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USA

Transmitted Via Overnight Courier

August 30, 2005

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 Spring 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 Spring 2005.* This report summarizes activities performed at Groundwater Management Area (GMA) 4 (also known as the Plant Site 3 GMA) during spring 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 Spring 2005

General Electric Company
Pittsfield, Massachusetts

August 2005

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 Spring 2005* (Spring 2005 Groundwater Quality Report) presents the results of groundwater sampling activities performed at this GMA during April 2005. In addition to the activities that occurred at this GMA in April 2005, well GMA4-5 was sampled on March 31, 2005 as part of groundwater investigation activities governed by a separate Administrative Consent Order (ACO) executed between GE and MDEP at the Commercial Street ACO Site. The results of that sampling were transmitted in a letter to MDEP dated May 31, 2005, while prior sampling results from this location were documented in a report entitled *Commercial Street Site, Pittsfield, Massachusetts (GEACO230); Evaluation of Groundwater Conditions*, dated January 14, 2005 and have also been summarized in prior GMA 4 groundwater quality reports.

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 fall 2005.

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 GMA4-5, H76B-16, and H78B-17R are sampled 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, groundwater containing TCE is present 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 and spring 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 an ongoing groundwater monitoring program being conducted relative to the Commercial Street ACO site.

- 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 spring 2005 groundwater sampling event on April 1, 2005 and completed the required data collection at all of the GMA 4 locations scheduled to be sampled during the spring 2005 sampling event on April 7, 2005 (well GMA4-5 was also sampled on March 31, 2005 as part of the monitoring round conducted under the Commercial Street Site ACO). The GMA 4 interim monitoring program activities performed in spring 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 spring 2005. Section 3 presents the analytical results obtained during the spring 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 spring 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 spring 2005 are provided in Table 2, and the spring 2005 field sampling data 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 spring 2005 groundwater elevation monitoring at GMA 4 was performed on April 19, 2005 with the exception of three wells that were gauged on either April 20, 2005 or April 22, 2005. This activity involved collecting groundwater level data at the wells listed in Table 3. The spring 2005 groundwater elevation data 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. Field observations and measurements indicate that NAPL has not entered either of these wells or been encountered in any of the other wells monitored and/or sampled during the spring 2005 interim sampling event.

2.3 Groundwater Sampling and Analysis

2.3.1 GMA 4 Sampling

The spring 2005 interim sampling event was performed between April 1, 2005 and April 7, 2005 at 14 groundwater monitoring wells, which include: 11 groundwater monitoring wells associated with the OPCA monitoring program; two wells in the baseline groundwater quality sampling program that have been sampled on less than four occasions for all parameters (H78B-13R, and UB-MW-5); and one other groundwater monitoring well (GMA4-5) that is located downgradient of GMA 4. Well construction information for the GMA 4 monitoring wells is included in Table 2.

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 spring 2005 sampling event are provided in Table 4 and are identified on the sampling records contained in Appendix D.

Low-flow sampling techniques, using either a bladder or peristaltic pump, were utilized for the purging and collection of groundwater samples during this sampling event. Each monitoring well that was sampled was purged utilizing low-flow sampling techniques until field parameters (including temperature, pH, specific conductivity, turbidity, dissolved oxygen, and, oxidation-reduction potential) stabilized prior to sample collection. Field parameters were measured in combination with the sampling activities at the monitoring wells. The field parameter measurements are presented in Table 5 and the field sampling records are provided in Appendix D. A general summary of the field measurement results during the spring 2005 monitoring event is provided below.

PARAMETER	UNITS	RANGE
Temperature	Degrees Celsius	**5.71 – 12.66**
pH	pH units	**6.46 – 7.89**
Specific Conductivity	Millisiemens per centimeter	**0.45 – 2.56**
Turbidity	NTUs	**1.0 – 34**
Dissolved Oxygen	Milligrams per liter	**0.38 – 14.50**
Oxidation-Reduction Potential	Millivolts	**-71.1 – 258.0**

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 the wells that were monitored solely for compliance with the GW-2 standards (as discussed below), 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

For well GMA4-5, which was designated as a GW-2 sentinel/compliance well in the GMA 4 interim monitoring program, the groundwater sample was submitted for analysis of VOCs, SVOCs, PCBs and extractable petroleum hydrocarbons, in accordance with the Commercial Street ACO Site groundwater monitoring requirements. For completeness, the SVOC, PCB, and extractable petroleum hydrocarbon data for well GMA4-5 have been incorporated into this report; however, those data are not required under the GMA 4 interim

monitoring program and the analyses of those constituents pertains only to the groundwater quality activities being conducted at the Commercial Street Site.

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 spring 2005 interim groundwater quality sampling were validated in accordance with the FSP/QAPP. As discussed in the validation report provided as Appendix E, 99.8% of the spring 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, PCB, PCDD/PCDF, and inorganic sample results were found to be 100% usable, while the SVOC sample results were found to be 99.1% usable.

2.3.2 Pittsfield Generating Company Sampling

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

3. Groundwater Analytical Results

3.1 General

A description of the spring 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 spring 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 13 groundwater samples were collected from 12 monitoring wells and analyzed for VOCs during the spring 2005 sampling event (one additional sample was collected from well GMA4-5 during the spring 2005 quarterly sampling event and are reported herein). The VOC analytical results are summarized in Table A-1 within Appendix A. No VOCs were detected in six of the groundwater samples, while four individual VOCs were observed at trace concentrations below their respective PQLs in one or more of the remaining eight samples. Total VOC concentrations ranged from non-detect (in four samples) to an estimated concentration of 0.0063 ppm (with a duplicate having an estimated concentration of 0.016 ppm).

3.2.2 SVOC Results

A total of 14 groundwater samples were and analyzed for SVOCs during the spring 2005 sampling event (including one additional sample from well GMA4-5). Two SVOCs, 2,4-dimethylphenol and naphthalene, were detected at monitoring well OPCA-MW-5R at estimated concentrations of 0.0038 ppm and 0.0083 ppm,

respectively. No SVOCs were detected in any of the other samples. The SVOC analytical results are summarized in Table A-1 within Appendix A.

As discussed in Appendix E, the laboratory results for certain acid compounds (i.e., phenolics) were rejected for two samples (OPCA-MW-2, for 4-nitrophenol only, and OPCA-MW-5R, for 15 separate phenolics) due to surrogate recovery deviations outside of the laboratory-specified control limits. The rejected data were originally reported as non-detects, which is consistent with prior analytical results for these locations. Phenolics have never been detected at these wells. Similar issues with the phenolics results at well OPCA-MW-5R were encountered during the fall 2004 sampling event. GE's proposed response to these rejected results is to continue the ongoing semi-annual sampling at wells OPCA-MW-2 and OPCA-MW-5R.

3.2.3 PCB Results

Unfiltered groundwater samples from two monitoring wells and filtered groundwater samples from 13 wells were analyzed for PCBs as part of the spring 2005 sampling event. Because monitoring well UB-MW-5 was being sampled and analyzed for the second time under the baseline monitoring program protocol, and because well GMA4-5 was sampled under the Commercial Street groundwater monitoring program, both unfiltered and filtered samples from these two wells 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. PCBs were detected in one of the two unfiltered samples (well UB-MW-5) and in 10 of the 14 filtered samples. The total detected PCB concentration in the unfiltered sample was 0.000075 ppm, while for the filtered samples, detected PCB concentrations ranged from an estimated concentration of 0.000031 ppm to 0.00051 ppm.

3.2.4 PCDD/PCDF Results

Groundwater samples collected from 12 monitoring wells were analyzed for PCDDs/PCDFs during the spring 2005 sampling event. The analytical results are summarized in Table A-1 within Appendix A. Only one individual PCDD/PCDF congener was detected in one of the groundwater samples analyzed for this parameter. 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 $4.0x10^{-9}$ ppm to $8.1x10^{-9}$ 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 13 monitoring wells (12 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 spring 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 eight individual inorganic constituents were detected in at least one filtered sample. The most commonly observed inorganics were barium (detected in the unfiltered sample and 12 filtered samples), and zinc (detected in the unfiltered sample and 12 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 June 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 third interim groundwater quality monitoring report for GMA 4, and is the ninth monitoring report submitted since commencement of the groundwater monitoring program associated with the OPCAs. The information presented herein is based on the laboratory results obtained during the spring 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.

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 spring 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 – Spring 2005

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the spring 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 spring 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), 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 spring 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 six monitoring wells at GMA 4 that have been designated as GW-2 monitoring wells. These wells are GMA4-5, H78B-15, OPCA-MW-1, OPCA-MW-4, OPCA-MW-5R, and UB-MW-5. The spring 2005 groundwater analytical results for the detected constituents within these five wells were compared to the MCP Method 1 GW-2 standards as presented in Table 6. That comparison indicates that none of the detected constituents exceeded its respective MCP Method 1 GW-2 standard. In addition, none of the GW-2 wells exhibited total VOC concentrations above 5 ppm (the level specified in the SOW as a notification level for GW-2 wells and a potential trigger level for the proposal of interim response actions). For wells where prior analytical data exist, the spring 2005 GW-2 well monitoring results are generally consistent with the prior sampling results, as shown on the graphs contained in Appendix B.

As previously discussed, well GMA4-5 was installed as a downgradient GW-2 well and added to the monitoring program in response to previous analytical results obtained from monitoring wells located along the downgradient boundary of GMA 4. This well was also sampled as part of a separate quarterly groundwater monitoring program for the Commercial Street ACO Site. VOCs were not detected in this well during the spring 2005 sampling event.

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 and spring 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. GE will continue monitoring this well as part of the OPCA semi-annual groundwater monitoring program. As additional data are collected, GE will assess whether further response actions are necessary.

4.3.2 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected for analysis from 12 wells designated as GW-3 monitoring points during the spring 2005 groundwater sampling event, plus well GMA4-5. The analytical results for the constituents detected in the 12 GW-3 wells were compared to the applicable MCP Method 1 GW-3 standards as presented in Table 7. The GW-3 wells sampled during the spring 2005 sampling event are either upgradient perimeter wells (78-1, 78-6, and UB-MW-5) or general source area/sentinel wells (H78B-15, and OPCA-MW-1 through OPCA-MW-8). The comparisons set forth in Table 7 show that the total PCB concentration detected within the filtered sample collected from well OPCA-MW-6 (0.00051 ppm) exceeds 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 H78B-15 (0.014 ppm) slightly exceeded the MCP Method 1 GW-3 groundwater standard of 0.01 ppm. This is the first time that either constituent has exceeded its respective MCP Method 1 GW-3 groundwater standard at these wells. GE will continue monitoring these wells as part of the OPCA semi-annual groundwater monitoring program. 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 spring 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 spring 2005 sampling event and/or the additional quarterly sample collected from well GMA4-5.

4.3.4 Comparison to OPCA Baseline and Prior Groundwater Data

Groundwater samples were collected from 11 OPCA monitoring wells during the spring 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 spring 2005 groundwater sampling results from the OPCA monitoring wells indicate no OPCA-related impacts on concentrations of PCBs or other Appendix IX+3 constituents in groundwater. Although PCBs were detected in the filtered samples collected from nine of the 11 OPCA wells, four of these results were estimated trace concentrations and all detected concentrations with the exception of well OPCA-MW-6 were below the MCP Method 1 GW-3 standard. In addition, no VOCs or SVOCs other than acetone, methylene chloride, toluene, TCE, 2,4-dimethylphenol, and naphthalene were detected in any of the OPCA groundwater samples. The detected concentrations of those and other constituents were below the applicable UCLs, Method 1 GW-2 standards, and/or Method 1 GW-3 standards.

VOCs

Four VOCs were detected in the spring 2005 OPCA monitoring well samples. Acetone, methylene chloride, and TCE were detected at OPCA monitoring well OPCA-MW-4. Acetone and methylene chloride were detected at estimated concentrations of 0.0046 ppm and 0.00086 ppm (with a duplicate sample having a result of non-detect for both constituents), respectively; while TCE was detected at an estimated concentration of 0.0013 ppm in the both the parent and duplicate samples collected at well OPCA-MW-4. Toluene was detected at OPCA monitoring wells 78-1, OPCA-MW-1, OPCA-MW-2, OPCA-MW-4, and OPCA-MW-8 at concentrations that ranged from an estimated concentration of 0.0016 ppm to 0.0088 ppm. These concentrations are well below the MCP Method 1 GW-3 standards and UCLs for the four respective 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 spring 2005 sampling event, only two SVOC constituent were detected in a single OPCA monitoring well sample. These constituents (2,4-dimethylphenol, and naphthalene) were detected at monitoring well OPCA-MW-5R at estimated concentrations of 0.0038ppm and 0.0083 ppm, respectively. These concentrations are well below the applicable MCP Method 1 standards and UCL; however, this is the first time that 2,4-dimethylphenol has been detected at this well or any of the other GMA 4 wells during the baseline sampling activities. Naphthalene was previously detected at well OPCA-MW-5R during the spring 2001 sampling event. 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 spring 2005 PCB results for the OPCA wells indicate that PCBs were detected in nine of the filtered samples. 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 one of the filtered samples contained PCBs slightly above the applicable Method 1 GW-3 standard of 0.0003 ppm (OPCA-MW-6 at a concentration of 0.00051), none were above the applicable UCL of 0.005 ppm.

Other Appendix IX+3 Constituents

Trace levels of PCDDs and PCDFs were observed in only one OPCA groundwater monitoring program well (OPCA-MW-1) during the spring 2005 sampling event. 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 H78B-15, 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 spring 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 spring 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 or OPCA monitoring program sampling events.

Based on a review of the concentration vs. time graphs presented in Appendix B, it appears that concentrations of VOCs and PCBs generally continue to decrease or have consistently not been detected in the majority of the wells that have been monitored. The spring 2005 groundwater sampling and analysis activities performed at GMA 4 indicate no significant impacts on groundwater. All detected constituents with the exception of PCBs and cyanide detected in the filtered samples collected from wells OPCA-MW-6 and H78B-15, respectively, were at levels below the respective Method 1 GW-2 standards, Method 1 GW-3 standards, and/or UCLs.

4.5 NAPL Monitoring Results

During the quarterly groundwater elevation monitoring event that occurred in April 2005, NAPL monitoring was conducted. NAPL was not observed in any of the GMA 4 monitoring wells monitored during the spring of 2005, 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 quarterly groundwater elevation/NAPL monitoring event, GE initiated monthly groundwater elevation/NAPL monitoring at well GMA4-3 in April 2005 to verify that LNAPL has not migrated from GMA 3 to the western side of Plastics Avenue. The results of this monitoring are provided on Table 9, which indicates that LNAPL has not been detected at this location during the three months in which monitoring has been conducted. 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.

5. Proposed Modifications to Interim Groundwater Quality Monitoring Program

5.1 General

In spring 2005, GE conducted the third 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 developed based on the results of the spring 2005 groundwater sampling event.

5.2 Proposed Modification to Interim Groundwater Quality Monitoring Program

As mentioned above, the fourth baseline sample for SVOCs was collected from monitoring well H78B-13R in spring 2005. To determine whether this well should be included in the interim sampling program, GE utilized the criteria previously utilized for other baseline monitoring wells at this GMA: i.e., the average concentration of detected constituents was compared to 50% of the GW-2 and/or GW-3 standards, depending on the well designation. If the average constituent concentration was below the 50% value, the well was not considered for inclusion in the interim monitoring program unless a potentially increasing trend of constituent concentrations is evident in the analytical data.

Well H78B-13R is classified as a GW-3 well and therefore the average concentration of each detected constituent for the four baseline sampling events was compared to 50% of the MCP Method 1 GW-3 standards. For constituents where non-detect quantities are present during one or more of the sampling events, one-half the detection limit was used for calculating the average. For well H78B-13R, this evaluation identified that all average constituent concentration values were below the 50% threshold. Moreover, the concentrations of

constituents detected at this well during the baseline program show a general decreasing trend (as shown on graphs provided in Appendix B for VOCs and PCBs). Therefore, GE does not propose to include this well in the interim groundwater quality program at GMA 4.

Well GMA4-5 was installed downgradient of GMA 4 as a GW-2 sentinel well and has also been monitored on a quarterly basis under the Commercial Street Site ACO program. A total of six sampling events (December 2003, April 2004, July 2004, September 2004, November 2004, and March 2005) have been conducted at this well. Since this well is a GW-2 well, the average concentration of each detected constituent for the five sampling events was compared to 50% of the MCP Method 1 GW-2 standards. For constituents where non-detect quantities are present during one or more of the sampling events, one-half the detection limit was used for calculating the average. For well GMA4-5, this evaluation indicated that all average constituent concentration values were below the 50% threshold. 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 (as shown on graphs provided in Appendix B for VOCs and PCBs). 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, GE proposes not to include this well in the interim groundwater quality program at GMA 4.

GE does not propose any other modifications to the interim program at this time. A summary of the anticipated fall 2005 sampling event is provided in Table 10. As noted in that table, fall 2005 sampling will be limited to the wells that have yet to be sampled for four baseline events (i.e., sampling will continue to be attempted at well UB-MW-5), and those remaining in the OPCA monitoring program. In addition to these wells, GE will sample wells H78B-16 and H78B-17R for VOCs as part of the annual sampling program for these two wells. GE also will provide results on the PGC monitoring of well ASW-5 (conducted by PGC).

In addition, GE will continue its groundwater elevation monitoring for the monitoring wells listed in Table 3. GE will continue to collect groundwater elevation data and monitor for the presence of NAPL at these wells on a semi-annual basis (in the spring and fall) 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 (i.e., discontinuation of sampling at monitoring wells H78B-13R and GMA4-5) will be implemented. Specifically, this section provides a schedule for the upcoming fall 2005 interim monitoring event (OPCA-related wells) and associated reporting activities.

6.2 Field Activities Schedule

GE anticipates that the fall 2005 interim sampling event will take place in October 2005. Semi-annual sampling and analyses will continue to be performed at the 11 OPCA groundwater monitoring program wells. 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. In addition to this sampling, GE will also collect groundwater elevation data from the wells listed in Table 3. Well GMA4-3 will continue to be monitored for NAPL on a monthly basis throughout fall 2005.

Prior to the fall 2005 sampling event, GE will conduct 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. If either of these wells is found to be unusable, GE will repair the well, install a replacement well, or propose an alternate course of action to EPA, as appropriate. Prior to performance of the semi-annual sampling 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 Fall 2005 Interim Groundwater Quality Report for GMA 4 by February 28, 2006, in accordance with the reporting schedule approved by EPA. That report will present the final, validated fall 2005 interim sampling results, including a summary of data from other groundwater-related activities conducted at GMA 4 between July 2005 and December 2005, 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 SPRING 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)	
GMA4-5	GW-2 Sentinel	Quarterly	VOC (3)	Additional analyses performed in conjunction with the groundwater investigation being conducted a the Commercial Street Site.
H78B-13R	GW-3 Perimeter (Downgradient)	Semi-Annual	SVOC	Certain SVOC data was rejected during the Fall 2004 sampling event. A groundwater sample was collected and analyzed for SVOCs only to fulfill the Baseline Groundwater Program sampling requirements.
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)	
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)	
OPCA-MW-8	OPCA Groundwater Monitoring Program/GW-3 General/Source Area Sentinel	Semi-Annual	PCB/App. IX (1,2)	
UB-MW-5	GW-2 Sentinel/GW-3 Perimeter (Upgradient)	Semi-Annual (4)	PCB/App. IX (1,5)	

TABLE 1
MONITORING PROGRAM SUMMARY

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

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. Well GMA4-5 was sampled for VOCs, SVOCs, PCBs, and EPH as part of the Commercial Street ACO Site investigation in 2005. Data from that program has been incorporated into previous GMA 4 interim water quality reports. Since one additional groundwater sampling event was required by the MDEP at the Commercial Street Site, GE has included the data in the Spring 2005 groundwater report.
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 SPRING 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
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-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
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

TABLE 2
MONITORING WELL CONSTRUCTION SUMMARY

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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-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
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. Groundwater elevation measurements and/or groundwater samples were obtained from the monitoring wells listed in the above table.
2. in - inches
3. ft - feet
4. ft AMSL - Feet above mean sea level
5. ft BGS - Feet below ground surface
6. NA - Information not available.

TABLE 3
GROUNDWATER ELEVATION DATA - SPRING 2005

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

Well Number	Date Measured	Groundwater Elevation [1]
60A	4/19/2005	988.06
60B-R	4/19/2005	989.05
78-1	4/19/2005	1,017.72
78-2	4/19/2005	1,027.13
78-3	4/19/2005	991.09
78-4	4/19/2005	986.46
78-5R	4/22/2005	992.66
78-6	4/19/2005	1,005.33
GMA4-1	4/19/2005	990.00
GMA4-2	4/19/2005	994.49
GMA4-3	4/19/2005	987.59
GMA4-4	4/19/2005	987.59
GMA4-5	4/20/2005	982.62
H78B-13R	4/19/2005	983.21
H78B-15	4/19/2005	998.33
H78B-16	4/19/2005	987.51
H78B-17	4/19/2005	986.03
H78B-17R	4/19/2005	985.44
NY-4	4/22/2005	1,015.44
OPCA-MW-1	4/19/2005	1,011.00
OPCA-MW-2	4/19/2005	1,002.97
OPCA-MW-3	4/19/2005	996.61
OPCA-MW-4	4/19/2005	1,007.88
OPCA-MW-5R	4/19/2005	1,006.32
OPCA-MW-6	4/19/2005	1,006.71
OPCA-MW-7	4/19/2005	1,009.02
OPCA-MW-8	4/19/2005	1,018.50
RF-14	4/19/2005	994.18
RF-15	4/19/2005	999.19
UB-MW-5	4/19/2005	992.92
UB-MW-6	4/19/2005	999.36

NOTES:
1. The elevation shown is in feet above mean sea level.

