000000015 [0.0000000074]	0.0000000029	0.0000000036
Inorganics-Unfiltered			
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.00600) [ND(0.00600)]	ND(0.0100)	0.0190
Barium	0.0320 [0.0340]	0.0190 B	0.130 B
Beryllium	ND(0.00600) [ND(0.00600)]	ND(0.00100)	0.000820 B
Cadmium	ND(0.00600) [ND(0.00600)]	ND(0.00500)	0.00300 B
Chromium	ND(0.0130) [ND(0.0130)]	ND(0.025) J	0.0510
Cobalt	ND(0.0600) [ND(0.0600)]	ND(0.0500)	0.0180 B
Copper	ND(0.0330) [ND(0.0330)]	ND(0.0250)	0.0510
Cyanide	ND(0.0200) [ND(0.0200)]	ND(0.0100)	ND(0.0100)
Lead	ND(0.130) J [ND(0.130) J]	ND(0.0050) J	0.0180
Mercury	ND(0.000500) [ND(0.000500)]	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0600) [ND(0.0600)]	ND(0.0400)	0.0360 B
Selenium	ND(0.00600) J [ND(0.00600) J]	0.00890	ND(0.00500)
Silver	ND(0.0130) [ND(0.0130)]	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	ND(0.0130) [ND(0.0130)]	ND(0.010) J	ND(0.0100)
Vanadium	ND(0.0600) [ND(0.0600)]	ND(0.0500)	0.0380 B
Zinc	ND(0.0260) [ND(0.0260)]	0.016 BJ	0.150
Inorganics-Filtered			
Antimony	NA	ND(0.0600)	ND(0.0600)
Arsenic	NA	ND(0.0100)	ND(0.0100)
Barium	NA	0.0180 B	0.0200 B
Beryllium	NA	ND(0.00100)	ND(0.00100)
Cadmium	NA	ND(0.00500)	ND(0.00500)
Chromium	NA	ND(0.025) J	ND(0.0100)
Cobalt	NA	ND(0.0500)	ND(0.0500)
Copper	NA	ND(0.0250)	ND(0.0250)
Cyanide	NA	NA	NA
Lead	NA	ND(0.0050) J	ND(0.00500) J
Mercury	NA	ND(0.000200)	ND(0.000200)
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(0.010) J	ND(0.0100)
Vanadium	NA	ND(0.0500)	ND(0.0500)
Zinc	NA	0.020 BJ	0.0140 B

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 04/22/02	OPCA-MW-2 10/03/02	OPCA-MW-2 04/24/03
Volatile Organics			
Acetone	ND(0.010) J [ND(0.010) J]	ND(0.010)	ND(0.010)
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	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)
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(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000080)	ND(0.000065)
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000080)	ND(0.000065)
Aroclor-1254	ND(0.000065) [ND(0.000065)]	0.000033 J	0.00010
Aroclor-1260	ND(0.000065) [0.000022 J]	ND(0.000080)	0.000050 J
Total PCBs	ND(0.000065) [0.000022 J]	0.000033 J	0.00015
PCBs-Filtered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000080)	ND(0.000065)
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000080)	ND(0.000065)
Aroclor-1254	ND(0.000065) [ND(0.000065)]	0.00016	0.000082
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000080)	ND(0.000065)
Total PCBs	ND(0.000065) [ND(0.000065)]	0.00016	0.000082
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)
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.0060) J
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
Organophosphate Pesticides			
None Detected	--	--	NA
Herbicides			
None Detected	--	--	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000015) [ND(0.0000000016)]	ND(0.0000000014)	ND(0.0000000034)
TCDFs (total)	ND(0.0000000015) [0.0000000015]	ND(0.0000000014)	ND(0.0000000034)
1,2,3,7,8-PeCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000043)
2,3,4,7,8-PeCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000042)
PeCDFs (total)	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	0.0000000045
1,2,3,4,7,8-HxCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000012)	ND(0.0000000071)
1,2,3,6,7,8-HxCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000063)
1,2,3,7,8,9-HxCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000084)
2,3,4,6,7,8-HxCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000070)
HxCDFs (total)	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000012)	ND(0.0000000071)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000050)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000067)
HpCDFs (total)	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000057)
OCDF	ND(0.0000000029) [ND(0.0000000049)]	ND(0.0000000051)	ND(0.000000014)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 04/22/02	OPCA-MW-2 10/03/02	OPCA-MW-2 04/24/03
Dioxins			
2,3,7,8-TCDD	ND(0.0000000026) [ND(0.0000000026)]	ND(0.0000000014)	ND(0.0000000026)
TCDDs (total)	ND(0.0000000026) [ND(0.0000000026)]	ND(0.0000000017)	ND(0.0000000031)
1,2,3,7,8-PeCDD	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000050)
PeCDDs (total)	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000050)
1,2,3,4,7,8-HxCDD	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000078)
1,2,3,6,7,8-HxCDD	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000070)
1,2,3,7,8,9-HxCDD	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000025)	ND(0.0000000077)
HxCDDs (total)	ND(0.0000000025) [ND(0.0000000025)]	ND(0.0000000033)	ND(0.0000000075)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000030) X [0.0000000032 J]	ND(0.0000000026) X	ND(0.0000000066)
HpCDDs (total)	ND(0.0000000022) [0.0000000050]	0.0000000013	ND(0.0000000066)
OCDD	ND(0.000000014) [ND(0.000000011)]	ND(0.000000013)	ND(0.000000014)
Total TEQs (WHO TEFs)	0.0000000042 [0.0000000043]	0.0000000036	0.0000000078
Inorganics-Unfiltered			
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)	0.0120 B
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	ND(0.200) [ND(0.200)]	0.0190 B	0.0200 B
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.00500) J	ND(0.00500)
Chromium	ND(0.0100) [ND(0.0100)]	ND(0.0100)	0.00320 B
Cobalt	ND(0.0500) [ND(0.0500)]	ND(0.0500)	0.00250 B
Copper	ND(0.0250) [ND(0.0250)]	ND(0.0250)	0.00280 B
Cyanide	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200) [ND(0.000200)]	0.000400 J	ND(0.000200) J
Nickel	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)	0.00180 B
Sulfide	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) [ND(0.0100)]	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500) [ND(0.0500)]	ND(0.0500)	0.00300 B
Zinc	ND(0.0200) [ND(0.0200)]	ND(0.0200)	0.0110 J
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)	0.00700 B
Arsenic	ND(0.100) [ND(0.100)]	ND(0.0100)	ND(0.0100)
Barium	ND(0.200) [ND(0.200)]	0.0200 B	0.0190 B
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.0100) [ND(0.0100)]	ND(0.00500) J	ND(0.00500)
Chromium	ND(0.0250) [ND(0.0250)]	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	ND(0.100) [ND(0.100)]	ND(0.0250)	ND(0.0250)
Cyanide	NA	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200) [ND(0.000200)]	0.000210 J	ND(0.000200) J
Nickel	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) [ND(0.0100)]	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500) [ND(0.0500)]	0.00120 B	ND(0.0500)
Zinc	0.0110 B [ND(0.0200)]	ND(0.0200)	ND(0.0200) J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 11/12/03	OPCA-MW-2 04/27/04	OPCA-MW-2 10/05/04	OPCA-MW-2 04/05/05
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J	ND(0.010) J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) J	ND(0.0050)	ND(0.0050)	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)
Toluene	ND(0.0050)	0.0013 J	ND(0.0050)	0.0025 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	0.0013 J	ND(0.20)	0.0025 J
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	NA	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA	NA
Aroclor-1254	0.00011	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA
Total PCBs	0.00011	NA	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000043 J	0.000020 J	0.000062 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000043 J	0.000020 J	0.000062 J
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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) J
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(0.0000000018)	ND(0.0000000016)	ND(0.0000000028)	ND(0.0000000019)
TCDFs (total)	ND(0.0000000018)	ND(0.0000000016)	ND(0.0000000028)	ND(0.0000000019)
1,2,3,7,8-PeCDF	0.0000000022 J	ND(0.0000000024)	ND(0.0000000050)	ND(0.0000000046)
2,3,4,7,8-PeCDF	ND(0.0000000014) X	ND(0.0000000024)	ND(0.0000000048)	ND(0.0000000047)
PeCDFs (total)	ND(0.0000000022)	ND(0.0000000024)	ND(0.0000000050)	ND(0.0000000047)
1,2,3,4,7,8-HxCDF	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000041)	ND(0.0000000045)
1,2,3,6,7,8-HxCDF	ND(0.0000000021)	ND(0.0000000024)	ND(0.0000000039)	ND(0.0000000037)
1,2,3,7,8,9-HxCDF	0.0000000018 J	ND(0.0000000027)	ND(0.0000000049)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	0.0000000017 J	ND(0.0000000024)	ND(0.0000000043)	ND(0.0000000044)
HxCDFs (total)	ND(0.0000000072)	ND(0.0000000024)	ND(0.0000000049)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024) X	ND(0.0000000025)	ND(0.0000000028)	ND(0.0000000044)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000032)	ND(0.0000000034)	ND(0.0000000056)
HpCDFs (total)	ND(0.0000000025)	ND(0.0000000028)	ND(0.0000000034)	ND(0.0000000056)
OCDF	ND(0.0000000061) X	ND(0.0000000095)	ND(0.0000000077)	ND(0.0000000085)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 11/12/03	OPCA-MW-2 04/27/04	OPCA-MW-2 10/05/04	OPCA-MW-2 04/05/05
Dioxins				
2,3,7,8-TCDD	ND(0.0000000026)	ND(0.0000000023)	ND(0.0000000033)	ND(0.0000000030)
TCDDs (total)	ND(0.0000000026)	ND(0.0000000023)	ND(0.0000000033)	ND(0.0000000030)
1,2,3,7,8-PeCDD	ND(0.0000000023)	ND(0.0000000024)	ND(0.0000000072)	ND(0.0000000063)
PeCDDs (total)	ND(0.0000000018)	ND(0.0000000028)	ND(0.0000000072)	ND(0.0000000063)
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000054)	ND(0.0000000049)	ND(0.0000000065)
1,2,3,6,7,8-HxCDD	ND(0.0000000039)	ND(0.0000000048)	ND(0.0000000044)	ND(0.0000000050)
1,2,3,7,8,9-HxCDD	ND(0.0000000040)	ND(0.0000000052)	ND(0.0000000045)	ND(0.0000000054)
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000051)	ND(0.0000000049)	ND(0.0000000065)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026) X	ND(0.0000000043)	ND(0.0000000048)	ND(0.0000000081)
HpCDDs (total)	ND(0.0000000037)	ND(0.0000000043)	ND(0.0000000048)	ND(0.0000000081)
OCDD	0.0000000086 J	ND(0.000000016)	ND(0.0000000056)	ND(0.000000012)
Total TEQs (WHO TEFs)	0.0000000042	0.0000000044	0.0000000083	0.0000000078
Inorganics-Unfiltered				
Antimony	ND(0.0600)	NA	NA	NA
Arsenic	ND(0.0100)	NA	NA	NA
Barium	0.0200 B	NA	NA	NA
Beryllium	ND(0.00100)	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA
Chromium	ND(0.0100)	NA	NA	NA
Cobalt	ND(0.0500)	NA	NA	NA
Copper	ND(0.0250)	NA	NA	NA
Cyanide	ND(0.0100)	NA	NA	NA
Lead	ND(0.00300)	NA	NA	NA
Mercury	ND(0.000200)	NA	NA	NA
Nickel	ND(0.0400)	NA	NA	NA
Selenium	ND(0.00500)	NA	NA	NA
Silver	ND(0.00500)	NA	NA	NA
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.0)
Thallium	ND(0.0100)	NA	NA	NA
Vanadium	ND(0.0500)	NA	NA	NA
Zinc	ND(0.020)	NA	NA	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	0.00710 B	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0210 B	0.0190 B	0.0180 B	0.0150 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.025)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	0.00200 B	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500) J	0.00880	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.020)	ND(0.020)	ND(0.020)	0.0210

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 10/12/05	OPCA-MW-3 06/16/99	OPCA-MW-3 05/02/01
Volatile Organics			
Acetone	ND(0.010) [ND(0.010)]	ND(0.10)	ND(0.010)
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	ND(0.010)	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) [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)
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(0.0020) [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	NA	ND(0.000051)	ND(0.000065)
Aroclor-1248	NA	ND(0.000051)	ND(0.000065)
Aroclor-1254	NA	0.000040 J	ND(0.000065)
Aroclor-1260	NA	ND(0.000051)	ND(0.000065)
Total PCBs	NA	0.000040 J	ND(0.000065)
PCBs-Filtered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1248	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1254	0.00012 J [0.00019 J]	NA	ND(0.000065)
Aroclor-1260	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Total PCBs	0.00012 J [0.00019 J]	NA	ND(0.000065)
Semivolatile Organics			
1,2,4-Trichlorobenzene	0.0016 J [ND(0.010) J]	ND(0.011)	ND(0.010)
2,4-Dimethylphenol	ND(0.010) [ND(0.010)]	ND(0.011)	ND(0.010)
Acenaphthene	ND(0.010) [ND(0.010) J]	ND(0.011)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060) J]	ND(0.011)	ND(0.0060)
Dibenzofuran	ND(0.010) [ND(0.010) J]	ND(0.011)	ND(0.010)
Naphthalene	ND(0.010) [ND(0.010) J]	ND(0.011)	ND(0.010)
Phenol	ND(0.010) [ND(0.010)]	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	0.0000000031 J [0.0000000032 J]	ND(0.0000000035)	ND(0.0000000011)
TCDFs (total)	0.0000000031 J [0.0000000032 J]	ND(0.0000000035)	ND(0.0000000011)
1,2,3,7,8-PeCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000041)	ND(0.0000000016)
2,3,4,7,8-PeCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000039)	ND(0.0000000016)
PeCDFs (total)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000041)	ND(0.0000000016)
1,2,3,4,7,8-HxCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000013)	ND(0.0000000010)
1,2,3,6,7,8-HxCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000013)	ND(0.0000000010)
1,2,3,7,8,9-HxCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000018)	ND(0.0000000013)
2,3,4,6,7,8-HxCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000013)	ND(0.0000000011)
HxCDFs (total)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000018)	ND(0.0000000011)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000080)	ND(0.0000000014)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000099)	ND(0.0000000017)
HpCDFs (total)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000099)	ND(0.0000000015)
OCDF	ND(0.000000010) [ND(0.000000010)]	ND(0.0000000041)	ND(0.0000000031)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 10/12/05	OPCA-MW-3 06/16/99	OPCA-MW-3 05/02/01
Dioxins			
2,3,7,8-TCDD	ND(0.0000000020) [ND(0.0000000026)]	ND(0.0000000020)	ND(0.0000000016)
TCDDs (total)	ND(0.0000000032) [ND(0.0000000026)]	ND(0.0000000020)	ND(0.0000000016)
1,2,3,7,8-PeCDD	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000089)	ND(0.0000000018)
PeCDDs (total)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000089)	ND(0.0000000018)
1,2,3,4,7,8-HxCDD	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000058)	ND(0.0000000016)
1,2,3,6,7,8-HxCDD	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000072)	ND(0.0000000017)
1,2,3,7,8,9-HxCDD	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000064)	ND(0.0000000016)
HxCDDs (total)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000072)	ND(0.0000000016)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000077)	ND(0.0000000025)
HpCDDs (total)	ND(0.0000000050) [ND(0.0000000050)]	ND(0.0000000077)	ND(0.0000000025)
OCDD	ND(0.000000029) [ND(0.000000026)]	ND(0.0000000048)	ND(0.000000010)
Total TEQs (WHO TEFs)	0.0000000070 [0.0000000073]	0.0000000081	0.0000000027
Inorganics-Unfiltered			
Antimony	NA	ND(0.0600)	ND(0.0600)
Arsenic	NA	ND(0.00600)	0.00420 B
Barium	NA	0.00950	0.0760 B
Beryllium	NA	ND(0.00600)	ND(0.00100)
Cadmium	NA	ND(0.00600) J	ND(0.00500)
Chromium	NA	ND(0.0130)	ND(0.025) J
Cobalt	NA	ND(0.0600)	ND(0.0500)
Copper	NA	ND(0.0330)	0.00610 B
Cyanide	NA	ND(0.0200)	ND(0.0100)
Lead	NA	ND(0.130) J	ND(0.0050) J
Mercury	NA	ND(0.000500)	ND(0.000200)
Nickel	NA	ND(0.0600)	ND(0.0400)
Selenium	NA	ND(0.00600)	0.00540
Silver	NA	ND(0.0130)	ND(0.00500)
Sulfide	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	NA	ND(0.0130)	ND(0.010) J
Vanadium	NA	ND(0.0600)	ND(0.0500)
Zinc	NA	0.0880	0.035 J
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	NA	ND(0.0600)
Arsenic	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Barium	0.0230 B [0.0210 B]	NA	0.0700 B
Beryllium	ND(0.00100) [ND(0.00100)]	NA	ND(0.00100)
Cadmium	0.00120 B [ND(0.00500)]	NA	ND(0.00500)
Chromium	ND(0.01) [ND(0.0100)]	NA	ND(0.025) J
Cobalt	0.00100 B [ND(0.0500)]	NA	ND(0.0500)
Copper	0.00160 B [ND(0.0250)]	NA	0.00660 B
Cyanide	ND(0.0100) [ND(0.0100)]	NA	NA
Lead	ND(0.00300) [ND(0.00300)]	NA	ND(0.0050) J
Mercury	ND(0.000200) [ND(0.000200)]	NA	ND(0.000200)
Nickel	0.00230 B [ND(0.0400)]	NA	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Silver	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Thallium	ND(0.0100) [ND(0.0100)]	NA	ND(0.010) J
Vanadium	ND(0.0500) [ND(0.0500)]	NA	ND(0.0500)
Zinc	ND(0.02) [ND(0.02)]	NA	0.017 J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 11/02/01	OPCA-MW-3 04/24/02
Volatile Organics		
Acetone	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)
PCBs-Unfiltered		
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(0.000065)
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs	ND(0.000065) [ND(0.000065)]	ND(0.000065)
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(0.000065)
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs	ND(0.000065) [ND(0.000065)]	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)
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060)]	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	--
Organophosphate Pesticides		
None Detected	NA	--
Herbicides		
None Detected	NA	--
Furans		
2,3,7,8-TCDF	ND(0.00000000000080) [0.0000000000018 J]	ND(0.0000000014)
TCDFs (total)	ND(0.00000000000080) [0.0000000000065]	ND(0.0000000014)
1,2,3,7,8-PeCDF	ND(0.0000000000017) X [0.0000000000041 J]	ND(0.0000000024)
2,3,4,7,8-PeCDF	ND(0.0000000000018) X [ND(0.0000000000035) X]	ND(0.0000000024)
PeCDFs (total)	ND(0.00000000000080) [0.0000000000085]	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.0000000000015) X [0.0000000000032 J]	ND(0.0000000024)
1,2,3,6,7,8-HxCDF	ND(0.0000000000015) X [ND(0.0000000000032)]	ND(0.0000000024)
1,2,3,7,8,9-HxCDF	ND(0.0000000000013) X [ND(0.0000000000032) X]	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	ND(0.0000000000012) X [0.0000000000023 J]	ND(0.0000000024)
HxCDFs (total)	ND(0.0000000000012) [ND(0.0000000000086)]	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000000027) X [ND(0.0000000000038) X]	ND(0.0000000024)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000000022) [ND(0.0000000000026)]	ND(0.0000000024)
HpCDFs (total)	ND(0.0000000000020) [ND(0.0000000000023)]	ND(0.0000000024)
OCDF	ND(0.0000000000052) [ND(0.0000000000067)]	ND(0.0000000049)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 11/02/01	OPCA-MW-3 04/24/02
Dioxins		
2,3,7,8-TCDD	ND(0.00000000000070) [ND(0.0000000000027) X]	ND(0.0000000026)
TCDDs (total)	ND(0.0000000000023) [ND(0.0000000000022)]	ND(0.0000000026)
1,2,3,7,8-PeCDD	0.0000000000019 J [0.0000000000041 J]	ND(0.0000000024)
PeCDDs (total)	0.0000000000019 [0.0000000000041]	ND(0.0000000024)
1,2,3,4,7,8-HxCDD	ND(0.0000000000018) [0.0000000000023 J]	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000000016) [0.0000000000031 J]	ND(0.0000000024)
1,2,3,7,8,9-HxCDD	ND(0.0000000000017) [ND(0.0000000000023) X]	ND(0.0000000024)
HxCDDs (total)	ND(0.0000000000048) [0.0000000000055]	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000000032) [ND(0.0000000000053)]	ND(0.0000000024)
HpCDDs (total)	ND(0.0000000000050) [ND(0.0000000000053)]	ND(0.0000000024)
OCDD	ND(0.0000000000019) X [ND(0.0000000000024)]	ND(0.0000000059)
Total TEQs (WHO TEFs)	0.0000000000034 [0.0000000000083]	0.0000000041
Inorganics-Unfiltered		
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	0.110 B [0.100 B]	ND(0.200)
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium	0.00410 B [0.00330 B]	ND(0.0100)
Cobalt	0.00360 B [0.00290 B]	ND(0.0500)
Copper	ND(0.025) [ND(0.025)]	ND(0.0250)
Cyanide	0.00220 B [ND(0.0100)]	0.00270 B
Lead	ND(0.00500) J [ND(0.00500) J]	ND(0.00300)
Mercury	ND(0.000200) [ND(0.000200)]	ND(0.000200) J
Nickel	0.00520 B [ND(0.0400)]	0.00490 B
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500) J
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Sulfide	ND(5.00) [ND(5.00)]	ND(5.00)
Thallium	ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J
Vanadium	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	ND(0.025) [ND(0.020)]	ND(0.0200) J
Inorganics-Filtered		
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.100)
Barium	0.100 B [0.100 B]	ND(0.200)
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.0100)
Chromium	0.00300 B [ND(0.0100)]	ND(0.0250)
Cobalt	0.00320 B [0.00260 B]	ND(0.0500)
Copper	0.00570 B [0.00590 B]	ND(0.100)
Cyanide	NA	NA
Lead	ND(0.00500) J [ND(0.00500) J]	ND(0.00300)
Mercury	ND(0.000200) [ND(0.000200)]	ND(0.000200) J
Nickel	0.00420 B [0.00420 B]	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500) J
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Thallium	0.011 J [ND(0.0100) J]	ND(0.0100) J
Vanadium	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	0.00770 B [ND(0.0200)]	ND(0.0200) J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 10/02/02	OPCA-MW-3 04/23/03
Volatile Organics		
Acetone	ND(0.010)	0.015 [ND(0.010)]
Carbon Disulfide	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	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)]
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)	0.015 [ND(0.20)]
PCBs-Unfiltered		
Aroclor-1221	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1248	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1254	0.000037 J	0.000050 J [0.000041 J]
Aroclor-1260	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	0.000037 J	0.000050 J [0.000041 J]
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	0.000033 J	0.000049 J [ND(0.000065)]
Aroclor-1260	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	0.000033 J	0.000049 J [ND(0.000065)]
Semivolatile Organics		
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.020) [ND(0.010)]
2,4-Dimethylphenol	ND(0.010)	ND(0.020) [ND(0.010)]
Acenaphthene	ND(0.010)	ND(0.020) [ND(0.010)]
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.010) [ND(0.0060)]
Dibenzofuran	ND(0.010)	ND(0.020) [ND(0.010)]
Naphthalene	ND(0.010)	ND(0.020) [ND(0.010)]
Phenol	ND(0.010)	0.011 J [ND(0.010)]
Organochlorine Pesticides		
None Detected	--	NA
Organophosphate Pesticides		
None Detected	--	NA
Herbicides		
None Detected	--	NA
Furans		
2,3,7,8-TCDF	ND(0.0000000010)	ND(0.00000000098) [ND(0.0000000031)]
TCDFs (total)	ND(0.0000000010)	ND(0.00000000098) [ND(0.0000000031)]
1,2,3,7,8-PeCDF	ND(0.0000000025)	0.00000000068 J [ND(0.0000000025)]
2,3,4,7,8-PeCDF	ND(0.0000000025)	0.00000000086 J [ND(0.0000000025)]
PeCDFs (total)	ND(0.0000000025)	0.0000000015 [ND(0.0000000025)]
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000025)]
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	0.00000000053 J [ND(0.0000000025)]
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000027)]
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000025)]
HxCDFs (total)	ND(0.0000000025)	0.00000000053 [ND(0.0000000025)]
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000033)]
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000045)]
HpCDFs (total)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000038)]
OCDF	ND(0.0000000050)	ND(0.0000000049) [ND(0.000000010)]

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 10/02/02	OPCA-MW-3 04/23/03
Dioxins		
2,3,7,8-TCDD	ND(0.0000000010)	ND(0.00000000098) [ND(0.0000000028)]
TCDDs (total)	ND(0.0000000022)	ND(0.0000000039) [ND(0.0000000028)]
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000037)]
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000045) [ND(0.0000000037)]
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000045)]
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000040)]
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000016) X [ND(0.0000000045)]
HxCDDs (total)	ND(0.0000000048)	ND(0.0000000024) [ND(0.0000000043)]
1,2,3,4,6,7,8-HpCDD	ND(0.0000000032) X	ND(0.0000000015) X [ND(0.0000000060)]
HpCDDs (total)	ND(0.0000000036)	ND(0.0000000024) [ND(0.0000000060)]
OCDD	ND(0.000000014)	0.0000000054 J [ND(0.000000012)]
Total TEQs (WHO TEFs)	0.0000000034	0.0000000030 [0.0000000053]
Inorganics-Unfiltered		
Antimony	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	0.110 B	0.0580 B [0.0560 B]
Beryllium	ND(0.00100)	ND(0.00100) [ND(0.00100)]
Cadmium	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Chromium	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Cobalt	0.00210 B	ND(0.0500) [ND(0.0500)]
Copper	0.00610 B	0.00750 J [0.00710 J]
Cyanide	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	ND(0.00300)	ND(0.00300) J [ND(0.00300) J]
Mercury	ND(0.000200) J	ND(0.000200) [ND(0.000200)]
Nickel	0.00430 B	ND(0.0400) [ND(0.0400)]
Selenium	ND(0.00500) J	ND(0.00500) J [ND(0.00500) J]
Silver	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Sulfide	ND(5.00)	ND(5.00) [6.40]
Thallium	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Vanadium	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	0.0110 B	0.0310 J [0.0210 J]
Inorganics-Filtered		
Antimony	ND(0.0600)	0.00740 J [ND(0.0600) J]
Arsenic	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	0.120 B	0.0500 B [0.0520 B]
Beryllium	ND(0.00100)	ND(0.00100) J [ND(0.00100) J]
Cadmium	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Chromium	ND(0.0100)	0.00150 J [0.00160 J]
Cobalt	0.00210 B	0.00130 J [0.00160 J]
Copper	0.00420 B	0.00320 B [0.00240 B]
Cyanide	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	ND(0.00300)	ND(0.00300) J [ND(0.00300) J]
Mercury	ND(0.000200) J	ND(0.000200) [ND(0.000200)]
Nickel	0.00310 B	ND(0.0400) [ND(0.0400)]
Selenium	ND(0.00500) J	ND(0.00500) J [ND(0.00500) J]
Silver	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Thallium	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Vanadium	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	ND(0.0200)	ND(0.0200) J [ND(0.0200) J]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 11/04/03	OPCA-MW-3 04/29/04	OPCA-MW-3 10/06/04
Volatile Organics			
Acetone	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	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)
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(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	NA	NA
Aroclor-1248	ND(0.000065) [ND(0.000065)]	NA	NA
Aroclor-1254	0.000084 [0.000073]	NA	NA
Aroclor-1260	ND(0.000065) [ND(0.000065)]	NA	NA
Total PCBs	0.000084 [0.000073]	NA	NA
PCBs-Filtered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000067 [0.000062 J]	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs	0.000067 [0.000062 J]	ND(0.000065)	ND(0.000065)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.010) [ND(0.013)]	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.010) [ND(0.013)]	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.010) [ND(0.013)]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0067)]	0.0095 J	ND(0.0060)
Dibenzofuran	ND(0.010) [ND(0.013)]	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010) [ND(0.013)]	ND(0.010)	ND(0.010)
Phenol	ND(0.010) [ND(0.013)]	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	ND(0.0000000023) [ND(0.0000000029)]	ND(0.00000000032)	ND(0.0000000030)
TCDFs (total)	ND(0.0000000023) [ND(0.0000000029)]	ND(0.00000000032)	ND(0.0000000030)
1,2,3,7,8-PeCDF	0.0000000029 J [ND(0.0000000025)]	ND(0.00000000039)	ND(0.0000000052)
2,3,4,7,8-PeCDF	0.0000000019 J [ND(0.0000000025)]	ND(0.00000000039)	ND(0.0000000050)
PeCDFs (total)	0.0000000047 [ND(0.0000000025)]	ND(0.00000000039)	ND(0.0000000052)
1,2,3,4,7,8-HxCDF	ND(0.0000000020) X [ND(0.0000000027)]	ND(0.00000000024)	ND(0.0000000044)
1,2,3,6,7,8-HxCDF	0.0000000024 J [ND(0.0000000026)]	ND(0.00000000023)	ND(0.0000000042)
1,2,3,7,8,9-HxCDF	ND(0.0000000015) X [ND(0.0000000032)]	ND(0.00000000025)	ND(0.0000000052)
2,3,4,6,7,8-HxCDF	ND(0.0000000011) X [ND(0.0000000027)]	ND(0.00000000022)	ND(0.0000000046)
HxCDFs (total)	0.0000000024 [ND(0.0000000028)]	ND(0.00000000025)	ND(0.0000000052)
1,2,3,4,6,7,8-HpCDF	0.0000000030 J [ND(0.0000000025)]	ND(0.00000000026)	ND(0.0000000034)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000034) [ND(0.0000000029)]	ND(0.00000000032)	ND(0.0000000041)
HpCDFs (total)	0.0000000030 [ND(0.0000000025)]	ND(0.00000000032)	ND(0.0000000041)
OCDF	ND(0.0000000072) [ND(0.0000000085)]	ND(0.00000000094)	ND(0.0000000081)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 11/04/03	OPCA-MW-3 04/29/04	OPCA-MW-3 10/06/04
Dioxins			
2,3,7,8-TCDD	ND(0.0000000037) [ND(0.0000000066)]	ND(0.00000000026)	ND(0.0000000036)
TCDDs (total)	ND(0.0000000037) [ND(0.0000000066)]	ND(0.00000000026)	ND(0.0000000036)
1,2,3,7,8-PeCDD	0.0000000027 J [ND(0.0000000027)]	ND(0.0000000011)	ND(0.0000000071)
PeCDDs (total)	0.0000000027 [ND(0.0000000033)]	ND(0.0000000011)	ND(0.0000000071)
1,2,3,4,7,8-HxCDD	ND(0.0000000045) [ND(0.0000000054)]	ND(0.00000000070)	ND(0.0000000056)
1,2,3,6,7,8-HxCDD	ND(0.0000000044) [ND(0.0000000052)]	ND(0.00000000073)	ND(0.0000000050)
1,2,3,7,8,9-HxCDD	ND(0.0000000045) [ND(0.0000000054)]	ND(0.00000000079)	ND(0.0000000051)
HxCDDs (total)	ND(0.0000000044) [ND(0.0000000054)]	ND(0.00000000079)	ND(0.0000000056)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000045) [ND(0.0000000038)]	ND(0.00000000069)	ND(0.0000000060)
HpCDDs (total)	ND(0.0000000045) [ND(0.0000000038)]	ND(0.00000000069)	ND(0.0000000060)
OCDD	0.0000000077 J [ND(0.000000040)]	ND(0.00000000077)	ND(0.0000000062)
Total TEQs (WHO TEFs)	0.0000000070 [0.0000000069]	0.00000000097	0.0000000087
Inorganics-Unfiltered			
Antimony	ND(0.0600) [ND(0.0600)]	NA	NA
Arsenic	ND(0.0100) [ND(0.0100)]	NA	NA
Barium	0.0360 B [0.0400 B]	NA	NA
Beryllium	ND(0.00100) [ND(0.00100)]	NA	NA
Cadmium	ND(0.00500) [ND(0.00500)]	NA	NA
Chromium	0.00130 B [ND(0.0100)]	NA	NA
Cobalt	0.00270 B [0.00260 B]	NA	NA
Copper	0.00280 B [0.00310 B]	NA	NA
Cyanide	ND(0.0100) [ND(0.0100)]	NA	NA
Lead	ND(0.00300) [ND(0.00300)]	NA	NA
Mercury	ND(0.000200) [ND(0.000200)]	NA	NA
Nickel	0.00300 B [0.00210 B]	NA	NA
Selenium	ND(0.00500) [ND(0.00500)]	NA	NA
Silver	ND(0.00500) [ND(0.00500)]	NA	NA
Sulfide	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) [ND(0.0100)]	NA	NA
Vanadium	ND(0.0500) [ND(0.0500)]	NA	NA
Zinc	ND(0.020) [ND(0.020)]	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	0.0100 B	0.00950 B
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	0.0380 B [0.0400 B]	0.0590 B	0.0600 B
Beryllium	ND(0.00100) [0.000320 B]	0.000300 B	ND(0.00100)
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100) [ND(0.0100)]	0.0750	0.00110 B
Cobalt	0.00190 B [0.00120 B]	ND(0.0500)	ND(0.0500)
Copper	0.00290 B [0.00310 B]	0.0190 B	0.00390 B
Cyanide	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300) [ND(0.00300)]	0.00220 B	ND(0.00300)
Mercury	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400) [ND(0.0400)]	0.00600 B	0.00410 B
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	0.00770
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 04/05/05	OPCA-MW-3 10/12/05	OPCA-MW-4 06/15/99	OPCA-MW-4 05/02/01
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)
Carbon Disulfide	ND(0.0050)	0.00055 J	ND(0.010)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.010)	ND(0.0020)
Total VOCs	ND(0.20)	0.00055 J	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(0.000065)	R	NA	ND(0.000065)
Aroclor-1248	ND(0.000065)	R	NA	ND(0.000065)
Aroclor-1254	0.000052 J	0.000047 J	NA	0.00015
Aroclor-1260	ND(0.000065)	R	NA	ND(0.000065)
Total PCBs	0.000052 J	0.000047 J	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)	R	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	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)	R	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)	0.0000000024 J	ND(0.00000000070)	ND(0.0000000012)
TCDFs (total)	ND(0.0000000011)	0.0000000024 J	ND(0.00000000070)	0.000000016
1,2,3,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000049)	ND(0.0000000043)	ND(0.0000000083)
2,3,4,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000049)	ND(0.0000000040)	ND(0.000000011)
PeCDFs (total)	ND(0.0000000022)	ND(0.0000000049)	ND(0.0000000043)	ND(0.000000063)
1,2,3,4,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000049)	ND(0.0000000090)	ND(0.0000000053)
1,2,3,6,7,8-HxCDF	ND(0.0000000015)	ND(0.0000000049)	ND(0.0000000092)	ND(0.0000000045)
1,2,3,7,8,9-HxCDF	ND(0.0000000020)	ND(0.0000000049)	ND(0.0000000087)	ND(0.0000000056)
2,3,4,6,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000049)	ND(0.0000000095)	ND(0.0000000032)
HxCDFs (total)	ND(0.0000000020)	ND(0.0000000049)	ND(0.0000000095)	ND(0.000000019)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000017)	ND(0.0000000049)	ND(0.000000020)	ND(0.0000000046)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000022)	ND(0.0000000049)	ND(0.000000020)	ND(0.0000000037)
HpCDFs (total)	ND(0.0000000022)	ND(0.0000000049)	ND(0.000000020)	ND(0.0000000084)
OCDF	ND(0.0000000038)	ND(0.0000000098)	ND(0.000000020)	ND(0.0000000090)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-3 04/05/05	OPCA-MW-3 10/12/05	OPCA-MW-4 06/15/99	OPCA-MW-4 05/02/01
Dioxins				
2,3,7,8-TCDD	ND(0.0000000019)	ND(0.0000000024)	ND(0.0000000013)	ND(0.0000000047)
TCDDs (total)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000013)	ND(0.0000000047)
1,2,3,7,8-PeCDD	ND(0.0000000033)	ND(0.0000000049)	ND(0.000000018)	ND(0.0000000065)
PeCDDs (total)	ND(0.0000000033)	ND(0.0000000049)	ND(0.000000018)	ND(0.0000000065)
1,2,3,4,7,8-HxCDD	ND(0.0000000034)	ND(0.0000000049)	ND(0.000000013)	ND(0.0000000043)
1,2,3,6,7,8-HxCDD	ND(0.0000000026)	ND(0.0000000049)	ND(0.000000016)	ND(0.0000000016)
1,2,3,7,8,9-HxCDD	ND(0.0000000029)	ND(0.0000000049)	ND(0.000000014)	ND(0.0000000052)
HxCDDs (total)	ND(0.0000000034)	ND(0.0000000049)	ND(0.000000016)	ND(0.0000000094)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000035)	ND(0.0000000049)	ND(0.000000027)	ND(0.0000000064)
HpCDDs (total)	ND(0.0000000035)	ND(0.0000000049)	ND(0.000000027)	ND(0.0000000064)
OCDD	ND(0.0000000043)	ND(0.0000000022)	ND(0.0000000030)	ND(0.0000000029)
Total TEQs (WHO TEFs)	0.0000000041	0.0000000070	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(5.0)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	NA	NA	ND(0.0130)	ND(0.0100) J
Vanadium	NA	NA	ND(0.0600)	ND(0.0500)
Zinc	NA	NA	ND(0.0260)	0.0130 J
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	NA	0.00800 B
Arsenic	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	0.0580 B	0.0940 B	NA	0.0260 B
Beryllium	ND(0.00100)	ND(0.00100)	NA	ND(0.00100)
Cadmium	ND(0.00500)	0.000810 B	NA	ND(0.00500)
Chromium	ND(0.0100)	0.000630 B	NA	ND(0.0100) J
Cobalt	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Copper	ND(0.025)	0.00190 B	NA	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.01)	NA	NA
Lead	ND(0.00300)	ND(0.00300)	NA	ND(0.00500) J
Mercury	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)
Nickel	0.00170 B	ND(0.04)	NA	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500) J	NA	0.00650
Silver	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100) J	NA	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc	0.0320	ND(0.0200)	NA	0.0150 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-4 04/19/02	OPCA-MW-4 10/1-10/2/02	OPCA-MW-4 04/23/03
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J	ND(0.010)	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	0.0028
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	0.0028
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.00018	0.000055 J	0.00020	0.00079
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.00047
Total PCBs	0.00018	0.000055 J	0.00020	0.00126
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000045 J	0.000029 J	0.000074	0.00013
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.00013
Total PCBs	0.000045 J	0.000029 J	0.000074	0.00026
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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
Organophosphate Pesticides				
None Detected	NA	--	--	NA
Herbicides				
None Detected	NA	--	--	NA
Furans				
2,3,7,8-TCDF	0.000000000014	ND(0.0000000011)	ND(0.0000000019)	ND(0.0000000064)
TCDFs (total)	0.00000000037	0.0000000065	0.000000049	ND(0.0000000064)
1,2,3,7,8-PeCDF	0.000000000010 J	ND(0.0000000024)	ND(0.0000000024)	ND(0.0000000033)
2,3,4,7,8-PeCDF	ND(0.0000000000084) X	ND(0.0000000016) X	ND(0.0000000035)	0.0000000029 J
PeCDFs (total)	0.00000000030	0.000000039	0.00000022	0.000000011
1,2,3,4,7,8-HxCDF	0.000000000033	ND(0.0000000024)	ND(0.0000000014) X	ND(0.0000000028) X
1,2,3,6,7,8-HxCDF	ND(0.0000000000049)	ND(0.0000000024)	ND(0.00000000096) X	0.0000000019 J
1,2,3,7,8,9-HxCDF	ND(0.0000000000061)	ND(0.0000000024)	ND(0.0000000019) X	ND(0.0000000033)
2,3,4,6,7,8-HxCDF	ND(0.0000000000054)	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000022) X
HxCDFs (total)	0.00000000012	0.0000000038	0.0000000013	0.0000000051
1,2,3,4,6,7,8-HpCDF	0.000000000012 J	0.0000000012 J	ND(0.0000000012)	0.0000000033 J
1,2,3,4,7,8,9-HpCDF	0.0000000000034 J	ND(0.0000000024)	ND(0.0000000024)	ND(0.0000000021) X
HpCDFs (total)	0.000000000021	0.0000000012	ND(0.0000000012)	0.0000000033
OCDF	0.000000000015 J	ND(0.0000000049)	ND(0.0000000049)	ND(0.000000011)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-4 04/19/02	OPCA-MW-4 10/1-10/2/02	OPCA-MW-4 04/23/03
Dioxins				
2,3,7,8-TCDD	ND(0.0000000000015)	ND(0.0000000017)	ND(0.0000000026)	ND(0.0000000076)
TCDDs (total)	ND(0.0000000000024)	ND(0.0000000017)	ND(0.0000000031)	ND(0.0000000076)
1,2,3,7,8-PeCDD	ND(0.0000000000012)	ND(0.00000000097) X	ND(0.0000000024)	ND(0.0000000033)
PeCDDs (total)	ND(0.0000000000012)	ND(0.0000000024)	ND(0.0000000041)	ND(0.0000000033)
1,2,3,4,7,8-HxCDD	ND(0.0000000000052)	ND(0.0000000024)	ND(0.0000000039)	ND(0.0000000059)
1,2,3,6,7,8-HxCDD	ND(0.0000000000046)	ND(0.0000000024)	ND(0.0000000037)	ND(0.0000000052)
1,2,3,7,8,9-HxCDD	ND(0.0000000000047)	ND(0.0000000024)	ND(0.0000000036)	ND(0.0000000058)
HxCDDs (total)	ND(0.0000000000048)	ND(0.0000000026)	ND(0.0000000037)	ND(0.0000000056)
1,2,3,4,6,7,8-HpCDD	0.0000000000048 J	ND(0.0000000037)	ND(0.0000000026) X	0.0000000029 J
HpCDDs (total)	0.0000000000080	ND(0.0000000069)	ND(0.0000000025)	0.0000000029
OCDD	0.000000000028 J	ND(0.000000023)	ND(0.000000012)	0.000000015 J
Total TEQs (WHO TEFs)	0.000000000010	0.0000000027	0.0000000045	0.0000000088
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0280 B	ND(0.200)	0.0450 B	0.0800 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00500 B	0.00540 J
Cyanide	ND(0.0100)	0.00290 B	ND(0.0100)	ND(0.0100)
Lead	ND(0.00500)	ND(0.00300)	0.00230 B	ND(0.00300) J
Mercury	ND(0.000200)	ND(0.000200) J	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00200 B
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00110 B
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.010) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.020)	0.0270 J	0.0400	0.300 J
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	0.0110 J
Arsenic	ND(0.0100)	ND(0.100)	ND(0.0100)	ND(0.0100)
Barium	0.0300 B	ND(0.200)	0.0470 B	0.0740 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100) J
Cadmium	ND(0.00500)	ND(0.0100)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0250)	ND(0.0100)	ND(0.0100) J
Cobalt	ND(0.0500)	ND(0.0500)	0.0500 B	ND(0.0500) J
Copper	ND(0.0250)	ND(0.100)	0.00400 B	0.00130 B
Cyanide	NA	NA	ND(0.0100)	ND(0.0100)
Lead	ND(0.00500)	ND(0.00300)	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200)	ND(0.000200) J	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00230 B
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.010) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	0.00240 B
Zinc	0.0570	0.00720 J	ND(0.0240)	0.290 J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 11/11-12/23/03	OPCA-MW-4 04/28/04	OPCA-MW-4 10/04/04
Volatile Organics			
Acetone	ND(0.010) J	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Chlorobenzene	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)
Toluene	0.0015 J	ND(0.0050)	ND(0.0050)
Trichloroethene	0.0015 J	0.0020 J	0.0015 J
Vinyl Chloride	ND(0.0020)	0.0015 J	ND(0.0020)
Total VOCs	0.0030 J	0.0035 J	0.0015 J
PCBs-Unfiltered			
Aroclor-1221	ND(0.000065)	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA
Aroclor-1254	0.00053	NA	NA
Aroclor-1260	0.00011	NA	NA
Total PCBs	0.00064	NA	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	0.000045 J	ND(0.000065)	0.00017
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.000058 J
Total PCBs	0.000045 J	ND(0.000065)	0.000228
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	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	ND(0.0000000038)	ND(0.00000000074)	ND(0.0000000023)
TCDFs (total)	ND(0.0000000038)	0.00000016 I	ND(0.0000000023)
1,2,3,7,8-PeCDF	ND(0.0000000041) X	ND(0.00000000090)	ND(0.0000000011)
2,3,4,7,8-PeCDF	ND(0.0000000032) X	ND(0.00000000085)	ND(0.0000000010)
PeCDFs (total)	ND(0.000000016)	0.00000015 I	ND(0.0000000020)
1,2,3,4,7,8-HxCDF	0.0000000057 J	ND(0.000000017) X	ND(0.0000000014)
1,2,3,6,7,8-HxCDF	ND(0.0000000032) X	ND(0.00000000060)	ND(0.00000000071)
1,2,3,7,8,9-HxCDF	ND(0.0000000043)	ND(0.00000000061)	ND(0.00000000091)
2,3,4,6,7,8-HxCDF	0.0000000026 J	ND(0.00000000057)	ND(0.00000000082)
HxCDFs (total)	ND(0.000000013)	0.000000044 I	ND(0.0000000014)
1,2,3,4,6,7,8-HpCDF	0.0000000048 J	ND(0.00000000039)	ND(0.00000000074)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000057)	ND(0.00000000048)	ND(0.00000000069)
HpCDFs (total)	0.0000000048	ND(0.00000000048)	ND(0.00000000086)
OCDF	ND(0.0000000085)	ND(0.00000000088)	ND(0.0000000032)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 11/11-12/23/03	OPCA-MW-4 04/28/04	OPCA-MW-4 10/04/04
Dioxins			
2,3,7,8-TCDD	ND(0.0000000036)	ND(0.00000000032)	ND(0.00000000098)
TCDDs (total)	ND(0.0000000036)	ND(0.00000000032)	ND(0.0000000012)
1,2,3,7,8-PeCDD	0.0000000047 J	ND(0.0000000048)	ND(0.0000000020)
PeCDDs (total)	0.0000000047	ND(0.0000000048)	ND(0.0000000020)
1,2,3,4,7,8-HxCDD	ND(0.0000000083)	ND(0.0000000011)	ND(0.0000000011)
1,2,3,6,7,8-HxCDD	ND(0.0000000073)	ND(0.0000000011)	ND(0.00000000086)
1,2,3,7,8,9-HxCDD	ND(0.0000000080)	ND(0.0000000012)	ND(0.00000000089)
HxCDDs (total)	ND(0.0000000078)	ND(0.0000000012)	ND(0.0000000018)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000077)	ND(0.0000000010)	ND(0.0000000013)
HpCDDs (total)	ND(0.0000000077)	ND(0.0000000010)	ND(0.0000000013)
OCDD	0.000000015 J	ND(0.00000000085)	ND(0.0000000059)
Total TEQs (WHO TEFs)	0.000000010	0.0000000040	0.0000000022
Inorganics-Unfiltered			
Antimony	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	NA	NA
Barium	0.0580 B	NA	NA
Beryllium	ND(0.00500)	NA	NA
Cadmium	ND(0.00500)	NA	NA
Chromium	ND(0.010)	NA	NA
Cobalt	ND(0.0500)	NA	NA
Copper	ND(0.0250)	NA	NA
Cyanide	ND(0.0100)	NA	NA
Lead	ND(0.00300)	NA	NA
Mercury	ND(0.000200)	NA	NA
Nickel	0.00290 B	NA	NA
Selenium	ND(0.00500)	NA	NA
Silver	ND(0.00500)	NA	NA
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100)	NA	NA
Vanadium	ND(0.0500)	NA	NA
Zinc	0.0610 J	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600)	0.0120 B	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium	0.0640 B	0.140 B	0.0590 B
Beryllium	ND(0.00100)	0.000530 B	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.00150 B	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.00220 B	0.00200 B	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	0.00220 B	ND(0.0500)
Zinc	0.0680 J	0.110	0.180