TABLE 4
GROUNDWATER SAMPLING METHODS

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

Well Number	Type of Pump	Average 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	12.1	12	8-23	Near Till Interface
78-6	Peristaltic	8.4	13	3-18	Above Till Interface
GMA4-5	Bladder	11.0	>18	8-18	Mid-Column
H78B-13R	Peristaltic	11.3	22	5-20	<5 ft Below Water Table
H78B-15	Peristaltic	11.7	14	6-16	Near Till Interface
H78B-16 [2]	Peristaltic	9.1	14	4-14	Mid-Column
H78B-17R [2]	Bladder	12.4	14	14.3-23.6	Mid-Column
OPCA-MW-1	Peristaltic	7.0	14	20.1-30.1	Mid-Screen
OPCA-MW-2	Bladder	15.7	>23	13-23	Mid-Column
OPCA-MW-3	Bladder	20.8	>28	18-28	Mid-Column
OPCA-MW-4	Peristaltic	12.9	>22	12-22	<5 ft Below Water Table
OPCA-MW-5R	Peristaltic	13.1	17	11.25-21.25	Near Till Interface
OPCA-MW-6	Bladder	18.0	>25	15-25	Mid-Column
OPCA-MW-7	Peristaltic	18.2	18	14-24	Near Till Interface
OPCA-MW-8	Bladder	13.9	7	13.5-23.5	Mid-Column
UB-MW-5	Peristaltic	14.3	2	7-17	<5 ft Below Water Table [3]

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 next scheduled sampling will be fall 2005.
3. In previous groundwater monitoring events, this well has been dry at a depth of approximately 17 feet below ground surface. During this sampling event approximately 0.4 feet of groundwater was encountered in this well and was not purged or sampled due to the lack of groundwater being present.

TABLE 5
FIELD PARAMETER MEASUREMENTS - SPRING 2005

GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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	4/4/2005	7.04	7.35	0.446	3	9.56	205.6
78-6	4/1/2005	5.71	6.91	2.563	34	5.23	20.9
GMA4-5	3/31/2005	11.18	6.75	1.676	4	1.66	80.2
H78B-13R	4/1/2005	7.48	6.53	1.21	14	0.62	-71.1
H78B-15	4/4/2005	6.15	6.46	1.898	1	10.59	258.0
OPCA-MW-1	4/4/2005	6.17	7.31	0.469	2	2.81	244.7
OPCA-MW-2	4/5/2005	10.06	6.77	0.714	1	4.11	197.0
OPCA-MW-3	4/5/2005	10.35	6.59	0.746	5	0.38	180.1
OPCA-MW-4	4/5/2005	7.10	6.82	2.361	2	1.90	235.6
OPCA-MW-5R	4/6/2005	6.66	6.53	1.125	14	0.84	-13.8
OPCA-MW-6	4/4/2005	7.94	7.04	0.662	1	9.77	247.8
OPCA-MW-7	4/6/2005	12.66	6.96	0.980	2	5.10	155.1
OPCA-MW-8	4/6/2005	11.07	7.84	0.585	14	8.69	61.5
UB-MW-5 (8)	4/5/2005	9.40	7.89	1.760	6	9.73	206.2
	4/7/2005	9.31	7.10	1.736	17	14.50	248.2

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 after collecting groundwater samples for analysis of VOCs,SVOCs, and PCDD/PCDFs on April 5, 2005. Groundwater samples for PCB, Inorganic, and Cyanide analyses were collected on April 7, 2005.

TABLE 6
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-2 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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	GMA4-5 03/31/05	H78B-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-4 04/05/05	OPCA-MW-5R 04/06/05	UB-MW-5 4/5-4/7/2005
Volatile Organics							
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [0.0046 J]	ND(0.010)	ND(0.010)
Methylene Chloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [0.00086 J]	ND(0.0050)	ND(0.0050)
Toluene	6	ND(0.0050)	ND(0.0050)	0.0017 J	0.0050 [0.0088]	ND(0.0050)	ND(0.0050)
Trichloroethene	0.3	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0013 J [0.0013 J]	ND(0.0050)	0.0012 J
Total VOCs	5	ND(0.20)	ND(0.20)	0.0017 J	0.0063 J [0.016 J]	ND(0.20)	0.0012 J
Semivolatile Organics							
2,4-Dimethylphenol	Not Listed	R	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	0.0038 J	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	0.0083 J	ND(0.010)
Extractable Petroleum Hydrocarbons							
C11-C22 Aromatic Hydrocarbons	30	ND(0.20)	NA	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	20	ND(5.0)	NA	NA	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	1	ND(1.0)	NA	NA	NA	NA	NA
Total Petroleum Hydrocarbons	1	ND(0.20)	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to SGS Environmental Services, Inc. for analysis of PCBs, EPH 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, semivolatile and EPH 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. Field duplicate sample results are presented in brackets.
7. With the exception of EPH, only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles, EPH)

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Volatile Organics					
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	NA
Methylene Chloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Toluene	50	0.0019 J	ND(0.0050)	ND(0.0050)	NA
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
PCBs-Unfiltered					
Aroclor-1254	Not Applicable	NA	NA	ND(0.000065) J	NA
Aroclor-1260	Not Applicable	NA	NA	ND(0.000065) J	NA
Total PCBs	Not Applicable	NA	NA	ND(0.000065) J	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	ND(0.000065)	ND(0.000065)	NA	NA
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	NA	NA
Total PCBs	0.0003	ND(0.000065)	ND(0.000065)	NA	NA
Semivolatile Organics					
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	R	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons					
C11-C22 Aromatic Hydrocarbons	0.2	NA	NA	ND(0.20)	NA
C19-C36 Aliphatic Hydrocarbons	5	NA	NA	ND(5.0)	NA
C9-C18 Aliphatic Hydrocarbons	4	NA	NA	ND(1.0)	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	ND(0.20)	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000012)	ND(0.0000000014)	NA	NA
TCDFs (total)	Not Listed	ND(0.0000000012)	ND(0.0000000014)	NA	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000021)	ND(0.0000000023)	NA	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000021)	ND(0.0000000024)	NA	NA
PeCDFs (total)	Not Listed	ND(0.0000000021)	ND(0.0000000024)	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000027)	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000020)	ND(0.0000000022)	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000029)	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000024)	ND(0.0000000026)	NA	NA
HxCDFs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000029)	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000024)	ND(0.0000000019)	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000030)	ND(0.0000000024)	NA	NA
HpCDFs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000024)	NA	NA
OCDF	Not Listed	ND(0.0000000036)	ND(0.0000000037)	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000019)	ND(0.0000000020)	NA	NA
TCDDs (total)	Not Listed	ND(0.0000000019)	ND(0.0000000020)	NA	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000032)	ND(0.0000000035)	NA	NA
PeCDDs (total)	Not Listed	ND(0.0000000032)	ND(0.0000000035)	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000030)	ND(0.0000000031)	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000033)	ND(0.0000000033)	NA	NA
HxCDDs (total)	Not Listed	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000045)	ND(0.0000000035)	NA	NA
HpCDDs (total)	Not Listed	ND(0.0000000045)	ND(0.0000000035)	NA	NA
OCDD	Not Listed	ND(0.0000000076)	ND(0.0000000043)	NA	NA
Total TEQs (WHO TEFs)	0.0000001	0.0000000042	0.0000000046	NA	NA

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Inorganics-Unfiltered					
Antimony	Not Applicable	NA	NA	NA	NA
Barium	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
Silver	Not Applicable	NA	NA	NA	NA
Tin	Not Applicable	NA	NA	NA	NA
Zinc	Not Applicable	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	NA	NA
Barium	30	0.0120 B	0.0470 B	NA	NA
Chromium	2	ND(0.0100)	ND(0.0100)	NA	NA
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	NA
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	NA
Cyanide	0.01	ND(0.0100)	0.00210 B	NA	NA
Lead	0.03	0.000410 B	0.000540 B	NA	NA
Nickel	0.08	ND(0.0400)	0.00170 B	NA	NA
Silver	0.007	ND(0.00500)	ND(0.00500)	NA	NA
Tin	Not Listed	ND(0.0300)	ND(0.0300)	NA	NA
Zinc	0.9	0.0290	0.0300	NA	NA

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Volatile Organics					
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methylene Chloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	50	ND(0.0050)	0.0017 J	0.0025 J	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
PCBs-Unfiltered					
Aroclor-1254	Not Applicable	NA	NA	NA	NA
Aroclor-1260	Not Applicable	NA	NA	NA	NA
Total PCBs	Not Applicable	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	0.000031 J	0.00021	0.000062 J	0.000052 J
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.000031 J	0.00021	0.000062 J	0.000052 J
Semivolatile Organics					
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons					
C11-C22 Aromatic Hydrocarbons	0.2	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	5	NA	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	4	NA	NA	NA	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000014)	ND(0.0000000025)	ND(0.0000000019)	ND(0.0000000011)
TCDFs (total)	Not Listed	ND(0.0000000021)	0.0000000053	ND(0.0000000019)	ND(0.0000000011)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000046)	ND(0.0000000022)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000047)	ND(0.0000000022)
PeCDFs (total)	Not Listed	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000047)	ND(0.0000000022)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000045)	ND(0.0000000018)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000021)	ND(0.0000000022)	ND(0.0000000037)	ND(0.0000000015)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000018)
HxCDFs (total)	Not Listed	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
HpCDFs (total)	Not Listed	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
OCDF	Not Listed	ND(0.0000000040)	ND(0.0000000035)	ND(0.0000000085)	ND(0.0000000038)
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
TCDDs (total)	Not Listed	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
PeCDDs (total)	Not Listed	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000027)	ND(0.0000000050)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000034)	ND(0.0000000029)	ND(0.0000000054)	ND(0.0000000029)
HxCDDs (total)	Not Listed	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
HpCDDs (total)	Not Listed	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
OCDD	Not Listed	ND(0.0000000053)	ND(0.0000000075)	ND(0.000000012)	ND(0.0000000043)
Total TEQs (WHO TEFs)	0.0000001	0.0000000047	0.0000000046	0.0000000078	0.0000000041

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Inorganics-Unfiltered					
Antimony	Not Applicable	NA	NA	NA	NA
Barium	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
Silver	Not Applicable	NA	NA	NA	NA
Tin	Not Applicable	NA	NA	NA	NA
Zinc	Not Applicable	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	0.3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Barium	30	0.0680 B	0.0160 B	0.0150 B	0.0580 B
Chromium	2	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	0.00350 B	0.00630 B
Cyanide	0.01	0.0140	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	0.08	0.00150 B	ND(0.0400)	ND(0.0400)	0.00170 B
Silver	0.007	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Tin	Not Listed	ND(0.0300)	ND(0.0300)	ND(0.0300)	ND(0.0300)
Zinc	0.9	0.0150 B	0.0130 B	0.0210	0.0320

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-4 04/05/05	OPCA-MW-5R 04/06/05	OPCA-MW-6 04/04/05
Volatile Organics				
Acetone	50	ND(0.010) [0.0046 J]	ND(0.010)	ND(0.010)
Methylene Chloride	50	ND(0.0050) [0.00086 J]	ND(0.0050)	ND(0.0050)
Toluene	50	0.0050 [0.0088]	ND(0.0050)	0.0016 J
Trichloroethene	20	0.0013 J [0.0013 J]	ND(0.0050)	ND(0.0050)
PCBs-Unfiltered				
Aroclor-1254	Not Applicable	NA	NA	NA
Aroclor-1260	Not Applicable	NA	NA	NA
Total PCBs	Not Applicable	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00017 [0.000039 J]	0.000073	0.00037
Aroclor-1260	Not Listed	0.000049 J [ND(0.000065)]	ND(0.000065)	0.00014
Total PCBs	0.0003	0.000219 [0.000039 J]	0.000073	0.00051
Semivolatile Organics				
2,4-Dimethylphenol	20	ND(0.010) [ND(0.010)]	0.0038 J	ND(0.010)
Naphthalene	6	ND(0.010) [ND(0.010)]	0.0083 J	ND(0.010)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	0.2	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	5	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	4	NA	NA	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000021) [ND(0.0000000013)]	ND(0.0000000018)	ND(0.0000000013)
TCDFs (total)	Not Listed	ND(0.0000000021) [ND(0.0000000020)]	ND(0.0000000018)	ND(0.0000000013)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000042)	ND(0.0000000024)
PeCDFs (total)	Not Listed	ND(0.000000014) [ND(0.000000014)]	ND(0.0000000042)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000035) [ND(0.0000000024)]	ND(0.0000000038)	ND(0.0000000022)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000029) [ND(0.0000000020)]	ND(0.0000000031)	ND(0.0000000018)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000037)	ND(0.0000000022)
HxCDFs (total)	Not Listed	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000024) [ND(0.0000000022)]	ND(0.0000000037)	ND(0.0000000019)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
HpCDFs (total)	Not Listed	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
OCDF	Not Listed	ND(0.0000000056) [ND(0.0000000031)]	ND(0.0000000085)	ND(0.0000000041)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
TCDDs (total)	Not Listed	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
PeCDDs (total)	Not Listed	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000043)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000037) [ND(0.0000000025)]	ND(0.0000000046)	ND(0.0000000028)
HxCDDs (total)	Not Listed	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
HpCDDs (total)	Not Listed	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
OCDD	Not Listed	ND(0.0000000056) [ND(0.0000000041)]	ND(0.0000000087)	ND(0.0000000056)
Total TEQs (WHO TEFs)	0.0000001	0.0000000069 [0.0000000040]	0.0000000075	0.0000000042

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-4 04/05/05	OPCA-MW-5R 04/06/05	OPCA-MW-6 04/04/05
Inorganics-Unfiltered				
Antimony	Not Applicable	NA	NA	NA
Barium	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
Silver	Not Applicable	NA	NA	NA
Tin	Not Applicable	NA	NA	NA
Zinc	Not Applicable	NA	NA	NA
Inorganics-Filtered				
Antimony	0.3	ND(0.0600) [ND(0.0600)]	0.0140 B	ND(0.0600)
Barium	30	0.0680 B [0.0710 B]	0.0720 B	0.0120 B
Chromium	2	ND(0.0100) [0.00240 B]	0.00270 B	ND(0.0100)
Cobalt	Not Listed	ND(0.0500) [ND(0.0500)]	0.00680 B	ND(0.0500)
Copper	Not Listed	0.00340 B [0.00420 B]	0.00400 B	ND(0.0250)
Cyanide	0.01	0.00160 B [0.00180 B]	ND(0.0100)	0.00160 B
Lead	0.03	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Nickel	0.08	ND(0.0400) [ND(0.0400)]	0.00190 B	ND(0.0400)
Silver	0.007	ND(0.00500) [ND(0.00500)]	0.00160 B	ND(0.00500)
Tin	Not Listed	ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)
Zinc	0.9	0.0770 [0.0820]	0.0240	0.0280

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-7 04/06/05	OPCA-MW-8 04/06/05	UB-MW-5 4/5-4/7/2005
Volatile Organics				
Acetone	50	ND(0.010)	ND(0.010)	ND(0.010)
Methylene Chloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	50	ND(0.0050)	0.0026 J	ND(0.0050)
Trichloroethene	20	ND(0.0050)	ND(0.0050)	0.0012 J
PCBs-Unfiltered				
Aroclor-1254	Not Applicable	NA	NA	0.000075
Aroclor-1260	Not Applicable	NA	NA	ND(0.000065)
Total PCBs	Not Applicable	NA	NA	0.000075
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00018	0.000061 J	ND(0.000065)
Aroclor-1260	Not Listed	0.000051 J	ND(0.000065)	ND(0.000065)
Total PCBs	0.0003	0.000231	0.000061 J	ND(0.000065)
Semivolatile Organics				
2,4-Dimethylphenol	20	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	0.2	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	5	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	4	NA	NA	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
TCDFs (total)	Not Listed	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
PeCDFs (total)	Not Listed	ND(0.0000000035)	ND(0.0000000044)	ND(0.0000000039)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000031)	ND(0.0000000042)	ND(0.0000000033)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000027)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000030)	ND(0.0000000040)	ND(0.0000000032)
HxCDFs (total)	Not Listed	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000034)	ND(0.0000000042)	ND(0.0000000023)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
HpCDFs (total)	Not Listed	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
OCDF	Not Listed	ND(0.0000000058)	ND(0.0000000098)	ND(0.0000000053)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
TCDDs (total)	Not Listed	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
PeCDDs (total)	Not Listed	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000048)	ND(0.0000000030)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000034)	ND(0.0000000052)	ND(0.0000000032)
HxCDDs (total)	Not Listed	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
HpCDDs (total)	Not Listed	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
OCDD	Not Listed	ND(0.000000010)	ND(0.000000019)	ND(0.0000000051)
Total TEQs (WHO TEFs)	0.0000001	0.0000000052	0.0000000081	0.0000000064

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-7 04/06/05	OPCA-MW-8 04/06/05	UB-MW-5 4/5-4/7/2005
Inorganics-Unfiltered				
Antimony	Not Applicable	NA	NA	ND(0.0600)
Barium	Not Applicable	NA	NA	0.0330 B
Chromium	Not Applicable	NA	NA	ND(0.0100)
Cobalt	Not Applicable	NA	NA	ND(0.0500)
Copper	Not Applicable	NA	NA	ND(0.025)
Cyanide	Not Applicable	NA	NA	0.00130 B
Lead	Not Applicable	NA	NA	ND(0.00300)
Nickel	Not Applicable	NA	NA	0.00300 B
Silver	Not Applicable	NA	NA	ND(0.00500)
Tin	Not Applicable	NA	NA	0.00660 B
Zinc	Not Applicable	NA	NA	0.0370
Inorganics-Filtered				
Antimony	0.3	ND(0.0600)	ND(0.0600)	ND(0.0600)
Barium	30	0.0150 B	0.00950 B	0.0280 B
Chromium	2	0.00330 B	0.00740 B	0.00140 B
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00560 B	0.00530 B	0.00290 B
Cyanide	0.01	ND(0.0100)	0.00140 B	0.00120 B
Lead	0.03	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	0.08	0.00300 B	0.00240 B	0.00190 B
Silver	0.007	ND(0.00500)	0.00100 B	ND(0.00500)
Tin	Not Listed	ND(0.0300)	ND(0.0300)	ND(0.0300)
Zinc	0.9	0.0210	0.0480	0.0160 B

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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, Appendix IX+3 constituents and EPH.
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 EPH and dioxin/furans, only those constituents detected in one or more samples are summarized.
7. Field duplicate sample results are presented in brackets.
6. Shading indicates that value exceeds the Method 1 GW-3 Standards.

Data Qualifiers:

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

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.