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 04/05/05	OPCA-MW-4 10/11/05	OPCA-MW-5 06/15/99
Volatile Organics			
Acetone	ND(0.010) [0.0046 J]	ND(0.010)	ND(0.10)
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	ND(0.010)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)
Dibromomethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050) [0.00086 J]	ND(0.0050)	ND(0.0050)
Toluene	0.0050 [0.0088]	ND(0.0050)	ND(0.0050)
Trichloroethene	0.0013 J [0.0013 J]	0.0010 J	ND(0.0050)
Vinyl Chloride	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.010)
Total VOCs	0.0063 J [0.016 J]	0.0010 J	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	NA	NA	ND(0.000051)
Aroclor-1248	NA	NA	ND(0.000051)
Aroclor-1254	NA	NA	ND(0.000051)
Aroclor-1260	NA	NA	ND(0.000051)
Total PCBs	NA	NA	ND(0.000051)
PCBs-Filtered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000065)	NA
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000065)	NA
Aroclor-1254	0.00017 [0.000039 J]	0.00028	NA
Aroclor-1260	0.000049 J [ND(0.000065)]	ND(0.000065)	NA
Total PCBs	0.000219 [0.000039 J]	0.00028	NA
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)
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.010)
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	ND(0.0000000021) [ND(0.0000000013)]	0.0000000033 J	ND(0.00000000080)
TCDFs (total)	ND(0.0000000021) [ND(0.0000000020)]	0.0000000076 J	ND(0.00000000080)
1,2,3,7,8-PeCDF	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000050)	ND(0.0000000028)
2,3,4,7,8-PeCDF	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000050)	ND(0.0000000027)
PeCDFs (total)	ND(0.000000014) [ND(0.000000014)]	0.000000014 J	ND(0.0000000028)
1,2,3,4,7,8-HxCDF	ND(0.0000000035) [ND(0.0000000024)]	ND(0.0000000050)	ND(0.0000000050)
1,2,3,6,7,8-HxCDF	ND(0.0000000029) [ND(0.0000000020)]	ND(0.0000000050)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000050)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000050)	ND(0.0000000053)
HxCDFs (total)	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000050)	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024) [ND(0.0000000022)]	ND(0.0000000050)	ND(0.0000000088)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000050)	ND(0.0000000088)
HpCDFs (total)	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000050)	ND(0.0000000088)
OCDF	ND(0.0000000056) [ND(0.0000000031)]	ND(0.000000010)	ND(0.0000000078)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 04/05/05	OPCA-MW-4 10/11/05	OPCA-MW-5 06/15/99
Dioxins			
2,3,7,8-TCDD	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000021)	ND(0.0000000012)
TCDDs (total)	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000026)	ND(0.0000000012)
1,2,3,7,8-PeCDD	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000050)	ND(0.000000014)
PeCDDs (total)	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000050)	ND(0.000000014)
1,2,3,4,7,8-HxCDD	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000050)	ND(0.0000000062)
1,2,3,6,7,8-HxCDD	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000050)	ND(0.0000000077)
1,2,3,7,8,9-HxCDD	ND(0.0000000037) [ND(0.0000000025)]	ND(0.0000000050)	ND(0.0000000068)
HxCDDs (total)	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000050)	ND(0.0000000077)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000050)	ND(0.000000012)
HpCDDs (total)	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000050)	ND(0.000000012)
OCDD	ND(0.0000000056) [ND(0.0000000041)]	ND(0.0000000020)	ND(0.0000000012)
Total TEQs (WHO TEFs)	0.0000000069 [0.0000000040]	0.0000000071	0.000000011
Inorganics-Unfiltered			
Antimony	NA	NA	ND(0.0600)
Arsenic	NA	NA	ND(0.00600)
Barium	NA	NA	0.0290
Beryllium	NA	NA	ND(0.00600)
Cadmium	NA	NA	ND(0.00600)
Chromium	NA	NA	ND(0.0130)
Cobalt	NA	NA	ND(0.0600)
Copper	NA	NA	ND(0.0330)
Cyanide	NA	NA	ND(0.0200)
Lead	NA	NA	ND(0.130) J
Mercury	NA	NA	ND(0.000500)
Nickel	NA	NA	ND(0.0600)
Selenium	NA	NA	ND(0.00600) J
Silver	NA	NA	ND(0.0130)
Sulfide	ND(5.0) [ND(5.0)]	ND(5.00)	ND(5.00)
Thallium	NA	NA	ND(0.0130)
Vanadium	NA	NA	ND(0.0600)
Zinc	NA	NA	ND(0.0260)
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)	NA
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.0100)	NA
Barium	0.0680 B [0.0710 B]	0.0300 B	NA
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)	NA
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	NA
Chromium	ND(0.0100) [ND(0.010)]	0.000600 B	NA
Cobalt	ND(0.0500) [ND(0.0500)]	ND(0.0500)	NA
Copper	ND(0.025) [ND(0.025)]	0.00150 B	NA
Cyanide	0.00160 B [0.00180 B]	ND(0.0100)	NA
Lead	ND(0.00300) [ND(0.00300)]	ND(0.00300)	NA
Mercury	ND(0.000200) [ND(0.000200)]	ND(0.000200)	NA
Nickel	ND(0.0400) [ND(0.0400)]	ND(0.0400)	NA
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	NA
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)	NA
Thallium	ND(0.0100) [ND(0.0100)]	ND(0.0100)	NA
Vanadium	ND(0.0500) [ND(0.0500)]	ND(0.0500)	NA
Zinc	0.0770 [0.0820]	0.0720	NA

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 06/28/01	OPCA-MW-5R 10/31/01	OPCA-MW-5R 04/23/02	OPCA-MW-5R 10/02/02
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010) J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000033 J	0.00020	0.000033 J
Aroclor-1260	ND(0.000065)	0.000036 J	0.00013	ND(0.000065)
Total PCBs	ND(0.000065)	0.000069 J	0.00033	0.000033 J
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	ND(0.000065)	ND(0.000065)	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)
Acenaphthene	0.011	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) J	ND(0.0060)	ND(0.0060)	ND(0.0060)
Dibenzofuran	0.0038 J	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	0.062	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	--	--
Organophosphate Pesticides				
None Detected	NA	NA	--	--
Herbicides				
None Detected	NA	NA	--	--
Furans				
2,3,7,8-TCDF	ND(0.0000000000015)	ND(0.00000000060)	ND(0.0000000017)	0.000000010 J
TCDFs (total)	ND(0.0000000000015)	ND(0.00000000060)	ND(0.0000000017)	0.00000010
1,2,3,7,8-PeCDF	ND(0.00000000000080)	ND(0.0000000020) X	ND(0.0000000025)	0.0000000062 J
2,3,4,7,8-PeCDF	ND(0.00000000000080)	ND(0.0000000000018)	ND(0.0000000025)	0.000000018 J
PeCDFs (total)	ND(0.00000000000080)	ND(0.0000000000018)	ND(0.0000000025)	0.00000016
1,2,3,4,7,8-HxCDF	ND(0.0000000000020)	ND(0.0000000000018)	ND(0.0000000025)	0.000000018 J
1,2,3,6,7,8-HxCDF	ND(0.0000000000019)	ND(0.0000000000018)	ND(0.0000000025)	0.000000012 J
1,2,3,7,8,9-HxCDF	ND(0.0000000000024)	ND(0.0000000000020)	ND(0.0000000025)	0.0000000037 J
2,3,4,6,7,8-HxCDF	ND(0.0000000000022)	ND(0.00000000050)	ND(0.0000000025)	0.000000011 J
HxCDFs (total)	ND(0.0000000000021)	ND(0.0000000000056)	ND(0.0000000025)	0.00000014
1,2,3,4,6,7,8-HpCDF	ND(0.0000000000019)	ND(0.0000000018) X	ND(0.0000000025)	0.000000021 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000000023)	ND(0.00000000080)	ND(0.0000000025)	ND(0.0000000041) X
HpCDFs (total)	ND(0.0000000000021)	ND(0.00000000070)	ND(0.0000000025)	ND(0.000000035)
OCDF	ND(0.000000000010)	ND(0.00000000080)	ND(0.0000000050)	0.000000017 J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 06/28/01	OPCA-MW-5R 10/31/01	OPCA-MW-5R 04/23/02	OPCA-MW-5R 10/02/02
Dioxins				
2,3,7,8-TCDD	ND(0.0000000000031)	ND(0.00000000070)	ND(0.0000000024)	ND(0.0000000011)
TCDDs (total)	ND(0.0000000000031)	ND(0.0000000010)	ND(0.0000000024)	ND(0.0000000016)
1,2,3,7,8-PeCDD	ND(0.0000000000015)	ND(0.0000000000021)	ND(0.0000000025)	ND(0.0000000025)
PeCDDs (total)	ND(0.0000000000044)	ND(0.0000000000021)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	ND(0.0000000000029)	ND(0.00000000090)	ND(0.0000000025)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	ND(0.0000000000031)	ND(0.00000000080)	ND(0.0000000025)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD	ND(0.0000000000028)	ND(0.0000000022) X	ND(0.0000000025)	ND(0.0000000031)
HxCDDs (total)	ND(0.0000000000033)	ND(0.0000000027)	ND(0.0000000026)	0.0000000044
1,2,3,4,6,7,8-HpCDD	ND(0.0000000000028)	ND(0.0000000035) X	0.0000000020 J	0.000000013 J
HpCDDs (total)	ND(0.0000000000040)	ND(0.00000000060)	0.0000000020	0.000000027
OCDD	ND(0.000000000016) X	ND(0.000000013) X	ND(0.0000000089)	ND(0.000000072)
Total TEQs (WHO TEFs)	0.0000000000035	0.00000000068	0.0000000041	0.000000017
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	0.00790 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0590 B	0.0520 B	ND(0.200)	0.0230 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	0.000800 B	ND(0.00500)	ND(0.00500)
Chromium	0.00430 B	0.0140	ND(0.0100)	ND(0.0100)
Cobalt	0.00620 B	0.00450 B	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	0.0110 B	ND(0.0250)	0.00800 B
Cyanide	ND(0.0100)	ND(0.0100)	0.00930 B	0.0510
Lead	ND(0.00500)	0.00430 BJ	0.00300	0.0340
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0400)	0.00740 B	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	8.00	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	0.00660 B	ND(0.0500)	ND(0.0500)
Zinc	0.0150 B	0.0500	0.0300	0.0470
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.100)	ND(0.0100)
Barium	0.0440 B	0.0280 B	ND(0.200)	0.0150 B
Beryllium	0.000860 B	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.00140 B	0.000850 B	ND(0.0100)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0250)	ND(0.0100)
Cobalt	0.00660 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00450 B	ND(0.0250)
Cyanide	NA	NA	NA	ND(0.0100)
Lead	ND(0.00500)	ND(0.00500) J	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0110 B	0.028 J	0.0360	ND(0.0200)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 04/22/03	OPCA-MW-5R 11/17/03	OPCA-MW-5R 04/28/04	OPCA-MW-5R 10/04/04
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Chlorobenzene	ND(0.0050)	0.0028 J	0.0011 J	0.0030 J
Chloromethane	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050) J
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)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00057 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	0.0028 J	0.0011 J	0.0036 J
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1254	ND(0.000065)	0.000058 J	NA	NA
Aroclor-1260	0.00027	ND(0.000065)	NA	NA
Total PCBs	0.00027	0.000058 J	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000092	0.000037 J	0.000041 J
Aroclor-1260	0.000039 J	ND(0.000065)	ND(0.000065)	0.000043 J
Total PCBs	0.000039 J	0.000092	0.000037 J	0.000084 J
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)	R
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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)	R
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(0.0000000025)	ND(0.00000000091)	ND(0.0000000016)	ND(0.0000000023)
TCDFs (total)	ND(0.0000000025)	0.00000018 I	ND(0.0000000016)	ND(0.0000000023)
1,2,3,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000011)	ND(0.0000000024)	ND(0.0000000013)
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.00000000086)	ND(0.0000000024)	ND(0.0000000012)
PeCDFs (total)	ND(0.0000000024)	0.00000034 I	ND(0.0000000024)	ND(0.0000000016)
1,2,3,4,7,8-HxCDF	ND(0.0000000024)	ND(0.000000020)	ND(0.0000000024)	ND(0.00000000085)
1,2,3,6,7,8-HxCDF	ND(0.0000000024)	ND(0.00000000055)	ND(0.0000000024)	ND(0.00000000069)
1,2,3,7,8,9-HxCDF	ND(0.0000000028)	ND(0.00000000062)	ND(0.0000000024)	ND(0.00000000088)
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.00000000057)	ND(0.0000000024)	ND(0.00000000079)
HxCDFs (total)	ND(0.0000000024)	0.00000018 I	ND(0.0000000024)	ND(0.00000000088)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024)	ND(0.00000000044)	ND(0.0000000024)	ND(0.00000000049)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000030)	ND(0.00000000054)	ND(0.0000000024)	ND(0.00000000058)
HpCDFs (total)	ND(0.0000000026)	ND(0.00000000054)	ND(0.0000000024)	ND(0.00000000070)
OCDF	ND(0.0000000099)	ND(0.00000000054)	ND(0.0000000065)	ND(0.0000000024)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 04/22/03	OPCA-MW-5R 11/17/03	OPCA-MW-5R 04/28/04	OPCA-MW-5R 10/04/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.00000000055)	ND(0.0000000022)	ND(0.00000000097)
TCDDs (total)	ND(0.0000000020)	ND(0.00000000055)	ND(0.0000000022)	ND(0.00000000097)
1,2,3,7,8-PeCDD	ND(0.0000000024)	ND(0.0000000019)	ND(0.0000000024)	ND(0.0000000026)
PeCDDs (total)	ND(0.0000000041)	ND(0.0000000019)	ND(0.0000000028)	ND(0.0000000026)
1,2,3,4,7,8-HxCDD	ND(0.0000000030)	ND(0.00000000099)	ND(0.0000000039)	ND(0.0000000012)
1,2,3,6,7,8-HxCDD	ND(0.0000000027)	ND(0.0000000011)	ND(0.0000000034)	ND(0.00000000090)
1,2,3,7,8,9-HxCDD	ND(0.0000000030)	ND(0.0000000010)	ND(0.0000000037)	ND(0.00000000094)
HxCDDs (total)	ND(0.0000000045)	ND(0.0000000011)	ND(0.0000000037)	ND(0.0000000012)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000038)	ND(0.00000000042)	ND(0.0000000031)	ND(0.0000000010)
HpCDDs (total)	ND(0.0000000038)	ND(0.00000000042)	ND(0.0000000031)	ND(0.0000000010)
OCDD	ND(0.000000010)	ND(0.000000010)	ND(0.000000019)	ND(0.0000000076)
Total TEQs (WHO TEFs)	0.0000000040	0.0000000028	0.0000000041	0.0000000026
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	ND(0.0100) J	NA	NA
Barium	0.0520 B	0.0780 B	NA	NA
Beryllium	ND(0.00100)	ND(0.0010)	NA	NA
Cadmium	ND(0.00500)	ND(0.00500)	NA	NA
Chromium	ND(0.0100)	ND(0.0100)	NA	NA
Cobalt	ND(0.0500)	ND(0.0500)	NA	NA
Copper	0.00560 B	ND(0.025)	NA	NA
Cyanide	0.00220 B	ND(0.0100)	NA	NA
Lead	0.00420	ND(0.00300)	NA	NA
Mercury	ND(0.000200)	0.0000500 B	NA	NA
Nickel	ND(0.0400)	ND(0.040)	NA	NA
Selenium	ND(0.00500) J	ND(0.00500) J	NA	NA
Silver	ND(0.00500)	ND(0.00500)	NA	NA
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100)	NA	NA
Vanadium	0.00150 B	ND(0.0500)	NA	NA
Zinc	ND(0.030)	0.0110 J	NA	NA
Inorganics-Filtered				
Antimony	0.00460 B	ND(0.0600)	0.00730 B	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Barium	0.0540 B	0.0810 B	0.0640 B	0.0880 B
Beryllium	ND(0.00100)	ND(0.00100)	0.000330 B	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	0.00260 B	ND(0.0250)	0.00140 B
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.040)	0.00370 B	0.00180 B
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	0.00140 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0230	ND(0.020)	ND(0.0200)	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 04/06/05	OPCA-MW-5R 10/11/05	OPCA-MW-6 06/15/99	OPCA-MW-6 05/02/01
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050) J	ND(0.010)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	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)
Toluene	ND(0.0050)	0.0015 J	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.010)	ND(0.0020)
Total VOCs	ND(0.20)	0.0015 J	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	0.00012	ND(0.000065)
Aroclor-1260	NA	NA	ND(0.000050)	ND(0.000065)
Total PCBs	NA	NA	0.00012	ND(0.000065)
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1254	0.000073	0.00011	NA	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.000073	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	0.0038 J	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.010)	ND(0.0060)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	0.0083 J	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	R	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(0.0000000018)	0.0000000033 J	ND(0.00000000090)	ND(0.0000000012)
TCDFs (total)	ND(0.0000000018)	0.0000000033 J	ND(0.00000000090)	ND(0.0000000012)
1,2,3,7,8-PeCDF	ND(0.0000000041)	ND(0.0000000049)	ND(0.0000000033)	ND(0.0000000016)
2,3,4,7,8-PeCDF	ND(0.0000000042)	ND(0.0000000049)	ND(0.0000000031)	ND(0.0000000016)
PeCDFs (total)	ND(0.0000000042)	ND(0.0000000049)	ND(0.0000000033)	ND(0.0000000016)
1,2,3,4,7,8-HxCDF	ND(0.0000000038)	ND(0.0000000049)	ND(0.0000000089)	ND(0.0000000015)
1,2,3,6,7,8-HxCDF	ND(0.0000000031)	ND(0.0000000049)	ND(0.0000000092)	ND(0.0000000011)
1,2,3,7,8,9-HxCDF	ND(0.0000000041)	ND(0.0000000049)	ND(0.0000000087)	ND(0.0000000014)
2,3,4,6,7,8-HxCDF	ND(0.0000000037)	ND(0.0000000049)	ND(0.0000000096)	ND(0.0000000012)
HxCDFs (total)	ND(0.0000000041)	ND(0.0000000049)	ND(0.0000000095)	ND(0.0000000015)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000037)	ND(0.0000000049)	ND(0.000000020)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000047)	ND(0.0000000049)	ND(0.000000020)	ND(0.0000000020)
HpCDFs (total)	ND(0.0000000047)	ND(0.0000000049)	ND(0.000000020)	ND(0.0000000018)
OCDF	ND(0.0000000085)	ND(0.0000000099)	ND(0.000000020)	ND(0.0000000039)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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 04/06/05	OPCA-MW-5R 10/11/05	OPCA-MW-6 06/15/99	OPCA-MW-6 05/02/01
Dioxins				
2,3,7,8-TCDD	ND(0.0000000030)	ND(0.0000000023)	ND(0.0000000012)	ND(0.0000000017)
TCDDs (total)	ND(0.0000000030)	ND(0.0000000023)	ND(0.0000000012)	ND(0.0000000017)
1,2,3,7,8-PeCDD	ND(0.0000000064)	ND(0.0000000049)	ND(0.000000012)	ND(0.0000000019)
PeCDDs (total)	ND(0.0000000064)	ND(0.0000000049)	ND(0.000000012)	ND(0.0000000019)
1,2,3,4,7,8-HxCDD	ND(0.0000000056)	ND(0.0000000049)	ND(0.000000012)	ND(0.0000000016)
1,2,3,6,7,8-HxCDD	ND(0.0000000043)	ND(0.0000000049)	ND(0.000000015)	ND(0.0000000016)
1,2,3,7,8,9-HxCDD	ND(0.0000000046)	ND(0.0000000049)	ND(0.000000013)	ND(0.0000000016)
HxCDDs (total)	ND(0.0000000056)	ND(0.0000000049)	ND(0.000000015)	ND(0.0000000016)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000084)	ND(0.0000000049)	ND(0.000000026)	ND(0.0000000026)
HpCDDs (total)	ND(0.0000000084)	ND(0.0000000049)	ND(0.000000026)	ND(0.0000000026)
OCDD	ND(0.0000000087)	ND(0.000000018)	ND(0.000000029)	ND(0.0000000047)
Total TEQs (WHO TEFs)	0.0000000075	0.0000000071	0.000000012	0.0000000028
Inorganics-Unfiltered				
Antimony	NA	NA	ND(0.0600)	ND(0.0600)
Arsenic	NA	NA	ND(0.00600)	ND(0.0100)
Barium	NA	NA	0.0300	0.0170 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)	0.00400 B
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	0.00570
Silver	NA	NA	ND(0.0130)	ND(0.00500)
Sulfide	ND(5.0)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	NA	NA	ND(0.0130)	ND(0.0100) J
Vanadium	NA	NA	ND(0.0600)	ND(0.0500)
Zinc	NA	NA	ND(0.0260)	0.0210 J
Inorganics-Filtered				
Antimony	0.0140 B	ND(0.0600)	NA	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	0.0720 B	0.0310 B	NA	0.0160 B
Beryllium	ND(0.00100)	ND(0.00100)	NA	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	NA	ND(0.00500)
Chromium	ND(0.010)	ND(0.0100)	NA	ND(0.0100) J
Cobalt	0.00680 B	ND(0.0500)	NA	ND(0.0500)
Copper	ND(0.025)	0.00210 B	NA	ND(0.0250)
Cyanide	ND(0.0100)	0.00230 B	NA	NA
Lead	ND(0.00300)	ND(0.00300)	NA	ND(0.00500) J
Mercury	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)
Nickel	0.00190 B	ND(0.0400)	NA	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	NA	0.00590
Silver	ND(0.0050)	ND(0.00500)	NA	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	NA	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc	0.0240	ND(0.02)	NA	0.0150 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-6 04/23/02	OPCA-MW-6 10/1-10/2/02	OPCA-MW-6 04/24/03	OPCA-MW-6 11/17/03
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	0.0085 J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	0.0085 J	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000091	0.00010	0.00012
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.000030 J	0.000086
Total PCBs	ND(0.000065)	0.000091	0.00013	0.000206
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000047 J	0.000088	0.00010
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000058 J
Total PCBs	ND(0.000065)	0.000047 J	0.000088	0.000158
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060) J	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
Organophosphate Pesticides				
None Detected	--	--	NA	NA
Herbicides				
None Detected	--	--	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000012)	ND(0.0000000013)	ND(0.0000000031)	ND(0.0000000011)
TCDFs (total)	ND(0.0000000012)	ND(0.0000000013)	ND(0.0000000031)	0.00000010 I
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000045)	ND(0.0000000012)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.00000000066) X	ND(0.0000000045)	ND(0.00000000094)
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000045)	0.00000016 I
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.000000013)	ND(0.00000000053)
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.000000012)	ND(0.00000000051)
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.000000016)	ND(0.00000000061)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.000000013)	ND(0.00000000058)
HxCDFs (total)	ND(0.0000000025)	ND(0.0000000024)	ND(0.000000013)	ND(0.000000028)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.00000000091) X	ND(0.0000000033)	ND(0.00000000061)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000044)	ND(0.00000000072)
HpCDFs (total)	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000037)	ND(0.00000000072)
OCDF	ND(0.0000000049)	ND(0.0000000048)	ND(0.000000012)	ND(0.00000000087)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-6 04/23/02	OPCA-MW-6 10/1-10/2/02	OPCA-MW-6 04/24/03	OPCA-MW-6 11/17/03
Dioxins				
2,3,7,8-TCDD	ND(0.0000000021)	ND(0.0000000018)	ND(0.0000000024)	ND(0.00000000080)
TCDDs (total)	ND(0.0000000021)	ND(0.0000000036)	ND(0.0000000026)	ND(0.00000000080)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000027)	ND(0.0000000020)
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000039)	ND(0.0000000036)	ND(0.0000000020)
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000045)	ND(0.0000000011)
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000040)	ND(0.0000000011)
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000044)	ND(0.0000000011)
HxCDDs (total)	ND(0.0000000026)	ND(0.0000000024)	ND(0.0000000043)	ND(0.0000000011)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000018) X	ND(0.0000000032) X	ND(0.0000000042)	ND(0.00000000051)
HpCDDs (total)	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000042)	ND(0.00000000051)
OCDD	ND(0.0000000068)	ND(0.0000000068) X	0.0000000097 J	ND(0.0000000011)
Total TEQs (WHO TEFs)	0.0000000040	0.0000000033	0.0000000073	0.0000000020
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	0.00840 B	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium	ND(0.200)	0.0180 B	0.0530 B	ND(0.20)
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.0010)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	0.00500 B	ND(0.0250)	ND(0.025)
Cyanide	ND(0.0100)	ND(0.0100)	0.00420 B	ND(0.0100)
Lead	ND(0.00300)	0.00220 B	ND(0.00300) J	ND(0.00300)
Mercury	ND(0.000200) J	ND(0.000200) J	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200) J	0.0200 B	0.00930 J	0.00570 J
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	0.00760 B	ND(0.0600)
Arsenic	ND(0.100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	ND(0.200)	0.0130 B	0.0520 B	ND(0.20)
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.0100)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0250)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.100)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	NA	ND(0.0100)	0.00370 B	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J	ND(0.00300)
Mercury	ND(0.000200) J	0.000210 J	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200) J	ND(0.0200)	ND(0.0200) J	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-6 04/28/04	OPCA-MW-6 10/04/04	OPCA-MW-6 04/04/05	OPCA-MW-6 10/17/05
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050) J	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050) J	ND(0.0050)	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)
Toluene	ND(0.0050)	ND(0.0050)	0.0016 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	0.0016 J	ND(0.20)
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(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	ND(0.000065)	0.00037	0.000078
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.00014	ND(0.000065)
Total PCBs	ND(0.000065)	ND(0.000065)	0.00051	0.000078
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000013)	ND(0.0000000030)	ND(0.0000000013)	ND(0.0000000022)
TCDFs (total)	ND(0.0000000013)	ND(0.0000000030)	ND(0.0000000013)	ND(0.0000000015)
1,2,3,7,8-PeCDF	ND(0.0000000013)	ND(0.0000000012)	ND(0.0000000024)	ND(0.0000000050)
2,3,4,7,8-PeCDF	ND(0.00000000098)	ND(0.0000000011)	ND(0.0000000024)	ND(0.0000000050)
PeCDFs (total)	ND(0.0000000023)	ND(0.0000000020)	ND(0.0000000024)	ND(0.0000000050)
1,2,3,4,7,8-HxCDF	ND(0.0000000010) X	ND(0.0000000013)	ND(0.0000000022)	ND(0.0000000050)
1,2,3,6,7,8-HxCDF	ND(0.0000000013)	ND(0.00000000068)	ND(0.0000000018)	ND(0.0000000050)
1,2,3,7,8,9-HxCDF	ND(0.0000000028)	ND(0.00000000088)	ND(0.0000000024)	ND(0.0000000050)
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.00000000078)	ND(0.0000000022)	ND(0.0000000050)
HxCDFs (total)	ND(0.0000000013)	ND(0.0000000013)	ND(0.0000000024)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024)	ND(0.00000000052)	ND(0.0000000019)	ND(0.0000000050)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000024)	ND(0.00000000062)	ND(0.0000000024)	ND(0.0000000050)
HpCDFs (total)	ND(0.0000000024)	ND(0.00000000062)	ND(0.0000000024)	ND(0.0000000050)
OCDF	ND(0.0000000049)	ND(0.0000000030)	ND(0.0000000041)	ND(0.000000010)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-6 04/28/04	OPCA-MW-6 10/04/04	OPCA-MW-6 04/04/05	OPCA-MW-6 10/17/05
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000012)	ND(0.0000000017)	ND(0.0000000024) X
TCDDs (total)	ND(0.0000000020)	ND(0.0000000012)	ND(0.0000000017)	ND(0.0000000031)
1,2,3,7,8-PeCDD	ND(0.0000000024)	ND(0.0000000023)	ND(0.0000000035)	ND(0.0000000050)
PeCDDs (total)	ND(0.0000000028)	ND(0.0000000023)	ND(0.0000000035)	ND(0.0000000050)
1,2,3,4,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000013)	ND(0.0000000034)	ND(0.0000000050)
1,2,3,6,7,8-HxCDD	ND(0.0000000043)	ND(0.00000000099)	ND(0.0000000026)	ND(0.0000000050)
1,2,3,7,8,9-HxCDD	ND(0.0000000047)	ND(0.0000000010)	ND(0.0000000028)	ND(0.0000000050)
HxCDDs (total)	ND(0.0000000046)	ND(0.0000000013)	ND(0.0000000034)	ND(0.0000000050)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026)	ND(0.0000000011)	ND(0.0000000036)	ND(0.0000000050)
HpCDDs (total)	ND(0.0000000026)	ND(0.0000000011)	ND(0.0000000036)	ND(0.0000000050)
OCDD	ND(0.0000000060)	ND(0.0000000018)	ND(0.0000000056)	ND(0.0000000010)
Total TEQs (WHO TEFs)	0.0000000037	0.0000000026	0.0000000042	0.0000000070
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	ND(5.00)	ND(5.00)	ND(5.0)	ND(5.00)
Thallium	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Antimony	0.00770 B	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100) J	ND(0.0100)	ND(0.0100)
Barium	0.0170 B	0.0320 B	0.0120 B	0.0170 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.00110 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)	0.00140 B
Cyanide	0.00170 B	0.00220 B	0.00160 B	0.00200 B
Lead	ND(0.00300)	ND(0.00300) J	ND(0.00300)	ND(0.003)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500)	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	ND(0.020)	0.0280	ND(0.0200)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 06/15/99	OPCA-MW-7 05/01/01	OPCA-MW-7 11/1-11/7/2001	OPCA-MW-7 04/24/02
Volatile Organics				
Acetone	ND(0.10)	ND(0.010)	ND(0.010) J [ND(0.010) J]	ND(0.010) J
Carbon Disulfide	ND(0.010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloromethane	ND(0.010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dibromomethane	ND(0.0050)	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)]	ND(0.0050)
Toluene	ND(0.0050)	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)]	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000051)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1248	ND(0.000051)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1254	ND(0.000051)	ND(0.000065)	NA	ND(0.000065)
Aroclor-1260	ND(0.000051)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	ND(0.000051)	ND(0.000065)	NA	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	ND(0.000065)	NA	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	NA	ND(0.000065)
Total PCBs	NA	ND(0.000065)	NA	ND(0.000065)
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.011)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Dibenzofuran	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.011)	ND(0.010) J	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	ND(0.00000000080)	ND(0.0000000014)	ND(0.0000000000021) X	ND(0.0000000012)
TCDFs (total)	ND(0.00000000080)	ND(0.0000000014)	0.0000000000019	ND(0.0000000012)
1,2,3,7,8-PeCDF	ND(0.0000000030)	ND(0.0000000016)	ND(0.0000000000014) X	0.0000000012 J
2,3,4,7,8-PeCDF	ND(0.0000000028)	ND(0.0000000016)	ND(0.0000000000024) X	0.0000000013 J
PeCDFs (total)	ND(0.0000000030)	ND(0.0000000016)	0.0000000000043	0.0000000039
1,2,3,4,7,8-HxCDF	ND(0.0000000069)	ND(0.0000000016)	ND(0.0000000000010)	0.0000000013 J
1,2,3,6,7,8-HxCDF	ND(0.0000000070)	ND(0.00000000090)	ND(0.00000000000090)	0.0000000013 J
1,2,3,7,8,9-HxCDF	ND(0.0000000067)	ND(0.0000000011)	ND(0.0000000000011)	0.0000000018 J
2,3,4,6,7,8-HxCDF	ND(0.0000000073)	ND(0.0000000010)	ND(0.0000000000010)	ND(0.0000000014) X
HxCDFs (total)	ND(0.0000000073)	ND(0.0000000016)	0.0000000000013	0.0000000055
1,2,3,4,6,7,8-HpCDF	ND(0.000000013)	ND(0.0000000016)	ND(0.0000000000016)	0.0000000014 J
1,2,3,4,7,8,9-HpCDF	ND(0.000000013)	ND(0.0000000020)	ND(0.0000000000020)	ND(0.0000000019) X
HpCDFs (total)	ND(0.000000013)	ND(0.0000000018)	ND(0.0000000000018)	0.0000000014
OCDF	ND(0.000000012)	ND(0.0000000038)	ND(0.0000000000026) X	0.0000000044 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 06/15/99	OPCA-MW-7 05/01/01	OPCA-MW-7 11/1-11/7/2001	OPCA-MW-7 04/24/02
Dioxins				
2,3,7,8-TCDD	ND(0.0000000013)	ND(0.0000000020)	ND(0.00000000000090)	ND(0.0000000019)
TCDDs (total)	ND(0.0000000013)	ND(0.0000000020)	ND(0.00000000000090)	ND(0.0000000019)
1,2,3,7,8-PeCDD	ND(0.000000010)	ND(0.0000000021)	ND(0.00000000000060)	ND(0.0000000026)
PeCDDs (total)	ND(0.000000010)	ND(0.0000000021)	ND(0.0000000000016)	ND(0.0000000026)
1,2,3,4,7,8-HxCDD	ND(0.0000000097)	ND(0.0000000017)	ND(0.0000000000018)	ND(0.0000000024)
1,2,3,6,7,8-HxCDD	ND(0.000000012)	ND(0.0000000017)	ND(0.0000000000016)	ND(0.0000000024)
1,2,3,7,8,9-HxCDD	ND(0.000000011)	ND(0.0000000016)	ND(0.0000000000017)	0.0000000020 J
HxCDDs (total)	ND(0.000000012)	ND(0.000000010) X	0.0000000000061	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDD	ND(0.000000017)	ND(0.0000000030)	0.0000000000062 J	0.0000000029 J
HpCDDs (total)	ND(0.000000017)	ND(0.0000000030)	0.0000000000062	0.0000000029
OCDD	ND(0.000000018)	ND(0.0000000048)	0.000000000020 J	ND(0.000000011)
Total TEQs (WHO TEFs)	0.0000000098	0.0000000031	0.0000000000020	0.0000000040
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	NA	ND(0.0600)
Arsenic	ND(0.00600)	ND(0.0100)	NA	ND(0.0100)
Barium	0.0270	0.0600 B	NA	ND(0.200)
Beryllium	ND(0.00600)	ND(0.00100)	NA	ND(0.00100)
Cadmium	ND(0.00600)	ND(0.00500)	NA	ND(0.00500)
Chromium	ND(0.0130)	ND(0.0100)	NA	ND(0.0100)
Cobalt	ND(0.0600)	ND(0.0500)	NA	ND(0.0500)
Copper	ND(0.0330)	0.00790 J	NA	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100)	NA	ND(0.0100)
Lead	ND(0.130) J	ND(0.00500)	NA	ND(0.00300)
Mercury	ND(0.000500)	ND(0.000200)	NA	ND(0.000200) J
Nickel	ND(0.0600)	ND(0.0400)	NA	ND(0.0400)
Selenium	ND(0.00600) J	ND(0.00500) J	NA	ND(0.00500) J
Silver	ND(0.0130)	ND(0.00500)	NA	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0130)	ND(0.0100) J	NA	ND(0.0100) J
Vanadium	ND(0.0600)	ND(0.0500)	NA	ND(0.0500)
Zinc	ND(0.0260)	0.0200 B	NA	0.0230 J
Inorganics-Filtered				
Antimony	NA	ND(0.0600)	NA	ND(0.0600)
Arsenic	NA	ND(0.0100)	NA	ND(0.100)
Barium	NA	0.0570 J	NA	ND(0.200)
Beryllium	NA	ND(0.00100)	NA	ND(0.00100)
Cadmium	NA	ND(0.00500)	NA	ND(0.0100)
Chromium	NA	ND(0.0100)	NA	ND(0.0250)
Cobalt	NA	ND(0.0500)	NA	ND(0.0500)
Copper	NA	0.00730 J	NA	ND(0.100)
Cyanide	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	ND(0.00300)
Mercury	NA	ND(0.000200)	NA	ND(0.000200) J
Nickel	NA	ND(0.0400)	NA	ND(0.0400)
Selenium	NA	ND(0.00500) J	NA	ND(0.00500) J
Silver	NA	ND(0.00500)	NA	ND(0.00500)
Thallium	NA	ND(0.0100) J	NA	ND(0.0100) J
Vanadium	NA	ND(0.0500)	NA	ND(0.0500)
Zinc	NA	0.0200 B	NA	0.0160 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 04/23/03	OPCA-MW-7 11/13/03	OPCA-MW-7 04/29/04	OPCA-MW-7 10/04/04
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050) J
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050) J	ND(0.0050)	ND(0.0050) J
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)
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(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1254	ND(0.000065)	0.000085	NA	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	NA	NA
Total PCBs	ND(0.000065)	0.000085	NA	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065) J	0.000066	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065) J	0.000066	ND(0.000065)	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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	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	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000034)	ND(0.0000000028)	ND(0.00000000030)	ND(0.0000000027)
TCDFs (total)	ND(0.0000000034)	ND(0.0000000028)	0.000000011 I	ND(0.0000000027)
1,2,3,7,8-PeCDF	0.0000000010 J	0.0000000018 J	ND(0.00000000033)	ND(0.0000000011)
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000016)	ND(0.00000000032)	ND(0.0000000011)
PeCDFs (total)	0.0000000010	ND(0.0000000034)	0.000000029 I	ND(0.0000000020)
1,2,3,4,7,8-HxCDF	ND(0.0000000034)	ND(0.0000000021)	ND(0.00000000023)	ND(0.0000000011)
1,2,3,6,7,8-HxCDF	ND(0.0000000030)	ND(0.0000000016)	ND(0.00000000022)	ND(0.00000000051)
1,2,3,7,8,9-HxCDF	ND(0.0000000040)	ND(0.0000000033)	ND(0.00000000026)	ND(0.00000000066)
2,3,4,6,7,8-HxCDF	ND(0.0000000033)	ND(0.0000000028)	ND(0.00000000021)	ND(0.00000000059)
HxCDFs (total)	ND(0.0000000034)	ND(0.0000000038)	0.0000000046 I	ND(0.0000000011)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000040)	0.0000000030 J	ND(0.00000000017)	ND(0.00000000057)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000054)	ND(0.0000000038)	ND(0.00000000022)	ND(0.00000000061)
HpCDFs (total)	ND(0.0000000046)	0.0000000030	ND(0.00000000022)	ND(0.00000000061)
OCDF	ND(0.000000010)	ND(0.000000014)	ND(0.00000000056)	ND(0.0000000029)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 04/23/03	OPCA-MW-7 11/13/03	OPCA-MW-7 04/29/04	OPCA-MW-7 10/04/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000033)	ND(0.0000000040)	ND(0.00000000017)	ND(0.00000000097)
TCDDs (total)	ND(0.0000000033)	ND(0.0000000040)	ND(0.00000000017)	ND(0.00000000097)
1,2,3,7,8-PeCDD	ND(0.0000000032)	ND(0.0000000022)	ND(0.0000000014)	ND(0.0000000018)
PeCDDs (total)	ND(0.0000000036)	ND(0.0000000022)	ND(0.0000000014)	ND(0.0000000018)
1,2,3,4,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000050)	ND(0.00000000055)	ND(0.0000000018)
1,2,3,6,7,8-HxCDD	ND(0.0000000044)	ND(0.0000000048)	ND(0.00000000055)	ND(0.0000000014)
1,2,3,7,8,9-HxCDD	ND(0.0000000048)	ND(0.0000000050)	ND(0.00000000059)	ND(0.0000000015)
HxCDDs (total)	ND(0.0000000047)	ND(0.0000000049)	ND(0.00000000059)	ND(0.0000000018)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000074)	ND(0.0000000047)	ND(0.00000000064)	ND(0.0000000012)
HpCDDs (total)	ND(0.0000000074)	ND(0.0000000047)	ND(0.00000000064)	ND(0.0000000012)
OCDD	ND(0.000000012) X	ND(0.000000023)	ND(0.00000000054)	ND(0.0000000027)
Total TEQs (WHO TEFs)	0.0000000055	0.0000000050	0.0000000010	0.0000000022
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	ND(0.0100)	NA	NA
Barium	0.0160 B	0.0120 B	NA	NA
Beryllium	ND(0.00100)	ND(0.00100)	NA	NA
Cadmium	ND(0.00500)	ND(0.00500)	NA	NA
Chromium	ND(0.0100)	0.00290 B	NA	NA
Cobalt	ND(0.0500)	ND(0.0500)	NA	NA
Copper	0.00350 J	ND(0.025)	NA	NA
Cyanide	ND(0.0100)	ND(0.0100)	NA	NA
Lead	ND(0.00300) J	ND(0.00300)	NA	NA
Mercury	ND(0.000200)	ND(0.000200)	NA	NA
Nickel	ND(0.0400)	ND(0.0400)	NA	NA
Selenium	0.00540 J	ND(0.00500)	NA	NA
Silver	ND(0.00500)	ND(0.00500)	NA	NA
Sulfide	6.40	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100)	NA	NA
Vanadium	ND(0.0500)	ND(0.0500)	NA	NA
Zinc	0.0270 J	ND(0.020)	NA	NA
Inorganics-Filtered				
Antimony	0.00960 J	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium	0.0150 B	0.0150 B	0.0140 B	0.0140 B
Beryllium	ND(0.00100) J	0.000430 B	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.00140 J	0.00170 B	0.00140 B	0.00110 B
Cobalt	0.00130 J	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.025)	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300) J	ND(0.00300)	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0100 J	ND(0.020)	ND(0.020)	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 04/06/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 06/14/99
Volatile Organics			
Acetone	ND(0.010)	ND(0.010)	ND(0.10)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.010)
Dibromomethane	ND(0.0050)	0.0026 J	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
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(0.010)
Total VOCs	ND(0.20)	0.0026 J	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	NA	NA	ND(0.00010)
Aroclor-1248	NA	NA	ND(0.00010)
Aroclor-1254	NA	NA	ND(0.00010)
Aroclor-1260	NA	NA	ND(0.00010)
Total PCBs	NA	NA	ND(0.00010)
PCBs-Filtered			
Aroclor-1221	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	0.00018	0.00039	NA
Aroclor-1260	0.000051 J	ND(0.000065)	NA
Total PCBs	0.000231	0.00039	NA
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.010)
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	ND(0.0000000016)	ND(0.0000000048)	ND(0.00000000070)
TCDFs (total)	ND(0.0000000016)	ND(0.0000000048)	ND(0.00000000070)
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000050)	ND(0.0000000029)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000050)	ND(0.0000000027)
PeCDFs (total)	ND(0.0000000035)	ND(0.0000000050)	ND(0.0000000029)
1,2,3,4,7,8-HxCDF	ND(0.0000000031)	0.0000000058 J	ND(0.0000000097)
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000050)	ND(0.0000000099)
1,2,3,7,8,9-HxCDF	ND(0.0000000034)	ND(0.0000000050)	ND(0.0000000094)
2,3,4,6,7,8-HxCDF	ND(0.0000000030)	ND(0.0000000050)	ND(0.000000010)
HxCDFs (total)	ND(0.0000000034)	0.000000011 J	ND(0.000000010)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000034)	ND(0.0000000050)	ND(0.000000022)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000044)	ND(0.0000000050)	ND(0.000000022)
HpCDFs (total)	ND(0.0000000044)	ND(0.0000000050)	ND(0.000000022)
OCDF	ND(0.0000000058)	ND(0.000000010)	ND(0.000000025)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-7 04/06/05	OPCA-MW-7 10/17-10/20/2005	OPCA-MW-8 06/14/99
Dioxins			
2,3,7,8-TCDD	ND(0.0000000022)	ND(0.0000000033)	ND(0.0000000011)
TCDDs (total)	ND(0.0000000022)	ND(0.0000000033)	ND(0.0000000011)
1,2,3,7,8-PeCDD	ND(0.0000000043)	ND(0.0000000050)	ND(0.000000011)
PeCDDs (total)	ND(0.0000000043)	ND(0.0000000050)	ND(0.000000011)
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000050)	ND(0.000000013)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000050)	ND(0.000000016)
1,2,3,7,8,9-HxCDD	ND(0.0000000034)	ND(0.0000000050)	ND(0.000000014)
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000050)	ND(0.000000016)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000060)	ND(0.0000000050)	ND(0.000000030)
HpCDDs (total)	ND(0.0000000060)	ND(0.0000000050)	ND(0.000000030)
OCDD	ND(0.000000010)	ND(0.000000018)	ND(0.000000037)
Total TEQs (WHO TEFs)	0.0000000052	0.0000000079	0.000000011
Inorganics-Unfiltered			
Antimony	NA	NA	ND(0.0600)
Arsenic	NA	NA	ND(0.00600)
Barium	NA	NA	0.0860
Beryllium	NA	NA	ND(0.00600)
Cadmium	NA	NA	ND(0.00600)
Chromium	NA	NA	ND(0.0130)
Cobalt	NA	NA	ND(0.0600)
Copper	NA	NA	ND(0.0330)
Cyanide	NA	NA	ND(0.0200)
Lead	NA	NA	ND(0.130) J
Mercury	NA	NA	ND(0.000500)
Nickel	NA	NA	ND(0.0600)
Selenium	NA	NA	ND(0.00600) J
Silver	NA	NA	ND(0.0130)
Sulfide	ND(5.0)	ND(5.00)	ND(5.00)
Thallium	NA	NA	ND(0.0130)
Vanadium	NA	NA	ND(0.0600)
Zinc	NA	NA	ND(0.0260)
Inorganics-Filtered			
Antimony	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	NA
Barium	0.0150 B	0.0200 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	NA
Cadmium	ND(0.00500)	0.000570 B	NA
Chromium	ND(0.010)	0.000720 B	NA
Cobalt	ND(0.0500)	ND(0.0500)	NA
Copper	ND(0.025)	ND(0.0250)	NA
Cyanide	ND(0.0100)	0.00140 B	NA
Lead	ND(0.00300)	ND(0.00300)	NA
Mercury	ND(0.000200)	ND(0.000200)	NA
Nickel	0.00300 B	ND(0.0400)	NA
Selenium	ND(0.00500)	ND(0.00500) J	NA
Silver	ND(0.00500)	ND(0.00500)	NA
Thallium	ND(0.0100)	ND(0.0100) J	NA
Vanadium	ND(0.0500)	0.00260 B	NA
Zinc	0.0210	ND(0.0200)	NA