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 INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Volatile Organics					
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	NA
Methylene Chloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Toluene	100	0.0019 J	ND(0.0050)	ND(0.0050)	NA
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
PCBs-Unfiltered					
Aroclor-1254	Not Listed	NA	NA	ND(0.000065) J	NA
Aroclor-1260	Not Listed	NA	NA	ND(0.000065) J	NA
Total PCBs	0.005	NA	NA	ND(0.000065) J	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	0.005	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Semivolatile Organics					
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	R	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons					
C11-C22 Aromatic Hydrocarbons	30	NA	NA	ND(0.20)	NA
C19-C36 Aliphatic Hydrocarbons	20	NA	NA	ND(5.0)	NA
C9-C18 Aliphatic Hydrocarbons	1	NA	NA	ND(1.0)	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	ND(0.20)	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000012)	ND(0.0000000014)	NA	NA
TCDFs (total)	Not Listed	ND(0.0000000012)	ND(0.0000000014)	NA	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000021)	ND(0.0000000023)	NA	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000021)	ND(0.0000000024)	NA	NA
PeCDFs (total)	Not Listed	ND(0.0000000021)	ND(0.0000000024)	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000027)	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000020)	ND(0.0000000022)	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000027)	ND(0.0000000029)	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000024)	ND(0.0000000026)	NA	NA
HxCDFs (total)	Not Listed	ND(0.0000000027)	ND(0.0000000029)	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000024)	ND(0.0000000019)	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000030)	ND(0.0000000024)	NA	NA
HpCDFs (total)	Not Listed	ND(0.0000000030)	ND(0.0000000024)	NA	NA
OCDF	Not Listed	ND(0.0000000036)	ND(0.0000000037)	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000019)	ND(0.0000000020)	NA	NA
TCDDs (total)	Not Listed	ND(0.0000000019)	ND(0.0000000020)	NA	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000032)	ND(0.0000000035)	NA	NA
PeCDDs (total)	Not Listed	ND(0.0000000032)	ND(0.0000000035)	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000030)	ND(0.0000000031)	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000033)	ND(0.0000000033)	NA	NA
HxCDDs (total)	Not Listed	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000045)	ND(0.0000000035)	NA	NA
HpCDDs (total)	Not Listed	ND(0.0000000045)	ND(0.0000000035)	NA	NA
OCDD	Not Listed	ND(0.0000000076)	ND(0.0000000043)	NA	NA
Total TEQs (WHO TEFs)	0.000001	0.0000000042	0.0000000046	NA	NA

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Inorganics-Unfiltered					
Antimony	3	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA
Chromium	20	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA
Cyanide	2	NA	NA	NA	NA
Lead	0.3	NA	NA	NA	NA
Nickel	1	NA	NA	NA	NA
Silver	0.4	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA
Zinc	20	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	3	ND(0.0600)	ND(0.0600)	NA	NA
Barium	100	0.0120 B	0.0470 B	NA	NA
Chromium	20	ND(0.0100)	ND(0.0100)	NA	NA
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	NA
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	NA
Cyanide	2	ND(0.0100)	0.00210 B	NA	NA
Lead	0.3	0.000410 B	0.000540 B	NA	NA
Nickel	1	ND(0.0400)	0.00170 B	NA	NA
Silver	0.4	ND(0.00500)	ND(0.00500)	NA	NA
Tin	Not Listed	ND(0.0300)	ND(0.0300)	NA	NA
Zinc	20	0.0290	0.0300	NA	NA

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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	H78B-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Volatile Organics					
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methylene Chloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	100	ND(0.0050)	0.0017 J	0.0025 J	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
PCBs-Unfiltered					
Aroclor-1254	Not Listed	NA	NA	NA	NA
Aroclor-1260	Not Listed	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	0.000031 J	0.00021	0.000062 J	0.000052 J
Aroclor-1260	Not Listed	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.000031 J	0.00021	0.000062 J	0.000052 J
Semivolatile Organics					
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons					
C11-C22 Aromatic Hydrocarbons	30	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	20	NA	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	1	NA	NA	NA	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000014)	ND(0.0000000025)	ND(0.0000000019)	ND(0.0000000011)
TCDFs (total)	Not Listed	ND(0.0000000021)	0.0000000053	ND(0.0000000019)	ND(0.0000000011)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000046)	ND(0.0000000022)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000047)	ND(0.0000000022)
PeCDFs (total)	Not Listed	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000047)	ND(0.0000000022)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000045)	ND(0.0000000018)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000021)	ND(0.0000000022)	ND(0.0000000037)	ND(0.0000000015)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000018)
HxCDFs (total)	Not Listed	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
HpCDFs (total)	Not Listed	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
OCDF	Not Listed	ND(0.0000000040)	ND(0.0000000035)	ND(0.0000000085)	ND(0.0000000038)
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
TCDDs (total)	Not Listed	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
PeCDDs (total)	Not Listed	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000027)	ND(0.0000000050)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000034)	ND(0.0000000029)	ND(0.0000000054)	ND(0.0000000029)
HxCDDs (total)	Not Listed	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
HpCDDs (total)	Not Listed	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
OCDD	Not Listed	ND(0.0000000053)	ND(0.0000000075)	ND(0.000000012)	ND(0.0000000043)
Total TEQs (WHO TEFs)	0.000001	0.0000000047	0.0000000046	0.0000000078	0.0000000041

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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	H78B-15 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Inorganics-Unfiltered					
Antimony	3	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA
Chromium	20	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA
Cyanide	2	NA	NA	NA	NA
Lead	0.3	NA	NA	NA	NA
Nickel	1	NA	NA	NA	NA
Silver	0.4	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA
Zinc	20	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Barium	100	0.0680 B	0.0160 B	0.0150 B	0.0580 B
Chromium	20	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	ND(0.0250)	ND(0.0250)	0.00350 B	0.00630 B
Cyanide	2	0.0140	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	1	0.00150 B	ND(0.0400)	ND(0.0400)	0.00170 B
Silver	0.4	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Tin	Not Listed	ND(0.0300)	ND(0.0300)	ND(0.0300)	ND(0.0300)
Zinc	20	0.0150 B	0.0130 B	0.0210	0.0320

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/05/05	OPCA-MW-5R 04/06/05	OPCA-MW-6 04/04/05
Volatile Organics				
Acetone	100	ND(0.010) [0.0046 J]	ND(0.010)	ND(0.010)
Methylene Chloride	100	ND(0.0050) [0.00086 J]	ND(0.0050)	ND(0.0050)
Toluene	100	0.0050 [0.0088]	ND(0.0050)	0.0016 J
Trichloroethene	100	0.0013 J [0.0013 J]	ND(0.0050)	ND(0.0050)
PCBs-Unfiltered				
Aroclor-1254	Not Listed	NA	NA	NA
Aroclor-1260	Not Listed	NA	NA	NA
Total PCBs	0.005	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00017 [0.000039 J]	0.000073	0.00037
Aroclor-1260	Not Listed	0.000049 J [ND(0.000065)]	ND(0.000065)	0.00014
Total PCBs	0.005	0.000219 [0.000039 J]	0.000073	0.00051
Semivolatile Organics				
2,4-Dimethylphenol	100	ND(0.010) [ND(0.010)]	0.0038 J	ND(0.010)
Naphthalene	60	ND(0.010) [ND(0.010)]	0.0083 J	ND(0.010)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	30	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	20	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	1	NA	NA	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000021) [ND(0.0000000013)]	ND(0.0000000018)	ND(0.0000000013)
TCDFs (total)	Not Listed	ND(0.0000000021) [ND(0.0000000020)]	ND(0.0000000018)	ND(0.0000000013)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000042)	ND(0.0000000024)
PeCDFs (total)	Not Listed	ND(0.000000014) [ND(0.000000014)]	ND(0.0000000042)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000035) [ND(0.0000000024)]	ND(0.0000000038)	ND(0.0000000022)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000029) [ND(0.0000000020)]	ND(0.0000000031)	ND(0.0000000018)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000037)	ND(0.0000000022)
HxCDFs (total)	Not Listed	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000024) [ND(0.0000000022)]	ND(0.0000000037)	ND(0.0000000019)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
HpCDFs (total)	Not Listed	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
OCDF	Not Listed	ND(0.0000000056) [ND(0.0000000031)]	ND(0.0000000085)	ND(0.0000000041)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
TCDDs (total)	Not Listed	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
PeCDDs (total)	Not Listed	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000043)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000037) [ND(0.0000000025)]	ND(0.0000000046)	ND(0.0000000028)
HxCDDs (total)	Not Listed	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
HpCDDs (total)	Not Listed	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
OCDD	Not Listed	ND(0.0000000056) [ND(0.0000000041)]	ND(0.0000000087)	ND(0.0000000056)
Total TEQs (WHO TEFs)	0.000001	0.0000000069 [0.0000000040]	0.0000000075	0.0000000042

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/05/05	OPCA-MW-5R 04/06/05	OPCA-MW-6 04/04/05
Inorganics-Unfiltered				
Antimony	3	NA	NA	NA
Barium	100	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
Silver	0.4	NA	NA	NA
Tin	Not Listed	NA	NA	NA
Zinc	20	NA	NA	NA
Inorganics-Filtered				
Antimony	3	ND(0.0600) [ND(0.0600)]	0.0140 B	ND(0.0600)
Barium	100	0.0680 B [0.0710 B]	0.0720 B	0.0120 B
Chromium	20	ND(0.0100) [0.00240 B]	0.00270 B	ND(0.0100)
Cobalt	Not Listed	ND(0.0500) [ND(0.0500)]	0.00680 B	ND(0.0500)
Copper	Not Listed	0.00340 B [0.00420 B]	0.00400 B	ND(0.0250)
Cyanide	2	0.00160 B [0.00180 B]	ND(0.0100)	0.00160 B
Lead	0.3	ND(0.00300) [ND(0.00300)]	ND(0.00300)	ND(0.00300)
Nickel	1	ND(0.0400) [ND(0.0400)]	0.00190 B	ND(0.0400)
Silver	0.4	ND(0.00500) [ND(0.00500)]	0.00160 B	ND(0.00500)
Tin	Not Listed	ND(0.0300) [ND(0.0300)]	ND(0.0300)	ND(0.0300)
Zinc	20	0.0770 [0.0820]	0.0240	0.0280

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/06/05	OPCA-MW-8 04/06/05	UB-MW-5 4/5-4/7/2005
Volatile Organics				
Acetone	100	ND(0.010)	ND(0.010)	ND(0.010)
Methylene Chloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	100	ND(0.0050)	0.0026 J	ND(0.0050)
Trichloroethene	100	ND(0.0050)	ND(0.0050)	0.0012 J
PCBs-Unfiltered				
Aroclor-1254	Not Listed	NA	NA	0.000075
Aroclor-1260	Not Listed	NA	NA	ND(0.000065)
Total PCBs	0.005	NA	NA	0.000075
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00018	0.000061 J	ND(0.000065)
Aroclor-1260	Not Listed	0.000051 J	ND(0.000065)	ND(0.000065)
Total PCBs	0.005	0.000231	0.000061 J	ND(0.000065)
Semivolatile Organics				
2,4-Dimethylphenol	100	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	60	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	30	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	20	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	1	NA	NA	NA
Total Petroleum Hydrocarbons	Not Listed	NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
TCDFs (total)	Not Listed	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
PeCDFs (total)	Not Listed	ND(0.0000000035)	ND(0.0000000044)	ND(0.0000000039)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000031)	ND(0.0000000042)	ND(0.0000000033)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000027)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000030)	ND(0.0000000040)	ND(0.0000000032)
HxCDFs (total)	Not Listed	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000034)	ND(0.0000000042)	ND(0.0000000023)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
HpCDFs (total)	Not Listed	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
OCDF	Not Listed	ND(0.0000000058)	ND(0.0000000098)	ND(0.0000000053)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
TCDDs (total)	Not Listed	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
PeCDDs (total)	Not Listed	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000031)	ND(0.0000000048)	ND(0.0000000030)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000034)	ND(0.0000000052)	ND(0.0000000032)
HxCDDs (total)	Not Listed	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
HpCDDs (total)	Not Listed	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
OCDD	Not Listed	ND(0.000000010)	ND(0.000000019)	ND(0.0000000051)
Total TEQs (WHO TEFs)	0.000001	0.0000000052	0.0000000081	0.0000000064

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/06/05	OPCA-MW-8 04/06/05	UB-MW-5 4/5-4/7/2005
Inorganics-Unfiltered				
Antimony	3	NA	NA	ND(0.0600)
Barium	100	NA	NA	0.0330 B
Chromium	20	NA	NA	ND(0.0100)
Cobalt	Not Listed	NA	NA	ND(0.0500)
Copper	Not Listed	NA	NA	ND(0.025)
Cyanide	2	NA	NA	0.00130 B
Lead	0.3	NA	NA	ND(0.00300)
Nickel	1	NA	NA	0.00300 B
Silver	0.4	NA	NA	ND(0.00500)
Tin	Not Listed	NA	NA	0.00660 B
Zinc	20	NA	NA	0.0370
Inorganics-Filtered				
Antimony	3	ND(0.0600)	ND(0.0600)	ND(0.0600)
Barium	100	0.0150 B	0.00950 B	0.0280 B
Chromium	20	0.00330 B	0.00740 B	0.00140 B
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	Not Listed	0.00560 B	0.00530 B	0.00290 B
Cyanide	2	ND(0.0100)	0.00140 B	0.00120 B
Lead	0.3	ND(0.00300)	ND(0.00300)	ND(0.00300)
Nickel	1	0.00300 B	0.00240 B	0.00190 B
Silver	0.4	ND(0.00500)	0.00100 B	ND(0.00500)
Tin	Not Listed	ND(0.0300)	ND(0.0300)	ND(0.0300)
Zinc	20	0.0210	0.0480	0.0160 B

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLS FOR GROUNDWATER
GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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, Appendix IX+3 constituents and EPH.
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 EPH and 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, EPH)

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.

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
SPRING 2005 NAPL MONITORING DATA - WELL GMA4-3

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

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA4-3	1,003.95	4/7/2005	16.42	---	0.00	---	26.25	0.00	987.53
GMA4-3	1,003.95	4/19/2005	16.36	---	0.00	---	26.25	0.00	987.59
GMA4-3	1,003.95	5/23/2005	16.90	---	0.00	---	26.25	0.00	987.05
GMA4-3	1,003.95	6/22/2005	17.48	---	0.00	---	26.25	0.00	986.47

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.

TABLE 10
PROPOSED FALL 2005 INTERIM GROUNDWATER QUALITY MONITORING ACTIVITIES

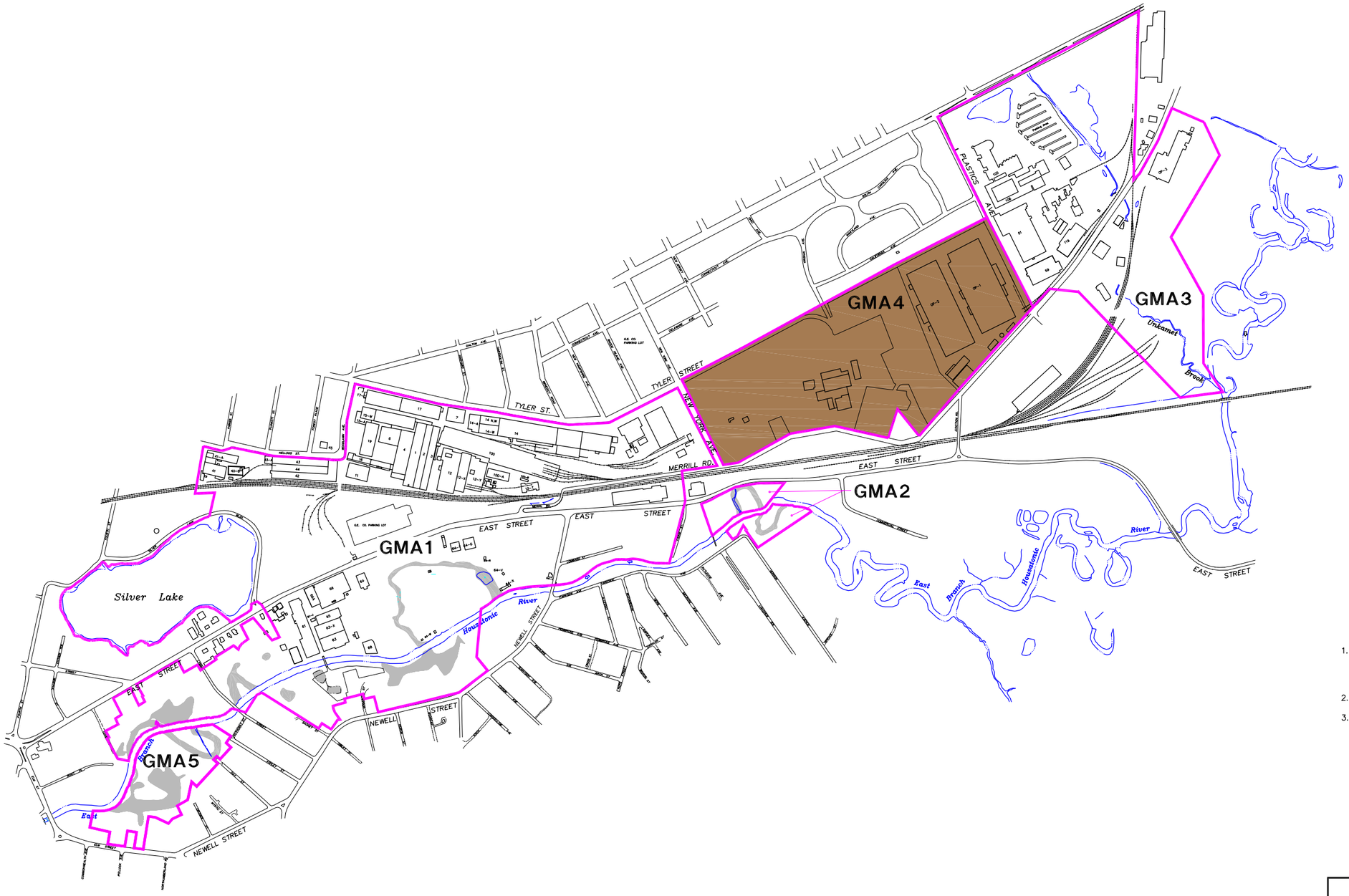
GROUNDWATER MANAGEMENT AREA 4
GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 2005
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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 - Fall 2005	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 - Fall 2005	VOC	
OPCA-MW-1	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)	Two additional baseline sample sets are 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. Wells 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.

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,
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
8/29/05 SYR-85-LJP DMW
N/20187001/SPRING05/20187B01.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 4 INTERIM MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREAS

BBL BLASLAND, BOUCK & LEE, INC.
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.

CALIFORNIA AVE.
PLASTICS AVE.
VIRGINIA AVE.
TYLER STREET EXTENSION
NEW YORK AVE.
MERRILL ROAD
RF-14
78-2
UB-MW-5
78-1
BUILDING 71 OPCA EXPANSION (APPROXIMATE LOCATION)
ALLENDALE SCHOOL PROPERTY
HILL 78 OPCA (APPROXIMATE EXISTING BOUNDARY)
78-6
OPCA-MW-8
PARKING LOT
OP-1
OP-2
GMA 4-3
GMA 4-2
60A/B-R
BUILDING 71 OPCA (APPROXIMATE EXISTING BOUNDARY)
UB-MW-8
STORMWATER BASIN
H78B-18
H78B-11
H78B-12
H78B-28R
ASW-6
ASW-1
OPCA-MW-7
OPCA-MW-5/5R
OPCA-MW-4
ASW-4
NY-4
NY-3
COOLING TOWER
STORMWATER BASIN
RF-15
UB-MW-7
UB-MW-6
OPCA-MW-1
78-2
78-7
GAS TURBINE GENERATOR BUILDING
OPCA-MW-6
H78B-15
GMA 4-4
ES1-20
H78B-8/8R
OPCA-MW-3
TANKS
STEAM TURBINE GENERATOR BLDG.
OPCA-MW-2
ASW-3
ASW-2
SWALE C
78-3
GMA4-1
ASW-5
H78B-16
SWALE A
SWALE B
H78B-17R
78-4
78-5R
30" CULVERT
SWALE
SOIL STOCKPILE AREA
NY-2
ES1-6
H78B-13R
NY-1
GMA4-5
78
78-2
73
14-E

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
- WELL WAS SAMPLED IN SPRING 2005 AS PART OF COMMERCIAL STREET INVESTIGATION

0 120' 240'
GRAPHIC SCALE

X: 20187X00, X05, X07.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
8/29/05 SYR-85-SDL LJP DMW
N/20187001/SPRING05/20187B02.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 4 INTERIM MONITORING PROGRAM

SITE PLAN

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FIGURE
2

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
BUILDING 71 OPCA EXPANSION (APPROXIMATE LOCATION)
ALLENDALE SCHOOL PROPERTY
HILL 78 OPCA (APPROXIMATE EXISTING BOUNDARY)
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
RF-14
RF-15
1027.13 78-2
992.92 UB-MW-5
994.49 GMA 4-2
GMA 4-3 987.59
989.05 60A/B-R
1017.72 78-1
1018.50 OPCA-MW-8
1005.33 78-6
H78B-18
H78B-11
H78B-12
H78B-28R
1009.02 OPCA-MW-7
UB-MW-8
UB-MW-7
UB-MW-6 999.36
1015.44 NY-4
ASW-6
ASW-1
OPCA-MW-4 1007.88
ASW-4
OPCA-MW-5/5R 1006.32
1011.00 OPCA-MW-1
NY-3
78-7
H78B-8/8R
998.33 H78B-15
1006.71 OPCA-MW-6
996.61 OPCA-MW-3
OPCA-MW-2 1002.97
ASW-3
ASW-2
GMA4-1 ASW-5 990.00
H78B-16 987.51
986.46 78-4
H78B-17R 985.44
78-3 991.09
78-5R 992.66
ES1-20
GMA 4-4 987.59
ES1-6 985.56
H78B-13R 983.21
NY-1
NY-2
982.62 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
- 989.05 GROUNDWATER ELEVATION IN FEET

0 120' 240'
GRAPHIC SCALE

X: 20187X00, X05, X07.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL2B1
8/29/05 SYR-85-PGL LJP PGL DMW
N/20187001/SPRING05/20187W01.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA 4 INTERIM MONITORING PROGRAM

WATER TABLE CONTOUR MAP - SPRING 2005

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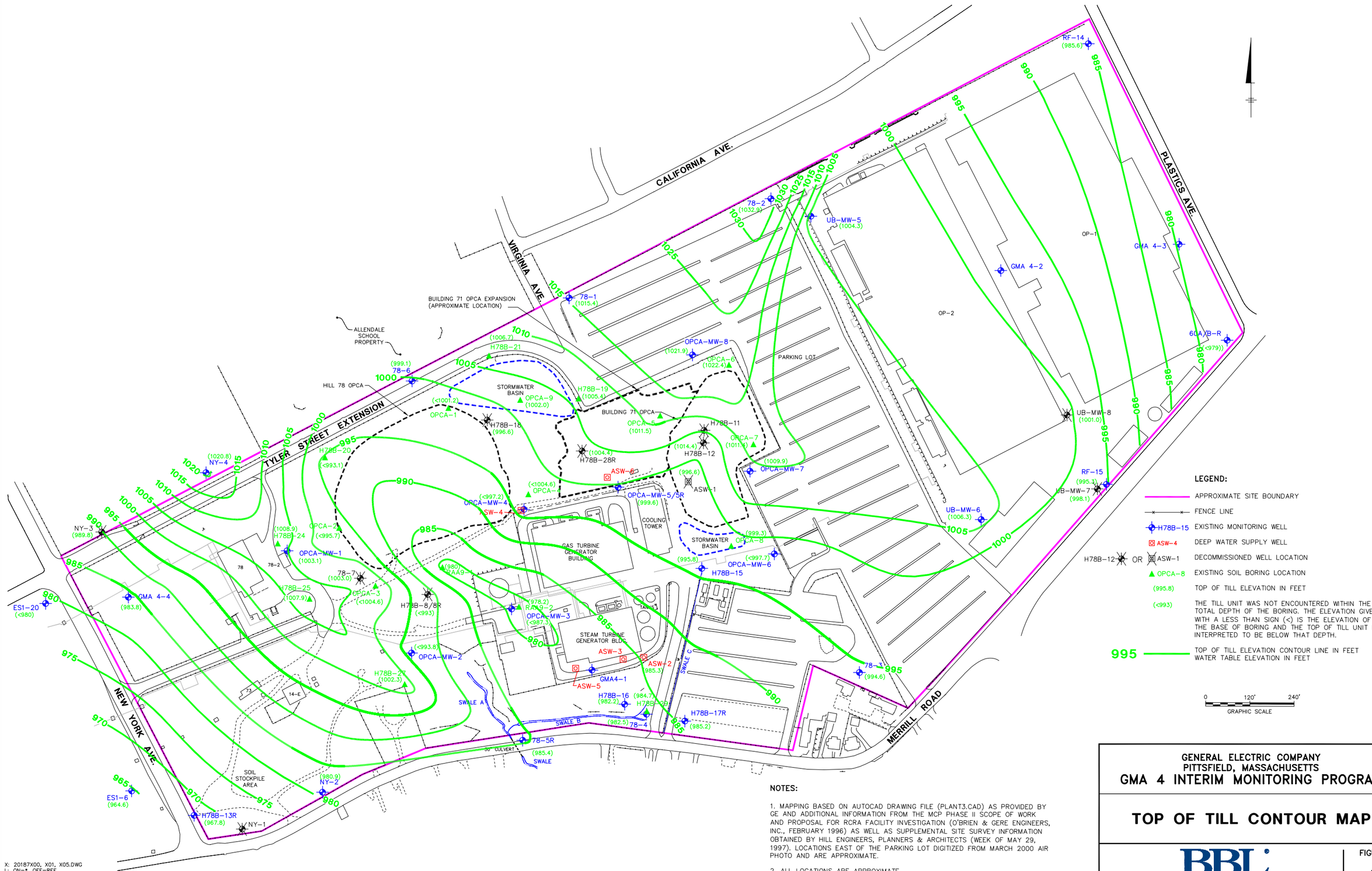
FIGURE 3



LEGEND:

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

0 120' 240'
GRAPHIC SCALE

NOTES:

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

2. ALL LOCATIONS ARE APPROXIMATE.

X: 20187X00, X01, X05.DWG
L: ON=*, OFF=REF
P: PAGESET/PLT-DL
8/29/05 SYR-85-PGL LJP DMW
N/20187001/SPRING05/20187W02.DWG

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 4 INTERIM MONITORING PROGRAM

TOP OF TILL CONTOUR MAP

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FIGURE 4

Appendices

BBL®
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Appendix A

Groundwater Analytical Results – Spring 2005

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

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050) J	NA
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	NA
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	NA
2-Butanone	ND(0.010)	ND(0.010)	ND(0.010)	NA
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.010)	NA
3-Chloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	ND(0.010)	NA
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	NA
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10) J	NA
Acrolein	ND(0.10) J	ND(0.10) J	ND(0.10) J	NA
Acrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Bromoform	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Bromomethane	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Dibromochloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Dibromomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Dichlorodifluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Ethyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Isobutanol	ND(0.10) J	ND(0.10) J	ND(0.10) J	NA
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	NA
Methyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Propionitrile	ND(0.010) J	ND(0.010) J	ND(0.010) J	NA
Styrene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA
Toluene	0.0019 J	ND(0.0050)	ND(0.0050)	NA
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	NA
Vinyl Acetate	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	NA
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA
Xylenes (total)	ND(0.010)	ND(0.010)	ND(0.010)	NA
Total VOCs	0.0019 J	ND(0.20)	ND(0.20)	NA

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
PCBs-Unfiltered				
Aroclor-1016	NA	NA	ND(0.000065) J	NA
Aroclor-1221	NA	NA	ND(0.000065) J	NA
Aroclor-1232	NA	NA	ND(0.000065) J	NA
Aroclor-1242	NA	NA	ND(0.000065) J	NA
Aroclor-1248	NA	NA	ND(0.000065) J	NA
Aroclor-1254	NA	NA	ND(0.000065) J	NA
Aroclor-1260	NA	NA	ND(0.000065) J	NA
Total PCBs	NA	NA	ND(0.000065) J	NA
PCBs-Filtered				
Aroclor-1016	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1232	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1242	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1254	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Total PCBs	ND(0.000065)	ND(0.000065)	ND(0.000065)	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
1-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlorophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2,4-Dinitrophenol	ND(0.050)	ND(0.050)	R	ND(0.050) J
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2-Nitrophenol	ND(0.010)	ND(0.010)	R	ND(0.010)
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	ND(0.010)	ND(0.010)	R	ND(0.010)
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
3,3'-Dimethylbenzidine	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050)	R	ND(0.050)
4-Aminobiphenyl	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	R	ND(0.010)
4-Chloroaniline	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)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

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

Sample ID: / Parameter / Date Collected:	78-1 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Semivolatile Organics (continued)				
4-Chlorophenyl-phenylether	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)
4-Nitrophenol	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
4-Phenylenediamine	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)
7,12-Dimethylbenz(a)anthracene	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
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acetophenone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aniline	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aramite	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020)	ND(0.020)	R	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diallate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)
Hexachlorocyclopentadiene	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)
Hexachlorophene	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)
Indeno(1,2,3-cd)pyrene	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)
Isophorone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Isosafrole	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
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
Semivolatile Organics (continued)				
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050)	ND(0.050)	R	ND(0.050)
Phenacetin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	R	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Safrole	ND(0.010) 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)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	NA	NA	ND(0.20)	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	ND(5.0)	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	ND(1.0)	NA
Total Petroleum Hydrocarbons	NA	NA	ND(0.20)	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000012)	ND(0.0000000014)	NA	NA
TCDFs (total)	ND(0.0000000012)	ND(0.0000000014)	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000000021)	ND(0.0000000023)	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000021)	ND(0.0000000024)	NA	NA
PeCDFs (total)	ND(0.0000000021)	ND(0.0000000024)	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000027)	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.0000000020)	ND(0.0000000022)	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000027)	ND(0.0000000029)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000026)	NA	NA
HxCDFs (total)	ND(0.0000000027)	ND(0.0000000029)	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024)	ND(0.0000000019)	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000030)	ND(0.0000000024)	NA	NA
HpCDFs (total)	ND(0.0000000030)	ND(0.0000000024)	NA	NA
OCDF	ND(0.0000000036)	ND(0.0000000037)	NA	NA
Dioxins				
2,3,7,8-TCDD	ND(0.0000000019)	ND(0.0000000020)	NA	NA
TCDDs (total)	ND(0.0000000019)	ND(0.0000000020)	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000032)	ND(0.0000000035)	NA	NA
PeCDDs (total)	ND(0.0000000032)	ND(0.0000000035)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000030)	ND(0.0000000031)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000033)	ND(0.0000000033)	NA	NA
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000040)	NA	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000000045)	ND(0.0000000035)	NA	NA
HpCDDs (total)	ND(0.0000000045)	ND(0.0000000035)	NA	NA
OCDD	ND(0.0000000076)	ND(0.0000000043)	NA	NA
Total TEQs (WHO TEFs)	0.0000000042	0.0000000046	NA	NA

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	78-6 04/01/05	GMA4-5 03/31/05	H78B-13R 04/01/05
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(5.0)	ND(5.0)	NA	NA
Thallium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	NA	NA
Arsenic	ND(0.0100)	ND(0.0100)	NA	NA
Barium	0.0120 B	0.0470 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(0.0100)	NA	NA
Cobalt	ND(0.0500)	ND(0.0500)	NA	NA
Copper	ND(0.0250)	ND(0.0250)	NA	NA
Cyanide	ND(0.0100)	0.00210 B	NA	NA
Lead	0.000410 B	0.000540 B	NA	NA
Mercury	ND(0.000200)	ND(0.000200)	NA	NA
Nickel	ND(0.0400)	0.00170 B	NA	NA
Selenium	ND(0.00500)	ND(0.00500)	NA	NA
Silver	ND(0.00500)	ND(0.00500)	NA	NA
Thallium	ND(0.0100)	ND(0.0100)	NA	NA
Tin	ND(0.0300)	ND(0.0300)	NA	NA
Vanadium	ND(0.0500)	ND(0.0500)	NA	NA
Zinc	0.0290	0.0300	NA	NA

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	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)
1,1,2-Trichloroethane	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)
1,1-Dichloroethene	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)
1,2-Dibromo-3-chloropropane	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)
1,2-Dichloroethane	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)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	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)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone	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)
4-Methyl-2-pentanone	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)
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Acrolein	ND(0.10) J	ND(0.10) J	ND(0.10) J	ND(0.10) J
Acrylonitrile	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)
Bromodichloromethane	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)
Bromomethane	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon Disulfide	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)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	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)
Dibromochloromethane	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)
Dichlorodifluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethyl Methacrylate	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)
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10) J	ND(0.10) J	ND(0.10) J	ND(0.10) J
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Methyl Methacrylate	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)
Propionitrile	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Styrene	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)
Toluene	ND(0.0050)	0.0017 J	0.0025 J	ND(0.0050)
trans-1,2-Dichloroethene	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)
trans-1,4-Dichloro-2-butene	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)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Vinyl Chloride	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)
Total VOCs	ND(0.20)	0.0017 J	0.0025 J	ND(0.20)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
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)	ND(0.000065)
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1232	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1242	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	0.000031 J	0.00021	0.000062 J	0.000052 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000031 J	0.00021	0.000062 J	0.000052 J
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
1,4-Naphthoquinone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
1-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dinitrophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050) J
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Nitroaniline	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)
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine	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)
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050)	ND(0.050) J	ND(0.050)
4-Aminobiphenyl	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloroaniline	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorobenzilate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Semivolatile Organics (continued)				
4-Chlorophenyl-phenylether	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)
4-Nitrophenol	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
4-Phenylenediamine	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)
7,12-Dimethylbenz(a)anthracene	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
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
Acenaphthylene	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)
Aniline	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Aramite	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J	ND(0.020) J
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.0060)
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diallate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.0010)	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
Hexachloroethane	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
Hexachloropropene	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)
Isodrin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Isophorone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
Isosafrole	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
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
Semivolatile Organics (continued)				
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Phenacetin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010) J	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Safrole	ND(0.010) 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)
Extractable Petroleum Hydrocarbons				
C11-C22 Aromatic Hydrocarbons	NA	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	NA	NA
Total Petroleum Hydrocarbons	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000014)	ND(0.0000000025)	ND(0.0000000019)	ND(0.0000000011)
TCDFs (total)	ND(0.0000000021)	0.0000000053	ND(0.0000000019)	ND(0.0000000011)
1,2,3,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000046)	ND(0.0000000022)
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000047)	ND(0.0000000022)
PeCDFs (total)	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000047)	ND(0.0000000022)
1,2,3,4,7,8-HxCDF	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000045)	ND(0.0000000018)
1,2,3,6,7,8-HxCDF	ND(0.0000000021)	ND(0.0000000022)	ND(0.0000000037)	ND(0.0000000015)
1,2,3,7,8,9-HxCDF	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000018)
HxCDFs (total)	ND(0.0000000028)	ND(0.0000000029)	ND(0.0000000049)	ND(0.0000000020)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.0000000026)	ND(0.0000000044)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
HpCDFs (total)	ND(0.0000000032)	ND(0.0000000027)	ND(0.0000000056)	ND(0.0000000022)
OCDF	ND(0.0000000040)	ND(0.0000000035)	ND(0.0000000085)	ND(0.0000000038)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
TCDDs (total)	ND(0.0000000020)	ND(0.0000000019)	ND(0.0000000030)	ND(0.0000000019)
1,2,3,7,8-PeCDD	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
PeCDDs (total)	ND(0.0000000038)	ND(0.0000000037)	ND(0.0000000063)	ND(0.0000000033)
1,2,3,4,7,8-HxCDD	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000027)	ND(0.0000000050)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	ND(0.0000000034)	ND(0.0000000029)	ND(0.0000000054)	ND(0.0000000029)
HxCDDs (total)	ND(0.0000000041)	ND(0.0000000035)	ND(0.0000000065)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
HpCDDs (total)	ND(0.0000000044)	ND(0.0000000041)	ND(0.0000000081)	ND(0.0000000035)
OCDD	ND(0.0000000053)	ND(0.0000000075)	ND(0.000000012)	ND(0.0000000043)
Total TEQs (WHO TEFs)	0.0000000047	0.0000000046	0.0000000078	0.0000000041

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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 04/04/05	OPCA-MW-1 04/04/05	OPCA-MW-2 04/05/05	OPCA-MW-3 04/05/05
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(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Thallium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0680 B	0.0160 B	0.0150 B	0.0580 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)	0.00350 B	0.00630 B
Cyanide	0.0140	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	0.00150 B	ND(0.0400)	ND(0.0400)	0.00170 B
Selenium	ND(0.00500)	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)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Tin	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)
Zinc	0.0150 B	0.0130 B	0.0210	0.0320

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-5R 04/06/05	OPCA-MW-6 04/04/05
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	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)
1,1,2-Trichloroethane	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)
1,1-Dichloroethene	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)
1,2-Dibromo-3-chloropropane	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)
1,2-Dichloroethane	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)
1,4-Dioxane	ND(0.20) J [ND(0.20) J]	ND(0.20) J	ND(0.20) J
2-Butanone	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)
2-Chloroethylvinylether	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
2-Hexanone	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)
4-Methyl-2-pentanone	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acetone	ND(0.010) [0.0046 J]	ND(0.010)	ND(0.010)
Acetonitrile	ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
Acrolein	ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(0.10) J
Acrylonitrile	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)
Bromodichloromethane	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)
Bromomethane	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Carbon Disulfide	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)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050) [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)
Dibromochloromethane	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)
Dichlorodifluoromethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Ethyl Methacrylate	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)
Iodomethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(0.10) J
Methacrylonitrile	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
Methyl Methacrylate	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)
Propionitrile	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Styrene	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)
Toluene	0.0050 [0.0088]	ND(0.0050)	0.0016 J
trans-1,2-Dichloroethene	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)
trans-1,4-Dichloro-2-butene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Trichloroethene	0.0013 J [0.0013 J]	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
Vinyl Chloride	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)
Total VOCs	0.0063 J [0.016 J]	ND(0.20)	0.0016 J

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-5R 04/06/05	OPCA-MW-6 04/04/05
PCBs-Unfiltered			
Aroclor-1016	NA	NA	NA
Aroclor-1221	NA	NA	NA
Aroclor-1232	NA	NA	NA
Aroclor-1242	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-1016	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1221	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1232	ND(0.000065) [ND(0.000065)]	ND(0.000065)	ND(0.000065)
Aroclor-1242	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	0.00017 [0.000039 J]	0.000073	0.00037
Aroclor-1260	0.000049 J [ND(0.000065)]	ND(0.000065)	0.00014
Total PCBs	0.000219 [0.000039 J]	0.000073	0.00051
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) J
1,3-Dichlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
1-Naphthylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlorophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4,5-Trichlorophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4,6-Trichlorophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4-Dichlorophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,4-Dimethylphenol	ND(0.010) [ND(0.010)]	0.0038 J	ND(0.010)
2,4-Dinitrophenol	ND(0.050) J [ND(0.050) J]	R	ND(0.050)
2,4-Dinitrotoluene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2,6-Dinitrotoluene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Chloronaphthalene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2-Methylnaphthalene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2-Naphthylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Nitroaniline	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)
2-Nitrophenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
2-Picoline	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
3&4-Methylphenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
3,3'-Dichlorobenzidine	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)
3-Methylcholanthrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050) [ND(0.050)]	ND(0.050)	ND(0.050)
4,6-Dinitro-2-methylphenol	ND(0.050) [ND(0.050)]	R	ND(0.050)
4-Aminobiphenyl	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
4-Bromophenyl-phenylether	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
4-Chloroaniline	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)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-5R 04/06/05	OPCA-MW-6 04/04/05
Semivolatile Organics (continued)			
4-Chlorophenyl-phenylether	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)
4-Nitrophenol	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
4-Phenylenediamine	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)
7,12-Dimethylbenz(a)anthracene	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
Acenaphthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acenaphthylene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Acetophenone	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Aniline	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Anthracene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Aramite	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzidine	ND(0.020) J [ND(0.020) J]	ND(0.020) J	ND(0.020) J
Benzo(a)anthracene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzo(k)fluoranthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060) [ND(0.0060)]	ND(0.0060)	ND(0.0060)
Butylbenzylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Chrysene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Diallate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Dibenzofuran	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Di-n-Octylphthalate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Fluorene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.0010) [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
Hexachloroethane	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
Hexachloropropene	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)
Isodrin	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Isophorone	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Isosafrole	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
Methyl Methanesulfonate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010) [ND(0.010)]	0.0083 J	ND(0.010)
Nitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-5R 04/06/05	OPCA-MW-6 04/04/05
Semivolatile Organics (continued)			
N-Nitrosomorpholine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050) [ND(0.050)]	R	ND(0.050)
Phenacetin	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Phenol	ND(0.010) [ND(0.010)]	R	ND(0.010)
Pronamide	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pyrene	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Pyridine	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Safrole	ND(0.010) 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)
Extractable Petroleum Hydrocarbons			
C11-C22 Aromatic Hydrocarbons	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	NA
Total Petroleum Hydrocarbons	NA	NA	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000021) [ND(0.0000000013)]	ND(0.0000000018)	ND(0.0000000013)
TCDFs (total)	ND(0.0000000021) [ND(0.0000000020)]	ND(0.0000000018)	ND(0.0000000013)
1,2,3,7,8-PeCDF	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,7,8-PeCDF	ND(0.0000000042) [ND(0.0000000020)]	ND(0.0000000042)	ND(0.0000000024)
PeCDFs (total)	ND(0.000000014) [ND(0.000000014)]	ND(0.0000000042)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.0000000035) [ND(0.0000000024)]	ND(0.0000000038)	ND(0.0000000022)
1,2,3,6,7,8-HxCDF	ND(0.0000000029) [ND(0.0000000020)]	ND(0.0000000031)	ND(0.0000000018)
1,2,3,7,8,9-HxCDF	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000037)	ND(0.0000000022)
HxCDFs (total)	ND(0.0000000038) [ND(0.0000000027)]	ND(0.0000000041)	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024) [ND(0.0000000022)]	ND(0.0000000037)	ND(0.0000000019)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
HpCDFs (total)	ND(0.0000000031) [ND(0.0000000028)]	ND(0.0000000047)	ND(0.0000000024)
OCDF	ND(0.0000000056) [ND(0.0000000031)]	ND(0.0000000085)	ND(0.0000000041)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
TCDDs (total)	ND(0.0000000026) [ND(0.0000000018)]	ND(0.0000000030)	ND(0.0000000017)
1,2,3,7,8-PeCDD	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
PeCDDs (total)	ND(0.0000000060) [ND(0.0000000032)]	ND(0.0000000064)	ND(0.0000000035)
1,2,3,4,7,8-HxCDD	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,6,7,8-HxCDD	ND(0.0000000034) [ND(0.0000000024)]	ND(0.0000000043)	ND(0.0000000026)
1,2,3,7,8,9-HxCDD	ND(0.0000000037) [ND(0.0000000025)]	ND(0.0000000046)	ND(0.0000000028)
HxCDDs (total)	ND(0.0000000044) [ND(0.0000000030)]	ND(0.0000000056)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
HpCDDs (total)	ND(0.0000000041) [ND(0.0000000032)]	ND(0.0000000084)	ND(0.0000000036)
OCDD	ND(0.0000000056) [ND(0.0000000041)]	ND(0.0000000087)	ND(0.0000000056)
Total TEQs (WHO TEFs)	0.0000000069 [0.0000000040]	0.0000000075	0.0000000042