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-8 05/01/01	OPCA-MW-8 11/01/01	OPCA-MW-8 04/23/02
Volatile Organics			
Acetone	ND(0.010) [ND(0.010)]	ND(0.010) J	ND(0.010) J
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	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)
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(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065) [ND(0.000065)]	0.000095	ND(0.000065)
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065) [ND(0.000065)]	0.000095	ND(0.000065)
PCBs-Filtered			
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065) [ND(0.000065)]	ND(0.000065)	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)
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060)]	ND(0.0060)	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) J [ND(0.010) J]	ND(0.010)	ND(0.010)
Organochlorine Pesticides			
None Detected	NA	NA	--
Organophosphate Pesticides			
None Detected	NA	NA	--
Herbicides			
None Detected	NA	NA	--
Furans			
2,3,7,8-TCDF	ND(0.0000000010) [ND(0.0000000018) X]	ND(0.0000000000060)	ND(0.0000000017)
TCDFs (total)	ND(0.0000000010) [ND(0.0000000032) X]	ND(0.0000000000060)	ND(0.0000000017)
1,2,3,7,8-PeCDF	ND(0.0000000028) [ND(0.000000026)]	ND(0.0000000000044)	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.0000000011) [0.0000000034 J]	ND(0.0000000000043)	ND(0.0000000025)
PeCDFs (total)	ND(0.0000000028) [0.000000040]	ND(0.0000000000043)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	ND(0.0000000014) [ND(0.0000000045)]	ND(0.0000000000017)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.00000000070) [ND(0.0000000028)]	ND(0.0000000000015)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.00000000090) [0.0000000018 JB]	ND(0.0000000000019)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.00000000080) [ND(0.0000000023)]	ND(0.0000000000017)	ND(0.0000000025)
HxCDFs (total)	ND(0.0000000014) [0.000000025]	ND(0.0000000000017)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000013) [ND(0.0000000036) XB]	0.0000000000052 JQ	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000016) [0.0000000040 JB]	ND(0.0000000000030)	ND(0.0000000025)
HpCDFs (total)	ND(0.0000000014) [0.0000000058]	ND(0.0000000000052)	ND(0.0000000025)
OCDF	ND(0.0000000031) [0.0000000095 J]	ND(0.0000000000087) X	ND(0.0000000049)

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-8 05/01/01	OPCA-MW-8 11/01/01	OPCA-MW-8 04/23/02
Dioxins			
2,3,7,8-TCDD	ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000000075)	ND(0.0000000027)
TCDDs (total)	ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000000075)	ND(0.0000000027)
1,2,3,7,8-PeCDD	ND(0.0000000016) [ND(0.0000000040)]	ND(0.0000000000075)	ND(0.0000000025)
PeCDDs (total)	ND(0.0000000016) [0.0000000040]	ND(0.0000000000075)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	ND(0.0000000013) [ND(0.0000000024)]	ND(0.0000000000052)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000013) [ND(0.0000000019) XB]	ND(0.0000000000046)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	ND(0.0000000012) [ND(0.0000000038)]	ND(0.0000000000047)	ND(0.0000000025)
HxCDDs (total)	ND(0.000000012) [0.0000000062]	ND(0.0000000000048)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000024) [ND(0.0000000081)]	ND(0.000000000011) X	ND(0.0000000029) X
HpCDDs (total)	ND(0.0000000014) X [0.000000012]	ND(0.0000000000080)	0.0000000017
OCDD	ND(0.0000000051) XB [ND(0.000000043)]	ND(0.00000000011)	ND(0.000000013)
Total TEQs (WHO TEFs)	0.0000000023 [0.0000000063]	0.000000000010	0.0000000043
Inorganics-Unfiltered			
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)	ND(0.0100)
Barium	0.0290 B [0.0300 B]	0.0350 B	ND(0.200)
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Chromium	0.00600 B [0.00520 B]	0.00370 B	ND(0.0100)
Cobalt	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250) [ND(0.0250)]	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100) [ND(0.0100)]	0.0260	ND(0.0100)
Lead	ND(0.00500) J [ND(0.00500) J]	0.00490 BJ	ND(0.00300)
Mercury	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500) [ND(0.0500)]	0.00440 B	ND(0.0500)
Zinc	0.0970 [0.120]	0.180	0.0110 J
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)	ND(0.100)
Barium	0.0280 J [0.0280 J]	0.0310 B	ND(0.200)
Beryllium	ND(0.00100) [ND(0.00100)]	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.0100)
Chromium	0.00290 B [0.00370 B]	ND(0.0100)	ND(0.0250)
Cobalt	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250) [0.00420 B]	ND(0.0250)	ND(0.100)
Cyanide	NA	NA	NA
Lead	ND(0.00500) J [ND(0.00500) J]	ND(0.00500) J	ND(0.00300)
Mercury	ND(0.000200) [ND(0.000200)]	ND(0.000200)	ND(0.000200) J
Nickel	ND(0.0400) [0.00410 B]	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc	0.0540 [0.0560]	0.100	0.0120 B J

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GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-8 10/07/02	OPCA-MW-8 04/24/03	OPCA-MW-8 11/17/03	OPCA-MW-8 04/28/04
Volatile Organics				
Acetone	ND(0.010)	0.026	ND(0.010)	ND(0.010) J
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	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)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0024 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	0.026	ND(0.20)	0.0024 J
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	0.00014	0.00020	0.00068	NA
Aroclor-1260	ND(0.000065)	0.00011	0.00024	NA
Total PCBs	0.00014	0.00031	0.00092	NA
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	ND(0.000065)	0.00033	0.000055 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.000029 J	ND(0.000065)
Total PCBs	ND(0.000065)	ND(0.000065)	0.000359	0.000055 J
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060) J	ND(0.0060)	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	ND(0.0000000015)	ND(0.0000000024)	ND(0.0000000016)	ND(0.00000000072)
TCDFs (total)	ND(0.0000000015)	0.0000000015	0.00000061 I	0.000000086 I
1,2,3,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000019)	ND(0.00000000068)
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000014)	ND(0.00000000062)
PeCDFs (total)	ND(0.0000000024)	0.0000000029	0.0000014 I	0.00000016 I
1,2,3,4,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000026)	0.00000012 I	0.000000020 I
1,2,3,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.00000000072)	ND(0.00000000048)
1,2,3,7,8,9-HxCDF	ND(0.0000000024)	ND(0.0000000030)	ND(0.00000000084)	ND(0.00000000058)
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.00000000079)	ND(0.00000000049)
HxCDFs (total)	ND(0.0000000023)	0.0000000031	0.00000062 I	0.000000089 I
1,2,3,4,6,7,8-HpCDF	ND(0.0000000015)	ND(0.0000000027) X	ND(0.00000000067)	ND(0.00000000025)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000024)	ND(0.0000000032)	ND(0.00000000080)	ND(0.00000000037)
HpCDFs (total)	ND(0.0000000015)	ND(0.0000000027)	0.000000012	ND(0.00000000037)
OCDF	ND(0.0000000049)	ND(0.000000010)	ND(0.00000000066)	ND(0.00000000085)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-8 10/07/02	OPCA-MW-8 04/24/03	OPCA-MW-8 11/17/03	OPCA-MW-8 04/28/04
Dioxins				
2,3,7,8-TCDD	ND(0.0000000012)	ND(0.0000000019)	ND(0.00000000065)	ND(0.00000000017)
TCDDs (total)	ND(0.0000000018)	ND(0.0000000036)	ND(0.00000000065)	ND(0.00000000017)
1,2,3,7,8-PeCDD	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000039)	ND(0.0000000043)
PeCDDs (total)	ND(0.0000000024)	ND(0.0000000043)	ND(0.0000000039)	ND(0.0000000043)
1,2,3,4,7,8-HxCDD	ND(0.0000000027)	ND(0.0000000033)	ND(0.0000000014)	ND(0.00000000076)
1,2,3,6,7,8-HxCDD	ND(0.0000000024)	ND(0.0000000030)	ND(0.0000000015)	ND(0.00000000075)
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000033)	ND(0.0000000014)	ND(0.00000000081)
HxCDDs (total)	ND(0.0000000035)	ND(0.0000000032)	ND(0.0000000015)	ND(0.00000000081)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000053) X	ND(0.0000000042)	ND(0.00000000051)	ND(0.00000000070)
HpCDDs (total)	ND(0.0000000027)	ND(0.0000000042)	ND(0.00000000051)	ND(0.00000000070)
OCDD	ND(0.000000034)	0.000000012 J	ND(0.0000000080)	ND(0.00000000071)
Total TEQs (WHO TEFs)	0.0000000034	0.0000000041	0.000000015	0.0000000046
Inorganics-Unfiltered				
Antimony	0.00420 B	0.0110 B	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100) J	NA
Barium	0.0340 B	0.0410 B	ND(0.20)	NA
Beryllium	ND(0.00100) J	ND(0.00100)	ND(0.0010)	NA
Cadmium	ND(0.00500) J	ND(0.00500)	ND(0.00500)	NA
Chromium	0.00270 J	0.00700 B	ND(0.010)	NA
Cobalt	ND(0.0500)	0.00120 B	ND(0.0500)	NA
Copper	ND(0.0250)	0.00350 B	ND(0.025)	NA
Cyanide	0.00860 B	ND(0.0100)	0.00240 B	NA
Lead	ND(0.00300)	0.00300 J	ND(0.00300)	NA
Mercury	0.000220	ND(0.000200) J	ND(0.000200)	NA
Nickel	ND(0.0400)	0.00240 B	ND(0.0400)	NA
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J	NA
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA
Sulfide	ND(5.00)	8.00	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100)	NA
Vanadium	0.00230 B	0.00240 B	0.00190 B	NA
Zinc	0.0330 J	0.0960	0.0420 J	NA
Inorganics-Filtered				
Antimony	0.00650 B	0.0120 B	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Barium	0.0390 B	0.0420 B	ND(0.20)	0.0170 B
Beryllium	0.00300 J	ND(0.00100)	ND(0.00100)	0.000380 B
Cadmium	ND(0.00500) J	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.00450 J	0.00540 B	ND(0.010)	0.00260 B
Cobalt	0.00230 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.00530 B	0.00220 B	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	0.00580 B	ND(0.0100)	0.00280 B
Lead	ND(0.00300)	ND(0.00300) J	ND(0.00300)	ND(0.00300)
Mercury	0.000240	ND(0.000200) J	ND(0.000200)	ND(0.000200)
Nickel	0.00420 B	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	0.00810 J	ND(0.0100) J	ND(0.0100)	ND(0.0100)
Vanadium	0.00470 B	0.00200 B	ND(0.0500)	ND(0.0500)
Zinc	0.0320 J	0.0410 J	ND(0.023)	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-8 10/05/04	OPCA-MW-8 04/06/05	OPCA-MW-8 10/13/05
Volatile Organics			
Acetone	ND(0.010) J	ND(0.010)	ND(0.01)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	0.00067 J
Dibromomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050)	0.0026 J	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)	0.0026 J	0.00067 J
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)	R
Aroclor-1248	ND(0.000065)	ND(0.000065)	R
Aroclor-1254	0.000041 J	0.000061 J	R
Aroclor-1260	0.000025 J	ND(0.000065)	R
Total PCBs	0.000066 J	0.000061 J	R
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)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	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	ND(0.0000000024)	ND(0.0000000022)	ND(0.0000000025)
TCDFs (total)	ND(0.0000000024)	ND(0.0000000022)	ND(0.0000000025)
1,2,3,7,8-PeCDF	ND(0.0000000013)	ND(0.0000000044)	ND(0.0000000049)
2,3,4,7,8-PeCDF	ND(0.0000000013)	ND(0.0000000044)	ND(0.0000000049)
PeCDFs (total)	ND(0.0000000018)	ND(0.0000000044)	ND(0.0000000049)
1,2,3,4,7,8-HxCDF	ND(0.0000000019)	ND(0.0000000042)	ND(0.0000000049)
1,2,3,6,7,8-HxCDF	ND(0.00000000073)	ND(0.0000000034)	ND(0.0000000049)
1,2,3,7,8,9-HxCDF	ND(0.00000000094)	ND(0.0000000045)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	ND(0.00000000084)	ND(0.0000000040)	ND(0.0000000049)
HxCDFs (total)	ND(0.0000000019)	ND(0.0000000045)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000021)	ND(0.0000000042)	ND(0.0000000049)
1,2,3,4,7,8,9-HpCDF	ND(0.00000000075)	ND(0.0000000054)	ND(0.0000000049)
HpCDFs (total)	ND(0.0000000021)	ND(0.0000000054)	ND(0.0000000049)
OCDF	ND(0.0000000024)	ND(0.0000000098)	ND(0.0000000098)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-8 10/05/04	OPCA-MW-8 04/06/05	OPCA-MW-8 10/13/05
Dioxins			
2,3,7,8-TCDD	ND(0.00000000087)	ND(0.0000000036)	ND(0.0000000031)
TCDDs (total)	ND(0.00000000087)	ND(0.0000000036)	ND(0.0000000031)
1,2,3,7,8-PeCDD	ND(0.0000000022)	ND(0.0000000066)	ND(0.0000000049)
PeCDDs (total)	ND(0.0000000022)	ND(0.0000000066)	ND(0.0000000049)
1,2,3,4,7,8-HxCDD	ND(0.0000000012)	ND(0.0000000063)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	ND(0.00000000095)	ND(0.0000000048)	ND(0.0000000049)
1,2,3,7,8,9-HxCDD	ND(0.00000000099)	ND(0.0000000052)	ND(0.0000000049)
HxCDDs (total)	ND(0.0000000012)	ND(0.0000000063)	ND(0.0000000049)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000011)	ND(0.0000000060)	ND(0.0000000049)
HpCDDs (total)	ND(0.0000000011)	ND(0.0000000060)	ND(0.0000000049)
OCDD	ND(0.0000000068)	ND(0.000000019)	ND(0.000000039)
Total TEQs (WHO TEFs)	0.0000000024	0.0000000081	0.0000000073
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	ND(5.00)	ND(5.0)	ND(5.00)
Thallium	NA	NA	NA
Vanadium	NA	NA	NA
Zinc	NA	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100) J	ND(0.0100)	ND(0.0100)
Barium	0.0340 B	0.00950 B	0.00770 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.00300 B	ND(0.010)	0.000760 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.025)	ND(0.0250)
Cyanide	ND(0.0100)	0.00140 B	ND(0.01)
Lead	ND(0.00300) J	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	0.00240 B	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Silver	ND(0.00500)	ND(0.0050)	ND(0.00500)
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.020)	0.0480	ND(0.0200)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GROUNDWATER MANAGEMENT AREA *4*
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and 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, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
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.

Historical Groundwater Data

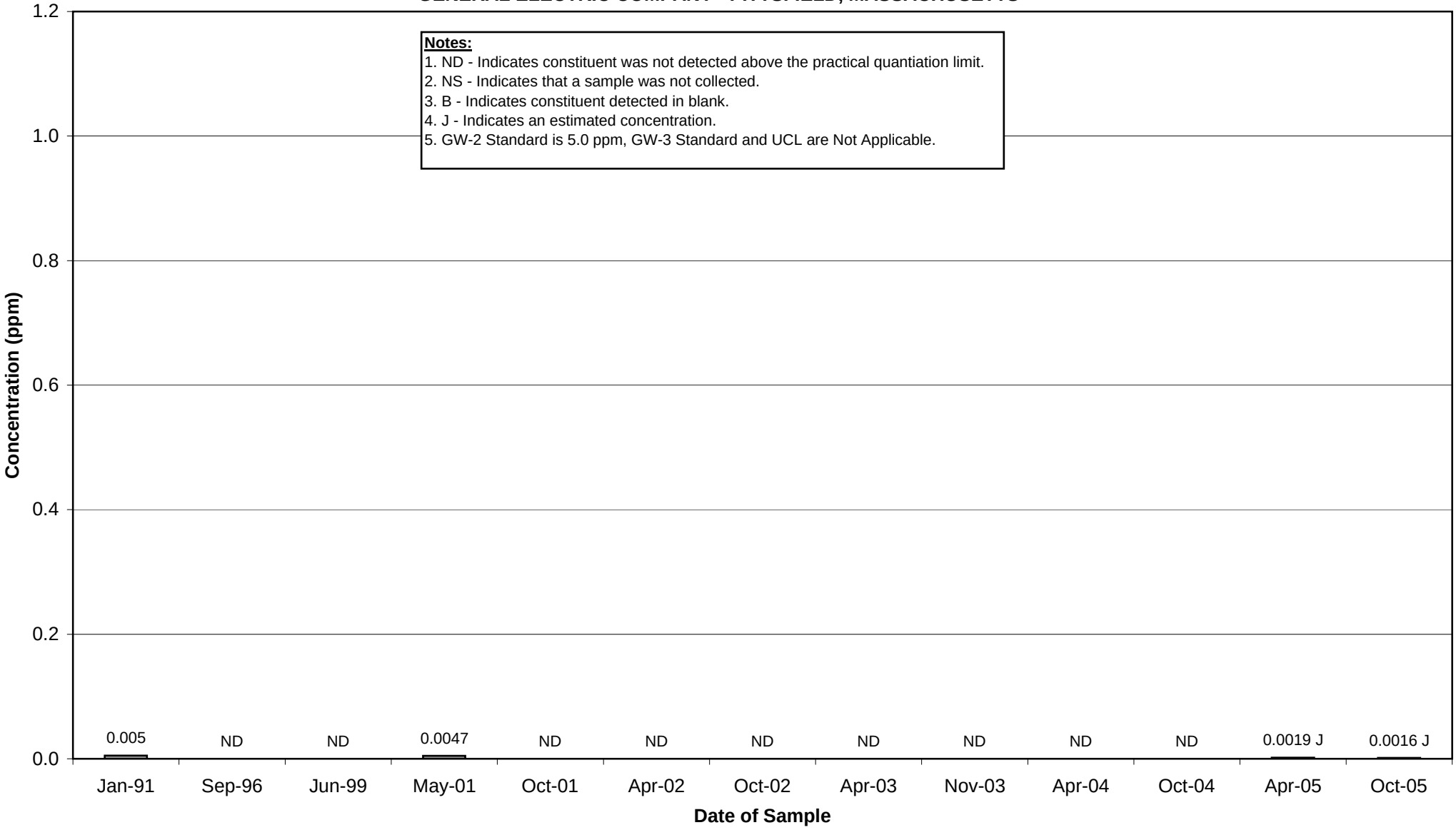
Total VOC Concentrations – All Wells

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

APPENDIX B
WELL 78-1 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



2/28/2006

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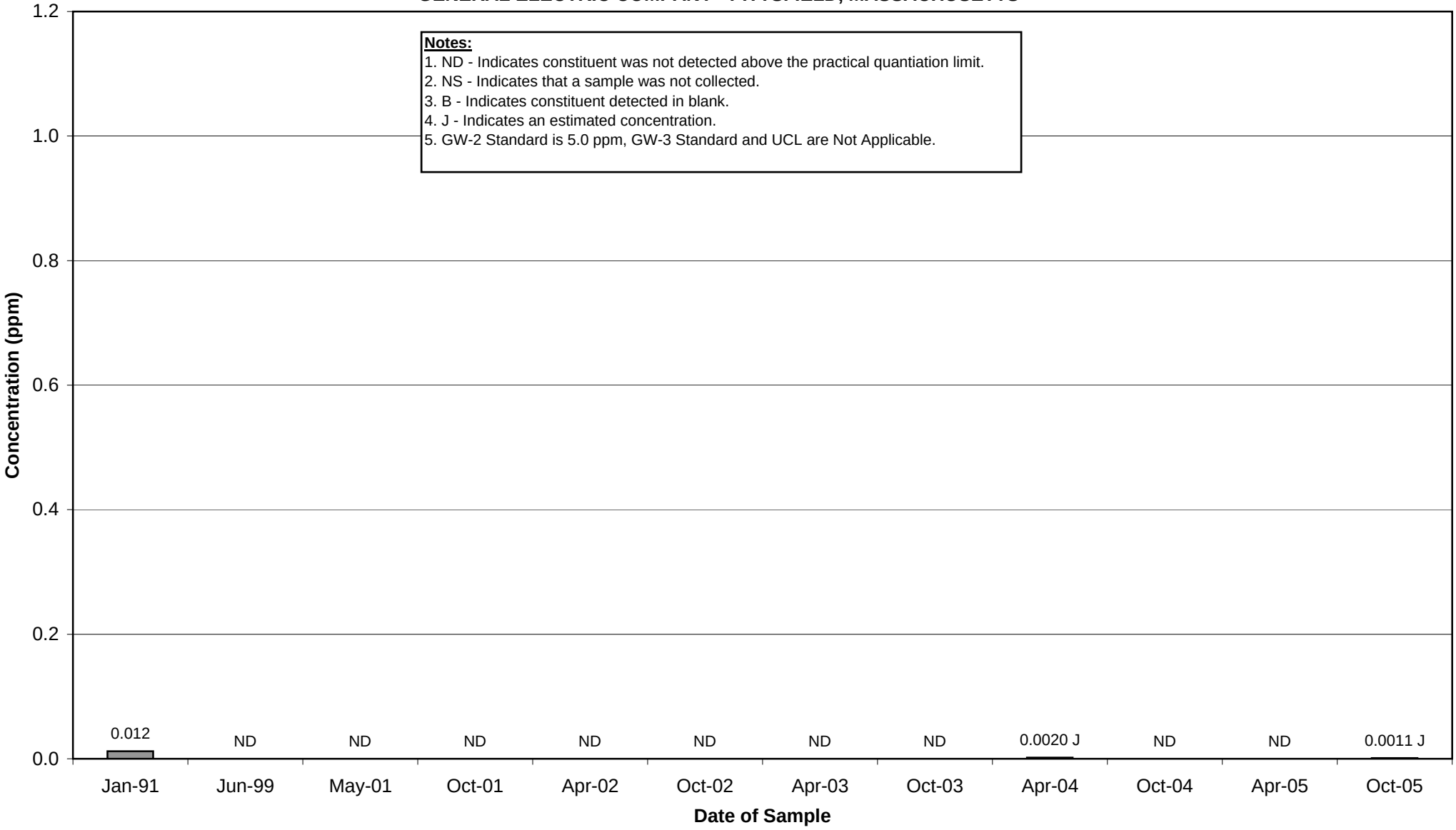
APPENDIX B
WELL 78-6 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