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-5R 04/06/05	OPCA-MW-6 04/04/05
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(5.0) [ND(5.0)]	ND(5.0)	ND(5.0)
Thallium	NA	NA	NA
Tin	NA	NA	NA
Vanadium	NA	NA	NA
Zinc	NA	NA	NA
Inorganics-Filtered			
Antimony	ND(0.0600) [ND(0.0600)]	0.0140 B	ND(0.0600)
Arsenic	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Barium	0.0680 B [0.0710 B]	0.0720 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) [0.00240 B]	0.00270 B	ND(0.0100)
Cobalt	ND(0.0500) [ND(0.0500)]	0.00680 B	ND(0.0500)
Copper	0.00340 B [0.00420 B]	0.00400 B	ND(0.0250)
Cyanide	0.00160 B [0.00180 B]	ND(0.0100)	0.00160 B
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)]	0.00190 B	ND(0.0400)
Selenium	ND(0.00500) [ND(0.00500)]	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500) [ND(0.00500)]	0.00160 B	ND(0.00500)
Thallium	ND(0.0100) [ND(0.0100)]	ND(0.0100)	ND(0.0100)
Tin	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)
Zinc	0.0770 [0.0820]	0.0240	0.0280

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-8 04/06/05	UB-MW-5 4/5-4/7/2005
Volatile Organics			
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.010)
3-Chloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	ND(0.010)
Acetone	ND(0.010)	ND(0.010)	ND(0.010)
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10)
Acrolein	ND(0.10) J	ND(0.10) J	ND(0.10) J
Acrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromoform	ND(0.0050)	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.0020)	ND(0.0020)	ND(0.0020)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10) J	ND(0.10) J	ND(0.10) J
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Methyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.010) J	ND(0.010) J	ND(0.010) J
Styrene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	ND(0.0050)	0.0026 J	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	0.0012 J
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	ND(0.20)	0.0026 J	0.0012 J

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-8 04/06/05	UB-MW-5 4/5-4/7/2005
PCBs-Unfiltered			
Aroclor-1016	NA	NA	ND(0.000065)
Aroclor-1221	NA	NA	ND(0.000065)
Aroclor-1232	NA	NA	ND(0.000065)
Aroclor-1242	NA	NA	ND(0.000065)
Aroclor-1248	NA	NA	ND(0.000065)
Aroclor-1254	NA	NA	0.000075
Aroclor-1260	NA	NA	ND(0.000065)
Total PCBs	NA	NA	0.000075
PCBs-Filtered			
Aroclor-1016	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1221	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1232	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1242	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.00018	0.000061 J	ND(0.000065)
Aroclor-1260	0.000051 J	ND(0.000065)	ND(0.000065)
Total PCBs	0.000231	0.000061 J	ND(0.000065)
Semivolatile Organics			
1,2,4,5-Tetrachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,2,4-Trichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Diphenylhydrazine	ND(0.010)	ND(0.010)	ND(0.010)
1,3,5-Trinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010) J	ND(0.010) J	ND(0.010) J
1-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)
2,3,4,6-Tetrachlorophenol	ND(0.010)	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dinitrophenol	ND(0.050) J	ND(0.050)	ND(0.050) J
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)
2-Naphthylamine	ND(0.010)	ND(0.010)	ND(0.010)
2-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)
2-Nitrophenol	ND(0.010)	ND(0.010)	ND(0.010)
2-Picoline	ND(0.010)	ND(0.010)	ND(0.010)
3&4-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)
3,3'-Dichlorobenzidine	ND(0.020)	ND(0.020)	ND(0.020)
3,3'-Dimethylbenzidine	ND(0.010)	ND(0.010)	ND(0.010)
3-Methylcholanthrene	ND(0.010)	ND(0.010)	ND(0.010)
3-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)
4,6-Dinitro-2-methylphenol	ND(0.050)	ND(0.050) J	ND(0.050)
4-Aminobiphenyl	ND(0.010)	ND(0.010)	ND(0.010)
4-Bromophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloro-3-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)
4-Chloroaniline	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorobenzilate	ND(0.010)	ND(0.010)	ND(0.010)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-8 04/06/05	UB-MW-5 4/5-4/7/2005
Semivolatile Organics (continued)			
4-Chlorophenyl-phenylether	ND(0.010)	ND(0.010)	ND(0.010)
4-Nitroaniline	ND(0.050)	ND(0.050)	ND(0.050)
4-Nitrophenol	ND(0.050)	ND(0.050)	ND(0.050)
4-Nitroquinoline-1-oxide	ND(0.010) J	ND(0.010) J	ND(0.010) J
4-Phenylenediamine	ND(0.010)	ND(0.010)	ND(0.010)
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)
a,a'-Dimethylphenethylamine	ND(0.010) J	ND(0.010) J	ND(0.010) J
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthylene	ND(0.010)	ND(0.010)	ND(0.010)
Acetophenone	ND(0.010)	ND(0.010)	ND(0.010)
Aniline	ND(0.010) J	ND(0.010) J	ND(0.010) J
Anthracene	ND(0.010)	ND(0.010)	ND(0.010)
Aramite	ND(0.010)	ND(0.010)	ND(0.010)
Benzidine	ND(0.020) J	ND(0.020) J	ND(0.020) J
Benzo(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(a)pyrene	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(b)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(g,h,i)perylene	ND(0.010)	ND(0.010)	ND(0.010)
Benzo(k)fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)
Benzyl Alcohol	ND(0.020)	ND(0.020)	ND(0.020)
bis(2-Chloroethoxy)methane	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroethyl)ether	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Chloroisopropyl)ether	ND(0.010)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)
Butylbenzylphthalate	ND(0.010)	ND(0.010)	ND(0.010)
Chrysene	ND(0.010)	ND(0.010)	ND(0.010)
Diallate	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzo(a,h)anthracene	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)
Diethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)
Dimethylphthalate	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Butylphthalate	ND(0.010)	ND(0.010)	ND(0.010)
Di-n-Octylphthalate	ND(0.010)	ND(0.010)	ND(0.010)
Diphenylamine	ND(0.010)	ND(0.010)	ND(0.010)
Ethyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)
Fluoranthene	ND(0.010)	ND(0.010)	ND(0.010)
Fluorene	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobutadiene	ND(0.0010)	ND(0.0010)	ND(0.0010)
Hexachlorocyclopentadiene	ND(0.010) J	ND(0.010) J	ND(0.010) J
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.020) J	ND(0.020) J	ND(0.020) J
Hexachloropropene	ND(0.010)	ND(0.010)	ND(0.010)
Indeno(1,2,3-cd)pyrene	ND(0.010)	ND(0.010)	ND(0.010)
Isodrin	ND(0.010)	ND(0.010)	ND(0.010)
Isophorone	ND(0.010) J	ND(0.010) J	ND(0.010) J
Isosafrole	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
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-8 04/06/05	UB-MW-5 4/5-4/7/2005
Semivolatile Organics (continued)			
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)
p-Dimethylaminoazobenzene	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloroethane	ND(0.010)	ND(0.010)	ND(0.010)
Pentachloronitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	ND(0.050)	ND(0.050)	ND(0.050)
Phenacetin	ND(0.010)	ND(0.010)	ND(0.010)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)
Safrole	ND(0.010) J	ND(0.010) J	ND(0.010) J
Thionazin	ND(0.010)	ND(0.010)	ND(0.010)
Extractable Petroleum Hydrocarbons			
C11-C22 Aromatic Hydrocarbons	NA	NA	NA
C19-C36 Aliphatic Hydrocarbons	NA	NA	NA
C9-C18 Aliphatic Hydrocarbons	NA	NA	NA
Total Petroleum Hydrocarbons	NA	NA	NA
Furans			
2,3,7,8-TCDF	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
TCDFs (total)	ND(0.0000000016)	ND(0.0000000022)	ND(0.0000000015)
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000039)
PeCDFs (total)	ND(0.0000000035)	ND(0.0000000044)	ND(0.0000000039)
1,2,3,4,7,8-HxCDF	ND(0.0000000031)	ND(0.0000000042)	ND(0.0000000033)
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000027)
1,2,3,7,8,9-HxCDF	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
2,3,4,6,7,8-HxCDF	ND(0.0000000030)	ND(0.0000000040)	ND(0.0000000032)
HxCDFs (total)	ND(0.0000000034)	ND(0.0000000045)	ND(0.0000000036)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000034)	ND(0.0000000042)	ND(0.0000000023)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
HpCDFs (total)	ND(0.0000000044)	ND(0.0000000054)	ND(0.0000000030)
OCDF	ND(0.0000000058)	ND(0.0000000098)	ND(0.0000000053)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
TCDDs (total)	ND(0.0000000022)	ND(0.0000000036)	ND(0.0000000023)
1,2,3,7,8-PeCDD	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
PeCDDs (total)	ND(0.0000000043)	ND(0.0000000066)	ND(0.0000000058)
1,2,3,4,7,8-HxCDD	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000048)	ND(0.0000000030)
1,2,3,7,8,9-HxCDD	ND(0.0000000034)	ND(0.0000000052)	ND(0.0000000032)
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000063)	ND(0.0000000039)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
HpCDDs (total)	ND(0.0000000060)	ND(0.0000000060)	ND(0.0000000041)
OCDD	ND(0.000000010)	ND(0.000000019)	ND(0.0000000051)
Total TEQs (WHO TEFs)	0.0000000052	0.0000000081	0.0000000064

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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-8 04/06/05	UB-MW-5 4/5-4/7/2005
Inorganics-Unfiltered			
Antimony	NA	NA	ND(0.0600)
Arsenic	NA	NA	ND(0.0100)
Barium	NA	NA	0.0330 B
Beryllium	NA	NA	ND(0.00100)
Cadmium	NA	NA	ND(0.00500)
Chromium	NA	NA	ND(0.0100)
Cobalt	NA	NA	ND(0.0500)
Copper	NA	NA	ND(0.025)
Cyanide	NA	NA	0.00130 B
Lead	NA	NA	ND(0.00300)
Mercury	NA	NA	ND(0.000200)
Nickel	NA	NA	0.00300 B
Selenium	NA	NA	ND(0.00500)
Silver	NA	NA	ND(0.00500)
Sulfide	ND(5.0)	ND(5.0)	ND(5.0)
Thallium	NA	NA	ND(0.0100)
Tin	NA	NA	0.00660 B
Vanadium	NA	NA	ND(0.0500)
Zinc	NA	NA	0.0370
Inorganics-Filtered			
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0150 B	0.00950 B	0.0280 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.00330 B	0.00740 B	0.00140 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.00560 B	0.00530 B	0.00290 B
Cyanide	ND(0.0100)	0.00140 B	0.00120 B
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	0.00300 B	0.00240 B	0.00190 B
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	0.00100 B	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)
Tin	ND(0.0300)	ND(0.0300)	ND(0.0300)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0210	0.0480	0.0160 B

TABLE A-1
SPRING 2005 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 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, Appendix IX+3 constituents and EPH.
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, EPH)

J - Indicates that the associated numerical value is an estimated concentration.
R - Data was rejected due to a deficiency in the data generation process.

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 SPRING 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
Chlorobenzene	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				
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)
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

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
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 SPRING 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
Chlorobenzene	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				
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)
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(0.000000012)	ND(0.000000039)	ND(0.0000000049) X
Total TEQs (WHO TEFs)	0.0000000038	0.0000000038	0.000000012	0.0000000027

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
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)
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)	0.00400 B

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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	78-6 06/16/99	78-6 05/03/01
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)
Chlorobenzene	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	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)	0.0019 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	ND(0.000050)	ND(0.000065)
Aroclor-1260	NA	NA	ND(0.000050)	ND(0.000065)
Total PCBs	NA	NA	ND(0.000050)	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	0.000045 J	ND(0.000065)	NA	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.000045 J	ND(0.000065)	NA	ND(0.000065)
Semivolatile Organics				
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(0.010)	ND(0.0060)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
None Detected	NA	NA	NA	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)	ND(0.0000000032)	ND(0.00000000085) XB
TCDFs (total)	ND(0.0000000062)	ND(0.0000000012)	ND(0.0000000032)	ND(0.0000000020)
1,2,3,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000021)	ND(0.0000000079)	ND(0.00000000030)
2,3,4,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000021)	ND(0.0000000083)	ND(0.00000000066)
PeCDFs (total)	ND(0.0000000094)	ND(0.0000000021)	ND(0.0000000083)	ND(0.0000000017)
1,2,3,4,7,8-HxCDF	ND(0.0000000022)	ND(0.0000000025)	ND(0.0000000042)	ND(0.00000000083) XB
1,2,3,6,7,8-HxCDF	ND(0.0000000020)	ND(0.0000000020)	ND(0.0000000043)	ND(0.00000000030)
1,2,3,7,8,9-HxCDF	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000051)	ND(0.00000000030)
2,3,4,6,7,8-HxCDF	ND(0.0000000022)	ND(0.0000000024)	ND(0.0000000044)	ND(0.00000000030)
HxCDFs (total)	ND(0.0000000026)	ND(0.0000000027)	ND(0.0000000051)	ND(0.00000000083) X
1,2,3,4,6,7,8-HpCDF	ND(0.0000000022)	ND(0.0000000024)	ND(0.000000029)	ND(0.00000000050)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000023)	ND(0.0000000030)	ND(0.000000029)	ND(0.00000000060)
HpCDFs (total)	ND(0.0000000023)	ND(0.0000000030)	ND(0.000000029)	ND(0.00000000050)
OCDF	ND(0.0000000032)	ND(0.0000000036)	ND(0.000000017)	ND(0.00000000090)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000035)	ND(0.00000000040)
TCDDs (total)	ND(0.0000000021)	ND(0.0000000019)	ND(0.0000000035)	ND(0.0000000010) X
1,2,3,7,8-PeCDD	ND(0.0000000034)	ND(0.0000000032)	ND(0.000000034)	ND(0.00000000040)
PeCDDs (total)	ND(0.0000000034)	ND(0.0000000032)	ND(0.000000034)	ND(0.0000000019) X
1,2,3,4,7,8-HxCDD	ND(0.0000000026)	ND(0.0000000040)	ND(0.000000014)	ND(0.00000000060)
1,2,3,6,7,8-HxCDD	ND(0.0000000023)	ND(0.0000000030)	ND(0.000000017)	ND(0.00000000060)
1,2,3,7,8,9-HxCDD	ND(0.0000000024)	ND(0.0000000033)	ND(0.000000015)	ND(0.00000000050)
HxCDDs (total)	ND(0.0000000026)	ND(0.0000000040)	ND(0.000000017)	ND(0.0000000060) X
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026)	ND(0.0000000045)	ND(0.000000029)	ND(0.00000000080)
HpCDDs (total)	ND(0.0000000026)	ND(0.0000000045)	ND(0.000000029)	ND(0.00000000080)
OCDD	ND(0.0000000068)	ND(0.0000000076)	ND(0.000000020)	ND(0.0000000079)
Total TEQs (WHO TEFs)	0.0000000043	0.0000000042	0.000000025	0.00000000080

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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	78-6 06/16/99	78-6 05/03/01
Inorganics-Unfiltered				
Antimony	NA	NA	ND(0.0600)	0.00250 J
Arsenic	NA	NA	0.0320	0.0160
Barium	NA	NA	0.0830	0.0960 B
Beryllium	NA	NA	ND(0.00600)	ND(0.00100)
Cadmium	NA	NA	ND(0.00600) J	ND(0.00500)
Chromium	NA	NA	ND(0.0130)	0.00250 B
Cobalt	NA	NA	ND(0.0600)	0.00480 B
Copper	NA	NA	ND(0.0330)	ND(0.0100) J
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)	0.00490 B
Silver	NA	NA	ND(0.0130)	0.0110 J
Sulfide	ND(5.00)	ND(5.0)	ND(5.00)	ND(5.00)
Thallium	NA	NA	ND(0.0130)	ND(0.0100)
Vanadium	NA	NA	ND(0.0600)	ND(0.0500)
Zinc	NA	NA	0.0330	0.0110 B
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	NA	0.00370 J
Arsenic	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	0.0230 B	0.0120 B	NA	0.0450 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(0.0100)	ND(0.0100)	NA	0.00370 B
Cobalt	ND(0.0500)	ND(0.0500)	NA	0.00370 B
Copper	ND(0.0250)	ND(0.0250)	NA	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	NA	NA
Lead	ND(0.00300)	0.000410 B	NA	ND(0.00500) J
Mercury	ND(0.000200)	ND(0.000200)	NA	ND(0.000200)
Nickel	ND(0.0400)	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(0.0100)
Thallium	ND(0.0100)	ND(0.0100)	NA	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc	0.00790 B	0.0290	NA	0.0180 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/31-11/1/01	78-6 04/18/02	78-6 10/1-10/2/2002	78-6 04/21/03
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J	ND(0.010) J	ND(0.010)
Chlorobenzene	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	0.000097	0.000021 J	ND(0.000065)	ND(0.000065)
Aroclor-1260	0.00020	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000297	0.000021 J	ND(0.000065)	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	0.000054 J	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	0.000054 J	ND(0.000065)	ND(0.000065)	ND(0.000065)
Semivolatile Organics				
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(0.0000000000017)	ND(0.0000000013)	ND(0.0000000013)	ND(0.0000000027)
TCDFs (total)	ND(0.0000000000017)	ND(0.0000000013)	ND(0.0000000013)	ND(0.0000000027)
1,2,3,7,8-PeCDF	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)	ND(0.00000000064) X
PeCDFs (total)	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	ND(0.0000000000015)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.0000000000014)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.0000000000017)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.0000000000015)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
HxCDFs (total)	0.0000000000020	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000000025)	ND(0.0000000025)	ND(0.0000000025)	0.0000000016 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000000031)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000025)
HpCDFs (total)	ND(0.0000000000028)	ND(0.0000000025)	ND(0.0000000025)	0.0000000016
OCDF	ND(0.000000000011) X	ND(0.0000000050)	ND(0.0000000050)	ND(0.0000000059)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000000016)	ND(0.0000000016)	ND(0.0000000011)	ND(0.0000000020)
TCDDs (total)	ND(0.0000000000016)	ND(0.0000000016)	ND(0.0000000011)	ND(0.0000000020)
1,2,3,7,8-PeCDD	ND(0.00000000000040)	ND(0.0000000025)	ND(0.0000000056)	ND(0.0000000025)
PeCDDs (total)	ND(0.0000000000012)	ND(0.0000000025)	ND(0.0000000056)	ND(0.0000000039)
1,2,3,4,7,8-HxCDD	ND(0.0000000000035)	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000000031)	ND(0.0000000025)	ND(0.0000000040)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	ND(0.0000000000032)	ND(0.0000000025)	ND(0.0000000041)	ND(0.0000000025)
HxCDDs (total)	ND(0.0000000000033)	ND(0.0000000026)	ND(0.0000000042)	ND(0.0000000044)
1,2,3,4,6,7,8-HpCDD	0.0000000000097 J	ND(0.0000000031)	ND(0.0000000040)	ND(0.0000000026)
HpCDDs (total)	ND(0.0000000000097)	ND(0.0000000048)	ND(0.0000000055)	ND(0.0000000026)
OCDD	ND(0.000000000054)	ND(0.000000013)	ND(0.000000013)	ND(0.0000000059)
Total TEQs (WHO TEFs)	0.0000000000024	0.0000000037	0.0000000053	0.0000000035

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/31-11/1/01	78-6 04/18/02	78-6 10/1-10/2/2002	78-6 04/21/03
Inorganics-Unfiltered				
Antimony	0.0120 B	ND(0.0600)	ND(0.0600)	0.00410 B
Arsenic	0.370	ND(0.0100)	0.0250	ND(0.0100)
Barium	0.160 B	ND(0.200)	0.119 B	0.0910 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.00600	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.0280	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	0.0100 B	ND(0.0500)	ND(0.0500)	0.00240 B
Copper	0.0910	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	0.0290	0.00280 B	ND(0.0100)	0.00360 B
Lead	0.0200	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200) J	ND(0.000200) J	ND(0.000200)
Nickel	0.0110 B	ND(0.0400)	ND(0.0400)	0.00270 B
Selenium	0.00510	ND(0.00500)	ND(0.00500) J	ND(0.00500)
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	0.0150 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	2.00	ND(0.0200) J	0.00530 B	ND(0.020)
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.100)	ND(0.0100)	ND(0.0100)
Barium	0.0680 B	ND(0.200)	0.0887 B	0.0750 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
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)
Cobalt	ND(0.0500)	ND(0.0500)	0.00197 B	0.00170 B
Copper	ND(0.0250)	ND(0.100)	ND(0.0250)	ND(0.0250)
Cyanide	NA	NA	ND(0.0100)	0.00240 B
Lead	ND(0.00500) J	ND(0.00300)	ND(0.00300)	ND(0.00300)
Mercury	ND(0.000200)	ND(0.000200) J	0.000370 J	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00280 B
Selenium	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)
Thallium	ND(0.00500) J	ND(0.0100) J	0.00230 J	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.020) J	ND(0.0200) J	ND(0.0200)	0.00380 B

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/30/03	78-6 04/27/04	78-6 10/01/04	78-6 04/01/05
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J	ND(0.010)	ND(0.010)
Chlorobenzene	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)	0.0020 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(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	0.0020 J	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	NA	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA	NA
Aroclor-1254	0.00013	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA
Total PCBs	0.00013	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	0.000058 J	ND(0.000065)	0.000022 J	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000058 J	ND(0.000065)	0.000022 J	ND(0.000065)
Semivolatile Organics				
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(0.0000000057)	ND(0.00000000098)	ND(0.0000000013)	ND(0.0000000014)
TCDFs (total)	ND(0.0000000057)	ND(0.00000000098)	ND(0.0000000059)	ND(0.0000000014)
1,2,3,7,8-PeCDF	ND(0.0000000017)	ND(0.00000000087)	ND(0.0000000018)	ND(0.0000000023)
2,3,4,7,8-PeCDF	ND(0.0000000018)	ND(0.00000000074)	ND(0.0000000018)	ND(0.0000000024)
PeCDFs (total)	ND(0.0000000017)	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000018)	ND(0.0000000027)
1,2,3,6,7,8-HxCDF	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000017)	ND(0.0000000022)
1,2,3,7,8,9-HxCDF	ND(0.0000000021)	ND(0.0000000026)	ND(0.0000000021)	ND(0.0000000029)
2,3,4,6,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000024)	ND(0.0000000019)	ND(0.0000000026)
HxCDFs (total)	ND(0.0000000016)	ND(0.0000000024)	ND(0.0000000021)	ND(0.0000000029)
1,2,3,4,6,7,8-HpCDF	0.0000000037	ND(0.0000000010)	ND(0.0000000016)	ND(0.0000000019)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000010)	ND(0.0000000025)	ND(0.0000000020)	ND(0.0000000024)
HpCDFs (total)	0.0000000037	ND(0.0000000010)	ND(0.0000000020)	ND(0.0000000024)
OCDF	ND(0.0000000071) X	ND(0.0000000057)	ND(0.0000000026)	ND(0.0000000037)
Dioxins				
2,3,7,8-TCDD	ND(0.000000014)	ND(0.0000000012)	ND(0.0000000016)	ND(0.0000000020)
TCDDs (total)	ND(0.000000014)	ND(0.0000000024)	ND(0.0000000016)	ND(0.0000000020)
1,2,3,7,8-PeCDD	ND(0.0000000027)	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000035)
PeCDDs (total)	ND(0.0000000027)	ND(0.0000000033)	ND(0.0000000028)	ND(0.0000000035)
1,2,3,4,7,8-HxCDD	ND(0.0000000021)	ND(0.0000000045)	ND(0.0000000025)	ND(0.0000000040)
1,2,3,6,7,8-HxCDD	ND(0.0000000019)	ND(0.0000000040)	ND(0.0000000022)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD	ND(0.0000000019)	ND(0.0000000043)	ND(0.0000000023)	ND(0.0000000033)
HxCDDs (total)	ND(0.0000000019)	ND(0.0000000042)	ND(0.0000000025)	ND(0.0000000040)
1,2,3,4,6,7,8-HpCDD	0.0000000027	ND(0.0000000036)	ND(0.0000000027)	ND(0.0000000035)
HpCDDs (total)	0.0000000027	ND(0.0000000036)	ND(0.0000000027)	ND(0.0000000035)
OCDD	ND(0.000000033)	0.0000000052 J	ND(0.0000000051)	ND(0.0000000043)
Total TEQs (WHO TEFs)	0.0000000098	0.0000000032	0.0000000035	0.0000000046

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/30/03	78-6 04/27/04	78-6 10/01/04	78-6 04/01/05
Inorganics-Unfiltered				
Antimony	ND(0.0600)	NA	NA	NA
Arsenic	ND(0.0100) J	NA	NA	NA
Barium	0.0310 B	NA	NA	NA
Beryllium	ND(0.00100)	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA
Chromium	ND(0.010)	NA	NA	NA
Cobalt	ND(0.0500)	NA	NA	NA
Copper	0.00180 B	NA	NA	NA
Cyanide	0.00260 B	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)	0.00820 B	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100) J	ND(0.0100)	0.00590 B	ND(0.0100)
Barium	0.0320 B	0.0390 B	0.0550 B	0.0470 B
Beryllium	ND(0.00100)	0.000310 B	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.010)	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(0.0250)
Cyanide	0.00260 B	0.00630 B	ND(0.0100)	0.00210 B
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300)	0.000540 B
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00170 B
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	0.00110 B	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)	0.00250 B	ND(0.0200)	0.0300

TABLE B-1
OPCA MONITORING PROGRAM

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

Parameter / Sample ID: / Date Collected:	GMA4-4 04/21/03	GMA4-4 11/12/03	H78B-15 06/16/99	H78B-15 05/03/01
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)
Chlorobenzene	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	ND(0.000065)	ND(0.000065)	ND(0.000050)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000050)	ND(0.000065)
Aroclor-1254	0.000024 J	0.000039 J	0.000035 J	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000050)	ND(0.000065)
Total PCBs	0.000024 J	0.000039 J	0.000035 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	0.000028 J	0.000030 J	NA	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.000028 J	0.000030 J	NA	ND(0.000065)
Semivolatile Organics				
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(0.010)	ND(0.0060)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
None Detected	NA	NA	NA	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000021)	ND(0.0000000023)	ND(0.0000000015)	ND(0.00000000040)
TCDFs (total)	ND(0.0000000021)	ND(0.0000000023)	ND(0.0000000015)	ND(0.0000000012)
1,2,3,7,8-PeCDF	ND(0.0000000025)	0.0000000016 J	ND(0.0000000036)	ND(0.00000000038)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000012)	ND(0.0000000034)	ND(0.00000000055) XB
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000028)	ND(0.0000000036)	ND(0.0000000013)
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000012)	ND(0.0000000017)	ND(0.0000000015) XB
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000017)	ND(0.00000000040)
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000023)	ND(0.00000000050)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000018)	ND(0.00000000040)
HxCDFs (total)	ND(0.0000000025)	ND(0.0000000028)	ND(0.0000000023)	ND(0.00000000058)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.0000000037)	ND(0.000000032)	ND(0.00000000060)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000032)	ND(0.0000000048)	ND(0.000000015)	ND(0.00000000086) XB
HpCDFs (total)	ND(0.0000000027)	ND(0.0000000042)	ND(0.000000032)	ND(0.00000000086) X
OCDF	ND(0.0000000050)	ND(0.000000012)	ND(0.0000000076)	ND(0.0000000026)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000019)	ND(0.0000000035)	ND(0.0000000035)	ND(0.0000000017) XB
TCDDs (total)	ND(0.0000000027)	ND(0.0000000035)	ND(0.0000000035)	ND(0.0000000031) X
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000023)	ND(0.0000000071)	ND(0.00000000060)
PeCDDs (total)	ND(0.0000000036)	ND(0.0000000023)	ND(0.0000000071)	ND(0.0000000018) X
1,2,3,4,7,8-HxCDD	ND(0.0000000029)	ND(0.0000000040)	ND(0.0000000056)	ND(0.00000000080)
1,2,3,6,7,8-HxCDD	ND(0.0000000026)	ND(0.0000000039)	ND(0.0000000070)	ND(0.0000000012)
1,2,3,7,8,9-HxCDD	ND(0.0000000028)	ND(0.0000000040)	ND(0.0000000062)	ND(0.00000000095) XB
HxCDDs (total)	ND(0.0000000040)	ND(0.0000000039)	ND(0.0000000070)	0.0000000032
1,2,3,4,6,7,8-HpCDD	ND(0.0000000030)	ND(0.0000000054)	ND(0.000000011)	0.0000000052 JB
HpCDDs (total)	ND(0.0000000030)	ND(0.0000000054)	ND(0.000000011)	ND(0.0000000052)
OCDD	ND(0.0000000086)	ND(0.000000028)	ND(0.0000000090)	ND(0.0000000077)
Total TEQs (WHO TEFs)	0.0000000040	0.0000000045	0.0000000079	0.0000000017

TABLE B-1
OPCA MONITORING PROGRAM

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

Parameter / Sample ID: / Date Collected:	GMA4-4 04/21/03	GMA4-4 11/12/03	H78B-15 06/16/99	H78B-15 05/03/01
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	0.00290 J
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.00600)	ND(0.0100)
Barium	0.0160 B	0.00980 B	0.0570	0.00430 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00600)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00600) J	ND(0.00500)
Chromium	ND(0.0100)	ND(0.010)	ND(0.0130)	0.00290 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0600)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0330)	0.00910 B
Cyanide	ND(0.0100)	0.00270 B	ND(0.0200)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.130) J	ND(0.00500) J
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000500)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0600)	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00600)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.0130)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100)	ND(0.0130)	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0600)	ND(0.0500)
Zinc	ND(0.025)	ND(0.020)	0.0830	0.0110 J
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	NA	ND(0.0100) J
Arsenic	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	0.0160 B	0.0120 B	NA	0.00460 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(0.0100)	ND(0.0100)	NA	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	NA	0.00610 B
Cyanide	ND(0.0100)	0.00280 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	ND(0.0400)	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) J	ND(0.0100)	NA	ND(0.0100) J
Vanadium	ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc	0.00140 B	ND(0.0200) J	NA	0.0180 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 11/1-11/26/01	H78B-15 04/18/02	H78B-15 10/01/02	H78B-15 04/22/03
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010)
Chlorobenzene	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)	0.0097	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.0025)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000020 J	ND(0.0025)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.0025)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000020 J	0.0097	ND(0.000065)
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	ND(0.000065)	0.0084	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.0025)	ND(0.000065)
Aroclor-1254	ND(0.000065)	ND(0.000065)	ND(0.0025)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.0025)	ND(0.000065)
Total PCBs	ND(0.000065)	ND(0.000065)	0.0084	ND(0.000065)
Semivolatile Organics				
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(0.0000000000016)	ND(0.0000000011)	ND(0.0000000023)	ND(0.0000000050)
TCDFs (total)	ND(0.0000000000016)	ND(0.0000000011)	ND(0.0000000023)	0.000000020
1,2,3,7,8-PeCDF	ND(0.00000000000090)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000059)
2,3,4,7,8-PeCDF	ND(0.00000000000090)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000059)
PeCDFs (total)	ND(0.00000000000090)	ND(0.0000000025)	0.0000000046	0.000000038
1,2,3,4,7,8-HxCDF	ND(0.00000000000080) X	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000038)
1,2,3,6,7,8-HxCDF	ND(0.00000000000080) X	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000034)
1,2,3,7,8,9-HxCDF	ND(0.00000000000090)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000045)
2,3,4,6,7,8-HxCDF	ND(0.00000000000080)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000037)
HxCDFs (total)	0.0000000000023	ND(0.0000000025)	0.0000000024	ND(0.0000000038)
1,2,3,4,6,7,8-HpCDF	0.0000000000032 J	ND(0.0000000025)	ND(0.0000000050)	ND(0.0000000020) X
1,2,3,4,7,8,9-HpCDF	ND(0.0000000000021)	ND(0.0000000025)	ND(0.0000000031)	ND(0.0000000041)
HpCDFs (total)	0.0000000000032	ND(0.0000000025)	ND(0.0000000050)	ND(0.0000000035)
OCDF	ND(0.0000000000037) X	0.0000000028 J	ND(0.0000000050)	ND(0.0000000095)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000000010)	ND(0.0000000022)	ND(0.0000000024)	ND(0.0000000035)
TCDDs (total)	ND(0.0000000000010)	ND(0.0000000022)	ND(0.0000000024)	ND(0.0000000035)
1,2,3,7,8-PeCDD	ND(0.00000000000090)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000051)
PeCDDs (total)	ND(0.0000000000018)	ND(0.0000000025)	ND(0.0000000039)	0.0000000051 Q
1,2,3,4,7,8-HxCDD	ND(0.0000000000012)	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000046)
1,2,3,6,7,8-HxCDD	ND(0.0000000000011)	ND(0.0000000025)	ND(0.0000000032)	ND(0.0000000042)
1,2,3,7,8,9-HxCDD	ND(0.0000000000011)	ND(0.0000000025)	ND(0.0000000032)	ND(0.0000000046)
HxCDDs (total)	0.0000000000022	ND(0.0000000025)	ND(0.0000000048)	ND(0.0000000044)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000000039) X	ND(0.0000000028)	ND(0.0000000035)	0.0000000039 J
HpCDDs (total)	0.0000000000028	ND(0.0000000028)	ND(0.0000000035)	0.0000000039
OCDD	0.000000000026 J	ND(0.000000028)	ND(0.000000010)	0.0000000078 J
Total TEQs (WHO TEFs)	0.0000000000017	0.0000000040	0.0000000043	0.0000000077

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 11/1-11/26/01	H78B-15 04/18/02	H78B-15 10/01/02	H78B-15 04/22/03
Inorganics-Unfiltered				
Antimony	0.00990 B	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	0.0200	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.150 B	ND(0.200)	0.0145 B	0.0100 B
Beryllium	0.000930 B	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	0.00250 B	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.0430	ND(0.0100)	ND(0.0100)	ND(0.0100)
Cobalt	0.0310 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	0.0810	ND(0.0250)	0.00842 B	0.00680 J
Cyanide	ND(0.0100)	0.0120	ND(0.0100)	ND(0.0100)
Lead	0.0310	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	0.0560	ND(0.0400)	ND(0.0400)	0.00360 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)
Sulfide	ND(5.00)	ND(5.00)	14.0	6.40
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	0.0330 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.220	ND(0.0200) J	0.0210	0.0160 J
Inorganics-Filtered				
Antimony	0.00910 B	ND(0.0600)	ND(0.0600)	0.0100 J
Arsenic	ND(0.0100)	ND(0.100)	ND(0.0100)	ND(0.0100)
Barium	0.0700 B	ND(0.200)	0.0154 B	0.0120 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100) J
Cadmium	0.000880 B	ND(0.0100)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0250)	ND(0.0100)	0.00260 J
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500) J
Copper	ND(0.0250)	ND(0.100)	0.00737 B	0.00250 B
Cyanide	NA	NA	ND(0.0100)	ND(0.0100)
Lead	ND(0.00500) J	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)	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)	0.00140 B
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	0.00840 J
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	ND(0.0200) J	ND(0.0200)	ND(0.0200) J

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 11/11/03	H78B-15 04/29/04	H78B-15 10/04/04	H78B-15 04/04/05
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010)
Chlorobenzene	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	0.0016 J	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	0.0016 J	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	ND(0.000065)	NA	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA	NA
Aroclor-1254	0.000039 J	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA
Total PCBs	0.000039 J	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	0.000024 J	ND(0.000065)	0.000035 J	0.000031 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.000024 J	ND(0.000065)	0.000035 J	0.000031 J
Semivolatile Organics				
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(0.0000000022)	ND(0.00000000041)	ND(0.0000000026)	ND(0.0000000014)
TCDFs (total)	ND(0.0000000022)	ND(0.00000000041)	ND(0.0000000026)	ND(0.0000000021)
1,2,3,7,8-PeCDF	0.0000000017 J	ND(0.00000000051)	ND(0.0000000010)	ND(0.0000000024)
2,3,4,7,8-PeCDF	0.0000000016 J	ND(0.00000000052)	ND(0.0000000010)	ND(0.0000000024)
PeCDFs (total)	ND(0.0000000054)	ND(0.00000000052)	ND(0.0000000018)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.0000000066)	ND(0.00000000021)	ND(0.00000000085)	ND(0.0000000026)
1,2,3,6,7,8-HxCDF	0.0000000016 J	ND(0.00000000020)	ND(0.00000000071)	ND(0.0000000021)
1,2,3,7,8,9-HxCDF	ND(0.0000000014) X	ND(0.00000000030)	ND(0.00000000092)	ND(0.0000000028)
2,3,4,6,7,8-HxCDF	0.0000000011 J	ND(0.00000000022)	ND(0.00000000082)	ND(0.0000000025)
HxCDFs (total)	ND(0.000000017)	ND(0.00000000030)	ND(0.00000000092)	ND(0.0000000028)
1,2,3,4,6,7,8-HpCDF	0.0000000015 J	ND(0.00000000026)	ND(0.00000000054)	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.00000000034)	ND(0.00000000064)	ND(0.0000000032)
HpCDFs (total)	0.0000000015	ND(0.00000000034)	ND(0.00000000064)	ND(0.0000000032)
OCDF	ND(0.0000000060)	ND(0.00000000094)	ND(0.0000000027)	ND(0.0000000040)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000029)	ND(0.00000000047)	ND(0.0000000011)	ND(0.0000000020)
TCDDs (total)	ND(0.0000000029)	ND(0.00000000047)	ND(0.0000000011)	ND(0.0000000020)
1,2,3,7,8-PeCDD	0.0000000015 J	ND(0.00000000099)	ND(0.0000000025)	ND(0.0000000038)
PeCDDs (total)	0.0000000015	ND(0.00000000099)	ND(0.0000000025)	ND(0.0000000038)
1,2,3,4,7,8-HxCDD	0.0000000014 J	ND(0.00000000054)	ND(0.0000000011)	ND(0.0000000041)
1,2,3,6,7,8-HxCDD	0.0000000016 J	ND(0.00000000050)	ND(0.00000000087)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD	ND(0.0000000021) X	ND(0.00000000054)	ND(0.00000000091)	ND(0.0000000034)
HxCDDs (total)	0.0000000029	ND(0.00000000054)	ND(0.0000000012)	ND(0.0000000041)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000033)	ND(0.00000000049)	ND(0.0000000013)	ND(0.0000000044)
HpCDDs (total)	ND(0.0000000033)	ND(0.00000000049)	ND(0.0000000013)	ND(0.0000000044)
OCDD	ND(0.0000000072) X	ND(0.00000000059)	ND(0.0000000028)	ND(0.0000000053)
Total TEQs (WHO TEFs)	0.0000000051	0.0000000010	0.0000000025	0.0000000047

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 11/11/03	H78B-15 04/29/04	H78B-15 10/04/04	H78B-15 04/04/05
Inorganics-Unfiltered				
Antimony	ND(0.0600)	NA	NA	NA
Arsenic	ND(0.0100)	NA	NA	NA
Barium	0.0240 B	NA	NA	NA
Beryllium	ND(0.00500)	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA
Chromium	ND(0.010)	NA	NA	NA
Cobalt	ND(0.0500)	NA	NA	NA
Copper	ND(0.0250)	NA	NA	NA
Cyanide	0.00370 B	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)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0260 B	0.0270 B	0.00800 B	0.0680 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(0.0250)
Cyanide	ND(0.0100)	0.00210 B	ND(0.0100)	0.0140
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)	0.00210 B	0.00150 B
Selenium	ND(0.00500)	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)	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)	0.00360 B	0.00200 B	0.0150 B

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 06/14/99	NY-4 04/30/01	NY-4 11/21-11/26/2001	NY-4 04/22/02
Volatile Organics				
Acetone	ND(0.10)	ND(0.010)	ND(0.010) J	ND(0.010) J
Chlorobenzene	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(0.00010)	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	0.00012	0.00023	0.00016	0.000069
Aroclor-1260	ND(0.00010)	0.000080	ND(0.000065)	ND(0.000065)
Total PCBs	0.00012	0.00031	0.00016	0.000069
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	0.00011	ND(0.000065)	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	NA	0.00011	ND(0.000065)	ND(0.000065)
Semivolatile Organics				
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(0.0000000020)	ND(0.0000000011)	ND(0.00000000000050)	ND(0.0000000014)
TCDFs (total)	ND(0.0000000020)	ND(0.000000018) X	ND(0.00000000000050)	ND(0.0000000014)
1,2,3,7,8-PeCDF	ND(0.0000000074)	ND(0.000000012)	ND(0.0000000000014)	0.00000000086 J
2,3,4,7,8-PeCDF	ND(0.0000000069)	0.0000000034 J	0.0000000000011 J	0.0000000010 J
PeCDFs (total)	ND(0.0000000074)	0.000000044	ND(0.0000000000024)	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	ND(0.000000021)	ND(0.000000013)	ND(0.0000000000027)	ND(0.0000000024)
1,2,3,6,7,8-HxCDF	ND(0.000000022)	ND(0.0000000032)	ND(0.0000000000024)	ND(0.0000000024)
1,2,3,7,8,9-HxCDF	ND(0.000000021)	ND(0.0000000010)	ND(0.0000000000031)	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	ND(0.000000023)	ND(0.0000000017)	ND(0.0000000000027)	ND(0.0000000024)
HxCDFs (total)	ND(0.000000023)	ND(0.000000027)	ND(0.0000000000027)	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	ND(0.000000054)	ND(0.0000000066)	0.0000000000038 J	ND(0.0000000015)
1,2,3,4,7,8,9-HpCDF	ND(0.000000054)	0.0000000034 JB	ND(0.0000000000040)	ND(0.0000000024)
HpCDFs (total)	ND(0.000000054)	ND(0.0000000014)	0.0000000000092	ND(0.0000000027)
OCDF	ND(0.000000067)	0.000000023 J	ND(0.000000000016)	ND(0.0000000058)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000030)	0.000000017	ND(0.00000000000070)	ND(0.0000000023)
TCDDs (total)	ND(0.0000000030)	0.000000017	ND(0.0000000000014)	ND(0.0000000023)
1,2,3,7,8-PeCDD	ND(0.000000031)	ND(0.0000000018)	ND(0.00000000000070)	ND(0.0000000024)
PeCDDs (total)	ND(0.000000031)	ND(0.0000000093)	ND(0.0000000000010)	ND(0.0000000024)
1,2,3,4,7,8-HxCDD	ND(0.000000032)	ND(0.0000000016)	ND(0.0000000000049)	ND(0.0000000024)
1,2,3,6,7,8-HxCDD	ND(0.000000040)	ND(0.000000017)	ND(0.0000000000044)	ND(0.0000000024)
1,2,3,7,8,9-HxCDD	ND(0.000000036)	ND(0.000000012)	ND(0.0000000000045)	ND(0.0000000024)
HxCDDs (total)	ND(0.000000040)	ND(0.000000062)	ND(0.0000000000046)	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDD	ND(0.000000082)	0.000000084 B	ND(0.0000000000095)	0.0000000042 J
HpCDDs (total)	ND(0.000000082)	0.00000012	ND(0.0000000000095)	0.0000000042
OCDD	ND(0.000000084)	ND(0.000000048)	ND(0.000000000077)	ND(0.000000022)
Total TEQs (WHO TEFs)	0.000000029	0.000000023	0.0000000000027	0.0000000039