2/28/2006

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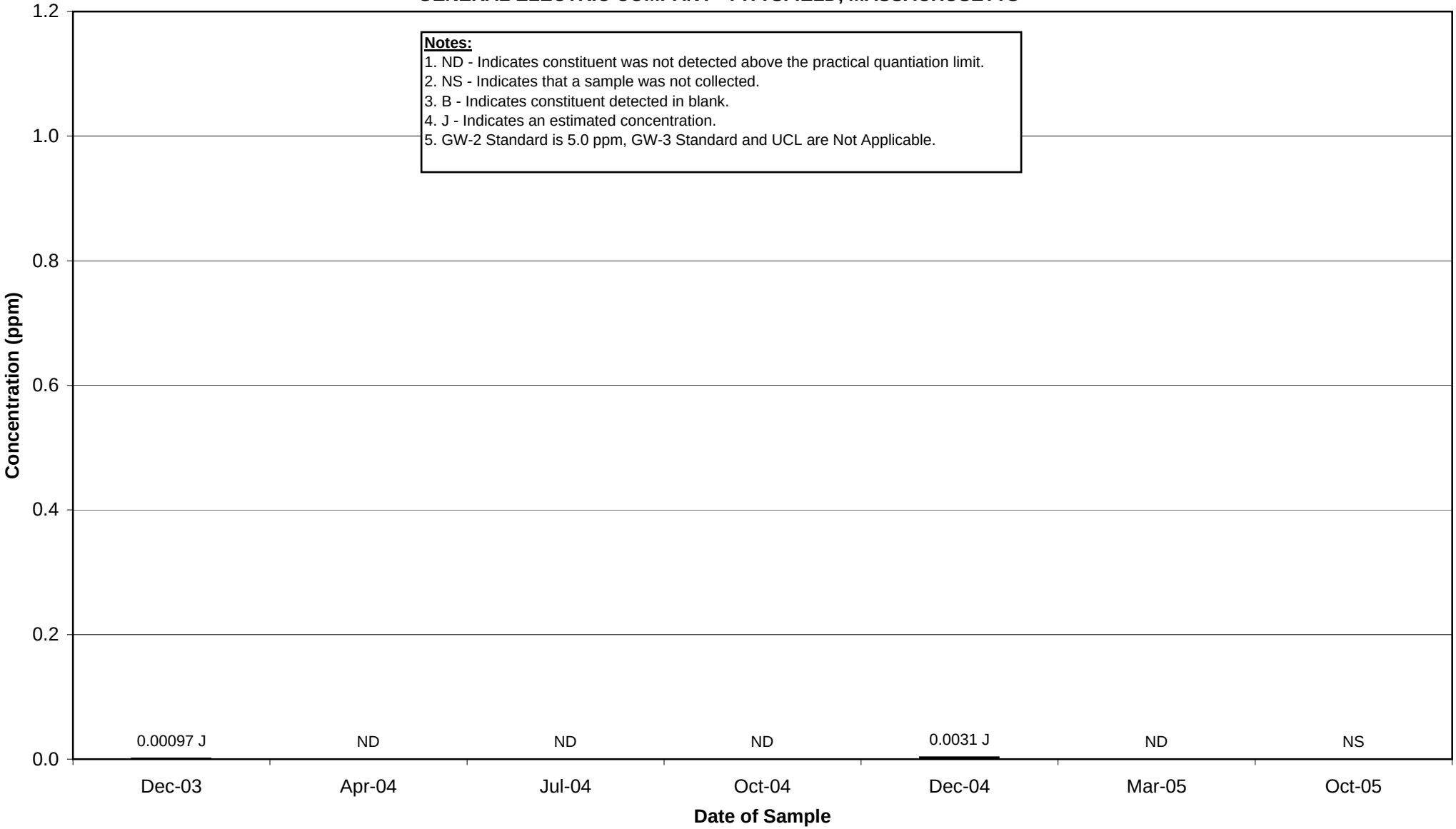
APPENDIX B
WELL GMA4-5 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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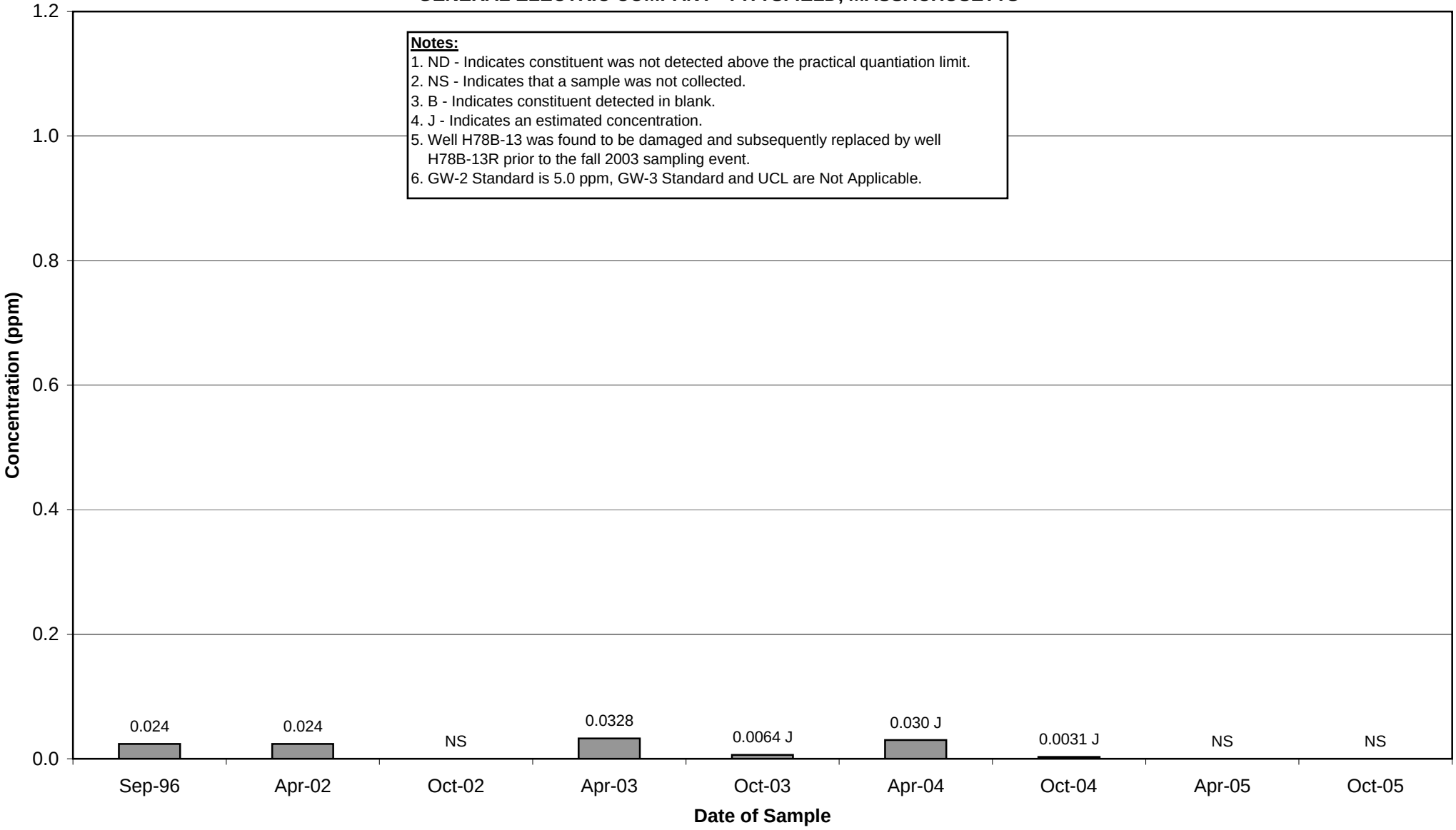
APPENDIX B
WELL H78B-13 & H78B-13R HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



2/28/2006

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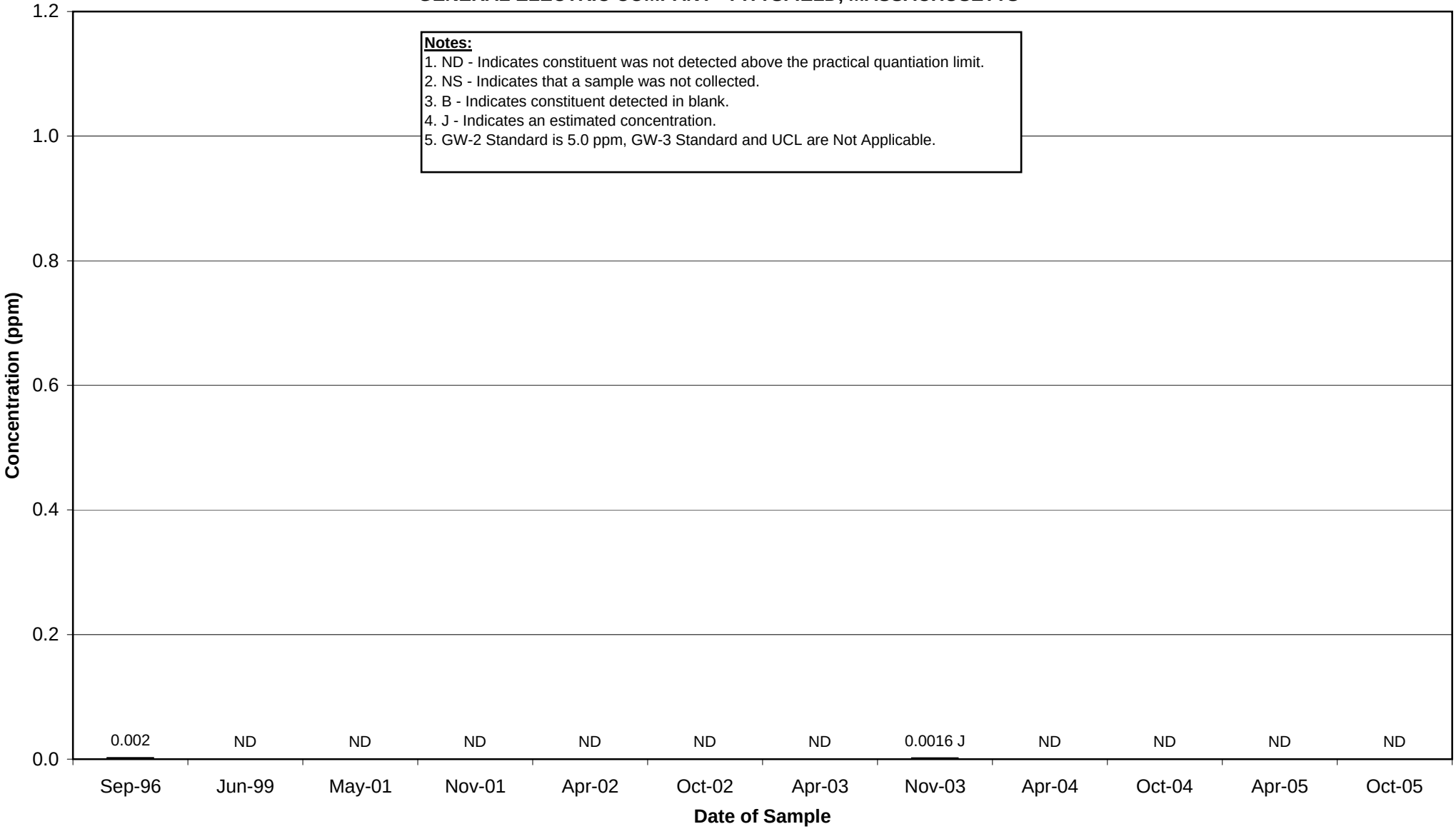
APPENDIX B
WELL H78B-15 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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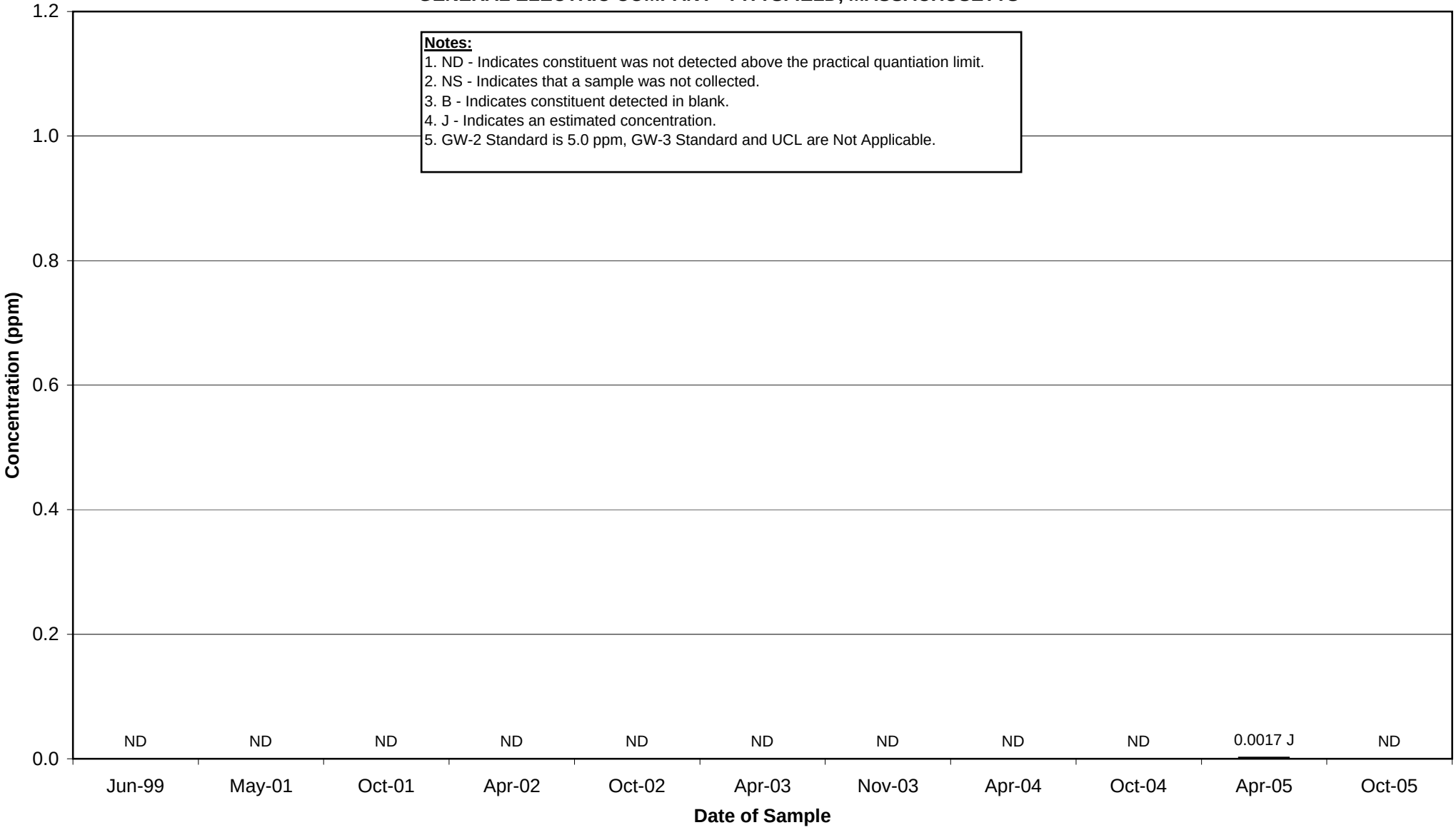
APPENDIX B
WELL OPCA-MW-1 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



2/28/2006

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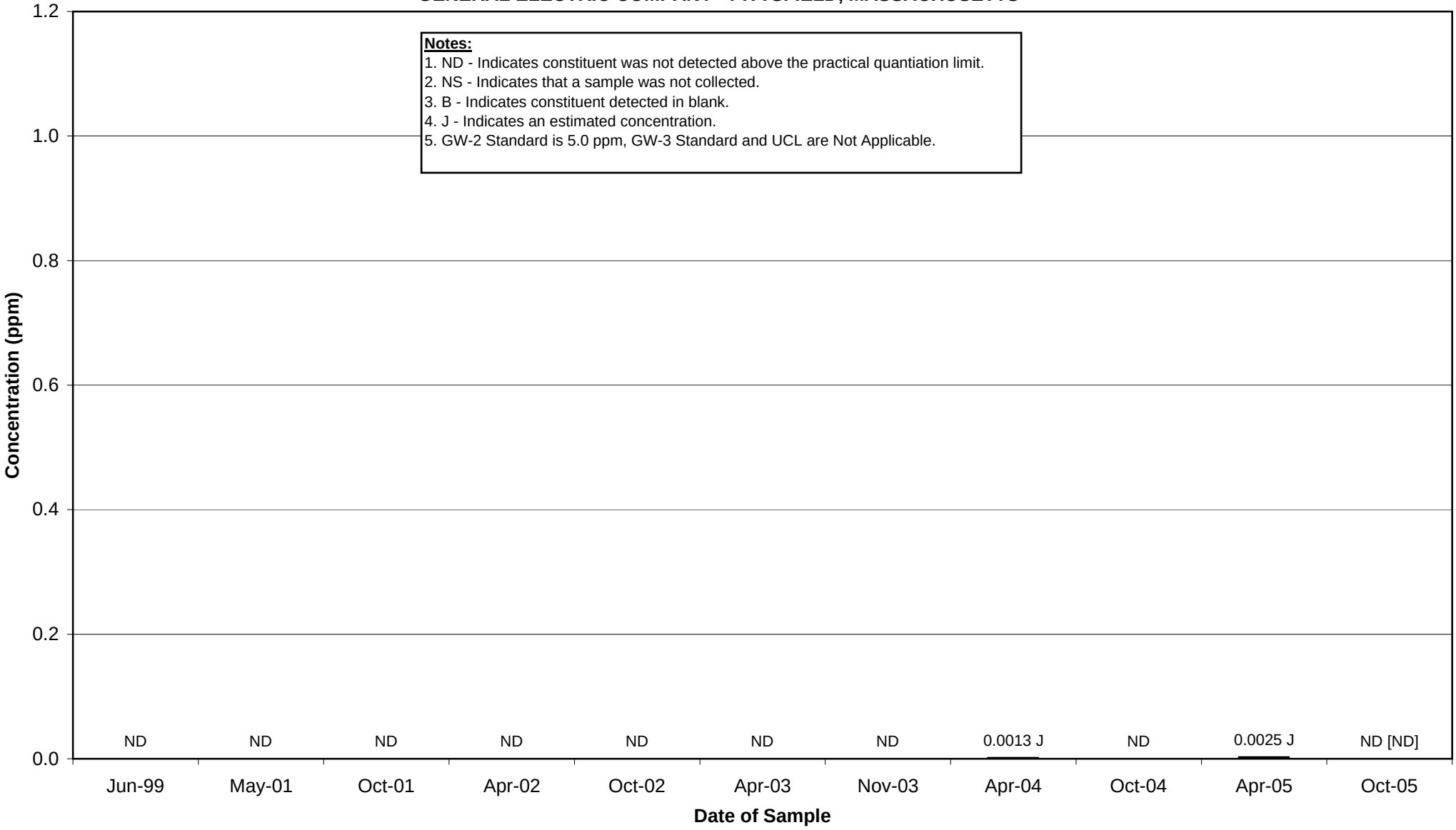
APPENDIX B
WELL OPCA-MW-2 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



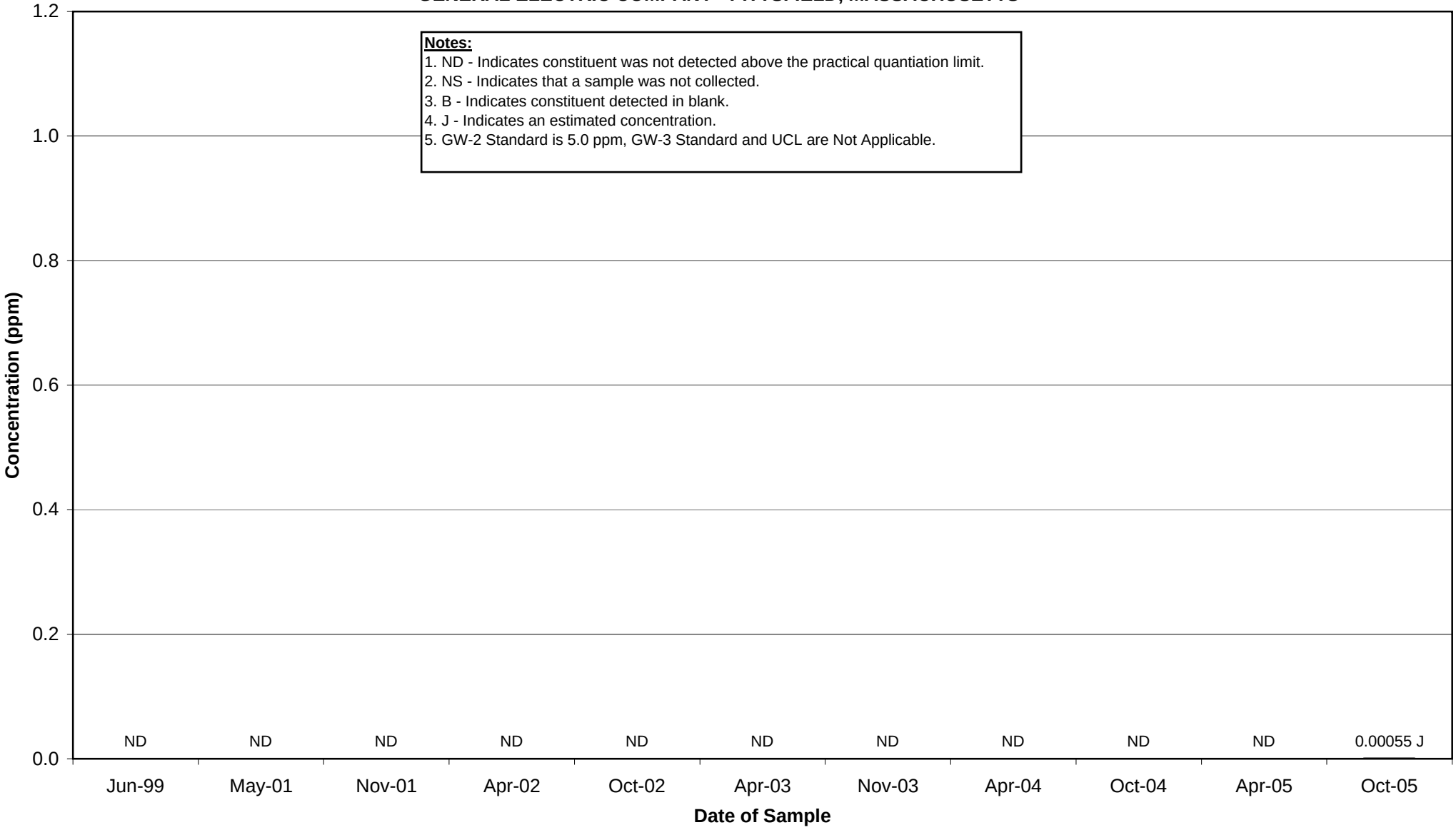
2/28/2006

V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_VOC.xls\OPCA-MW-2

APPENDIX B
WELL OPCA-MW-3 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



2/28/2006

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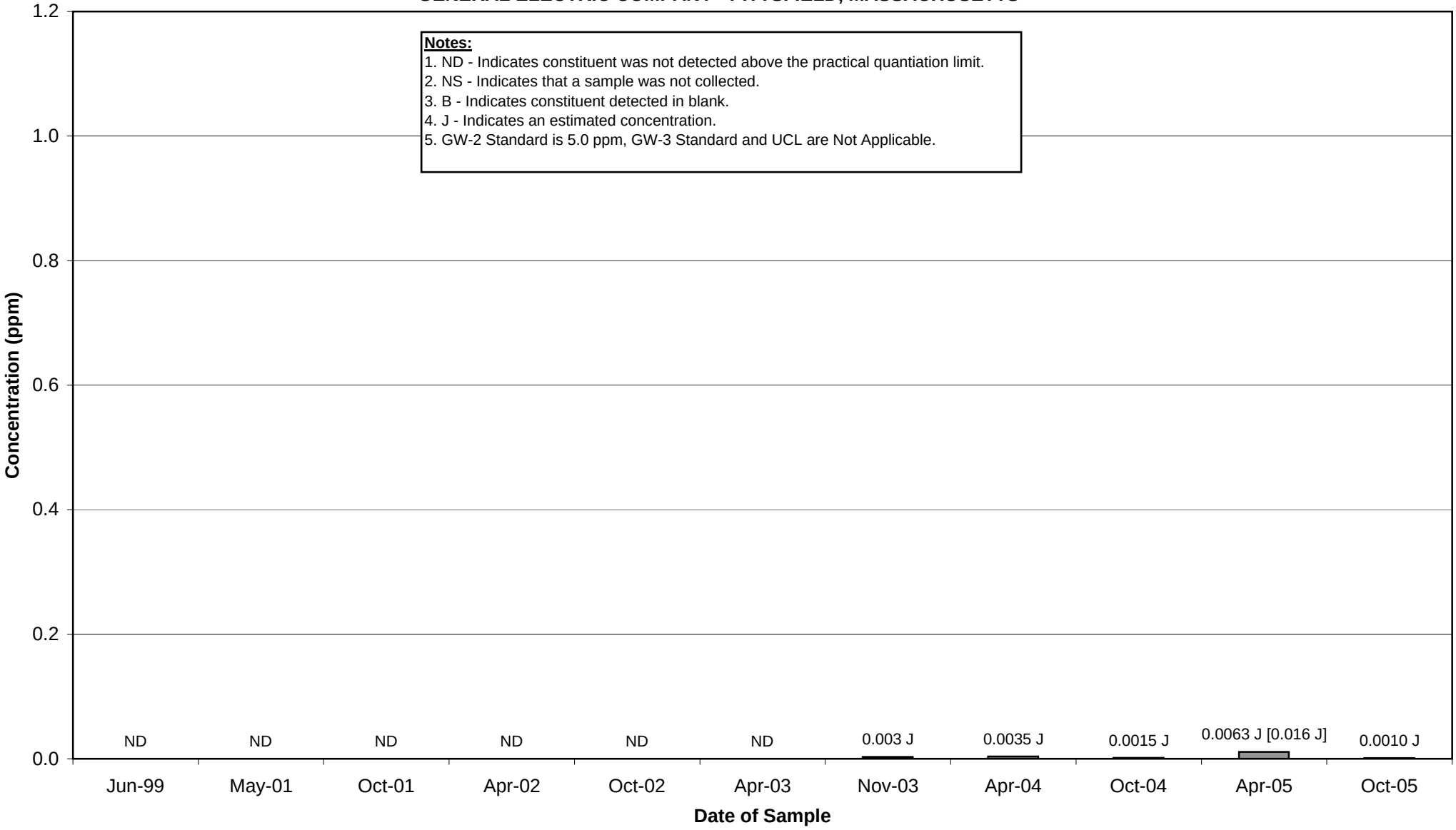
APPENDIX B
WELL OPCA-MW-4 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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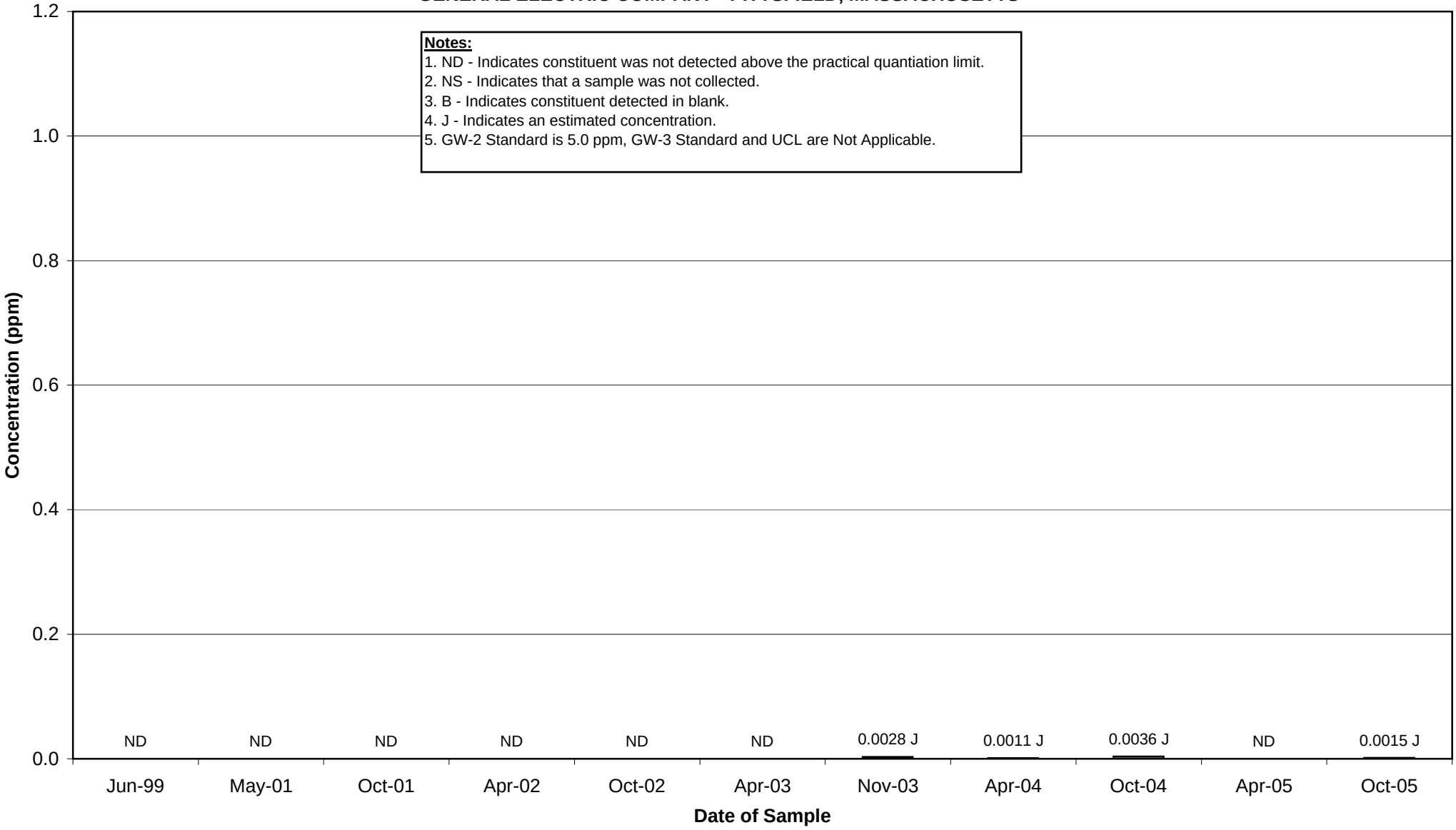
APPENDIX B
WELL OPCA-MW-5R HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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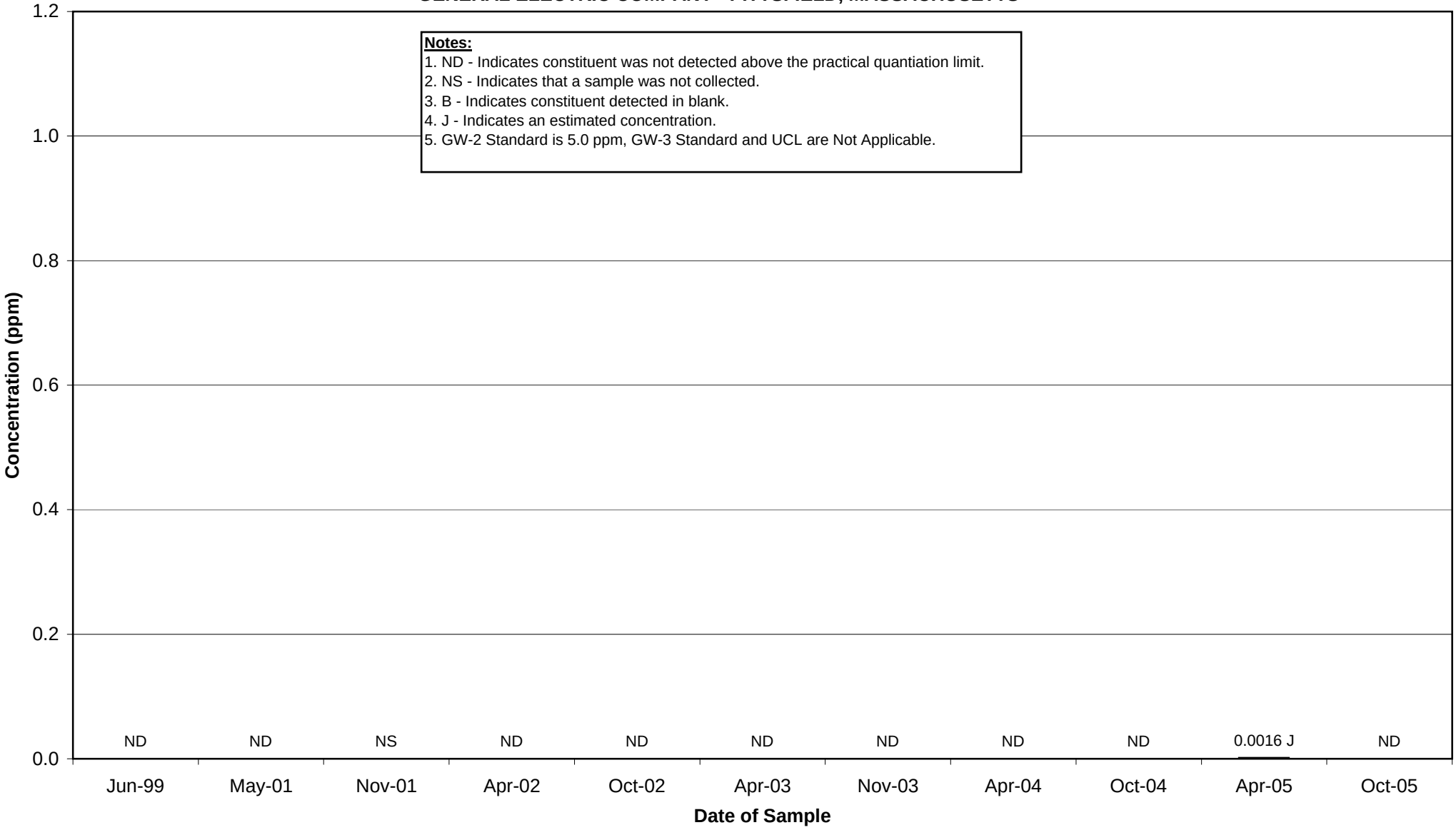
APPENDIX B
WELL OPCA-MW-6 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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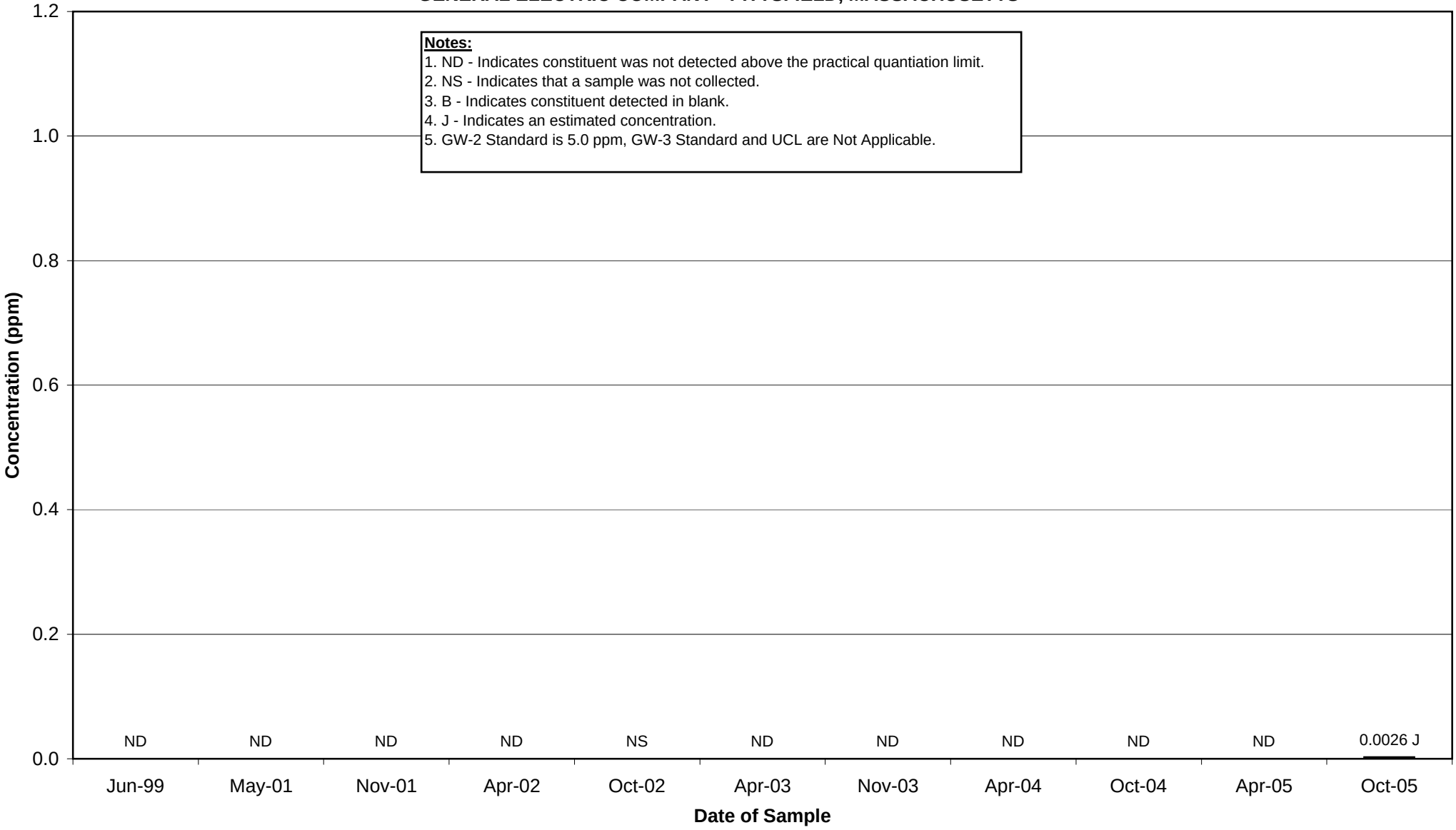
APPENDIX B
WELL OPCA-MW-7 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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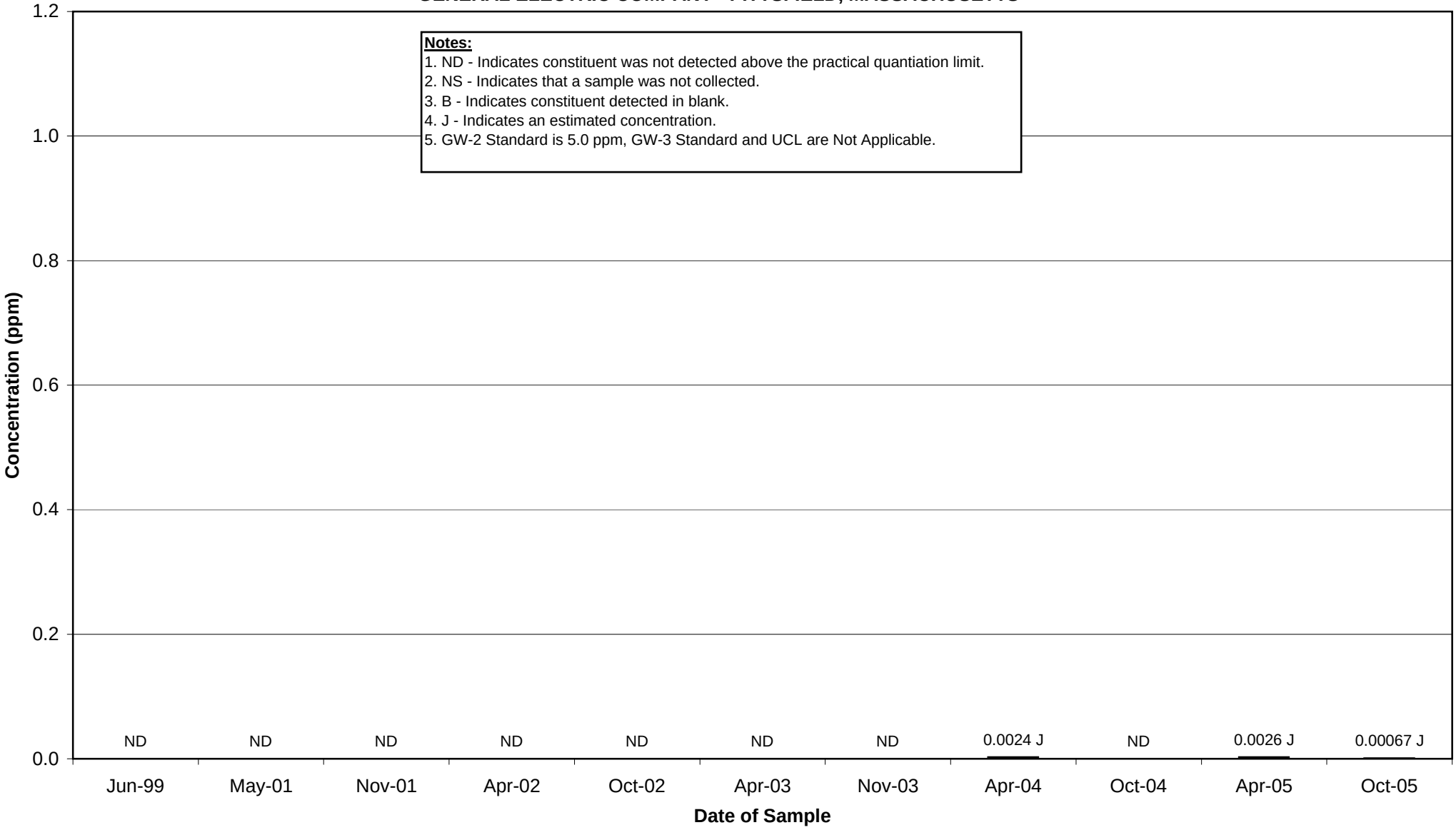
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_VOC.xls\OPCA-MW-7