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 06/14/99	NY-4 04/30/01	NY-4 11/21-11/26/2001	NY-4 04/22/02
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	0.0200	0.0300 B	0.0590 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)	0.00460 B	0.110	ND(0.0100)
Cobalt	ND(0.0600)	ND(0.0500)	0.00790 B	ND(0.0500)
Copper	ND(0.0330)	0.0100 B	0.0180 B	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.130) J	ND(0.00500)	0.0066 J	ND(0.00300)
Mercury	ND(0.000500)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0600)	ND(0.0400)	0.0770	ND(0.0400)
Selenium	ND(0.00600) J	0.0080 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)	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0600)	ND(0.0500)	0.00840 B	ND(0.0500)
Zinc	ND(0.0260)	0.0350	0.0620	ND(0.0200)
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	0.0170 B	0.0180 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	0.00410 B	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)
Nickel	NA	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	NA	0.0075 J	ND(0.00500)	ND(0.00500)
Silver	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Thallium	NA	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	NA	0.0180 B	ND(0.028)	ND(0.0200)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/03/02	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1 10/31/01
Volatile Organics				
Acetone	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Chlorobenzene	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(0.010)	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(0.000065)	ND(0.000050)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000050)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	0.000054	ND(0.000065)	0.00013
Aroclor-1260	ND(0.000065)	ND(0.000050)	ND(0.000065)	0.000088
Total PCBs	ND(0.000065)	0.000054	ND(0.000065)	0.000218
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	NA	ND(0.000065)	0.000029 J
Aroclor-1260	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	NA	ND(0.000065)	0.000029 J
Semivolatile Organics				
2,4-Dimethylphenol	ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.012)	ND(0.010)	ND(0.0060)
Dibenzofuran	ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.012)	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(0.0000000012)	ND(0.0000000011)	ND(0.0000000013)	0.0000000014 J
TCDFs (total)	ND(0.0000000012)	0.0000000090 J	ND(0.0000000013)	0.0000000058
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000025)	ND0.0000000037)	ND(0.0000000000033)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000015)	ND(0.0000000000035)
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000037)	ND(0.000000000022)
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000011)	ND(0.0000000025)	0.0000000052 J
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000011)	ND(0.0000000015)	0.0000000041 J
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000021)	ND(0.0000000000031)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000012)	ND(0.00000000090)	ND(0.0000000000038)
HxCDFs (total)	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000046)	ND(0.000000000034)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.0000000073)	ND(0.0000000025)	ND(0.0000000000054)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000090)	ND(0.0000000015)	0.0000000026 J
HpCDFs (total)	ND(0.0000000025)	0.0000000078 J	ND(0.0000000025)	0.000000012
OCDF	ND(0.0000000049)	ND(0.0000000037)	ND(0.0000000046)	0.0000000069 J
Dioxins				
2,3,7,8-TCDD	ND(0.0000000012)	ND(0.0000000012)	ND(0.0000000018)	ND(0.0000000022) X
TCDDs (total)	ND(0.0000000017)	ND(0.0000000012)	ND(0.0000000018)	ND(0.00000000040)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000046)	ND(0.0000000015)	ND(0.0000000037) X
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000046)	ND(0.0000000015)	ND(0.0000000022)
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000034)	ND(0.0000000012)	0.0000000022 J
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000042)	ND(0.0000000013)	ND(0.0000000020) X
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000038)	ND(0.0000000012)	ND(0.0000000000021)
HxCDDs (total)	ND(0.0000000032)	ND(0.0000000042)	ND(0.0000000025)	ND(0.0000000000092)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000027) X	ND(0.0000000070)	ND(0.0000000045)	0.0000000064 J
HpCDDs (total)	ND(0.0000000025)	ND(0.0000000070)	ND(0.0000000045)	0.000000012
OCDD	ND(0.000000011)	ND(0.0000000044)	ND(0.000000029)	ND(0.000000000060)
Total TEQs (WHO TEFs)	0.0000000035	0.0000000046	0.0000000028	0.0000000044

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/03/02	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1 10/31/01
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.00600)	0.00450 B	ND(0.0100)
Barium	0.0370 B	0.0620	0.0240 B	0.0240 B
Beryllium	ND(0.00100)	ND(0.00600)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500) J	ND(0.00600) J	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0130)	ND(0.025) J	0.00470 B
Cobalt	ND(0.0500)	ND(0.0600)	0.000350 B	ND(0.0500)
Copper	0.00490 B	ND(0.0330)	ND(0.0250)	0.00660 B
Cyanide	ND(0.0100)	ND(0.0200)	ND(0.0100)	ND(0.0100)
Lead	0.00580	ND(0.130) J	ND(0.0050) J	ND(0.00500) J
Mercury	ND(0.000200) J	ND(0.000500)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0600)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	ND(0.00600)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.0130)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0130)	ND(0.010) J	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0600)	ND(0.0500)	ND(0.0500)
Zinc	0.00890 J	ND(0.0260)	0.028 J	0.0210 J
Inorganics-Filtered				
Antimony	0.00610 B	NA	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	0.0210 B	NA	0.0230 B	0.0220 B
Beryllium	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500) J	NA	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	NA	ND(0.025) J	ND(0.0100)
Cobalt	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	NA	0.00420 B	ND(0.0250)
Cyanide	ND(0.0100)	NA	NA	NA
Lead	ND(0.00300)	NA	ND(0.0050) J	ND(0.00500) J
Mercury	0.000170 J	NA	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	NA	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	NA	ND(0.010) J	ND(0.0100)
Vanadium	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200) J	NA	0.028 J	0.0180 BJ

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/19/02	OPCA-MW-1 10/03/02	OPCA-MW-1 04/22/03	OPCA-MW-1 11/11/03
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010) J
Chlorobenzene	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	0.00053	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.00025	0.00011	0.00054	0.0012
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.000083	ND(0.000065)
Total PCBs	0.00078	0.00011	0.000623	0.0012
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	0.00016	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	0.00016	ND(0.000065)	ND(0.000065)	ND(0.000065)
Semivolatile Organics				
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(0.0000000013)	ND(0.0000000052) X	ND(0.0000000044)	ND(0.0000000028)
TCDFs (total)	0.0000000024	0.0000000047	0.000000012	ND(0.0000000028)
1,2,3,7,8-PeCDF	0.00000000096 J	ND(0.0000000027) X	ND(0.0000000024)	ND(0.0000000016) X
2,3,4,7,8-PeCDF	0.0000000015 J	0.0000000037 J	0.0000000016 J	ND(0.0000000016)
PeCDFs (total)	0.0000000056	ND(0.000000010)	0.000000014 I	ND(0.0000000034)
1,2,3,4,7,8-HxCDF	0.0000000016 J	0.0000000053 J	0.0000000049 J	ND(0.0000000013)
1,2,3,6,7,8-HxCDF	0.0000000014 J	0.0000000031 J	0.0000000024 J	ND(0.0000000016)
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000028)	ND(0.0000000031)	ND(0.0000000030)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000032) X	ND(0.0000000015) X	ND(0.0000000025)
HxCDFs (total)	0.0000000053	ND(0.0000000072)	0.000000010	ND(0.0000000040)
1,2,3,4,6,7,8-HpCDF	0.0000000024 J	0.0000000069 J	0.0000000044 J	ND(0.0000000055) X
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000044)	ND(0.0000000038)
HpCDFs (total)	0.0000000061	0.000000011	0.0000000044	0.0000000035
OCDF	0.0000000051 J	0.000000011 J	0.0000000096 J	0.0000000079 J
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000016)	ND(0.0000000042)	ND(0.0000000044)
TCDDs (total)	ND(0.0000000020)	ND(0.0000000016)	ND(0.0000000042)	ND(0.0000000044)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000027)	ND(0.0000000032)	ND(0.0000000015)
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000027)	ND(0.0000000034)	ND(0.0000000015)
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000054)	ND(0.0000000039)	ND(0.0000000042)
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000049)	ND(0.0000000035)	ND(0.0000000041)
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000050)	ND(0.0000000039)	ND(0.0000000042)
HxCDDs (total)	ND(0.0000000025)	ND(0.0000000051)	ND(0.0000000044)	ND(0.0000000029)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000061)	ND(0.0000000088) X	ND(0.0000000030) X	0.0000000056 J
HpCDDs (total)	ND(0.000000012)	0.000000017	0.0000000022	0.0000000056
OCDD	ND(0.000000049)	ND(0.000000077)	0.000000018 J	0.000000021 J
Total TEQs (WHO TEFs)	0.0000000041	0.0000000064	0.0000000064	0.0000000047

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/19/02	OPCA-MW-1 10/03/02	OPCA-MW-1 04/22/03	OPCA-MW-1 11/11/03
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	ND(0.200)	0.0250 B	0.0210 B	0.0180 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00500)
Cadmium	ND(0.00500)	0.000470 B	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.100)	ND(0.0100)	ND(0.010)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00550 J	ND(0.0250)
Cyanide	ND(0.0100)	0.00430 B	ND(0.0100)	0.00310 B
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J	ND(0.00300)
Mercury	ND(0.000200) J	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	0.00230 B	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	0.00610 J	ND(0.00500) J	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	20.0	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	0.0150 J	0.0170 J	ND(0.020)
Inorganics-Filtered				
Antimony	ND(0.0600)	0.00420 B	ND(0.0600) J	ND(0.0600)
Arsenic	ND(0.100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	ND(0.200)	0.0230 B	0.0200 B	0.0200 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100) J	ND(0.00100)
Cadmium	ND(0.0100)	0.000510 B	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0250)	ND(0.0100)	0.00180 J	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500) J	ND(0.0500)
Copper	ND(0.100)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide	NA	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J	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)	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) J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	0.00200 B	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200) J	ND(0.0200) J	ND(0.0200) J	ND(0.020)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/28/04	OPCA-MW-1 10/01/04	OPCA-MW-1 04/04/05
Volatile Organics			
Acetone	ND(0.010) J	ND(0.010)	ND(0.010)
Chlorobenzene	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)	0.0017 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	0.0017 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)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.00037	0.000092	0.00021
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	0.00037	0.000092	0.00021
Semivolatile Organics			
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(0.0000000016)	ND(0.0000000031)	ND(0.0000000025)
TCDFs (total)	ND(0.0000000016)	0.000000015	0.0000000053
1,2,3,7,8-PeCDF	ND(0.0000000021)	ND(0.0000000022)	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000022)	ND(0.0000000025)
PeCDFs (total)	ND(0.000000011)	ND(0.0000000054)	ND(0.0000000028)
1,2,3,4,7,8-HxCDF	ND(0.0000000043)	ND(0.0000000018)	ND(0.0000000027)
1,2,3,6,7,8-HxCDF	ND(0.0000000033)	ND(0.0000000017)	ND(0.0000000022)
1,2,3,7,8,9-HxCDF	0.0000000016 J	ND(0.0000000021)	ND(0.0000000029)
2,3,4,6,7,8-HxCDF	ND(0.0000000017) X	ND(0.0000000018)	ND(0.0000000026)
HxCDFs (total)	ND(0.000000012)	ND(0.0000000021)	ND(0.0000000029)
1,2,3,4,6,7,8-HpCDF	0.0000000031 J	ND(0.0000000018)	ND(0.0000000026)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000022) X	ND(0.0000000021)	ND(0.0000000027)
HpCDFs (total)	0.0000000031	ND(0.0000000021)	ND(0.0000000027)
OCDF	ND(0.0000000044) X	ND(0.0000000026)	ND(0.0000000035)
Dioxins			
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000016)	ND(0.0000000019)
TCDDs (total)	ND(0.0000000025)	ND(0.0000000016)	ND(0.0000000019)
1,2,3,7,8-PeCDD	0.0000000023 J	ND(0.0000000027)	ND(0.0000000037)
PeCDDs (total)	0.0000000023	ND(0.0000000027)	ND(0.0000000037)
1,2,3,4,7,8-HxCDD	ND(0.0000000039)	ND(0.0000000026)	ND(0.0000000035)
1,2,3,6,7,8-HxCDD	0.0000000019 J	ND(0.0000000024)	ND(0.0000000027)
1,2,3,7,8,9-HxCDD	0.0000000023 J	ND(0.0000000024)	ND(0.0000000029)
HxCDDs (total)	0.0000000042	ND(0.0000000026)	ND(0.0000000035)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000025)	ND(0.0000000023)	ND(0.0000000041)
HpCDDs (total)	ND(0.0000000025)	ND(0.0000000023)	ND(0.0000000041)
OCDD	ND(0.0000000094)	ND(0.0000000044)	ND(0.0000000075)
Total TEQs (WHO TEFs)	0.0000000053	0.0000000037	0.0000000046

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/28/04	OPCA-MW-1 10/01/04	OPCA-MW-1 04/04/05
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(5.00)	ND(5.0)
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	0.0190 B	0.0170 B	0.0160 B
Beryllium	0.000320 B	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	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)	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)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	0.00180 B	0.0130 B

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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)
Chlorobenzene	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			
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
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

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
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 SPRING 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)
Chlorobenzene	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			
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)
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

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
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 SPRING 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)
Chlorobenzene	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				
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)
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

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
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)	0.00350 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)
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)	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)	0.00210 B	0.00780 B	0.0210

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 06/16/99	OPCA-MW-3 05/02/01	OPCA-MW-3 11/02/01
Volatile Organics			
Acetone	ND(0.10)	ND(0.010)	ND(0.010) J
Chlorobenzene	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(0.010)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered			
Aroclor-1221	ND(0.000051)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1248	ND(0.000051)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1254	0.000040 J	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1260	ND(0.000051)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	0.000040 J	ND(0.000065)	ND(0.000065) [ND(0.000065)]
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			
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)	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(0.0000000035)	ND(0.0000000011)	ND(0.00000000000080) [0.0000000000018 J]
TCDFs (total)	ND(0.0000000035)	ND(0.0000000011)	ND(0.00000000000080) [0.0000000000065]
1,2,3,7,8-PeCDF	ND(0.0000000041)	ND(0.0000000016)	ND(0.0000000000017) X [0.0000000000041 J]
2,3,4,7,8-PeCDF	ND(0.0000000039)	ND(0.0000000016)	ND(0.0000000000018) X [ND(0.0000000000035) X]
PeCDFs (total)	ND(0.0000000041)	ND(0.0000000016)	ND(0.00000000000080) [0.0000000000085]
1,2,3,4,7,8-HxCDF	ND(0.0000000013)	ND(0.0000000010)	ND(0.0000000000015) X [0.0000000000032 J]
1,2,3,6,7,8-HxCDF	ND(0.0000000013)	ND(0.0000000010)	ND(0.0000000000015) X [ND(0.0000000000032)]
1,2,3,7,8,9-HxCDF	ND(0.0000000018)	ND(0.0000000013)	ND(0.0000000000013) X [ND(0.0000000000032) X]
2,3,4,6,7,8-HxCDF	ND(0.0000000013)	ND(0.0000000011)	ND(0.0000000000012) X [0.0000000000023 J]
HxCDFs (total)	ND(0.0000000018)	ND(0.0000000011)	ND(0.0000000000012) [ND(0.0000000000086)]
1,2,3,4,6,7,8-HpCDF	ND(0.0000000080)	ND(0.0000000014)	ND(0.0000000000027) X [ND(0.0000000000038) X]
1,2,3,4,7,8,9-HpCDF	ND(0.0000000099)	ND(0.0000000017)	ND(0.0000000000022) [ND(0.0000000000026)]
HpCDFs (total)	ND(0.0000000099)	ND(0.0000000015)	ND(0.0000000000020) [ND(0.0000000000023)]
OCDF	ND(0.0000000041)	ND(0.0000000031)	ND(0.0000000000052) [ND(0.0000000000067)]
Dioxins			
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000016)	ND(0.00000000000070) [ND(0.0000000000027) X]
TCDDs (total)	ND(0.0000000020)	ND(0.0000000016)	ND(0.0000000000023) [ND(0.0000000000022)]
1,2,3,7,8-PeCDD	ND(0.0000000089)	ND(0.0000000018)	0.0000000000019 J [0.0000000000041 J]
PeCDDs (total)	ND(0.0000000089)	ND(0.0000000018)	0.0000000000019 [0.0000000000041]
1,2,3,4,7,8-HxCDD	ND(0.0000000058)	ND(0.0000000016)	ND(0.0000000000018) [0.0000000000023 J]
1,2,3,6,7,8-HxCDD	ND(0.0000000072)	ND(0.0000000017)	ND(0.0000000000016) [0.0000000000031 J]
1,2,3,7,8,9-HxCDD	ND(0.0000000064)	ND(0.0000000016)	ND(0.0000000000017) [ND(0.0000000000023) X]
HxCDDs (total)	ND(0.0000000072)	ND(0.0000000016)	ND(0.0000000000048) [0.0000000000055]
1,2,3,4,6,7,8-HpCDD	ND(0.0000000077)	ND(0.0000000025)	ND(0.0000000000032) [ND(0.0000000000053)]
HpCDDs (total)	ND(0.0000000077)	ND(0.0000000025)	ND(0.0000000000050) [ND(0.0000000000053)]
OCDD	ND(0.0000000048)	ND(0.000000010)	ND(0.0000000000019) X [ND(0.0000000000024)]
Total TEQs (WHO TEFs)	0.0000000081	0.0000000027	0.0000000000034 [0.0000000000083]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 06/16/99	OPCA-MW-3 05/02/01	OPCA-MW-3 11/02/01
Inorganics-Unfiltered			
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	ND(0.00600)	0.00420 B	ND(0.0100) [ND(0.0100)]
Barium	0.00950	0.0760 B	0.110 B [0.100 B]
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	0.00410 B [0.00330 B]
Cobalt	ND(0.0600)	ND(0.0500)	0.00360 B [0.00290 B]
Copper	ND(0.0330)	0.00610 B	ND(0.025) [ND(0.025)]
Cyanide	ND(0.0200)	ND(0.0100)	0.00220 B [ND(0.0100)]
Lead	ND(0.130) J	ND(0.0050) J	ND(0.00500) J [ND(0.00500) J]
Mercury	ND(0.000500)	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	ND(0.0600)	ND(0.0400)	0.00520 B [ND(0.0400)]
Selenium	ND(0.00600)	0.00540	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) J [ND(0.0100) J]
Vanadium	ND(0.0600)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	0.0880	0.035 J	ND(0.025) [ND(0.020)]
Inorganics-Filtered			
Antimony	NA	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	NA	0.0700 B	0.100 B [0.100 B]
Beryllium	NA	ND(0.00100)	ND(0.00100) [ND(0.00100)]
Cadmium	NA	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Chromium	NA	ND(0.025) J	0.00300 B [ND(0.0100)]
Cobalt	NA	ND(0.0500)	0.00320 B [0.00260 B]
Copper	NA	0.00660 B	0.00570 B [0.00590 B]
Cyanide	NA	NA	NA
Lead	NA	ND(0.0050) J	ND(0.00500) J [ND(0.00500) J]
Mercury	NA	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	NA	ND(0.0400)	0.00420 B [0.00420 B]
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	0.011 J [ND(0.0100) J]
Vanadium	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	NA	0.017 J	0.00770 B [ND(0.0200)]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/24/02	OPCA-MW-3 10/02/02	OPCA-MW-3 04/23/03
Volatile Organics			
Acetone	ND(0.010) J	ND(0.010)	0.015 [ND(0.010)]
Chlorobenzene	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)	0.015 [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)	0.000037 J	0.000050 J [0.000041 J]
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	ND(0.000065)	0.000037 J	0.000050 J [0.000041 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)	0.000033 J	0.000049 J [ND(0.000065)]
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	ND(0.000065)	0.000033 J	0.000049 J [ND(0.000065)]
Semivolatile Organics			
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.020) [ND(0.010)]
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.020) [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(0.020) [ND(0.010)]
Naphthalene	ND(0.010)	ND(0.010)	ND(0.020) [ND(0.010)]
Phenol	ND(0.010)	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(0.0000000014)	ND(0.0000000010)	ND(0.00000000098) [ND(0.0000000031)]
TCDFs (total)	ND(0.0000000014)	ND(0.0000000010)	ND(0.00000000098) [ND(0.0000000031)]
1,2,3,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	0.00000000068 J [ND(0.0000000025)]
2,3,4,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000025)	0.00000000086 J [ND(0.0000000025)]
PeCDFs (total)	ND(0.0000000024)	ND(0.0000000025)	0.0000000015 [ND(0.0000000025)]
1,2,3,4,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000025)]
1,2,3,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000025)	0.00000000053 J [ND(0.0000000025)]
1,2,3,7,8,9-HxCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000027)]
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000025)]
HxCDFs (total)	ND(0.0000000024)	ND(0.0000000025)	0.00000000053 [ND(0.0000000025)]
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000033)]
1,2,3,4,7,8,9-HpCDF	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000045)]
HpCDFs (total)	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000038)]
OCDF	ND(0.0000000049)	ND(0.0000000050)	ND(0.0000000049) [ND(0.000000010)]
Dioxins			
2,3,7,8-TCDD	ND(0.0000000026)	ND(0.0000000010)	ND(0.00000000098) [ND(0.0000000028)]
TCDDs (total)	ND(0.0000000026)	ND(0.0000000022)	ND(0.0000000039) [ND(0.0000000028)]
1,2,3,7,8-PeCDD	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000037)]
PeCDDs (total)	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000045) [ND(0.0000000037)]
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000045)]
1,2,3,6,7,8-HxCDD	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000024) [ND(0.0000000040)]
1,2,3,7,8,9-HxCDD	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000016) X [ND(0.0000000045)]
HxCDDs (total)	ND(0.0000000024)	ND(0.0000000048)	ND(0.0000000024) [ND(0.0000000043)]
1,2,3,4,6,7,8-HpCDD	ND(0.0000000024)	ND(0.0000000032) X	ND(0.0000000015) X [ND(0.0000000060)]
HpCDDs (total)	ND(0.0000000024)	ND(0.0000000036)	ND(0.0000000024) [ND(0.0000000060)]
OCDD	ND(0.0000000059)	ND(0.000000014)	0.0000000054 J [ND(0.000000012)]
Total TEQs (WHO TEFs)	0.0000000041	0.0000000034	0.0000000030 [0.0000000053]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/24/02	OPCA-MW-3 10/02/02	OPCA-MW-3 04/23/03
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	ND(0.200)	0.110 B	0.0580 B [0.0560 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)	0.00210 B	ND(0.0500) [ND(0.0500)]
Copper	ND(0.0250)	0.00610 B	0.00750 J [0.00710 J]
Cyanide	0.00270 B	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J [ND(0.00300) J]
Mercury	ND(0.000200) J	ND(0.000200) J	ND(0.000200) [ND(0.000200)]
Nickel	0.00490 B	0.00430 B	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) [6.40]
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	ND(0.0200) J	0.0110 B	0.0310 J [0.0210 J]
Inorganics-Filtered			
Antimony	ND(0.0600)	ND(0.0600)	0.00740 J [ND(0.0600) J]
Arsenic	ND(0.100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	ND(0.200)	0.120 B	0.0500 B [0.0520 B]
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100) J [ND(0.00100) J]
Cadmium	ND(0.0100)	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Chromium	ND(0.0250)	ND(0.0100)	0.00150 J [0.00160 J]
Cobalt	ND(0.0500)	0.00210 B	0.00130 J [0.00160 J]
Copper	ND(0.100)	0.00420 B	0.00320 B [0.00240 B]
Cyanide	NA	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J [ND(0.00300) J]
Mercury	ND(0.000200) J	ND(0.000200) J	ND(0.000200) [ND(0.000200)]
Nickel	ND(0.0400)	0.00310 B	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) J]
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(0.0200) J]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
Chlorobenzene	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			
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)
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