APPENDIX B
WELL OPCA-MW-8 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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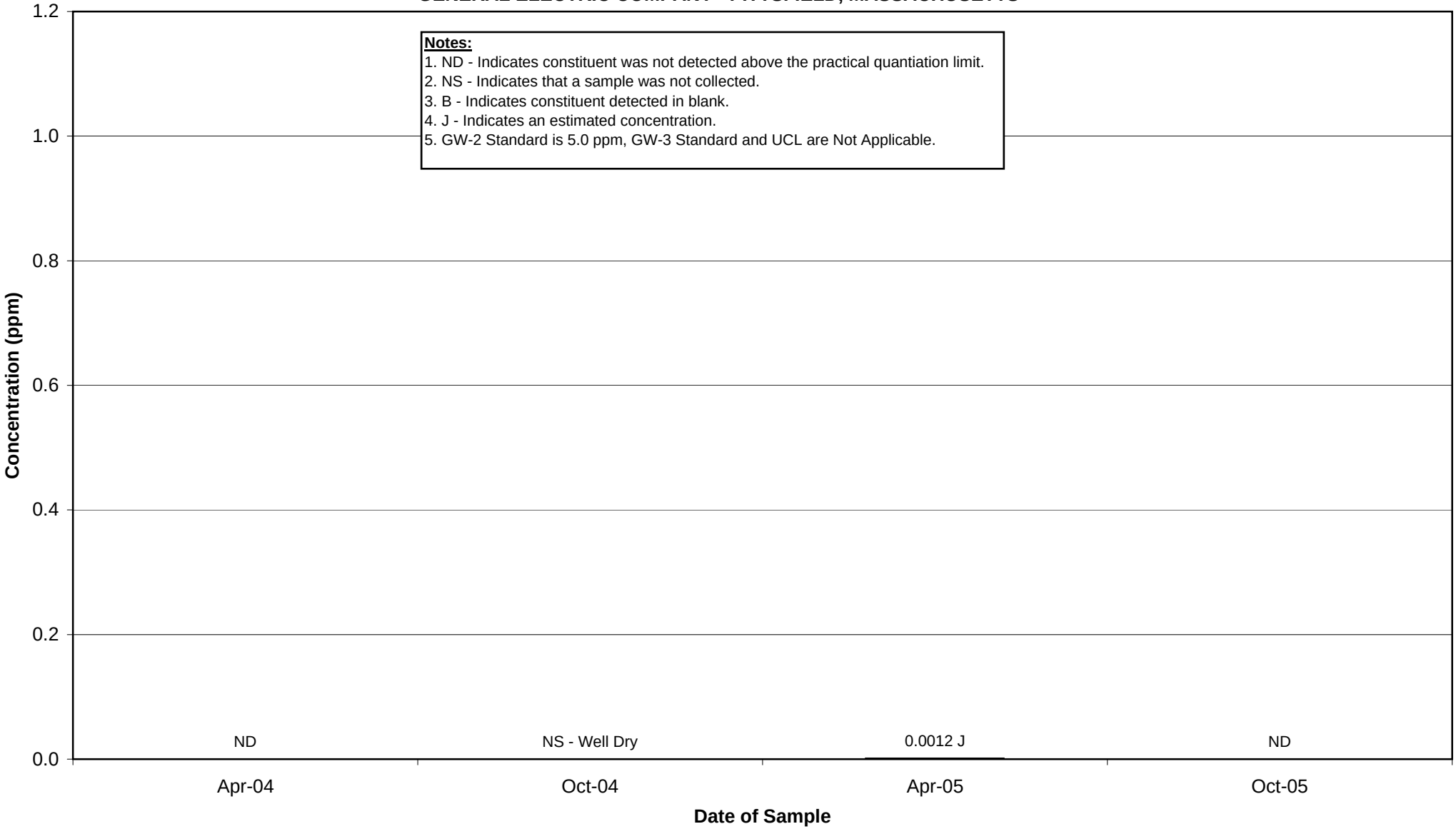
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_VOC.xls\OPCA-MW-8

APPENDIX B
WELL UB-MW-5 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_VOC.xls\UB-MW-5

Historical Groundwater Data

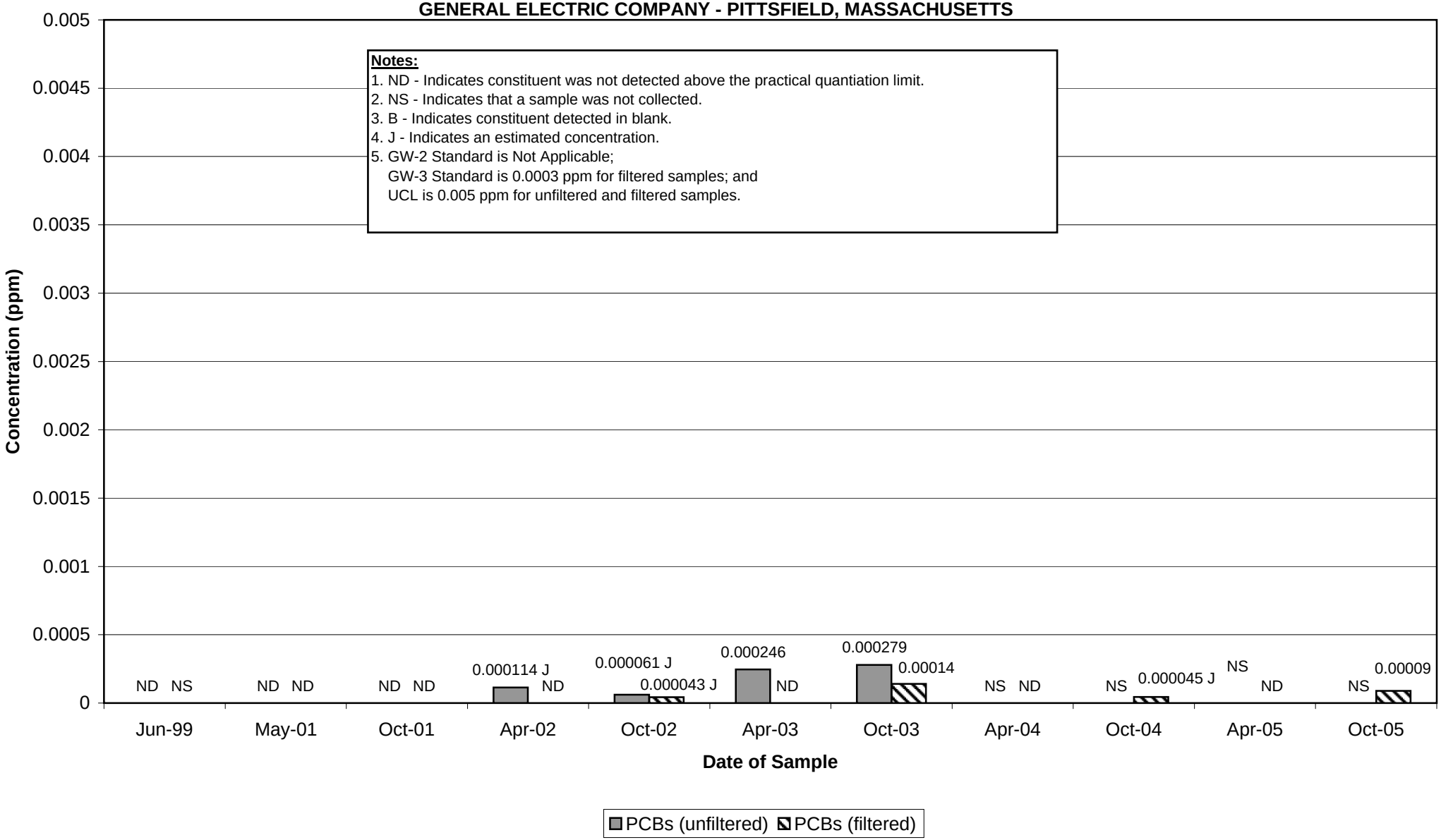
Total PCB Concentrations – All Wells

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

APPENDIX B
WELL 78-1 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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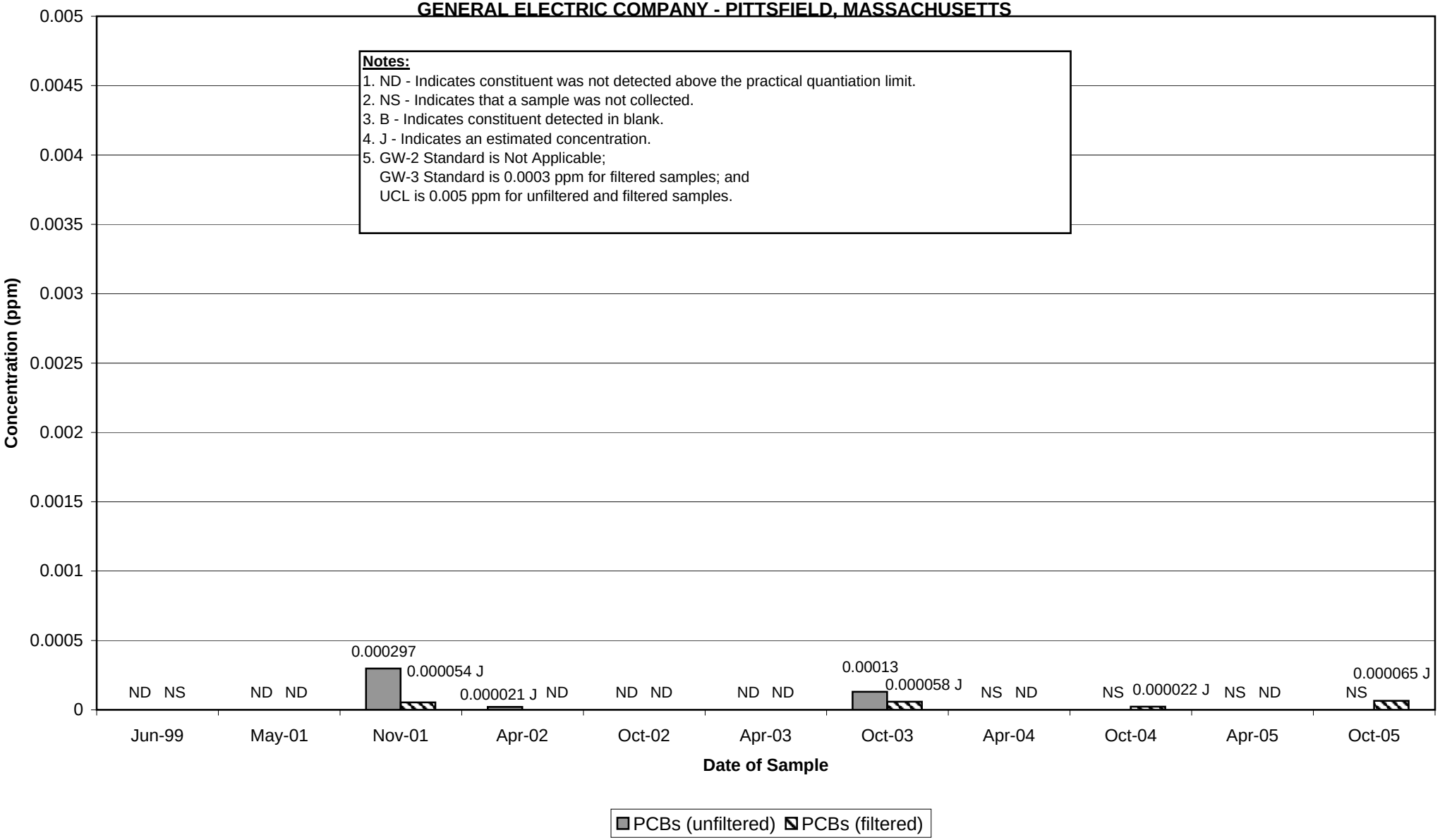
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\78-1

APPENDIX B
WELL 78-6 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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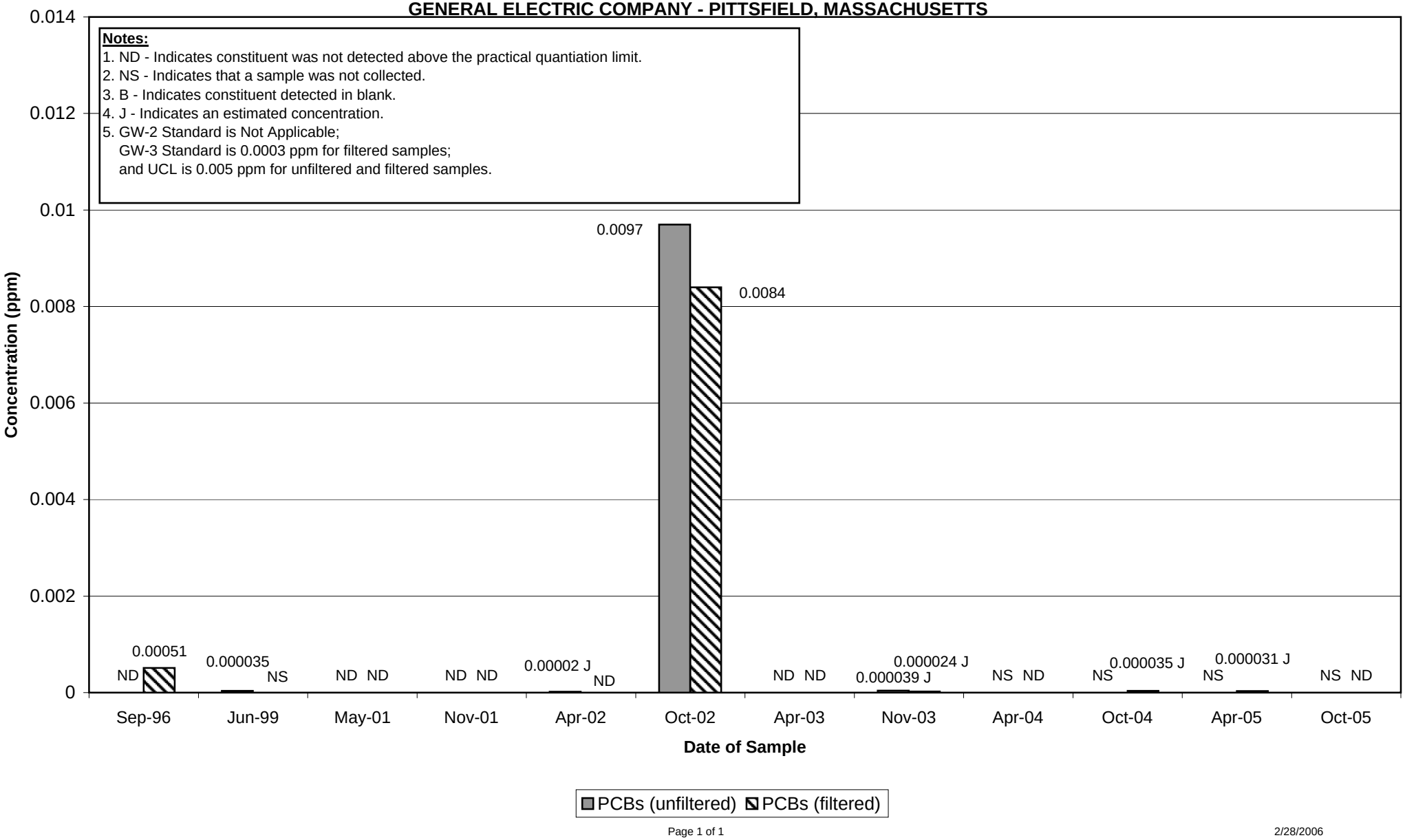
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\78-6

APPENDIX B
WELL H78B-15 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



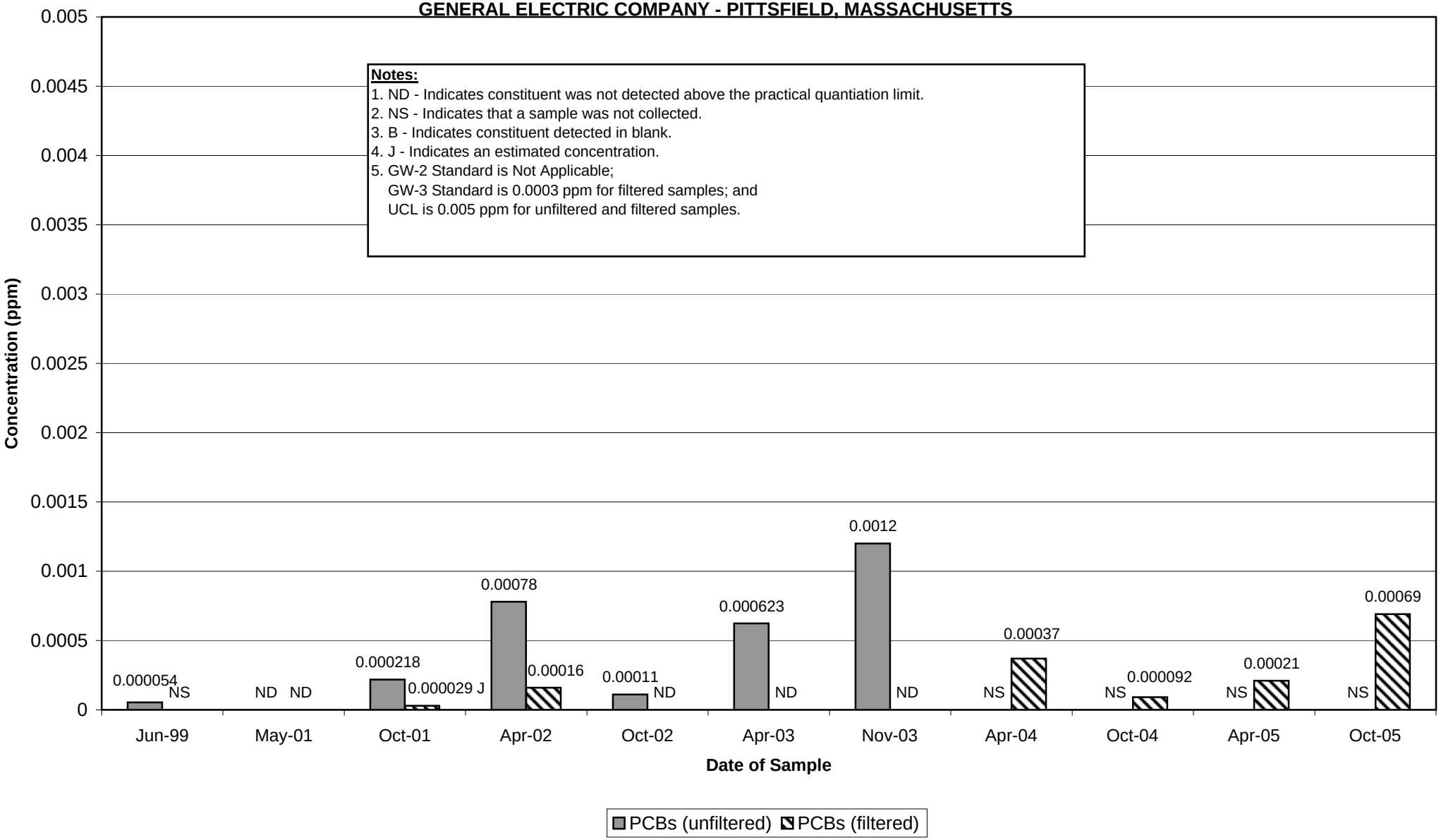
2/28/2006

V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\H78B-15

APPENDIX B
WELL OPCA-MW-1 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



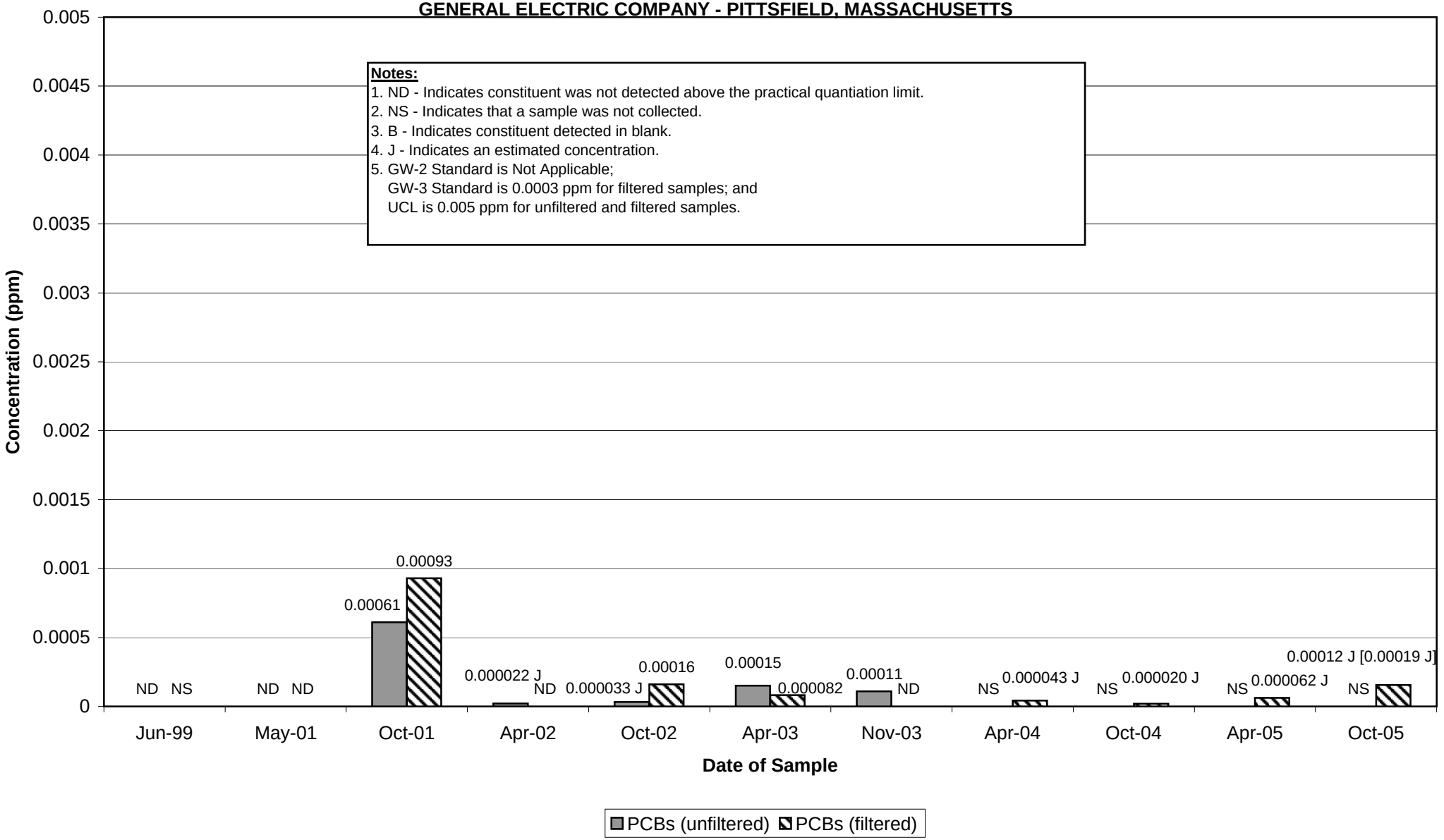
2/28/2006

V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-1

APPENDIX B
WELL OPCA-MW-2 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



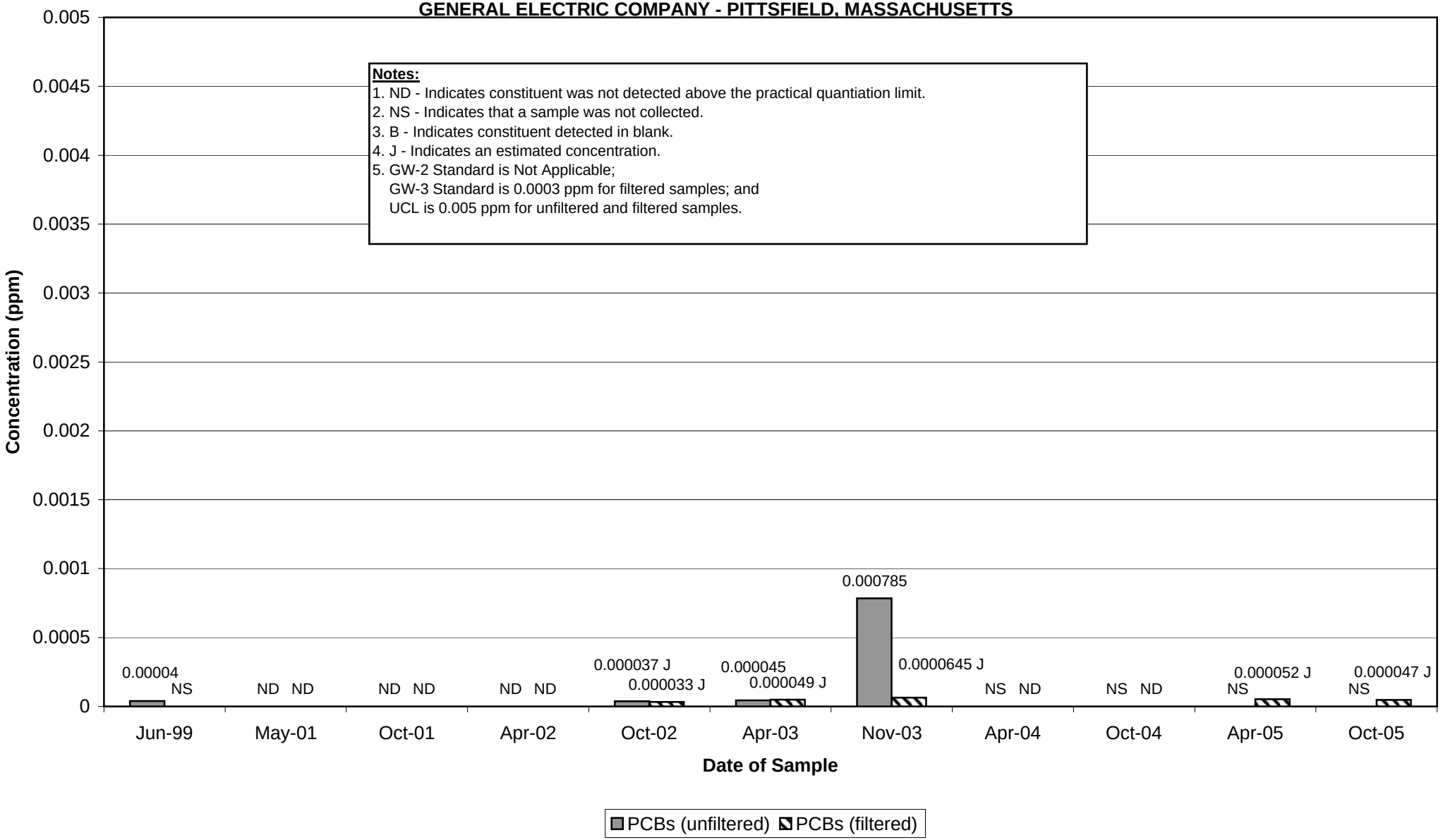
2/28/2006

V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-2

APPENDIX B
WELL OPCA-MW-3 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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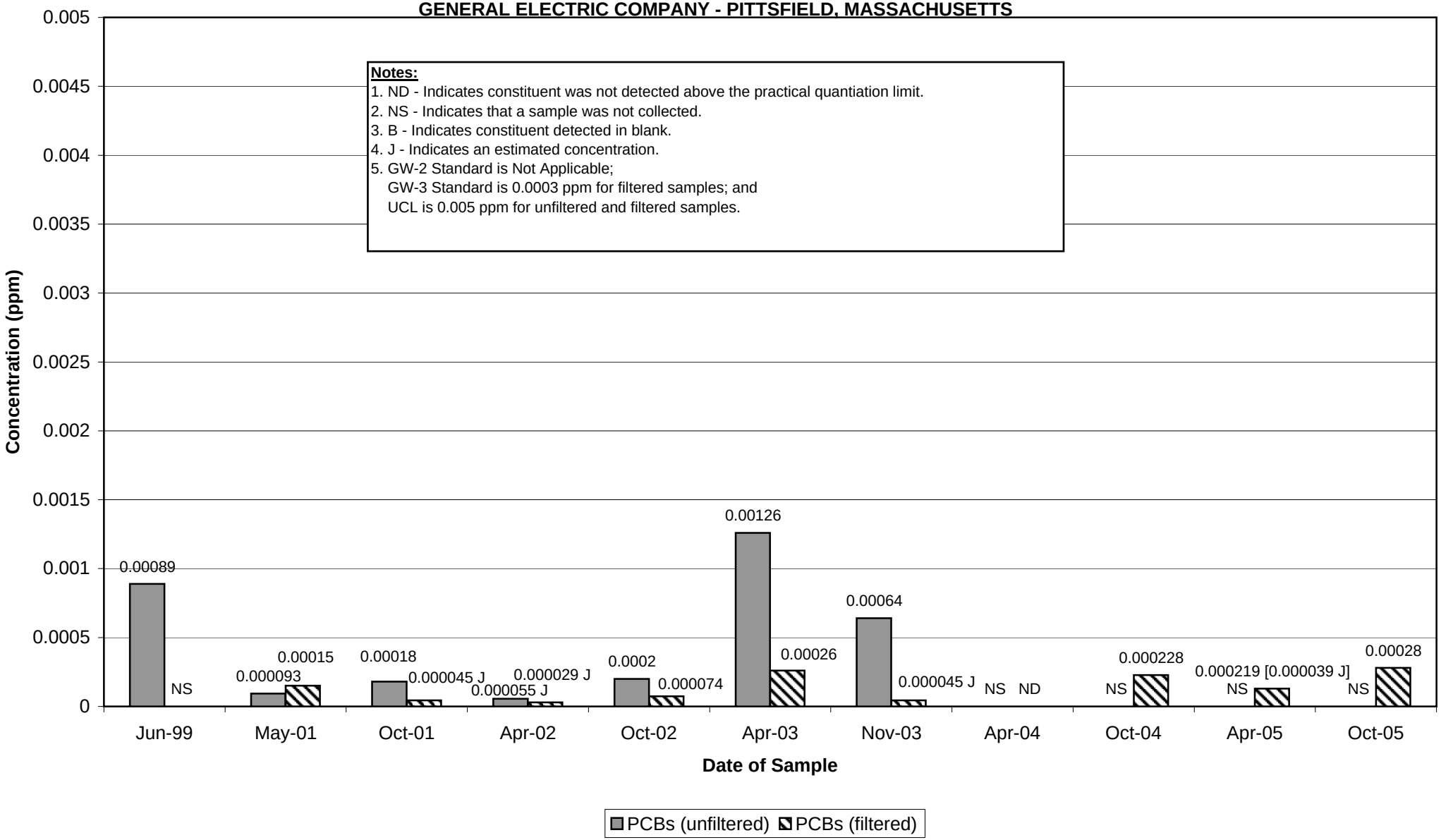
APPENDIX B
WELL OPCA-MW-4 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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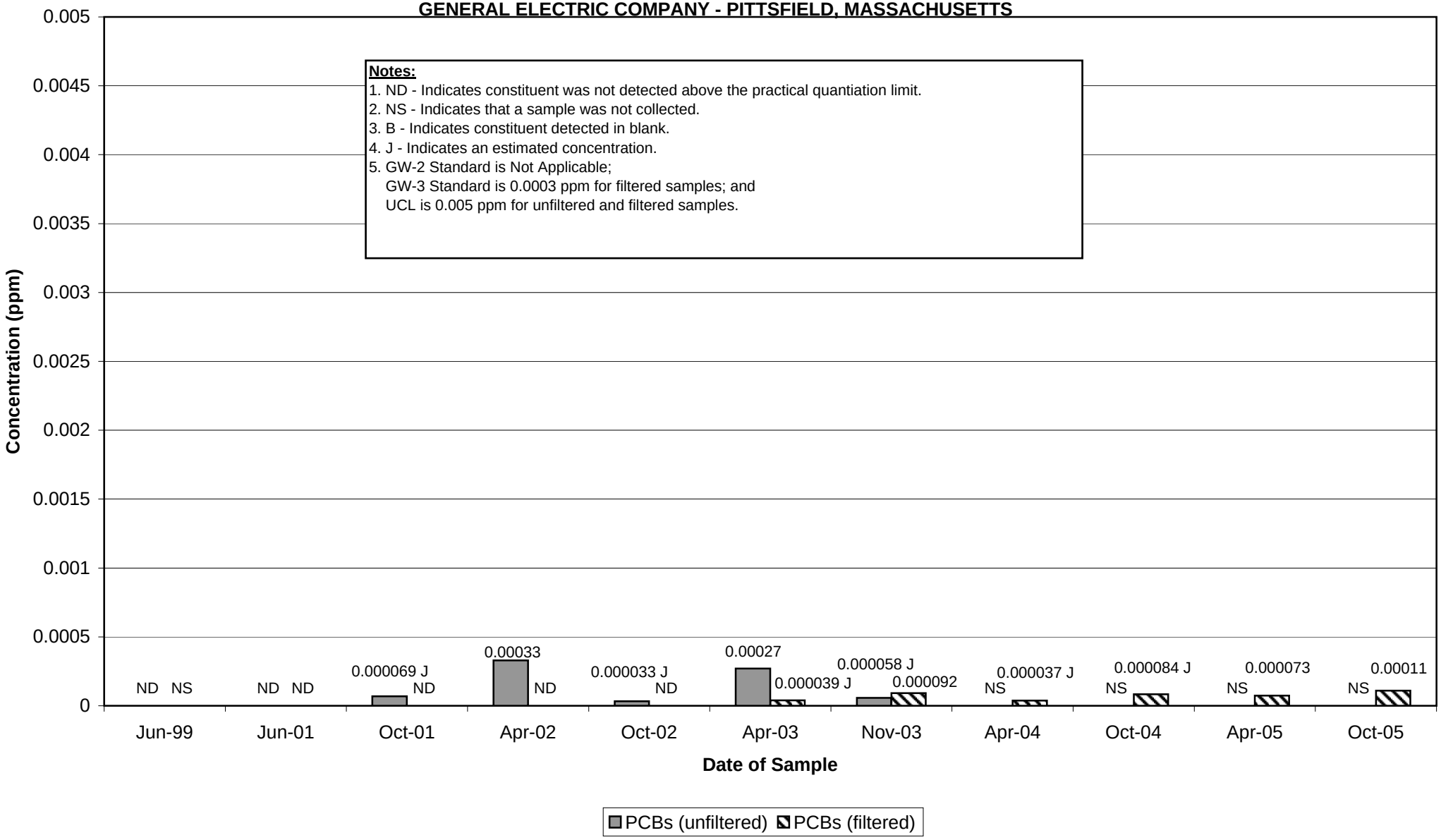
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-4

APPENDIX B
WELL OPCA-MW-5R HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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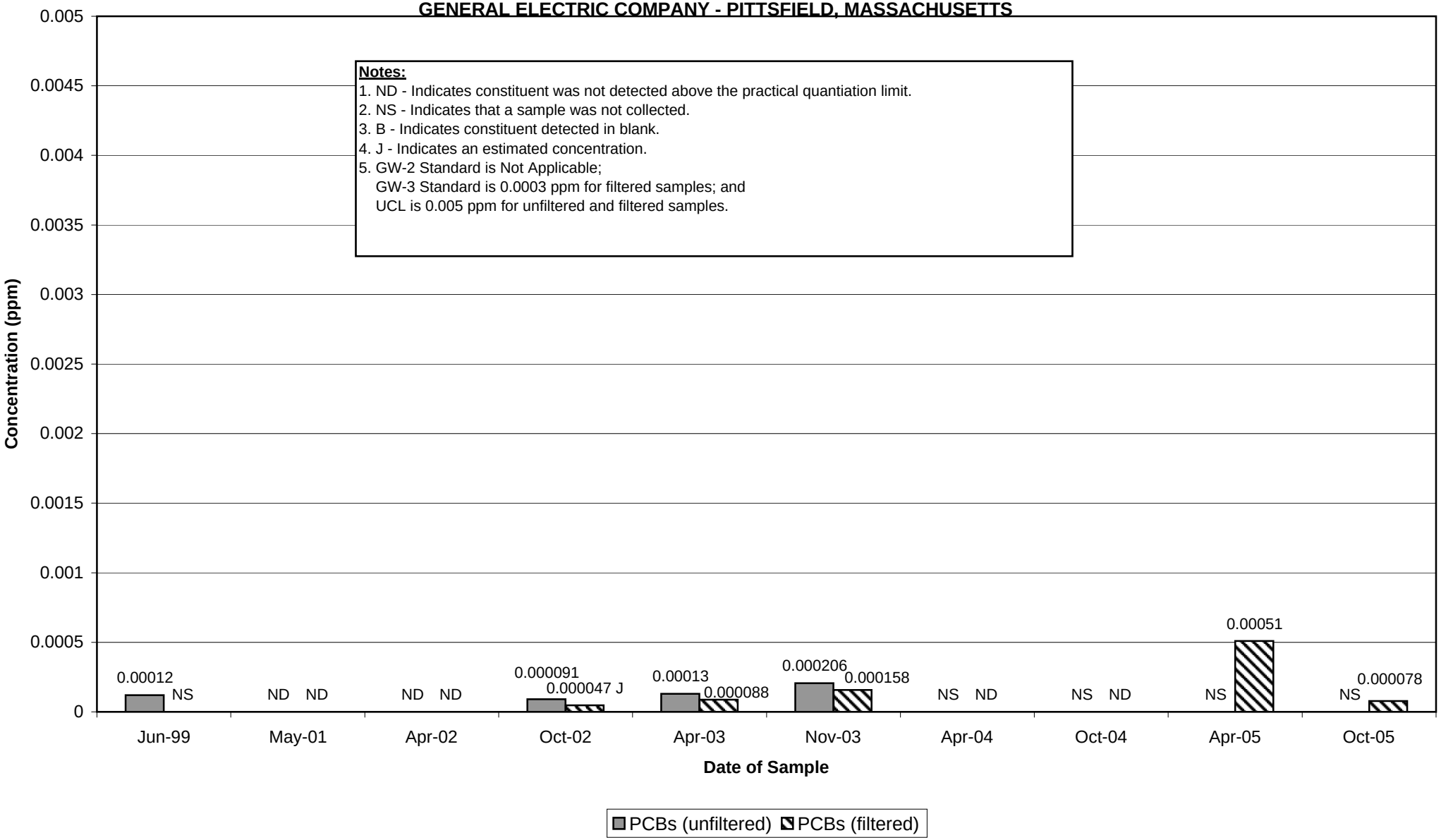
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-5R

APPENDIX B
WELL OPCA-MW-6 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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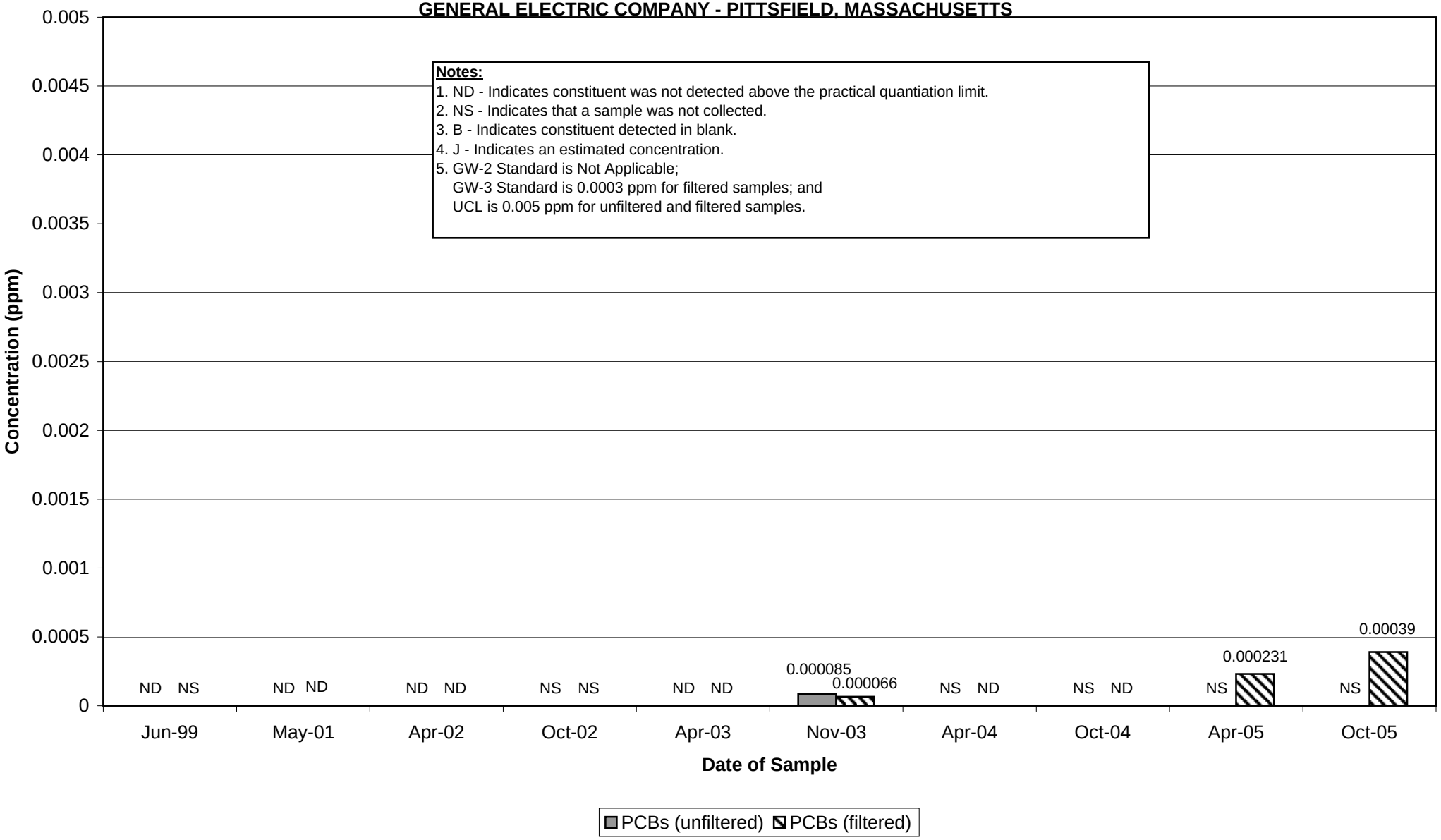
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-6

APPENDIX B
WELL OPCA-MW-7 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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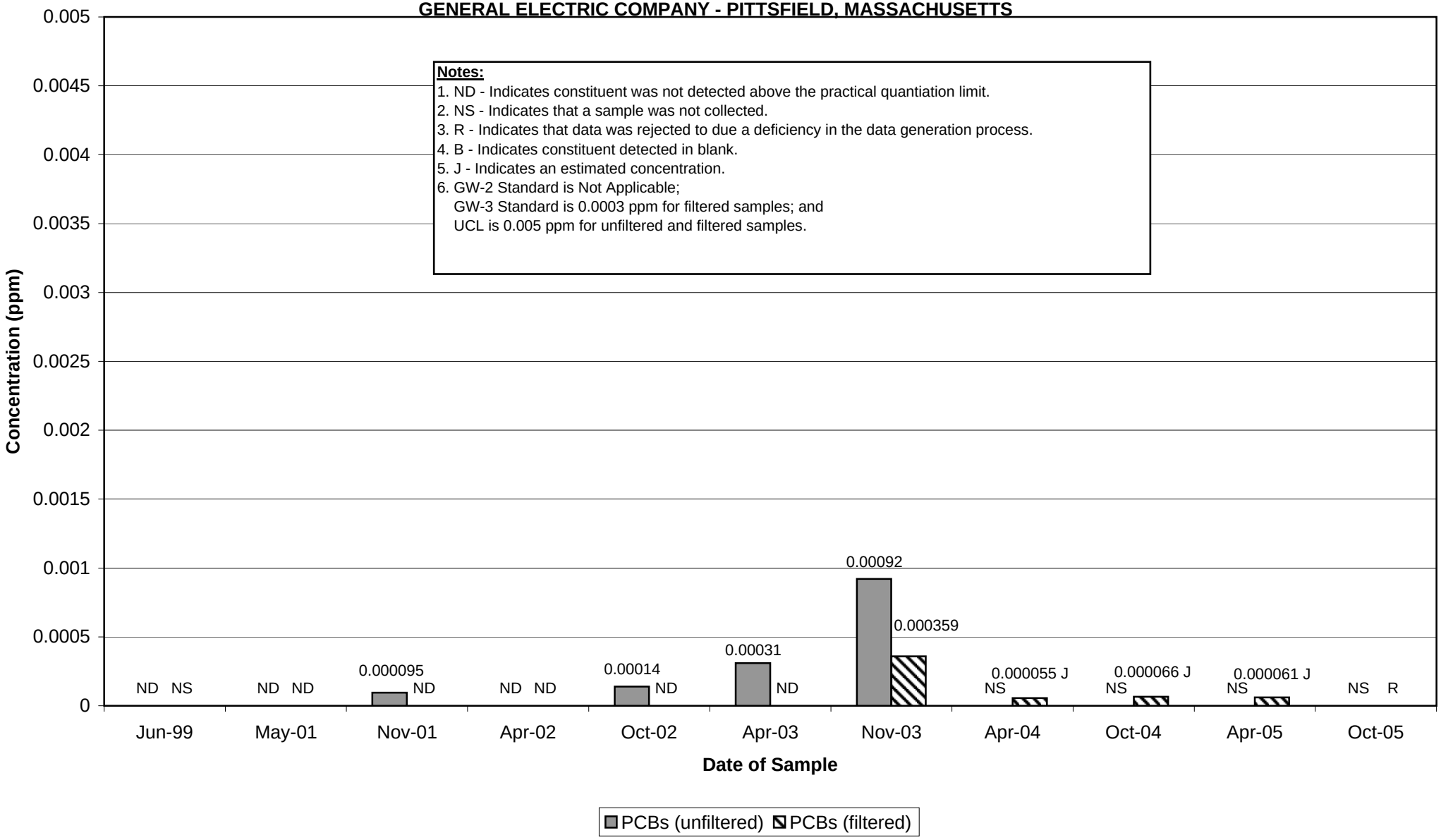
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-7

APPENDIX B
WELL OPCA-MW-8 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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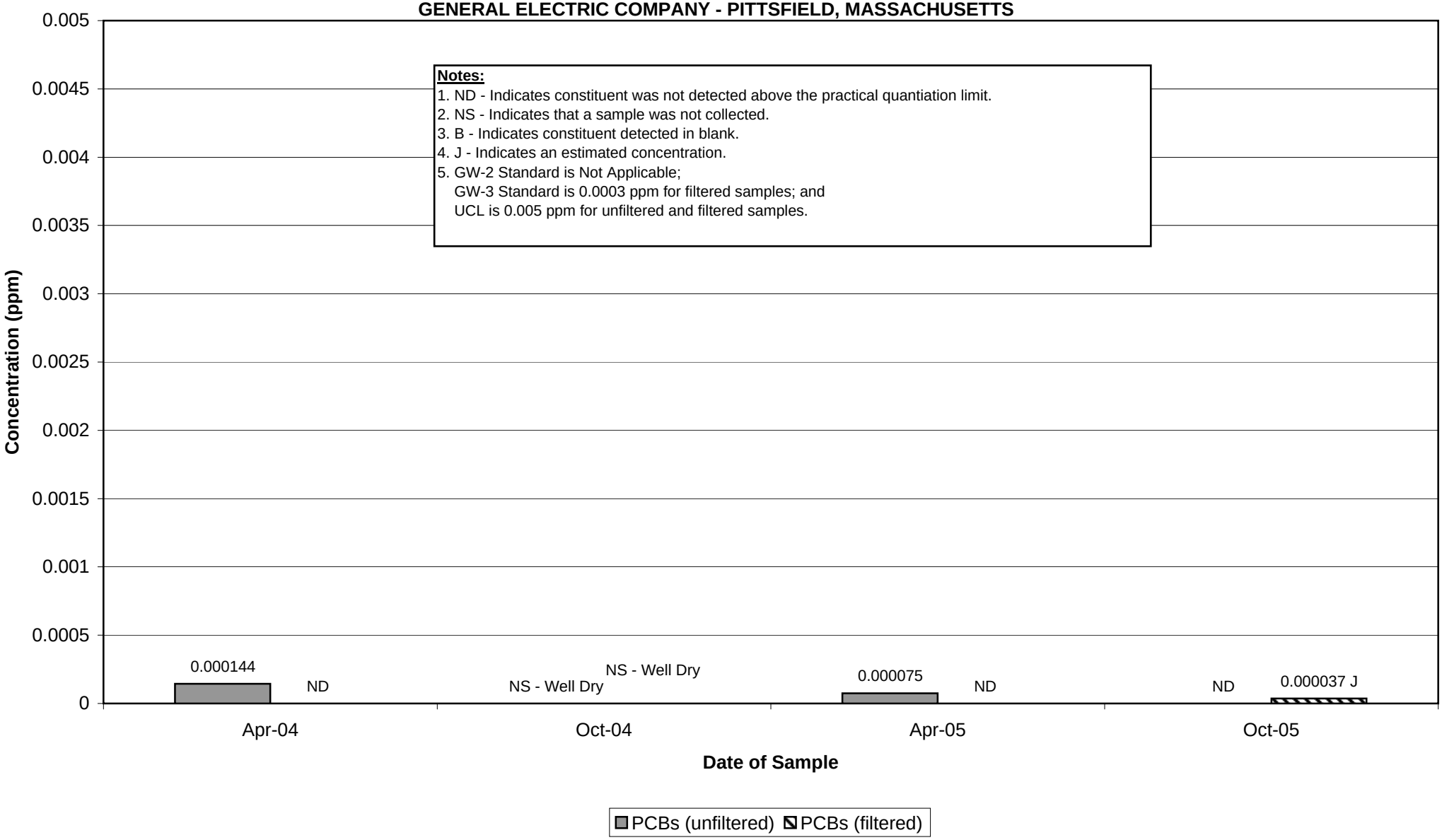
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\OPCA-MW-8

APPENDIX B
WELL UB-MW-5 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_PCB.xls\UB-MW-5

Historical Groundwater Data

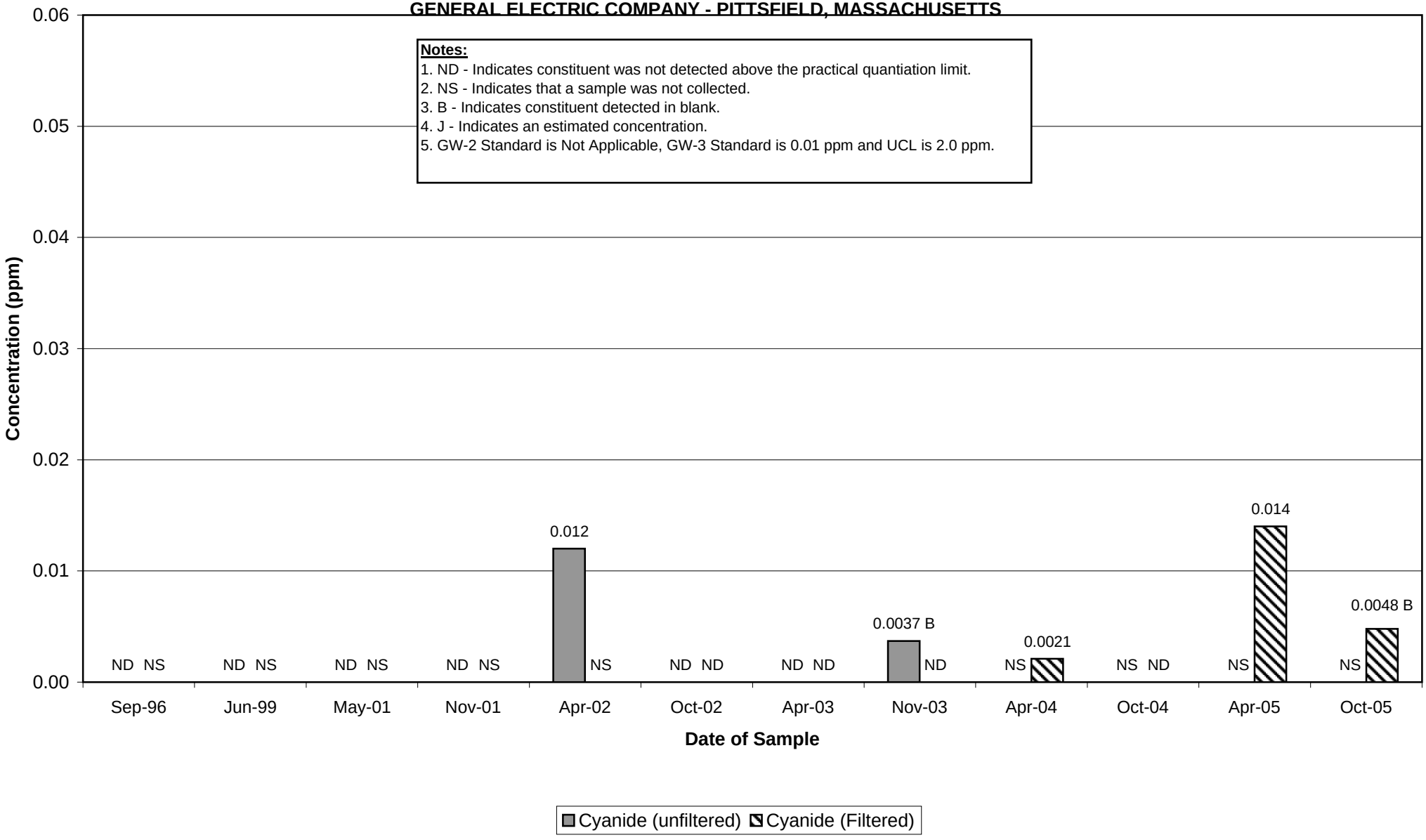
Cyanide Concentrations – Selected Wells

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

APPENDIX B
WELL H78B-15 HISTORICAL CYANIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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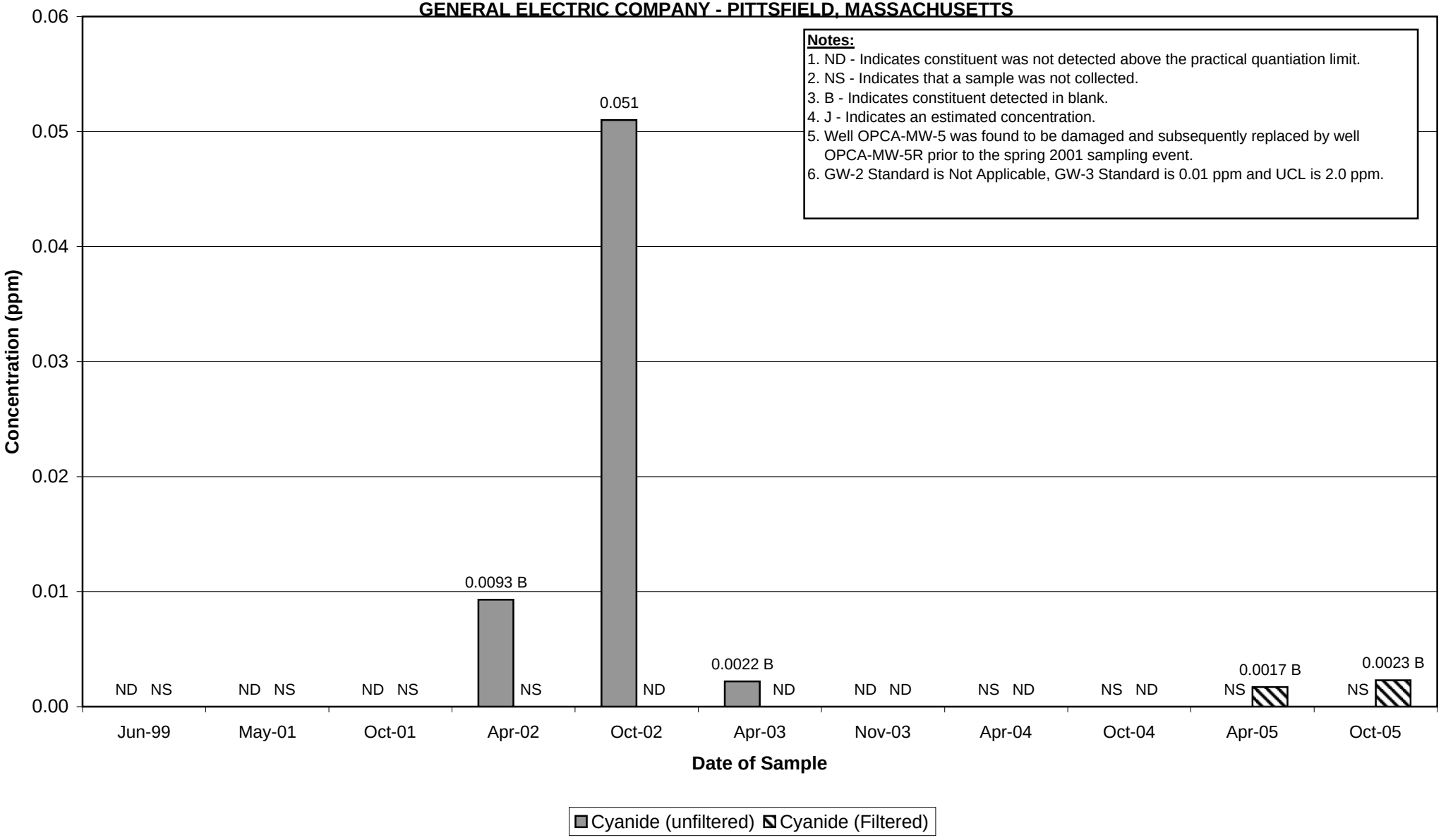
V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_ConstGraphs.xls\H78B-15 CN

APPENDIX B
WELL OPCA-MW-5 & OPCA-MW-5R HISTORICAL CYANIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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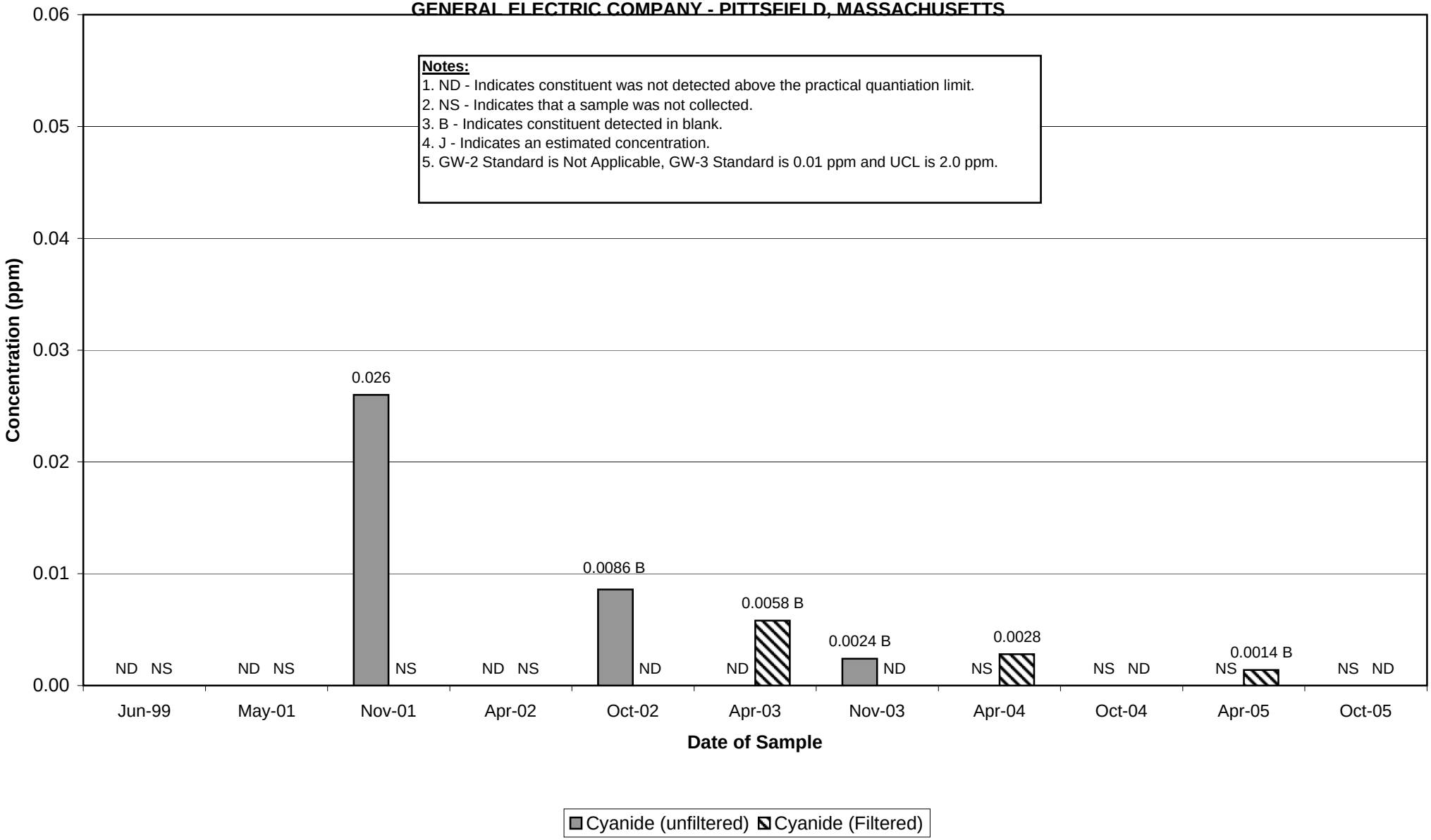
APPENDIX B
WELL OPCA-MW-8 HISTORICAL CYANIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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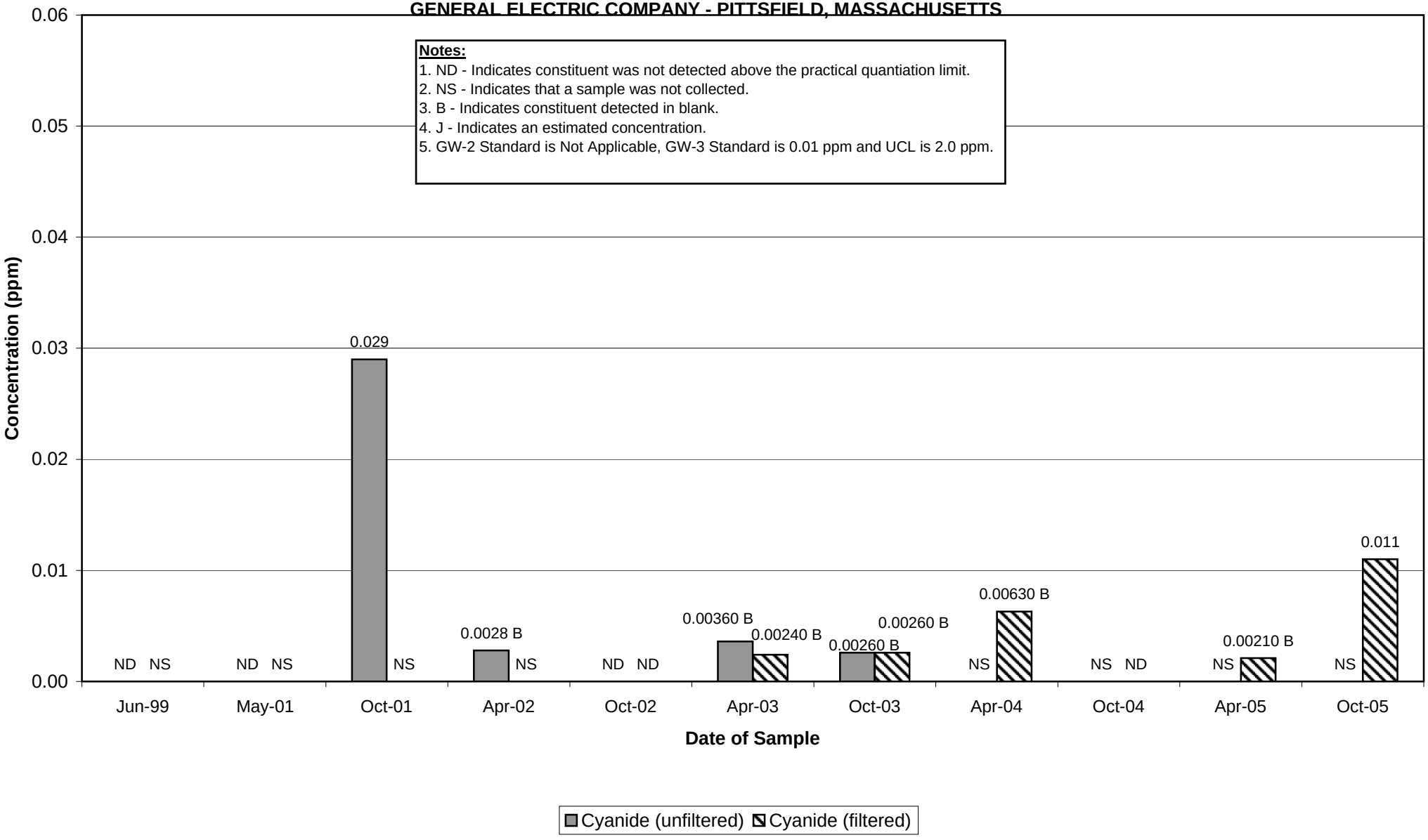
APPENDIX B
WELL 78-6 HISTORICAL CYANIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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Historical Groundwater Data

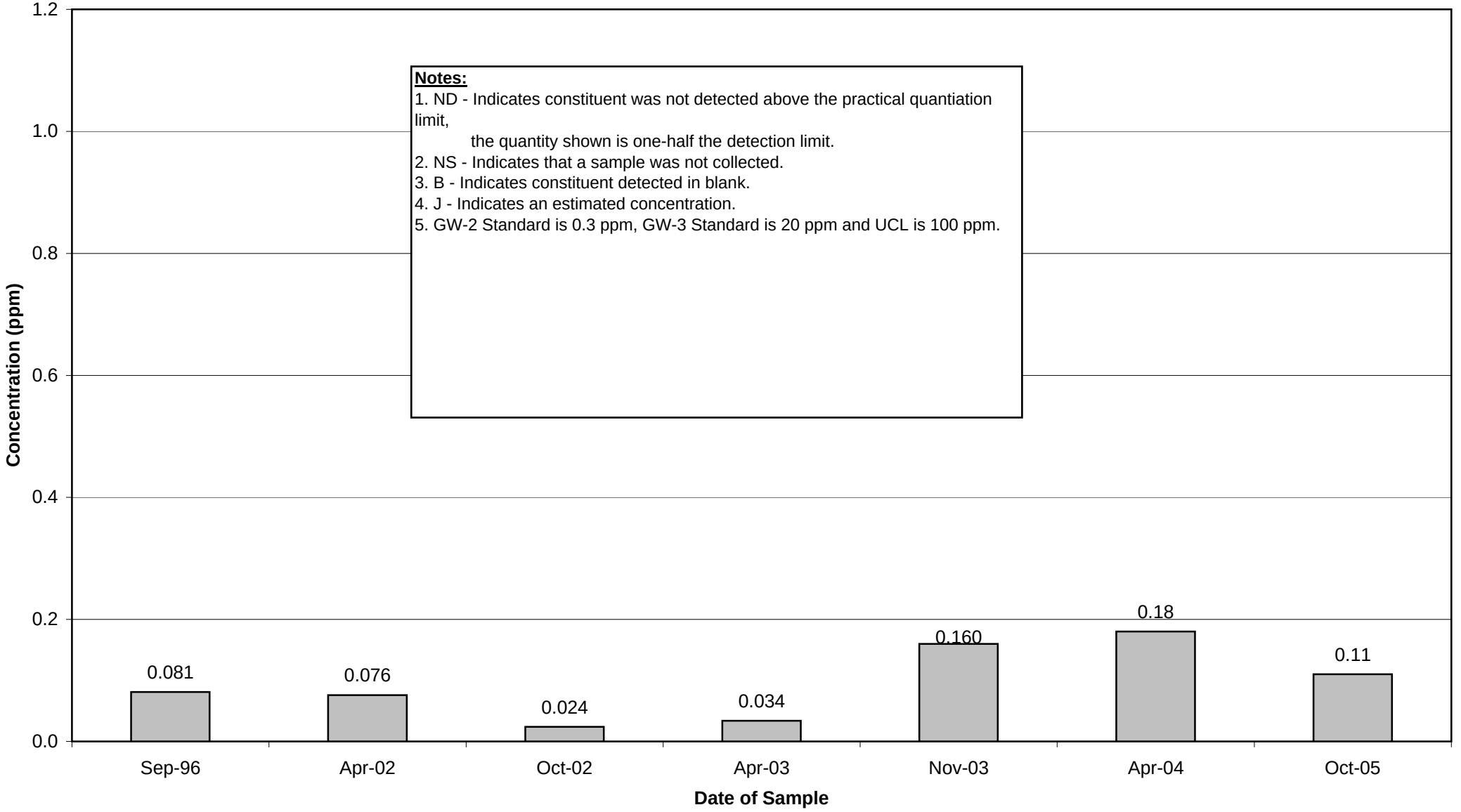
Trichloroethene Concentrations – Selected Wells

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

APPENDIX B
WELL H78B-16 HISTORICAL TRICHLOROETHENE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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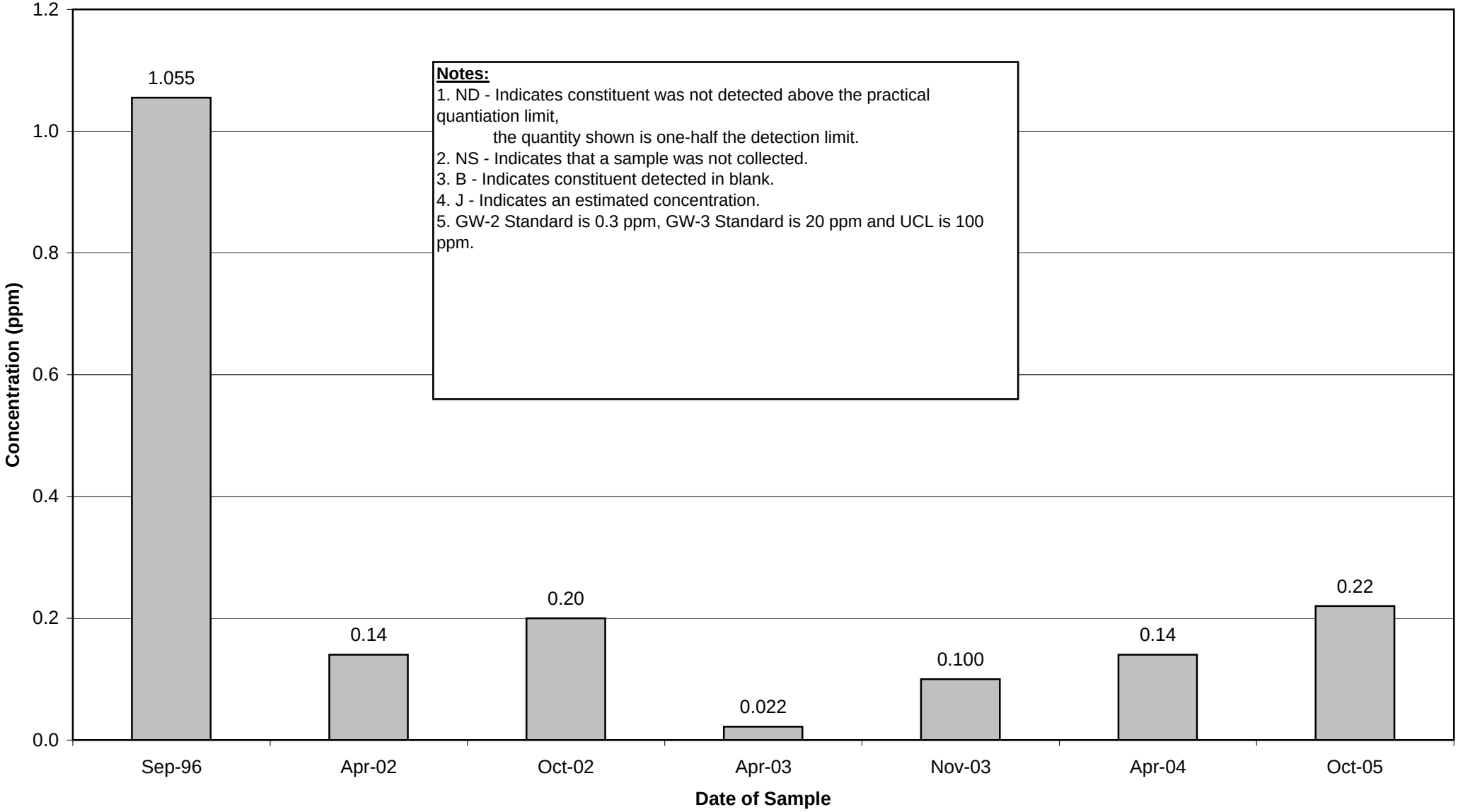
APPENDIX B
WELL H78B-17R HISTORICAL TRICHLOROETHENE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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Historical Groundwater Data

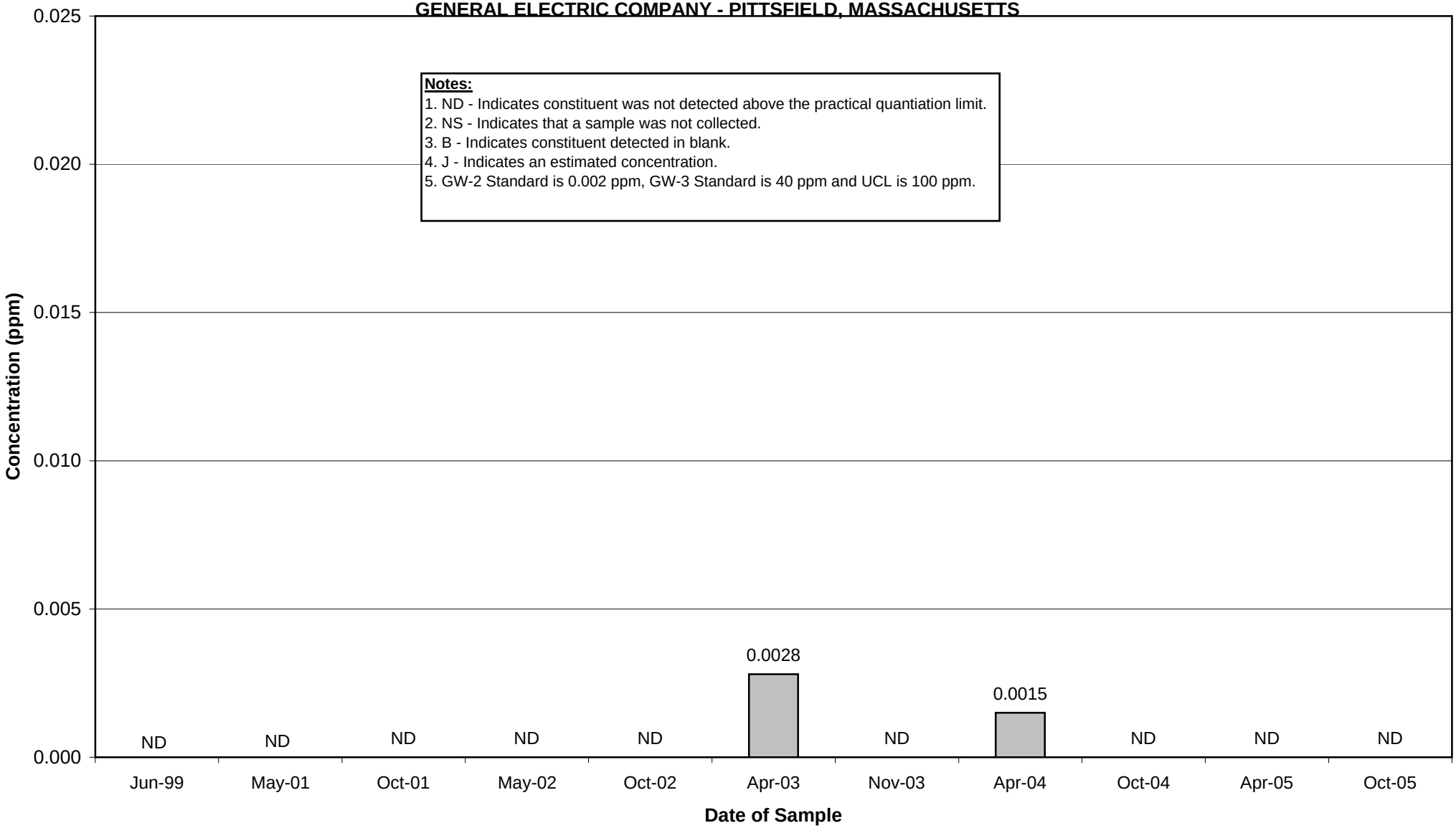
Vinyl Chloride Concentrations – Selected Wells

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

APPENDIX B
WELL OPCA-MW-4 HISTORICAL VINYL CHLORIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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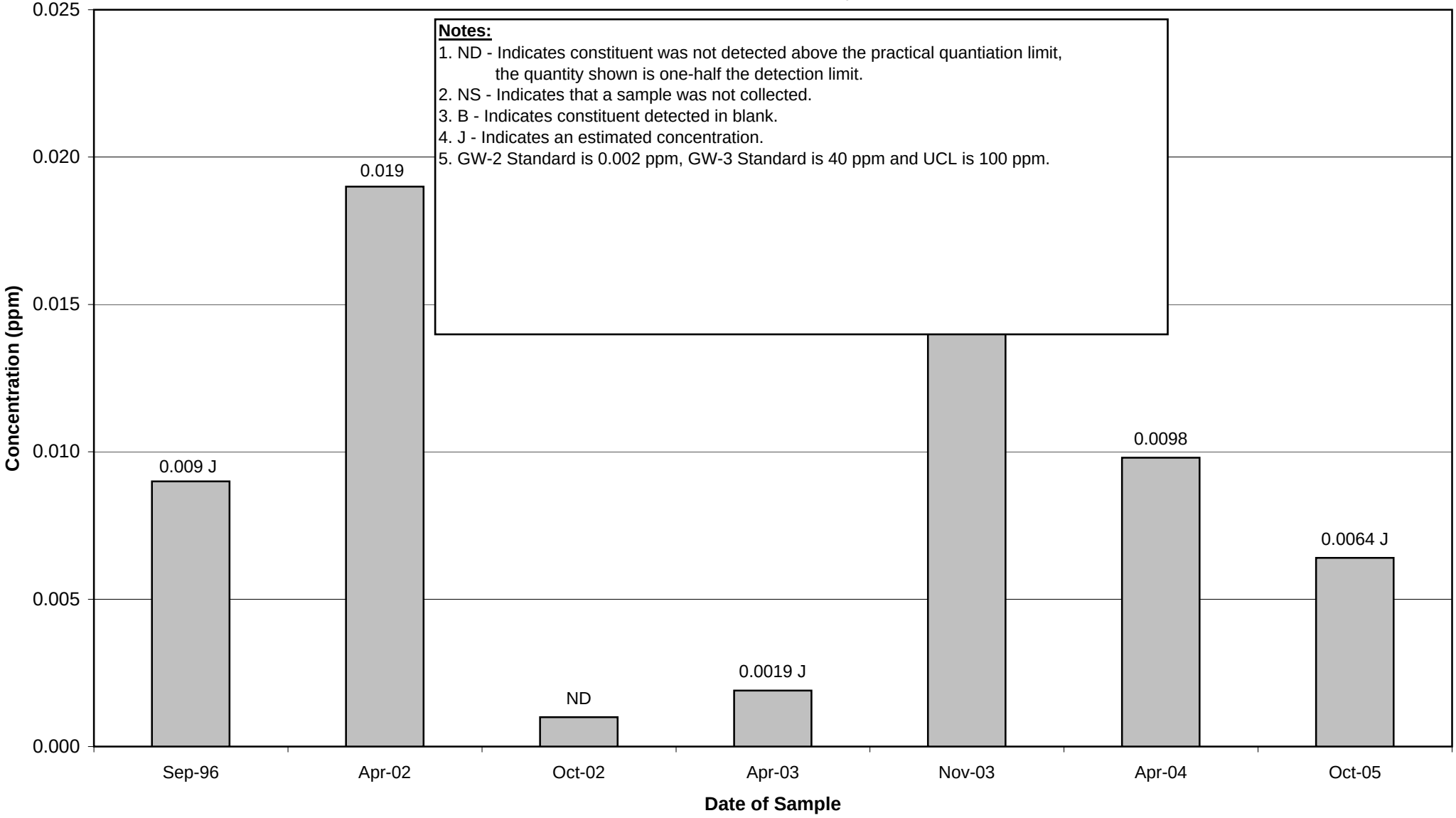
APPENDIX B
WELL H78B-16 HISTORICAL VINYL CHLORIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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V:\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2005 GW Qual Rpt\1206AppB_ConstGraphs.xls\H78B-16 VC

Appendix C

Pittsfield Generating Company
Groundwater Analytical Data

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

TABLE C-1
SUMMARY OF PITTSFIELD GENERATING COMPANY GROUNDWATER DATA

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
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	ASW-5 12/29/98
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	0.024
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 6/21/99	ASW-5 12/13/99	ASW-5 5/31/00	ASW-5 12/26/00	ASW-5 6/20/01	ASW-5 12/11/01	ASW-5 6/12/02
Volatile Organics									
1,2 - Dichloroethene (total)	None	None	0.006	--	--	--	--	--	--
Acetone	50	100	--	--	--	--	--	--	--
Methylene chloride	50	100	--	--	--	--	--	--	--
Trichloroethene	20	100	0.032	0.026	0.021	0.015	0.016	0.013	0.021
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	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA	NA

TABLE C-1
SUMMARY OF PITTSFIELD GENERATING COMPANY GROUNDWATER DATA

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results in ppm)

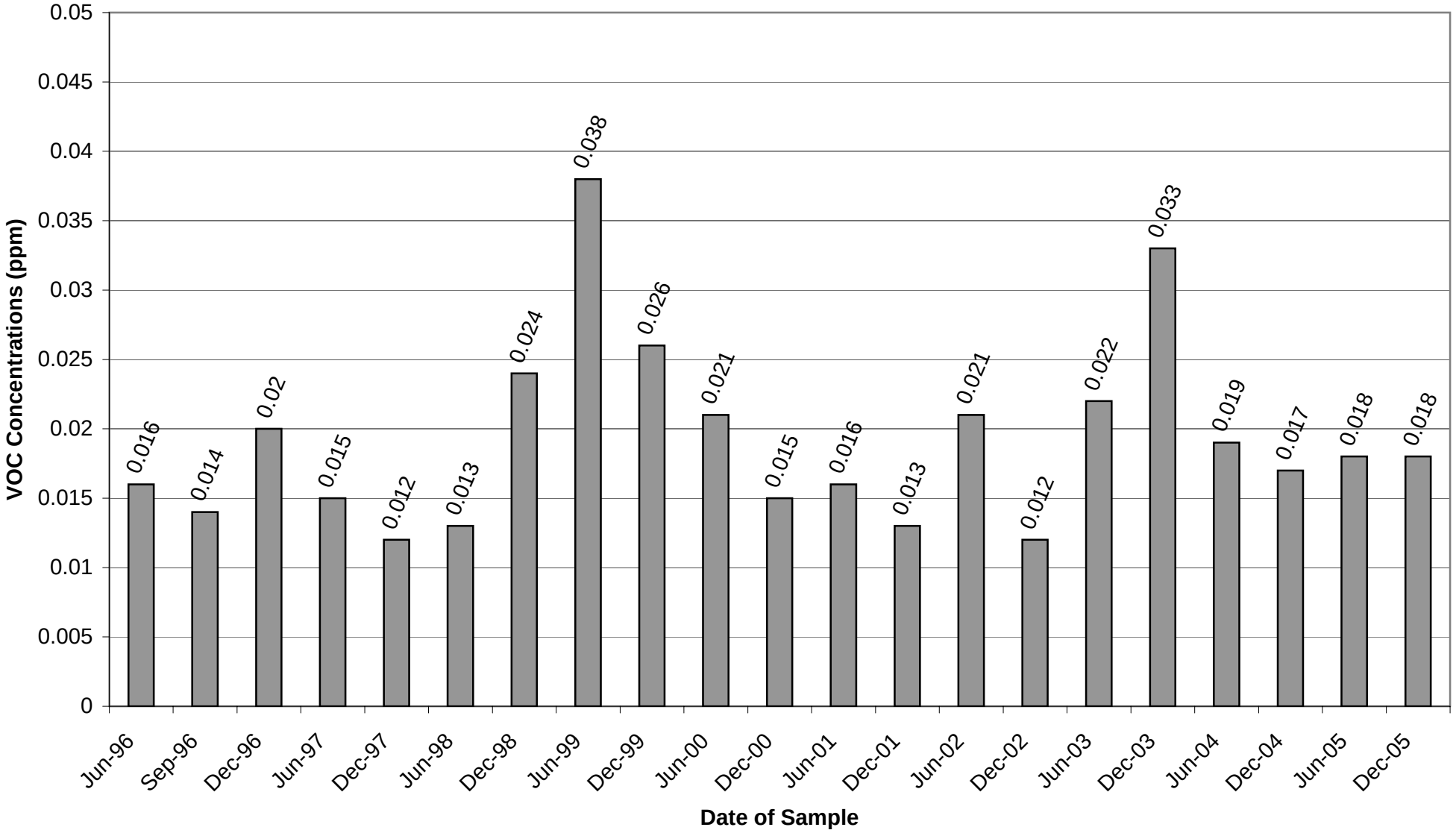
Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 12/6/02	ASW-5 6/2/03	ASW-5 12/1/03	ASW-5 6/7/04	ASW-5 12/13/04	ASW-5 6/7/05	ASW-5 12/7/05
Volatile Organics									
1,2 - Dichloroethene (total)	None	None	--	--	--	--	--	--	--
Acetone	50	100	--	--	0.017	--	--	--	--
Methylene chloride	50	100	--	--	--	--	--	--	--
Trichloroethene	20	100	0.012	0.022	0.016	0.019	0.017	0.018	0.018
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	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA	NA

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

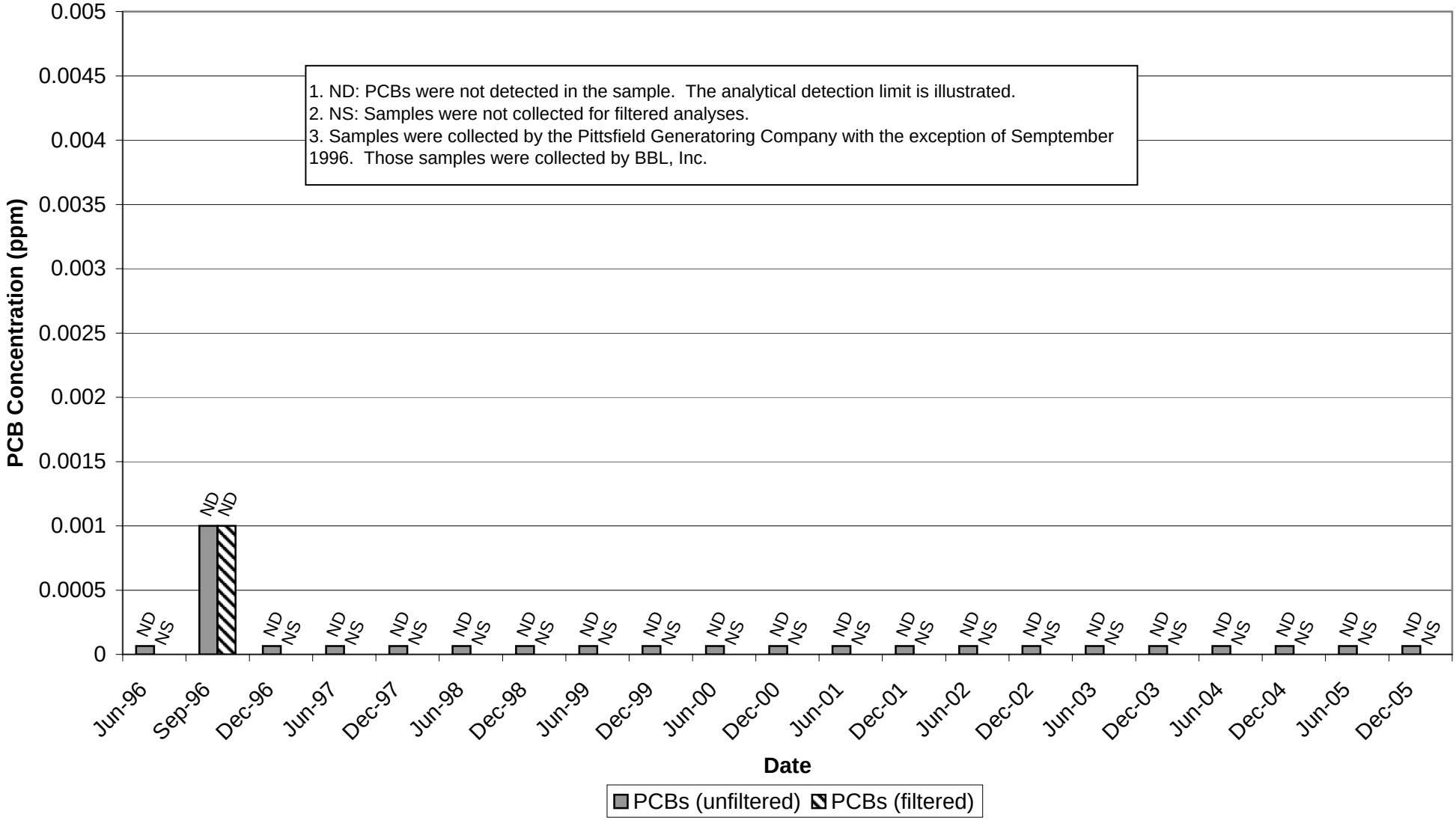
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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



Appendix D

Field Sampling Data

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

TABLE D-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Sampling Method								Comments
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	
78-1	PP/BA	PP	PP	PP	PP	PP	PP	PP	Fall 2002: Water became more turbid during sample collection.
78-6	PP	PP	PP	PP	PP	PP	PP	PP	Fall 2002: PCDD/F sample bottle was damaged during shipment (re-collected next day).
H78B-15	PP/BA	BP	PP	PP	PP	PP	PP	PP	Fall 2002: Turbidity meter malfunction. Samples visually clear.
H78B-16	PP/BA	PP	PP	PP	PP	NS	NS	PP	
H78B-17R	BP	PP	BP	BP	BP	NS	NS	BP	Fall 2002: Dissolved oxygen meter malfunction.
OPCA-MW-1	PP/BA	BP	PP	PP	PP	PP	PP	PP	Spring 2005: pH meter malfunctioned, corrected in field and recalibrated.
OPCA-MW-2	PP/BA	BP	BP	BP	BP	BP	BP	BP	Spring 2003: Bladder pump to be used instead of submersible pump.
									Fall 2002: Very low flow rate needed to maintain water levels.
OPCA-MW-3	BP	BP	BP	BP	BP	BP	BP	BP	
OPCA-MW-4	PP	BP	PP	PP	PP	PP	PP	PP	Fall 2002: Well dried during sample collection. Sampling completed after recharge.
OPCA-MW-5R	PP/BA	BP	PP	PP	PP	PP	PP	PP	Fall 2002: Well dried during purging. Sample collected after recharge.
OPCA-MW-6	PP/BA	PP	BP	BP	BP	BP	BP	BP	Spring 2003: Proposed to use a submersible pump; however, the depth to water allowed for the use of a bladder pump.
									Fall 2002: Very low flow rate needed to maintain water levels (two days needed to collect samples).
OPCA-MW-7	PP/BA	NS	PP	PP	PP	PP	PP	PP	Fall 2005: Well ran dry during purging. Several visits over six different days were required to collect the appropriate sample volume for each parameter analyzed
									Fall 2002: Well dry - no sample collected.
OPCA-MW-8	BP	BP	BP	BP	BP	BP	BP	BP	
UB-MW-5	NS	NS	NS	NS	PP	NS	PP	PP	Fall 2005: Well ran dry during purging. Several visits over seven different days were required to collect the appropriate sample volume for each parameter analyzed
									Spring 2005: Well dried up during sampling on 4/5/05. Additional samples were collected on 4/7/05.
									Fall 2004: Well dried up during purging and did not recharge - no sample collected.
									Fall 2003: Well dry - no sample collected.
									Spring 2003: Well dry - no sample collected.
									Fall 2002: Well dry - no sample collected.
									Spring 2002: Well dry - no sample collected.

NOTES:

1. BP - Bladder Pump
2. PP - Peristaltic Pump
3. BA - Bailer
4. PP/BA - Peristaltic Pump with bailer used for VOC sample collection
5. NS - Not Sampled

GROUNDWATER SAMPLING LOG

Well No. 781
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/11/05
Weather Overcast

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.27 Meas. From ground to TIC
Well Diameter 4.00"
Screen Interval Depth 8.00-23.00 Meas. From TIC
Water Table Depth 8.92' Meas. From TIC
Well Depth 22.29 Meas. From TIC
Length of Water Column 13.32
Volume of Water in Well 8.70 gallons
Intake Depth of Pump/Tubing 15.65 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 1140
Sample ID 78-1
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)
(X)	EPA Cyanide (Dissolved)	(X)
( )	PAC Cyanide (Dissolved)	( )
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1049
Pump Stop Time 1250
Minutes of Pumping 12.1
Volume of Water Removed 3.25 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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 03F0319 AJ

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]*
1050	125	0.03	9.03				9		
1059	100	0.27	9.15	15.93	6.19	0.688	7	2.60	184.9
1104	100	0.40	9.17	15.91	6.25	0.694	6	1.67	185.0
1109	100	0.53	9.23	16.01	6.21	0.698	7	1.75	186.1
1114	100	0.67	9.28	15.95	6.24	0.698	8	2.30	190.5
1119	100	0.80	9.32	15.97	6.24	0.699	9	2.77	193.2
1124	100	0.93	9.37	15.93	6.24	0.699	8	3.01	196.0
1129	100	1.06	9.43	15.94	6.25	0.699	9	3.13	199.4

* 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:

GROUNDWATER SAMPLING LOG

Well No. 78-1

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/11/04
Weather overcast

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]*
1134	100	1-20	9.49	16.02	6.25	0.700	8	3.22	200.9
matt 1139									

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

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 11, 2025
Weather OVERCAST, COOL, ESE

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.55 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 3-18 Meas. From Ground
Water Table Depth 10.30 Meas. From TIC
Well Depth 16.35 Meas. From TIC
Length of Water Column 6.05
Volume of Water in Well 0.13 ft3 = 0.98 GALLONS
Intake Depth of Pump/Tubing 12.0' 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 12:10
Sample ID 78-6
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1040
Pump Stop Time 1235
Minutes of Pumping 115
Volume of Water Removed 7500 mL
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: GEOPUMP 2
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]*
1045	100	—	10.30	—	—	—	240	—	—
1050	100	500	10.90	—	—	—	227	—	—
1055	100	1000	11.40	—	—	—	200	—	—
1100	100	1500	11.50	—	—	—	94	—	—
1105	100	2000	11.50	—	—	—	62	—	—
1110	100	2500	11.50	—	—	—	50	—	—
1120	100	3000	11.30	16.53	6.64	2.290	50	3.10	-65.3
1125	100	3500	11.25	16.38	6.61	2.261	42	1.64	-68.1

* 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 INITIAL PURGE HAS SUSPENDED ORANGE PARTICLES. VERY TURBID.

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS

GROUNDWATER SAMPLING LOG

Well No. 78-6

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 11, 2005
Weather OVERCAST, COOL, 50s

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]*
1130	100	4000	11.20	16.36	6.60	2.244	33	1.19	-69.6
1135	100	4500	11.20	16.46	6.61	2.254	25	1.21	-70.8
1140	100	5000	11.20	16.43	6.61	2.260	18	1.05	-70.4
1145	100	5500	11.20	16.38	6.61	2.259	15	0.96	-70.0
1150	100	6000	11.20	16.36	6.60	2.259	14	0.88	-71.0
1155	100	6500	11.18	16.34	6.61	2.258	14	0.86	-71.9
1200	100	7000	11.18	16.34	6.60	2.257	13	0.86	-73.9
1205	100	7500	11.18	16.29	6.61	2.257	13	0.85	-74.1
SAMPLE TIME 1210									

* 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 SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. H78B-15
Key No. EX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/12/05
Weather overcast, cold

WELL INFORMATION

Reference Point Marked? (Y) N — TOC-TIC
Height of Reference Point ____ Meas. From ground To TOC
Well Diameter 0.75"
Screen Interval Depth 6.00-16.00' Meas. From TIC
Water Table Depth 12.70' Meas. From TIC
Well Depth 18.21' Meas. From TIC
Length of Water Column 5.51'
Volume of Water in Well 0.13 gallons
Intake Depth of Pump/Tubing 15.46 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 1500
Sample ID H78B-15
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)
(X)	EPA Cyanide (Dissolved)	(X)
( )	PAC Cyanide (Dissolved)	( )
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )
(X)	sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1415
Pump Stop Time 1626 1626 ~~1626~~
Minutes of Pumping ~~131~~ 131
Volume of Water Removed 3.0 gallons
Did Well Go Dry? Y (N)

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 0 30392 AC ; 2100P Turbidimeter P/N 46500 S/N: 94110000 65523

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]*
1418	100	0.08					67		
1423	100	0.21					21		
1433	100	0.48		14.78	7.25	0.555	8	7.30	234.8
1438	100	0.61		15.22	7.12	0.536	6	7.27	229.4
1443	100	0.74		15.12	7.02	0.541	5	7.07	225.8
1448	100	0.87		15.20	6.98	0.539	3	6.81	220.9
1453	100	1.01		15.26	6.95	0.539	2	6.89	215.2
1458	100	1.14		15.23	6.94	0.543	2	6.97	211.3

* 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 * Water level meter would not fit down 0.75" well same time as tubing ; Ending Water level 12.75'

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. H7813-16
Key No. FX-32
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/10/05
Weather Rainy, overcast, cold

WELL INFORMATION

Reference Point Marked? (Y) N, 0.42' - TOC TO TIC
Height of Reference Point 3.21' Meas. From ground to TOC
Well Diameter 0.75"
Screen Interval Depth 4.00-14.00' Meas. From TIC
Water Table Depth 12.11' Meas. From TIC
Well Depth 16.75' Meas. From TIC
Length of Water Column 4.64'
Volume of Water in Well 0.76 gallon
Intake Depth of Pump/Tubing 14.43" 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 1625 ~~H7813-16 MAH~~
Sample ID H7813-16
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1540
Pump Stop Time 1630
Minutes of Pumping 50
Volume of Water Removed 1.3 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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 03F0319 AJ

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]*
1541	100	0.03	12.13				83		
1546	100	0.16	12.14				70		
1551	100	0.29	12.14				25		
1601 ~~1556 MAH~~	100	0.56	12.14	13.64	6.61	1.045	13	2.73	~~59.8~~
1606 ~~1607 MAH~~	100	0.69	12.13	13.54	6.61	1.056	10	1.76	540.0
1611	100	0.82	12.13	13.50	6.62	1.056	7	1.30	545.6
1616	100	0.96	12.14	13.50	6.63	1.056	6	1.21	544.7
1621	100	1.09	12.13	13.50	6.63	1.056	6	1.21	549.2

* 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

GROUNDWATER SAMPLING LOG

Well No. H78-17R
Key No. EX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 13, 2005
Weather RAINY, SOS, OVERCAST

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point 2.77 Meas. From GROUND
Well Diameter 4"
Screen Interval Depth 14.3-23.6 Meas. From GROUND
Water Table Depth 15.10 Meas. From TOC
Well Depth 26.70 Meas. From TOC
Length of Water Column 11.6
Volume of Water in Well 7.57 gallons
Intake Depth of Pump/Tubing 20.9" Meas. From GROUND

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

Redevelop? Y (N)

Sample Time 11:45
Sample ID H78B-17R
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1055
Pump Stop Time 1150
Minutes of Pumping 60
Volume of Water Removed 4500 mL
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MSP, 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]*
1055	100	—	15.10		—	—	18	—	—
1100	100	500	15.18	14.03	7.24	1.492	23	6.08	30.2
1105	100	1000	15.20	14.00	7.21	1.490	16	4.68	30.9
1110	100	1500	15.20	13.76	7.15	1.484	14	3.01	32.9
1115	100	2000	15.20	13.78	7.14	1.482	13	2.86	30.6
1120	100	2500	15.20	13.83	7.13	1.482	12	2.36	32.3
1125	100	3000	15.20	13.85	7.12	1.481	12	2.28	32.8
1130	100	3500	15.20	13.88	7.12	1.481	11	2.12	32.9
1135	100	4000	15.20	13.92	7.12	1.482	11	2.05	33.4
1140	100	4500	15.20	13.92	7.12	1.482	10	2.00	33.8
SAMPLE TIME 1145									

* 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. ORCA-MW-1
Key No. EX 37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/12/05
Weather overcast, rainy, cold

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point — Meas. From TOC TO TIC
Well Diameter 2.00"
Screen Interval Depth 20.1 - 30.1' Meas. From TIC
Water Table Depth 8.36' Meas. From TIC
Well Depth 32.51 Meas. From TIC
Length of Water Column 24.15
Volume of Water in Well 3.94 gallons
Intake Depth of Pump/Tubing ~~30.1~~ max 25.1 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 1008
Sample ID ORCA-MW-1
Duplicate ID —
MS/MSD ORCA-MW-1
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 0923
Pump Stop Time 1330
Minutes of Pumping 247
Volume of Water Removed 6.5 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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 03F0319AJ

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]*
0924	150	0.04	9.16				4		
0933	100	0.28	10.20	11.83	7.04	0.504	3	2.40	235.7
0938	100	0.41	10.91	11.86	7.36	0.505	2	2.38	227.4
0943	100	0.54	11.90	11.87	7.45	0.506	1	1.64	219.8
0948	100	0.68	12.58	11.86	7.48	0.508	1	1.53	214.8
0953	100	0.81	13.16	11.84	7.50	0.509	2	1.35	213.7
0958	100	0.94	13.98	11.80	7.50	0.509	2	1.27	212.6
1003	100	1.07	14.63	11.76	7.51	0.510	1	1.27	210.8

* 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:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-2
Key No. FX-137
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 12, 2005
Weather RAINY, COOL 50s, OVERCAST

WELL INFORMATION

Reference Point Marked? (Y) N — .50 = 2.05
Height of Reference Point 2.55 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 13' - 23' Meas. From GROUND
Water Table Depth 18.50 Meas. From TIC
Well Depth 25.35 Meas. From TIC
Length of Water Column 6.85'
Volume of Water in Well 1.12 gallons
Intake Depth of Pump/Tubing 22.0' Meas. From GROUND

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

Redevelop? Y (N)

Sample Time 1045
Sample ID OPCA-MW-2
Duplicate ID DUP-2
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)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )
X	SULFIDE	X
X	FILTERED CYANIDE	X

EVACUATION INFORMATION

Pump Start Time 0915
Pump Stop Time 1200
Minutes of Pumping 165
Volume of Water Removed 8000 mL
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: MARSCHALK BLADDER 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]*
0920	100	—	18.50	—	—	—	694	—	—
0925	100	5000	19.08	—	—	—	197	—	—
0930	100	10000	19.08	—	—	—	118	—	—
0935	100	15000	19.08	—	—	—	91	—	—
0940	100	20000	19.08	—	—	—	68	—	—
0945	100	25000	19.08	—	—	—	47	—	—
0950	100	30000	19.08	11.56	6.44	1.099	29	10.93	213.4
0955	100	35000	19.08	11.35	6.60	1.106	25	9.72	207.5
1000	100	40000	19.08	11.36	6.70	1.095	11	9.29	196.3
1005	100	45000	19.08	11.36	6.72	1.091	9	9.14	188.2
1010	100	50000	19.08	11.37	6.74	1.088	8	9.13	178.7
1015	100	55000	19.08	11.36	6.76	1.091	7	9.87	162.3

* 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 INITAL PURGE IS CLOUDY YELLOW

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-2

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 12, 2005
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]*
1020	100	6000	19.08	11.34	6.81	1.093	7	9.79	158.1
1025	100	6500	19.08	11.30	6.87	1.091	6	9.80	153.2
1030	100	7000	19.08	11.28	6.82	1.098	4	9.88	133.6
1035	100	7500	19.08	11.29	6.82	1.097	3	9.86	132.8
1040	100	8000	19.08	11.24	6.81	1.098	3	9.85	131.2
SAMPLE TIME 1045									

* 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

C:\DOCUME~1\ASTINSON\LOCALS~1\Temp\334199 Attachment D-2.xls

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-3
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel AES/ASR
Date OCTOBER 12, 2005
Weather RAINY, COOL (50S), CLEAR/AST

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.00 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 18'-28' Meas. From GROUND
Water Table Depth 21.90 Meas. From TIC
Well Depth 27.50 Meas. From TIC
Length of Water Column 5.6'
Volume of Water in Well 0.9 gallons
Intake Depth of Pump/Tubing 24.7' 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 1725
Sample ID OPCA-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)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)

FILTERED CYANIDE SULFIDE

EVACUATION INFORMATION

Pump Start Time 1515
Pump Stop Time 1825
Minutes of Pumping 190
Volume of Water Removed 18000 mL
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MSP, HACH 2100P TURBIDIMETER

Time	Pump Rate ~~mL/min~~ Gallons	Total ~~mL~~ 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]*
1515	100	—	21.90	—	—	—	47	—	—
1520	100	500	21.90	—	—	—	>999	—	—
1525	100	1000	21.90	—	—	—	490	—	—
1530	100	1500	21.90	—	—	—	147	—	—
1535	100	2000	21.90	—	—	—	128	—	—
1540	100	2500	21.90	—	—	—	118	—	—
1545	100	3000	21.90	—	—	—	105	—	—
1550	100	3500	21.90	—	—	—	100	—	—
1555	100	4000	21.90	—	—	—	98	—	—
1600	100	4500	21.90	—	—	—	95	—	—
1605	100	5000	21.90	—	—	—	90	—	—
1610	100	5500	21.90	—	—	—	88	—	—

* 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 INITIAL PURGE IS CLEAR, THEN TURNS TURBID DARK ORANGE.

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-3

Site/GMA Name GMA-4
Sampling Personnel AES/ASR
Date OCTOBER 12, 2005
Weather RAINY, COOL, (50S), OVERCAST

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]*
1615	100	6000	21.95	—	—	—	110	—	—
1620	100	6500	21.98	—	—	—	108	—	—
1625	100	7000	21.98	—	—	—	92	—	—
1630	100	7500	22.00	—	—	—	90	—	—
1635	100	8000	22.00	—	—	—	89	—	—
1640	100	8500	22.00	—	—	—	84	—	—
1645	100	9000	22.00	—	—	—	71	—	—
1650	100	9500	22.00	—	—	—	48	—	—
1655	100	10000	22.00	13.72	6.84	0.745	38	2.92	97.8
1700	100	10500	22.00	13.48	6.79	0.738	37	2.38	94.5
1705	100	11000	22.00	13.35	6.72	0.737	32	1.59	89.9
1710	100	11500	22.00	13.16	6.71	0.736	30	1.45	87.1
1715	100	12000	22.00	13.10	6.71	0.735	25	1.41	86.7
1720	100	12500	22.00	13.05	6.70	0.737	24	1.39	85.6
1725	100	13000	22.00	13.00	6.71	0.736	24	1.38	84.8

* 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

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-4
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel BES
Date OCTOBER 11, 2005
Weather OVERCAST, COOL, SOS, CHANCE OF RAIN.

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point -0.55 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 12-22 Meas. From TOC GROUND
Water Table Depth 13.5 Meas. From TIC
Well Depth 21.5 Meas. From TIC
Length of Water Column 8.00
Volume of Water in Well .17 x 8 = 1.3 GALLONS
Intake Depth of Pump/Tubing 18.0' Meas. From GROUND

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

Redevelop? Y (N)

EVACUATION INFORMATION

Pump Start Time 1440
Pump Stop Time 1640
Minutes of Pumping 120
Volume of Water Removed 6000
Did Well Go Dry? Y (N)

Sample Time 1540
Sample ID OPCAMW-4
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)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )
X	SULFIDE	X
X	FILTERED CYANIDE	X

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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 6820 MSP, 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	100	—	13.50	—	—	—	35	—	—
1450	100	1000	14.00	15.04	6.79	2.163	24	4.54	76.0
1455	100	1500	14.10	14.98	6.68	2.128	22	3.90	78.5
1600	100	2000	14.20	14.81	6.63	2.053	22	2.98	79.2
1605	100	2500	14.25	14.78	6.59	2.010	21	2.56	83.8
1610	100	3000	14.80	14.79	6.57	1.193	18	2.48	85.3
1615	100	3500	14.80	14.87	6.53	0.7165	11	2.43	88.7
1620	100	4000	14.80	14.92	6.55	0.731	8	2.29	88.2
1625	100	4500	14.80	14.916	6.516	0.725	7	2.23	87.5
1630	100	5000	14.80	14.95	6.516	0.723	5	2.15	86.4
1635	100	5500	14.80	14.80	6.57	0.772	4	2.20	86.8
1640	100	6000	14.80	14.88	6.57	0.772	5	2.21	86.6

* 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 INITIAL PURGE HAS BLACK PARTICLES.

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-5R
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4
Sampling Personnel MAK
Date 10/11/05
Weather Overcast.

Sample Time 1536
Sample ID OPCA-MW-5R
Duplicate ID —
MS/MSD —
Split Sample ID —

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 0.35 Meas. From ground TO TIC
Well Diameter 2.00"
Screen Interval Depth 11.25-21.25' Meas. From TIC
Water Table Depth 13.32' Meas. From TIC
Well Depth 21.45' Meas. From TIC
Length of Water Column 8.13'
Volume of Water in Well 1.33 gallons
Intake Depth of Pump/Tubing 17.39 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)

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

EVACUATION INFORMATION

Pump Start Time 1438
Pump Stop Time 1650
Minutes of Pumping 132
Volume of Water Removed 3.5 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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 03F0319 AJ

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
							39		215
1439	120	0.03	13.52						
1447	100	0.24	13.68	15.49	6.28	0.076	30	7.05	208
1452	100	0.37	13.86	15.57	6.19	0.078	30	4.85	208
1457	100	0.51	14.06	15.74	6.18	0.082	24	4.31	171.6
1502	100	0.64	14.25	15.81	6.27	0.155	17	3.15	240.
1507	100	0.77	14.46	15.78	6.43	0.205	12	2.40	233.
1512	100	0.90	14.64	15.77	6.52	0.253	10	1.96	233.
1517	100	1.04	14.79	15.71	6.58	0.298	8	1.64	255

* 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. ORC4-MW-5R

Site/GMA Name BMA 4
Sampling Personnel ~~AMM~~, ASR
Date 10/11/05
Weather OVERCAST

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]*
1522	100	1.17	15.00	15.61	6.62	0.331	8	1.42	235.3
1527	100	1.30	15.18	15.55	6.64	0.328	7	1.42	236.2
1532	100	1.43	15.35	15.50	6.65	0.332	8	1.43	236.8

* 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

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel JAP
Date 10/17/05
Weather Partly Cloudy, Windy, 40's (°F)

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~-0.7 Meas. From BGS
Well Diameter 2"
Screen Interval Depth 15-25' Meas. From TIC
Water Table Depth 17.14' Meas. From TIC
Well Depth 23.88' Meas. From TIC
Length of Water Column 6.74'
Volume of Water in Well 1.1 gal
Intake Depth of Pump/Tubing 20.51' 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 1540
Sample ID OPCA-MW-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)
(X)	✓Cyanide (Dissolved)	(X)
( )	PAC Cyanide (Dissolved)	( )
(X)	✓PCDDs/PCDFs	(X)
(■)	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	✓Other (Specify) sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1455
Pump Stop Time 1714
Minutes of Pumping 139
Volume of Water Removed ~2.8 gal
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump ( ) Submersible Pump (■) Other/Specify ( )
Pump Type: System 1
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MPS S/N 03C14601
HACH TURBIDMETER S/N 0210000 28323

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	X Temp. (Celsius) [3%]*	X pH [0.1 units]*	X Sp. Cond. (mS/cm) [3%]*	X Turbidity (NTU) [10% or 1 NTU]*	X DO (mg/l) [10% or 0.1 mg/l]*	X ORP (mV) [10 mV]*
1500	75	0.10	17.15	—	—	—	3	—	—
1511	50	0.25	17.25	12.54	7.12	0.632	5	7.66	28.6
1516	100	0.38	17.27	12.41	7.13	0.633	4	7.30	16.9
1521	100	0.51	17.30	12.26	7.10	0.636	3	7.27	13.4
1526	100	0.64	17.31	12.22	7.11	0.643	3	7.21	9.4
1531	100	0.77	17.36	12.12	7.10	0.654	2	7.11	7.2
1536	100	0.90	17.38	12.05	7.09	0.661	2	7.04	7.0

* 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 Initial purge: clear, colorless, odorless
Final purge: "

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-7
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/11/05
Weather overcast, rain

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.52 Meas. From ground To TIC
Well Diameter 2.00"
Screen Interval Depth 14.00 - 24.00' Meas. From TIC
Water Table Depth 23.00 Meas. From TIC
Well Depth 23.53 Meas. From TIC
Length of Water Column 0.53
Volume of Water in Well ~~0.08 gallon~~ 0.09 gallon
Intake Depth of Pump/Tubing 23.27 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 —
Sample ID OPCA-MW-7
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 0934
Pump Stop Time 0948
Minutes of Pumping —
Volume of Water Removed —
Did Well Go Dry? (Y) N

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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

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]*
0936	125	0.07	23.17				127		
0941	100	0.20	23.30				7		
0948	~~100~~	0.39	dry				10		

* 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 Well went dry

SAMPLE DESTINATION

Laboratory: —
Delivered Via: —
Airbill #: —

Field Sampling Coordinator: —

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-7
Key No. NA
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel GAR
Date 10/14/05
Weather Overcast, Rain, 50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.60' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 14'-24' Meas. From Ground
Water Table Depth 22.80' Meas. From TIC
Well Depth 23.80' Meas. From TIC
Length of Water Column 1.00'
Volume of Water in Well 0.16 gallon
Intake Depth of Pump/Tubing 23.30' 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
Sample ID
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 12:10
Pump Stop Time 12:40
Minutes of Pumping 30
Volume of Water Removed 0.44 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]*
12:15	100ml	0.13	23.08	—	—	—	19	—	—
12:30	50ml	0.33	23.29	14.16	6.77	1.250	8	15.66	212.6
12:35	50ml	0.40	23.30	14.40	6.81	1.258	14	4.42	192.0
Dry at 12:38									

* 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

Initial Purge: Clear odorless

Well still dry at 13:00

SAMPLE DESTINATION

Laboratory. SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. ORCA-MW-7 | Site/GMA Name GMA 4
Key No. — | Sampling Personnel MAH
PID Background (ppm) — | Date 10/17/05
Well Headspace (ppm) — | Weather overcast, cold

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point _____ Meas. From ground TO TIC
Well Diameter 2.00"
Screen Interval Depth 15.00-25.00' Meas. From TIC
Water Table Depth 22.34' Meas. From TIC
Well Depth 25.67' Meas. From TIC
Length of Water Column 1.33'
Volume of Water in Well _____
Intake Depth of Pump/Tubing 23.00 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 1058
Sample ID ORCA-MW-7
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)
(X)	EPA Cyanide (Dissolved)	(X)
( )	PAC Cyanide (Dissolved)	( )
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )
(X)	Sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1052
Pump Stop Time 1130
Minutes of Pumping _____
Volume of Water Removed _____
Did Well Go Dry? (Y) N

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

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MPS 03B0392; Turbidimeter P/N: 46500-00 S/N: 94110000 to 523

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]*
10/17 1054	90		22.16'	12.36	5.62	1.109	45	6.10	272.8
1134	90		dry	13.32	6.83	1.108	—	4.73	196.5
Collected VOCs & SVOCs									
10/18 0845	90		22.71	12.66	6.78	1.101	8	5.10	240.3
mah 0900	90		dry	13.00	6.92	1.126	1	4.52	233.2
Collected Metals, Cyanide									

* 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: _____
Delivered Via: _____
Airbill #: _____

Field Sampling Coordinator: _____

GROUNDWATER SAMPLING LOG

Well No. OCa-mw-7

Site/GMA Name GMA 4
Sampling Personnel MAH
Date 10/19/05
Weather Clear, Sunny

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]*
10/19/05									
0853	90		22.58	14.59	6.44	1.132	10	4.85	235.4
0930	90		dry	14.35	6.51	1.104	10	4.13 mg/l	1105.6
	Collected PCB's (Filtered), Sulfide								
10/20/05									
1425	80		22.35	14.14	7.12	1.121	4	6.92	114.9
1501	80		23.13	14.01	7.09	1.112	24	4.70	99.8
	Collected PCDAs / PCDFs								

* 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. CPCA-MW-8
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 13, 2005
Weather SPRINKLES, OVERCAST, 60s

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.30 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 13.5'-23.5' Meas. From GROUND
Water Table Depth 14.60 Meas. From TIC
Well Depth 21.80 Meas. From TIC
Length of Water Column 7.2'
Volume of Water in Well 1.17 gallons
Intake Depth of Pump/Tubing 18.2' 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)

EVACUATION INFORMATION

Pump Start Time 1210
Pump Stop Time 1430
Minutes of Pumping 140
Volume of Water Removed 9500
Did Well Go Dry? Y (N)

Sample Time 1345
Sample ID —
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)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )
X	FILTERED CYANIDE	X
X	SULFIDE	X

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

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MSP, 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]*
1215	100	—	14.60	—	—	—	123	—	—
1220	100	5000	14.65	—	—	—	118	—	—
1225	100	10000	14.65	—	—	—	115	—	—
1230	100	15000	14.65	—	—	—	112	—	—
1235	100	20000	14.65	—	—	—	128	—	—
1240	100	25000	14.65	—	—	—	112	—	—
1245	100	30000	14.65	—	—	—	108	—	—
1250	100	35000	14.65	—	—	—	102	—	—
1255	100	40000	14.65	—	—	—	98	—	—
1300	100	45000	14.65	—	—	—	50	—	—
1305	100	50000	14.65	16.05	7.43	0.189	42	12.59	76.9
1310	100	55000	14.65	16.02	7.11	0.194	32	11.10	84.1

* 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 INITIAL PURGE IS DARK CLOUDY BROWN.

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-8

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 13, 2005
Weather SPRINKLES, OVERCAST, 50S

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]*
1315	100	6000	14.65	16.00	7.12	0.195	18	11.18	81.5
1320	100	6500	14.65	15.97	7.14	0.197	10	11.19	80.1
1325	100	7000	14.65	15.98	7.17	0.199	8	11.13	78.3
1330	100	7500	14.65	15.96	7.21	0.201	7	11.01	74.5
1335	100	8000	14.65	15.88	7.23	0.199	7	10.99	72.7
1340	100	8500	14.65	15.90	7.24	0.198	6	11.00	71.6
SAMPLE TIME		1345							

* 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. UB-MW-5
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel AES
Date OCTOBER 11, 2005
Weather COOL (50's), OVERCAST, CHANCE OF RAIN

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.25 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 7-17 Meas. From GROUND
Water Table Depth 15.40' Meas. From TIC
Well Depth 15.45' Meas. From TIC
Length of Water Column 0.05
Volume of Water in Well 0.01 gallon
Intake Depth of Pump/Tubing 15.42 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 ___
Sample ID UB-MW-5
Duplicate ID —
MS/MSD —
Split Sample ID —

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

CYANIDE (FILTERED)

EVACUATION INFORMATION

Pump Start Time 0930
Pump Stop Time 0935
Minutes of Pumping 5
Volume of Water Removed —
Did Well Go Dry? (Y) N

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) 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: ___

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]*

* 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 WELL WENT DRY ON INITIAL PURGE.

SAMPLE DESTINATION

Laboratory: ___
Delivered Via: ___
Airbill #: ___

Field Sampling Coordinator: ___

GROUNDWATER SAMPLING LOG

*SAMPLE CONTINUATION

Well No. UB-MW-5
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name PITTSFIELD, MA / GMA-4
Sampling Personnel AES/JFM
Date NOVEMBER 1, 2005
Weather SUNNY, 40s

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ____ Meas. From ____
Well Diameter 2"
Screen Interval Depth ____ Meas. From ____
Water Table Depth 14.50' Meas. From TIC
Well Depth ____ Meas. From ____
Length of Water Column ____
Volume of Water in Well ____
Intake Depth of Pump/Tubing ____ Meas. From ____
~~**

SEE PRIOR LOGS

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

Redevelop? Y (N)

Sample Time 0930
Sample ID UB-MW-5
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 0930
Pump Stop Time 1000
Minutes of Pumping 30
Volume of Water Removed —
Did Well Go Dry? Y N

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: ~~HORIBA~~ (AES) YSI 556 MSP, 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]*
0930	100	—	14.50	17.47	6.88	1.814	7	7.57	198.9

* 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 TOOK INITIAL READING AND THEN SAMPLED FOR PCDD/PCDF.

SAMPLE DESTINATION

Laboratory: ____
Delivered Via: ____
Airbill #: ____

Field Sampling Coordinator: ____

Appendix E

Fall 2005 Groundwater Elevation/ NAPL Monitoring Data

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

TABLE E-1
FALL 2005 GROUNDWATER ELEVATION/NAPL MONITORING DATA

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
060A	1,001.71	10/26/2005	Dry	NA	38.44	NA	< 963.27
060B-R	1,002.79	10/26/2005	15.12	0.00	20.47	0.00	987.67
78-1	1,026.32	10/11/2005	8.92	0.00	22.29	0.00	1,017.40
78-1	1,026.32	10/26/2005	6.82	0.00	22.36	0.00	1,019.50
78-2	1,033.96	10/26/2005	8.77	0.00	20.61	0.00	1,025.19
78-3	1,007.13	10/26/2005	16.78	0.00	24.81	0.00	990.35
78-4	998.55	10/26/2005	11.15	0.00	21.31	0.00	987.40
78-5R	997.36	10/26/2005	3.99	0.00	18.35	0.00	993.37
78-6	1,012.00	10/11/2005	10.80	0.00	16.85	0.00	1,001.20
78-6	1,012.00	10/26/2005	5.75	0.00	17.46	0.00	1,006.25
GMA4-1	1,012.35	10/26/2005	21.98	0.00	28.13	0.00	990.37
GMA4-2	1,006.22	10/26/2005	13.03	0.00	19.80	0.00	993.19
GMA4-3	1,003.95	7/14/2005	17.61	0.00	26.24	0.00	986.34
GMA4-3	1,003.95	8/24/2005	18.32	0.00	26.25	0.00	985.63
GMA4-3	1,003.95	9/20/2005	18.75	0.00	26.26	0.00	985.20
GMA4-3	1,003.95	10/26/2005	16.88	0.00	26.24	0.00	987.07
GMA4-3	1,003.95	11/28/2005	16.75	0.00	26.26	0.00	987.20
GMA4-3	1,003.95	12/27/2005	16.82	0.00	26.25	0.00	987.13
GMA4-4	999.64	10/26/2005	9.97	0.00	23.06	0.00	989.67
GMA4-5	993.34	9/20/2005	12.71	0.00	18.20	0.00	980.63
H78B-13R	992.93	10/26/2005	9.58	0.00	19.90	0.00	983.35
H78B-15	1,012.68	10/17/2005	12.70	0.00	18.21	0.00	999.98
H78B-15	1,012.68	10/26/2005	13.08	0.00	18.16	0.00	999.60
H78B-16	999.33	9/14/2005	13.68	0.00	16.98	0.00	985.65
H78B-16	999.33	10/10/2005	12.11	0.00	16.75	0.00	987.22
H78B-16	999.33	10/26/2005	10.83	0.00	16.90	0.00	988.50
H78B-17	1,002.54	10/26/2005	16.12	0.00	18.93	0.00	986.42
H78B-17R	1,000.31	9/14/2005	14.24	0.00	24.97	0.00	986.07
H78B-17R	1,000.31	10/13/2005	15.10	0.00	26.70	0.00	985.21
H78B-17R	1,000.31	10/26/2005	12.60	0.00	24.91	0.00	987.71
NY-4	1,024.24	10/26/2005	Unable To Locate				NA
OPCA-MW-1	1,019.60	10/12/2005	8.36	0.00	32.51	0.00	1,011.24
OPCA-MW-1	1,019.60	10/26/2005	7.14	0.00	32.59	0.00	1,012.46
OPCA-MW-2	1,019.58	10/12/2005	18.50	0.00	25.35	0.00	1,001.08
OPCA-MW-2	1,019.58	10/26/2005	16.69	0.00	25.31	0.00	1,002.89
OPCA-MW-3	1,014.83	10/12/2005	21.90	0.00	27.50	0.00	992.93
OPCA-MW-3	1,014.83	10/26/2005	20.33	0.00	27.40	0.00	994.50
OPCA-MW-4	1,018.67	10/11/2005	13.50	0.00	21.50	0.00	1,005.17
OPCA-MW-4	1,018.67	10/26/2005	12.05	0.00	21.48	0.00	1,006.62
OPCA-MW-5R	1,016.34	10/11/2005	13.32	0.00	21.45	0.00	1,003.02
OPCA-MW-5R	1,016.34	10/26/2005	11.91	0.00	21.61	0.00	1,004.43
OPCA-MW-6	1,022.31	10/17/2005	17.14	0.00	23.88	0.00	1,005.17
OPCA-MW-6	1,022.31	10/26/2005	16.73	0.00	23.83	0.00	1,005.58
OPCA-MW-7	1,026.57	10/11/2005	23.00	0.00	23.53	0.00	1,003.57
OPCA-MW-7	1,026.57	10/14/2005	22.80	0.00	23.80	0.00	1,003.77
OPCA-MW-7	1,026.57	10/17/2005	22.34	0.00	23.67	0.00	1,004.23
OPCA-MW-7	1,026.57	10/18/2005	22.71	0.00	23.67	0.00	1,003.86
OPCA-MW-7	1,026.57	10/19/2005	22.58	0.00	23.67	0.00	1,003.99
OPCA-MW-7	1,026.57	10/20/2005	22.35	0.00	23.67	0.00	1,004.22
OPCA-MW-7	1,026.57	10/26/2005	20.87	0.00	23.63	0.00	1,005.70
OPCA-MW-8	1,027.40	10/13/2005	14.60	0.00	21.80	0.00	1,012.80
OPCA-MW-8	1,027.40	10/26/2005	11.33	0.00	21.76	0.00	1,016.07
RF-14	1,001.59	10/26/2005	8.04	0.00	22.61	0.00	993.55

TABLE E-1
FALL 2005 GROUNDWATER ELEVATION/NAPL MONITORING DATA

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR FALL 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RF-15	1,011.80	10/26/2005	13.96	0.00	20.56	0.00	997.84
UB-MW-5	1,006.06	10/11/2005	15.40	0.00	15.45	0.00	990.66
UB-MW-5	1,006.06	10/26/2005	14.50	0.00	15.40	0.00	991.56
UB-MW-5	1,006.06	11/1/2005	14.50	0.00	15.45	0.00	991.56
UB-MW-6	1,019.79	10/26/2005	22.44	0.00	34.94	0.00	997.35

Notes:

1. ft BMP - feet Below Measuring Point.
2. NA - indicates information not available.

Appendix F

Fall 2005 Data Validation Report

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

APPENDIX F
GROUNDWATER SAMPLING DATA VALIDATION REPORT
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

1.0 General

This attachment summarizes the Tier I and Tier II data reviews performed for groundwater samples collected during Remedial Investigation activities conducted at the Groundwater Management Area 4 site located in Pittsfield, Massachusetts. 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 CT&E) of Charleston, West Virginia. Data validation was performed for 15 PCB samples, 18 volatile organic compound (VOC) samples, 14 semi-volatile organic compound (SVOC) samples, 14 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 15 metal samples, and 28 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, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. (BBL; FSP/QAPP, approved May 25, 2004 and resubmitted June 15, 2004);

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

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);

- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);

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

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

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

The following data qualifiers 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 and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table F-1 for consistency with documents previously prepared for investigations conducted at this 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 and in Table F-1 for consistency with documents previously prepared for this investigation.

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

3.0 Data Validation Procedures

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

A Tier II review was performed to resolve data usability limitations identified from laboratory qualification of the data. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the samples subjected to Tier I and Tier II data evaluations 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	13	1	1	15
VOCs	0	0	0	14	1	3	18
SVOCs	0	0	0	12	1	1	14
PCDDs/PCDFs	0	0	0	12	1	1	14
Metals	0	0	0	13	1	1	15
Cyanide/Sulfide	0	0	0	24	2	2	28
Total	**0**	**0**	**0**	**88**	**7**	**9**	**104**

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 USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

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	1,4-Dioxane	14	J
SVOCs	Safrole	14	J

The continuing calibration criterion for VOCs and 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
VOCs	1,4-Dioxane	4	J
	Acrylonitrile	1	J
SVOCs	4-Nitroquinoline-1-oxide	11	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).

Initial calibration criterion for organic compounds requires that the correlation coefficient of the initial calibration must be greater than or equal to 0.99. Sample data for compounds associated with a correlation coefficient value less than 0.99 were qualified as estimated (J). The compound that exceeded initial calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compound Qualified Due to Initial Calibration Correlation Coefficients Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Benzidine	14	J

The initial calibration criterion for organic compounds requires that the percent relative standard deviation (%RSD) must be less than or equal to 30%. Sample data for detect and non-detect compounds with %RSD values greater than 30% were qualified as estimated (J). The compound that exceeded initial calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compound Qualified Due to Exceedence of %RSD Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Hexachlorophene	14	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	1,1,1,2-Tetrachloroethane	4	J
	1,1-Dichloroethene	1	J
	2-Butanone	5	J
	2-Hexanone	5	J
	Acrolein	5	J
	Acrylonitrile	5	J
	Carbon Disulfide	5	J
	Chloroethane	5	J
	Dichlorodifluoromethane	10	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs (continued)	Methacrylonitrile	5	J
	Propionitrile	9	J
	Tetrachloroethene	4	J
	Trichlorofluoromethane	6	J
SVOCs	1,3,5-Trinitrobenzene	14	J
	1,3-Dinitrobenzene	13	J
	1,4-Naphthoquinone	1	J
	2,3,4,6-Tetrachlorophenol	9	J
	2,4-Dinitrophenol	3	J
	2-Acetylaminofluorene	10	J
	2-Naphthylamine	14	J
	3,3'-Dimethylbenzidine	2	J
	4,6-Dinitro-2-methylphenol	1	J
	4-Aminobiphenyl	14	J
	4-Nitrophenol	3	J
	4-Nitroquinoline-1-oxide	14	J
	a,a'-Dimethylphenethylamine	14	J
	Aniline	2	J
	Aramite	10	J
	Benzidine	14	J
	bis(2-Chloroisopropyl)ether	3	J
	Diallate	3	J
	Hexachlorocyclopentadiene	14	J
	Hexachlorophene	14	J
	Hexachloropropene	2	J
	Isosafrole	14	J
	Methapyrilene	10	J
	Phenacetin	2	J
	Safrole	11	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
Metals	Selenium	8	J
	Thallium	7	J

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery be within the laboratory-generated QC control limits specified on the MS reporting form. Associated sample results with MS/MSD recoveries that were less than the laboratory-generated QC control limits and have recoveries greater than 10% were qualified as estimated (J). Associated non-detect organic sample results that exhibited MS/MSD recoveries below 10% were qualified as rejected (R). The compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to MS/MSD Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1,2,4-Trichlorobenzene	1	J
	1,4-Dichlorobenzene	1	J
	Acenaphthene	1	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 compounds that exceeded the RPD limit and the number of samples qualified due to deviations are presented in the following table.

Compounds Qualified Due to MS/MSD RPD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1,2,4-Trichlorobenzene	1	J
	1,4-Dichlorobenzene	1	J
	2,4-Dinitrotoluene	1	J
	Acenaphthene	1	J
	N-Nitroso-di-n-propylamine	1	J
	Pyrene	1	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction must be within the laboratory-specified control limits. Sample results were qualified as estimated (J) for all compounds when surrogate recovery criteria were outside control limits and were greater than 10%. Non-detect sample results associated with surrogate recoveries less than 10% were qualified as rejected (R). A summary of the compounds affected by surrogate recovery exceedences and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	3	R
	Aroclor-1221	3	R
	Aroclor-1232	3	R
	Aroclor-1242	3	R
	Aroclor-1248	3	R
	Aroclor-1254	1	J
		2	R
	Aroclor-1260	3	R
	Total PCBs	1	J
		2	R
SVOCs	All Surrogate Recovery Acid	2	R
	All Surrogate Recovery Base-neutral	1	J

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between field duplicate samples is required to be less than 30% for water sample values greater than five times the PQL for organics. Sample results that exceeded these limits were qualified as estimated (J). The compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Field Duplicate Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1254	2	J
	Total PCBs	2	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 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	Nickel	2	U
	Chromium	5	U
	Lead	2	U
	Zinc	6	U
VOCs	Acetone	1	U
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	U
	2,3,7,8-TCDF	1	U
	OCDD	14	U
	TCDFs (total)	1	U
Cyanides/Sulfides	Cyanide	2	U

5.0 Overall Data Usability

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

Data Usability

Parameter	Percent Usability	Rejected Data
Metals	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	98.0	A total of 32 sample results were rejected due to surrogate recovery deviations.
PCBs	80.0	A total of 22 individual Aroclor results from three samples were rejected due to surrogate recovery deviations.
PCDDs/PCDFs	100	None

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

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.12% of the data required qualification due to field duplicate RPD deviations, and 0.03% of the data required qualification due to MS/MSD RPD deviations. None of the data required qualification due to 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, Laboratory Control Samples (LCSs), MS/MSD samples, and surrogate compound recoveries. For this analytical program, 10.4% of the data required qualification due to instrument calibration deviations, 0.03% of the data required qualification due to MS/MSD recovery deviations, and 4.6% of the data required qualification due to surrogate compound recovery deviations. None of the data required qualification due to internal standards deviations or LCS recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter, which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in MDEP-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification 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. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

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

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 80.0 to 100% for individual analytical parameters and had an overall usability of 96.3%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected sample data for these investigations include sample analyses results for 22 PCB Aroclors for sample locations GMA4-RB-1 (Filtered), OPCA-MW-3 (Filtered), and OPCA-MW-8 (Filtered) and 32 SVOCs for sample locations OPCA-MW-1 and OPCA-MW-3 due to low surrogate recoveries. Re-extraction has demonstrated matrix interference and the same analytical performance limitations for the analysis could occur again; therefore, resampling at this location is not recommended.

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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											
5J0P238	78-1 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	78-6 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	DUP-2 (Filtered)	10/12/2005	Water	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Water)	45.2%	<30%	0.00019 J	OPCA-MW-2
						Total PCBs	Field Duplicate RPD (Water)	45.2%	<30%	0.00019 J	
5J0P238	OPCA-MW-1 (Filtered)	10/12/2005	Water	Tier II	No						
5J0P238	OPCA-MW-2 (Filtered)	10/12/2005	Water	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Water)	45.2%	<30%	0.00012 J	
						Total PCBs	Field Duplicate RPD (Water)	45.2%	<30%	0.00012 J	
5J0P238	OPCA-MW-4 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	OPCA-MW-5R (Filtered)	10/11/2005	Water	Tier II	No						
5J0P321	GMA4-RB-1 (Filtered)	10/14/2005	Water	Tier II	Yes	Aroclor-1016	Surrogate Recovery	5.2%	30% to 132%	R	
						Aroclor-1221	Surrogate Recovery	5.2%	30% to 132%	R	
						Aroclor-1232	Surrogate Recovery	5.2%	30% to 132%	R	
						Aroclor-1242	Surrogate Recovery	5.2%	30% to 132%	R	
						Aroclor-1248	Surrogate Recovery	5.2%	30% to 132%	R	
						Aroclor-1254	Surrogate Recovery	5.2%	30% to 132%	R	
						Aroclor-1260	Surrogate Recovery	5.2%	30% to 132%	R	
						Total PCBs	Surrogate Recovery	5.2%	30% to 132%	R	
5J0P321	OPCA-MW-3 (Filtered)	10/12/2005	Water	Tier II	Yes	Aroclor-1016	Surrogate Recovery	8.8%	30% to 132%	R	
						Aroclor-1221	Surrogate Recovery	8.8%	30% to 132%	R	
						Aroclor-1232	Surrogate Recovery	8.8%	30% to 132%	R	
						Aroclor-1242	Surrogate Recovery	8.8%	30% to 132%	R	
						Aroclor-1248	Surrogate Recovery	8.8%	30% to 132%	R	
						Aroclor-1254	Surrogate Recovery	8.8%	30% to 132%	0.000047 J	
						Aroclor-1260	Surrogate Recovery	8.8%	30% to 132%	R	
						Total PCBs	Surrogate Recovery	8.8%	30% to 132%	0.000047 J	
5J0P321	OPCA-MW-8 (Filtered)	10/13/2005	Water	Tier II	Yes	Aroclor-1016	Surrogate Recovery	3.1%	30% to 132%	R	
						Aroclor-1221	Surrogate Recovery	3.1%	30% to 132%	R	
						Aroclor-1232	Surrogate Recovery	3.1%	30% to 132%	R	
						Aroclor-1242	Surrogate Recovery	3.1%	30% to 132%	R	
						Aroclor-1248	Surrogate Recovery	3.1%	30% to 132%	R	
						Aroclor-1254	Surrogate Recovery	3.1%	30% to 132%	R	
						Aroclor-1260	Surrogate Recovery	3.1%	30% to 132%	R	
						Total PCBs	Surrogate Recovery	3.1%	30% to 132%	R	
5J0P372	H78B-15 (Filtered)	10/17/2005	Water	Tier II	No						
5J0P372	OPCA-MW-6 (Filtered)	10/17/2005	Water	Tier II	No						
5J0P372	UB-MW-5 (Filtered)	10/18/2005	Water	Tier II	No						
5J0P372	UB-MW-5	10/18/2005	Water	Tier II	No						
5J0P435	OPCA-MW-7 (Filtered)	10/19/2005	Water	Tier II	No						
Metals											
5J0P238	78-1 (Filtered)	10/11/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.01)	
						Zinc	Method Blank	-	-	ND(0.02)	
5J0P238	78-6 (Filtered)	10/11/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.01)	
5J0P238	DUP-2 (Filtered)	10/12/2005	Water	Tier II	Yes	Zinc	Method Blank	-	-	ND(0.02)	OPCA-MW-2
5J0P238	OPCA-MW-1 (Filtered)	10/12/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.01)	
						Zinc	Method Blank	-	-	ND(0.02)	
5J0P238	OPCA-MW-2 (Filtered)	10/12/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.01)	
						Zinc	Method Blank	-	-	ND(0.02)	
5J0P238	OPCA-MW-4 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	OPCA-MW-5R (Filtered)	10/11/2005	Water	Tier II	Yes	Zinc	Method Blank	-	-	ND(0.02)	
5J0P321	GMA4-RB-1 (Filtered)	10/14/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	135.0%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	142.3%	80% to 120%	ND(0.0100) J	
5J0P321	OPCA-MW-3 (Filtered)	10/12/2005	Water	Tier II	Yes	Nickel	Calibration Blank	-	-	ND(0.04)	
						Selenium	CRDL Standard %R	135.0%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	142.3%	80% to 120%	ND(0.0100) J	
5J0P321	OPCA-MW-8 (Filtered)	10/13/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	135.0%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	142.3%	80% to 120%	ND(0.0100) J	
5J0P372	H78B-15 (Filtered)	10/17/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	121.9%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	125.8%	80% to 120%	ND(0.0100) J	
						Lead	Method Blank	-	-	ND(0.003)	
						Zinc	Method Blank	-	-	ND(0.02)	
5J0P372	OPCA-MW-6 (Filtered)	10/17/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	121.9%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	125.8%	80% to 120%	ND(0.0100) J	
						Lead	Method Blank	-	-	ND(0.003)	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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
Metals (continued)											
5J0P372	OPCA-MW-7 (Filtered)	10/17/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	121.9%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	125.8%	80% to 120%	ND(0.0100) J	
5J0P444	UB-MW-5	10/21/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	121.9%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	125.8%	80% to 120%	ND(0.0100) J	
						Nickel	Calibration Blank	-	-	ND(0.040)	
5J0P444	UB-MW-5 (Filtered)	10/21/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	
						Selenium	CRDL Standard %R	139.8%	80% to 120%	ND(0.00500) J	
VOCs											
5J0P238	78-1	10/11/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	35.2%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	27.0%	<25%	ND(0.10) J	
						Carbon Disulfide	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chloroethane	CCAL %D	49.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	48.4%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	36.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	36.8%	<25%	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	40.0%	<25%	ND(0.0050) J	
5J0P238	78-6	10/11/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	35.2%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	27.0%	<25%	ND(0.10) J	
						Carbon Disulfide	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chloroethane	CCAL %D	49.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	48.4%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	36.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	36.8%	<25%	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	40.0%	<25%	ND(0.0050) J	
5J0P238	DUP-2	10/12/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	OPCA-MW-2
5J0P238	H78B-16	10/10/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
5J0P238	OPCA-MW-1	10/12/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	35.2%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	27.0%	<25%	ND(0.10) J	
						Carbon Disulfide	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chloroethane	CCAL %D	49.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	48.4%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	36.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	36.8%	<25%	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	40.0%	<25%	ND(0.0050) J	
5J0P238	OPCA-MW-2	10/12/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
5J0P238	OPCA-MW-4	10/11/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	35.2%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	27.0%	<25%	ND(0.10) J	
						Carbon Disulfide	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chloroethane	CCAL %D	49.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	48.4%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	36.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	36.8%	<25%	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	40.0%	<25%	ND(0.0050) J	
5J0P238	OPCA-MW-5R	10/11/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
						2-Butanone	CCAL %D	35.2%	<25%	ND(0.010) J	
						2-Hexanone	CCAL %D	26.0%	<25%	ND(0.010) J	
						Acrolein	CCAL %D	27.0%	<25%	ND(0.10) J	
						Carbon Disulfide	CCAL %D	25.6%	<25%	ND(0.0050) J	
						Chloroethane	CCAL %D	49.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	48.4%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	36.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	36.8%	<25%	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	40.0%	<25%	ND(0.0050) J	
5J0P238	TRIP BLANK	10/12/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.20) J	
5J0P321	GMA4-RB-1	10/14/2005	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	30.8%	<25%	ND(0.0050) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P321	GMA4-RB-1	10/14/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
5J0P321	H78B-17R	10/13/2005	Water	Tier II	Yes	1,1-Dichloroethene	CCAL %D	39.6%	<25%	ND(0.020) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.020) J	
						Acrylonitrile	CCAL RRF	0.042	>0.05	ND(0.020) J	
						Dichlorodifluoromethane	CCAL %D	42.0%	<25%	ND(0.020) J	
						Trichlorofluoromethane	CCAL %D	34.0%	<25%	ND(0.020) J	
5J0P321	OPCA-MW-3	10/12/2005	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	30.8%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
5J0P321	OPCA-MW-8	10/13/2005	Water	Tier II	Yes	Acetone	Associated Blanks	-	-	ND(0.01)	
						1,1,1,2-Tetrachloroethane	CCAL %D	30.8%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
5J0P321	TRIP BLANK	10/14/2005	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	30.8%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
5J0P372	H78B-15	10/17/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	42.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	48.0%	<25%	ND(0.010) J	
						Tetrachloroethene	CCAL %D	56.8%	<25%	ND(0.0020) J	
5J0P372	OPCA-MW-6	10/17/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	42.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	48.0%	<25%	ND(0.010) J	
						Tetrachloroethene	CCAL %D	56.8%	<25%	ND(0.0020) J	
5J0P372	OPCA-MW-7	10/17/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	42.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	48.0%	<25%	ND(0.010) J	
						Tetrachloroethene	CCAL %D	56.8%	<25%	ND(0.0020) J	
5J0P372	UB-MW-5	10/18/2005	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						Acrylonitrile	CCAL %D	99.9%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	42.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	48.0%	<25%	ND(0.010) J	
						Tetrachloroethene	CCAL %D	56.8%	<25%	ND(0.0020) J	
SVOCs											
5J0P238	78-1	10/11/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.3%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	61.9%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	39.6%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	CCAL %D	38.5%	<25%	ND(0.050) J	
						2-Acetylaminofluorene	CCAL %D	42.8%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						3,3'-Dimethylbenzidine	CCAL %D	34.6%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	63.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.6%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	85.5%	<25%	ND(0.010) J	
						Aniline	CCAL %D	27.1%	<25%	ND(0.010) J	
						Aramite	CCAL %D	56.0%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	90.0%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	26.8%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.010) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	31.7%	<25%	ND(0.010) J	
						Phenacetin	CCAL %D	27.8%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	35.2%	<25%	ND(0.010) J	
5J0P238	78-6	10/11/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.3%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	61.9%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	39.6%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	CCAL %D	38.5%	<25%	ND(0.050) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P238	78-6	10/11/2005	Water	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	42.8%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						3,3'-Dimethylbenzidine	CCAL %D	34.6%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	63.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.6%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	85.5%	<25%	ND(0.010) J	
						Aniline	CCAL %D	27.1%	<25%	ND(0.010) J	
						Aramite	CCAL %D	56.0%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.0%	<25%	ND(0.020) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	26.8%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.010) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	31.7%	<25%	ND(0.010) J	
						Phenacetin	CCAL %D	27.8%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	35.2%	<25%	ND(0.010) J	
5J0P238	DUP-2	10/12/2005	Water	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	29.9%	<25%	ND(0.010) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.050) J	
						2-Picoline	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.020) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						3-Nitroaniline	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.050) J	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Acenaphthene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P238	DUP-2	10/12/2005	Water	Tier II	Yes	Acenaphthylene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Acetophenone	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Aniline	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Anthracene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Aramite	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Benzidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.020) J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Benzyl Alcohol	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.020) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.0060) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Chrysene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Diallate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Diphenylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Fluoranthene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Fluorene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.020) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Isodrin	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Isophorone	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Isosafrole	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Methapyrilene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Naphthalene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						o-Toluidine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P238	DUP-2	10/12/2005	Water	Tier II	Yes	Pentachloroethane	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Phenacetin	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Phenanthrene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pronamide	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pyrene	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pyridine	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
						Safrole	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Thionazin	Surrogate Recovery Base-neutral	23.0%, 18.0%, 15.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
5J0P238	OPCA-MW-1	10/12/2005	Water	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	36.0%	39.0% to 92.0%	ND(0.010) J	
						1,2,4-Trichlorobenzene	MS/MSD RPD	40.0%	<28%	ND(0.010) J	
						1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						1,4-Dichlorobenzene	MS %R	35.0%	36.0% to 79.0%	ND(0.010) J	
						1,4-Dichlorobenzene	MS/MSD RPD	29.0%	<28%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dinitrotoluene	MS/MSD RPD	39.0%	<38%	ND(0.010) J	
						2,6-Dichlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Chlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2-Methylphenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						2-Nitrophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						4-Nitrophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						Acenaphthene	MS %R	41.0%	46.0% to 118.0%	ND(0.010) J	
						Acenaphthene	MS/MSD RPD	44.0%	<31%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						N-Nitroso-di-n-propylamine	MS/MSD RPD	42.0%	<38%	ND(0.010) J	
						Pentachlorophenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						Phenol	Surrogate Recovery Acid	1.6%, 1.0%	21.0% to 100.0%, 10.0% to 94.0%	R	
						Pyrene	MS/MSD RPD	66.0%	<31%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P238	OPCA-MW-2	10/12/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P238	OPCA-MW-2	10/12/2005	Water	Tier II	Yes	Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P238	OPCA-MW-4	10/11/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P238	OPCA-MW-5R	10/11/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P321	GMA4-RB-1	10/14/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P321	GMA4-RB-1	10/14/2005	Water	Tier II	Yes	Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P321	OPCA-MW-3	10/12/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	Used Original Sample
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Chlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2-Methylphenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						2-Nitrophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						4-Nitrophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Pentachlorophenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						Phenol	Surrogate Recovery Acid	2.0%, 1.0%, 1.2%	10.0% to 123.0%, 21.0% to 100.0%, 10.0% to 94.0%	R	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P321	OPCA-MW-8	10/13/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	43.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	48.9%	<25%	ND(0.010) J	
						2-Acetylaminofluorene	CCAL %D	29.9%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	26.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	62.3%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	66.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	84.4%	<25%	ND(0.010) J	
						Aramite	CCAL %D	29.4%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	99.6%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	27.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.7%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	29.7%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	32.6%	<25%	ND(0.010) J	
5J0P372	H78B-15	10/17/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	49.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	36.2%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	30.2%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	31.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	27.5%	<25%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	26.5%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	46.4%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	69.6%	<25%	ND(0.010) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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)											
5J0P372	H78B-15	10/17/2005	Water	Tier II	Yes	Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	92.1%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.5%	<25%	ND(0.010) J	
						Diallate	CCAL %D	42.6%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	35.8%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.5%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5J0P372	OPCA-MW-6	10/17/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	49.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	36.2%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	30.2%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	31.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	27.5%	<25%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	26.5%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	46.4%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	69.6%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	92.1%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.5%	<25%	ND(0.010) J	
						Diallate	CCAL %D	42.6%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	35.8%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.5%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5J0P372	OPCA-MW-7	10/17/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	49.9%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	36.2%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	30.2%	<25%	ND(0.010) J	
						2-Naphthylamine	CCAL %D	31.7%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	27.5%	<25%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	26.5%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	46.4%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	69.6%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	92.1%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	27.5%	<25%	ND(0.010) J	
						Diallate	CCAL %D	42.6%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	35.8%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	99.5%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5J0P558	UB-MW-5	10/28/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	44.4%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	25.6%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	CCAL %D	54.8%	<25%	ND(0.050) J	
						2-Naphthylamine	CCAL %D	33.9%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	43.6%	<25%	ND(0.050) J	
						4-Aminobiphenyl	CCAL %D	38.1%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL %D	29.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	60.1%	<25%	ND(0.010) J	
						Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
						Benzidine	CCAL %D	73.8%	<25%	ND(0.020) J	
						Hexachlorocyclopentadiene	CCAL %D	59.6%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
						Hexachlorophene	CCAL %D	89.0%	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
						Safrole	CCAL %D	25.1%	<25%	ND(0.010) J	
PCDDs/PCDFs											
5J0P238	78-1	10/11/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000022)	
5J0P238	78-6	10/11/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000013)	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
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
PCDDs/PCDFs (continued)											
5J0P238	DUP-2	10/12/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000026)	OPCA-MW-2
5J0P238	OPCA-MW-1	10/12/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000016)	
5J0P238	OPCA-MW-2	10/12/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000029)	
5J0P238	OPCA-MW-4	10/11/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000020)	
5J0P238	OPCA-MW-5R	10/11/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000018)	
5J0P321	GMA4-RB-1	10/14/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000015)	
5J0P321	OPCA-MW-3	10/12/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000022)	
5J0P321	OPCA-MW-8	10/13/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000039)	
5J0P372	H78B-15	10/17/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000011)	
5J0P372	OPCA-MW-6	10/17/2005	Water	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.000000010)	
5J0P444	OPCA-MW-7	10/20/2005	Water	Tier II	Yes	2,3,7,8-TCDF	Method Blank	-	-	ND(0.0000000048)	
						OCDD	Method Blank	-	-	ND(0.000000018)	
						TCDFs (total)	Method Blank	-	-	ND(0.0000000048)	
5K0P288	UB-MW-5	11/1/2005	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000000075)	
						OCDD	Method Blank	-	-	ND(0.000000061)	
Cyanides/Sulfides											
5J0P238	78-1	10/11/2005	Water	Tier II	No						
5J0P238	78-1 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	78-6	10/11/2005	Water	Tier II	No						
5J0P238	78-6 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	DUP-2	10/12/2005	Water	Tier II	No						OPCA-MW-2
5J0P238	DUP-2 (Filtered)	10/12/2005	Water	Tier II	No						OPCA-MW-2
5J0P321	GMA4-RB-1	10/14/2005	Water	Tier II	No						
5J0P321	GMA4-RB-1 (Filtered)	10/14/2005	Water	Tier II	No						
5J0P372	H78B-15	10/17/2005	Water	Tier II	No						
5J0P372	H78B-15 (Filtered)	10/17/2005	Water	Tier II	No						
5J0P238	OPCA-MW-1	10/12/2005	Water	Tier II	No						
5J0P238	OPCA-MW-1 (Filtered)	10/12/2005	Water	Tier II	No						
5J0P238	OPCA-MW-2	10/12/2005	Water	Tier II	No						
5J0P238	OPCA-MW-2 (Filtered)	10/12/2005	Water	Tier II	No						
5J0P321	OPCA-MW-3	10/12/2005	Water	Tier II	No						
5J0P321	OPCA-MW-3 (Filtered)	10/12/2005	Water	Tier II	Yes	Cyanide	Rinse Blank	-	-	ND(0.01)	
5J0P238	OPCA-MW-4	10/11/2005	Water	Tier II	No						
5J0P238	OPCA-MW-4 (Filtered)	10/11/2005	Water	Tier II	No						
5J0P238	OPCA-MW-5R	10/11/2005	Water	Tier II	No						
5J0P238	OPCA-MW-5R (Filtered)	10/11/2005	Water	Tier II	No						
5J0P372	OPCA-MW-6	10/17/2005	Water	Tier II	No						
5J0P372	OPCA-MW-6 (Filtered)	10/17/2005	Water	Tier II	No						
5J0P435	OPCA-MW-7	10/19/2005	Water	Tier II	No						
5J0P372	OPCA-MW-7 (Filtered)	10/17/2005	Water	Tier II	No						
5J0P321	OPCA-MW-8	10/13/2005	Water	Tier II	No						
5J0P321	OPCA-MW-8 (Filtered)	10/13/2005	Water	Tier II	Yes	Cyanide	Rinse Blank	-	-	ND(0.01)	
5J0P483	UB-MW-5	10/24/2005	Water	Tier II	No						
5J0P435	UB-MW-5 (Filtered)	10/19/2005	Water	Tier II	No						