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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
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)]	0.00790 B	0.00290 B

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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-4 06/15/99	OPCA-MW-4 05/02/01	OPCA-MW-4 10/30/01
Volatile Organics				
Acetone	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Chlorobenzene	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(0.010)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	NA	ND(0.000050)	ND(0.000065)	ND(0.000065)
Aroclor-1248	NA	ND(0.000050)	ND(0.000065)	ND(0.000065)
Aroclor-1254	NA	0.00089	0.000093	0.00018
Aroclor-1260	NA	ND(0.000050)	ND(0.000065)	ND(0.000065)
Total PCBs	NA	0.00089	0.000093	0.00018
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000052 J	NA	0.00015	0.000045 J
Aroclor-1260	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	0.000052 J	NA	0.00015	0.000045 J
Semivolatile Organics				
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(0.010)	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	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)	ND(0.00000000070)	ND(0.0000000012)	0.000000000014
TCDFs (total)	ND(0.0000000011)	ND(0.00000000070)	0.000000016	0.00000000037
1,2,3,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000043)	ND(0.0000000083)	0.000000000010 J
2,3,4,7,8-PeCDF	ND(0.0000000022)	ND(0.0000000040)	ND(0.000000011)	ND(0.0000000000084) X
PeCDFs (total)	ND(0.0000000022)	ND(0.0000000043)	ND(0.000000063)	0.00000000030
1,2,3,4,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000090)	ND(0.0000000053)	0.000000000033
1,2,3,6,7,8-HxCDF	ND(0.0000000015)	ND(0.0000000092)	ND(0.0000000045)	ND(0.0000000000049)
1,2,3,7,8,9-HxCDF	ND(0.0000000020)	ND(0.0000000087)	ND(0.0000000056)	ND(0.0000000000061)
2,3,4,6,7,8-HxCDF	ND(0.0000000018)	ND(0.0000000095)	ND(0.0000000032)	ND(0.0000000000054)
HxCDFs (total)	ND(0.0000000020)	ND(0.0000000095)	ND(0.000000019)	0.00000000012
1,2,3,4,6,7,8-HpCDF	ND(0.0000000017)	ND(0.000000020)	ND(0.0000000046)	0.000000000012 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000022)	ND(0.000000020)	ND(0.0000000037)	0.0000000000034 J
HpCDFs (total)	ND(0.0000000022)	ND(0.000000020)	ND(0.0000000084)	0.000000000021
OCDF	ND(0.0000000038)	ND(0.000000020)	ND(0.0000000090)	0.000000000015 J
Dioxins				
2,3,7,8-TCDD	ND(0.0000000019)	ND(0.0000000013)	ND(0.0000000047)	ND(0.0000000000015)
TCDDs (total)	ND(0.0000000019)	ND(0.0000000013)	ND(0.0000000047)	ND(0.0000000000024)
1,2,3,7,8-PeCDD	ND(0.0000000033)	ND(0.000000018)	ND(0.0000000065)	ND(0.0000000000012)
PeCDDs (total)	ND(0.0000000033)	ND(0.000000018)	ND(0.0000000065)	ND(0.0000000000012)
1,2,3,4,7,8-HxCDD	ND(0.0000000034)	ND(0.000000013)	ND(0.0000000043)	ND(0.0000000000052)
1,2,3,6,7,8-HxCDD	ND(0.0000000026)	ND(0.000000016)	ND(0.0000000016)	ND(0.0000000000046)
1,2,3,7,8,9-HxCDD	ND(0.0000000029)	ND(0.000000014)	ND(0.0000000052)	ND(0.0000000000047)
HxCDDs (total)	ND(0.0000000034)	ND(0.000000016)	ND(0.0000000094)	ND(0.0000000000048)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000035)	ND(0.000000027)	ND(0.0000000064)	0.0000000000048 J
HpCDDs (total)	ND(0.0000000035)	ND(0.000000027)	ND(0.0000000064)	0.0000000000080
OCDD	ND(0.0000000043)	ND(0.000000030)	ND(0.000000029)	0.000000000028 J
Total TEQs (WHO TEFs)	0.0000000041	0.000000015	0.000000010	0.000000000010

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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-4 06/15/99	OPCA-MW-4 05/02/01	OPCA-MW-4 10/30/01
Inorganics-Unfiltered				
Antimony	NA	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	NA	ND(0.00600)	ND(0.0100)	ND(0.0100)
Barium	NA	0.0370	0.0270 B	0.0280 B
Beryllium	NA	ND(0.00600)	ND(0.00100)	ND(0.00100)
Cadmium	NA	ND(0.00600)	ND(0.00500)	ND(0.00500)
Chromium	NA	ND(0.0130)	ND(0.0100) J	ND(0.0100)
Cobalt	NA	ND(0.0600)	ND(0.0500)	ND(0.0500)
Copper	NA	ND(0.0330)	ND(0.0250)	ND(0.0250)
Cyanide	NA	ND(0.0200)	ND(0.0100)	ND(0.0100)
Lead	NA	ND(0.130) J	ND(0.00500) J	ND(0.00500)
Mercury	NA	ND(0.000500)	ND(0.000200)	ND(0.000200)
Nickel	NA	ND(0.0600)	ND(0.0400)	ND(0.0400)
Selenium	NA	ND(0.00600) J	ND(0.00500)	ND(0.00500)
Silver	NA	ND(0.0130)	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.0)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	NA	ND(0.0130)	ND(0.0100) J	ND(0.010) J
Vanadium	NA	ND(0.0600)	ND(0.0500)	ND(0.0500)
Zinc	NA	ND(0.0260)	0.0130 J	ND(0.020)
Inorganics-Filtered				
Antimony	ND(0.0600)	NA	0.00800 B	ND(0.0600)
Arsenic	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	0.0580 B	NA	0.0260 B	0.0300 B
Beryllium	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	NA	ND(0.0100) J	ND(0.0100)
Cobalt	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	0.00630 B	NA	ND(0.0250)	ND(0.0250)
Cyanide	ND(0.0100)	NA	NA	NA
Lead	ND(0.00300)	NA	ND(0.00500) J	ND(0.00500)
Mercury	ND(0.000200)	NA	ND(0.000200)	ND(0.000200)
Nickel	0.00170 B	NA	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	NA	0.00650	ND(0.00500)
Silver	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100)	NA	ND(0.0100) J	ND(0.010) J
Vanadium	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc	0.0320	NA	0.0150 J	0.0570

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/19/02	OPCA-MW-4 10/1-10/2/02	OPCA-MW-4 04/23/03	OPCA-MW-4 11/11-12/23/03
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010) J
Chlorobenzene	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)	0.0015 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0015 J
Vinyl Chloride	ND(0.0020)	ND(0.0020)	0.0028	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	0.0028	0.0030 J
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	0.000055 J	0.00020	0.00079	0.00053
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.00047	0.00011
Total PCBs	0.000055 J	0.00020	0.00126	0.00064
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	0.000029 J	0.000074	0.00013	0.000045 J
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.00013	ND(0.000065)
Total PCBs	0.000029 J	0.000074	0.00026	0.000045 J
Semivolatile Organics				
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(0.0000000011)	ND(0.0000000019)	ND(0.0000000064)	ND(0.0000000038)
TCDFs (total)	0.0000000065	0.000000049	ND(0.0000000064)	ND(0.0000000038)
1,2,3,7,8-PeCDF	ND(0.0000000024)	ND(0.0000000024)	ND(0.0000000033)	ND(0.0000000041) X
2,3,4,7,8-PeCDF	ND(0.0000000016) X	ND(0.0000000035)	0.0000000029 J	ND(0.0000000032) X
PeCDFs (total)	0.000000039	0.00000022	0.000000011	ND(0.000000016)
1,2,3,4,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000014) X	ND(0.0000000028) X	0.0000000057 J
1,2,3,6,7,8-HxCDF	ND(0.0000000024)	ND(0.00000000096) X	0.0000000019 J	ND(0.0000000032) X
1,2,3,7,8,9-HxCDF	ND(0.0000000024)	ND(0.0000000019) X	ND(0.0000000033)	ND(0.0000000043)
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.0000000028)	ND(0.0000000022) X	0.0000000026 J
HxCDFs (total)	0.0000000038	0.000000013	0.0000000051	ND(0.000000013)
1,2,3,4,6,7,8-HpCDF	0.0000000012 J	ND(0.0000000012)	0.0000000033 J	0.0000000048 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000000024)	ND(0.0000000024)	ND(0.0000000021) X	ND(0.0000000057)
HpCDFs (total)	0.0000000012	ND(0.0000000012)	0.0000000033	0.0000000048
OCDF	ND(0.0000000049)	ND(0.0000000049)	ND(0.000000011)	ND(0.0000000085)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000017)	ND(0.0000000026)	ND(0.0000000076)	ND(0.0000000036)
TCDDs (total)	ND(0.0000000017)	ND(0.0000000031)	ND(0.0000000076)	ND(0.0000000036)
1,2,3,7,8-PeCDD	ND(0.00000000097) X	ND(0.0000000024)	ND(0.0000000033)	0.0000000047 J
PeCDDs (total)	ND(0.0000000024)	ND(0.0000000041)	ND(0.0000000033)	0.0000000047
1,2,3,4,7,8-HxCDD	ND(0.0000000024)	ND(0.0000000039)	ND(0.0000000059)	ND(0.0000000083)
1,2,3,6,7,8-HxCDD	ND(0.0000000024)	ND(0.0000000037)	ND(0.0000000052)	ND(0.0000000073)
1,2,3,7,8,9-HxCDD	ND(0.0000000024)	ND(0.0000000036)	ND(0.0000000058)	ND(0.0000000080)
HxCDDs (total)	ND(0.0000000026)	ND(0.0000000037)	ND(0.0000000056)	ND(0.0000000078)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000037)	ND(0.0000000026) X	0.0000000029 J	ND(0.0000000077)
HpCDDs (total)	ND(0.0000000069)	ND(0.0000000025)	0.0000000029	ND(0.0000000077)
OCDD	ND(0.000000023)	ND(0.000000012)	0.000000015 J	0.000000015 J
Total TEQs (WHO TEFs)	0.0000000027	0.0000000045	0.0000000088	0.000000010

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/19/02	OPCA-MW-4 10/1-10/2/02	OPCA-MW-4 04/23/03	OPCA-MW-4 11/11-12/23/03
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	ND(0.200)	0.0450 B	0.0800 B	0.0580 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00500)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.010)
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	0.00500 B	0.00540 J	ND(0.0250)
Cyanide	0.00290 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	0.00230 B	ND(0.00300) J	ND(0.00300)
Mercury	ND(0.000200) J	ND(0.000200) J	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	0.00200 B	0.00290 B
Selenium	ND(0.00500)	ND(0.00500) J	ND(0.00500) J	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	0.00110 B	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	0.0270 J	0.0400	0.300 J	0.0610 J
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	0.0110 J	ND(0.0600)
Arsenic	ND(0.100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	ND(0.200)	0.0470 B	0.0740 B	0.0640 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100) J	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) J	ND(0.0100)
Cobalt	ND(0.0500)	0.0500 B	ND(0.0500) J	ND(0.0500)
Copper	ND(0.100)	0.00400 B	0.00130 B	0.00150 B
Cyanide	NA	ND(0.0100)	ND(0.0100)	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J	ND(0.00300)
Mercury	ND(0.000200) J	ND(0.000200) J	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	0.00230 B	0.00220 B
Selenium	ND(0.00500)	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) J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	0.00240 B	ND(0.0500)
Zinc	0.00720 J	ND(0.0240)	0.290 J	0.0680 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/28/04	OPCA-MW-4 10/04/04	OPCA-MW-4 04/05/05
Volatile Organics			
Acetone	ND(0.010) J	ND(0.010) J	ND(0.010) [0.0046 J]
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050) [0.00086 J]
Toluene	ND(0.0050)	ND(0.0050)	0.0050 [0.0088]
Trichloroethene	0.0020 J	0.0015 J	0.0013 J [0.0013 J]
Vinyl Chloride	0.0015 J	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Total VOCs	0.0035 J	0.0015 J	0.0063 J [0.016 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)	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)	0.00017	0.00017 [0.000039 J]
Aroclor-1260	ND(0.000065)	0.000058 J	0.000049 J [ND(0.000065)]
Total PCBs	ND(0.000065)	0.000228	0.000219 [0.000039 J]
Semivolatile Organics			
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(0.00000000074)	ND(0.0000000023)	ND(0.0000000021) [ND(0.0000000013)]
TCDFs (total)	0.00000016 I	ND(0.0000000023)	ND(0.0000000021) [ND(0.0000000020)]
1,2,3,7,8-PeCDF	ND(0.00000000090)	ND(0.0000000011)	ND(0.0000000042) [ND(0.0000000020)]
2,3,4,7,8-PeCDF	ND(0.00000000085)	ND(0.0000000010)	ND(0.0000000042) [ND(0.0000000020)]
PeCDFs (total)	0.00000015 I	ND(0.0000000020)	ND(0.000000014) [ND(0.000000014)]
1,2,3,4,7,8-HxCDF	ND(0.000000017) X	ND(0.0000000014)	ND(0.0000000035) [ND(0.0000000024)]
1,2,3,6,7,8-HxCDF	ND(0.00000000060)	ND(0.00000000071)	ND(0.0000000029) [ND(0.0000000020)]
1,2,3,7,8,9-HxCDF	ND(0.00000000061)	ND(0.00000000091)	ND(0.0000000038) [ND(0.0000000027)]
2,3,4,6,7,8-HxCDF	ND(0.00000000057)	ND(0.00000000082)	ND(0.0000000034) [ND(0.0000000024)]
HxCDFs (total)	0.000000044 I	ND(0.0000000014)	ND(0.0000000038) [ND(0.0000000027)]
1,2,3,4,6,7,8-HpCDF	ND(0.00000000039)	ND(0.00000000074)	ND(0.0000000024) [ND(0.0000000022)]
1,2,3,4,7,8,9-HpCDF	ND(0.00000000048)	ND(0.00000000069)	ND(0.0000000031) [ND(0.0000000028)]
HpCDFs (total)	ND(0.00000000048)	ND(0.00000000086)	ND(0.0000000031) [ND(0.0000000028)]
OCDF	ND(0.00000000088)	ND(0.0000000032)	ND(0.0000000056) [ND(0.0000000031)]
Dioxins			
2,3,7,8-TCDD	ND(0.00000000032)	ND(0.00000000098)	ND(0.0000000026) [ND(0.0000000018)]
TCDDs (total)	ND(0.00000000032)	ND(0.0000000012)	ND(0.0000000026) [ND(0.0000000018)]
1,2,3,7,8-PeCDD	ND(0.0000000048)	ND(0.0000000020)	ND(0.0000000060) [ND(0.0000000032)]
PeCDDs (total)	ND(0.0000000048)	ND(0.0000000020)	ND(0.0000000060) [ND(0.0000000032)]
1,2,3,4,7,8-HxCDD	ND(0.0000000011)	ND(0.0000000011)	ND(0.0000000044) [ND(0.0000000030)]
1,2,3,6,7,8-HxCDD	ND(0.0000000011)	ND(0.00000000086)	ND(0.0000000034) [ND(0.0000000024)]
1,2,3,7,8,9-HxCDD	ND(0.0000000012)	ND(0.00000000089)	ND(0.0000000037) [ND(0.0000000025)]
HxCDDs (total)	ND(0.0000000012)	ND(0.0000000018)	ND(0.0000000044) [ND(0.0000000030)]
1,2,3,4,6,7,8-HpCDD	ND(0.0000000010)	ND(0.0000000013)	ND(0.0000000041) [ND(0.0000000032)]
HpCDDs (total)	ND(0.0000000010)	ND(0.0000000013)	ND(0.0000000041) [ND(0.0000000032)]
OCDD	ND(0.00000000085)	ND(0.0000000059)	ND(0.0000000056) [ND(0.0000000041)]
Total TEQs (WHO TEFs)	0.0000000040	0.0000000022	0.0000000069 [0.0000000040]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/28/04	OPCA-MW-4 10/04/04	OPCA-MW-4 04/05/05
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(5.00)	ND(5.0) [ND(5.0)]
Thallium	NA	NA	NA
Vanadium	NA	NA	NA
Zinc	NA	NA	NA
Inorganics-Filtered			
Antimony	0.0120 B	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	0.140 B	0.0590 B	0.0680 B [0.0710 B]
Beryllium	0.000530 B	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) [0.00240 B]
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Copper	ND(0.0250)	ND(0.0250)	0.00340 B [0.00420 B]
Cyanide	ND(0.0100)	ND(0.0100)	0.00160 B [0.00180 B]
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	0.00200 B	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Selenium	ND(0.00500)	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)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Vanadium	0.00220 B	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	0.110	0.180	0.0770 [0.0820]

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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-5 06/15/99	OPCA-MW-5R 06/28/01	OPCA-MW-5R 10/31/01	OPCA-MW-5R 04/23/02
Volatile Organics				
Acetone	ND(0.10)	ND(0.010) J	ND(0.010)	ND(0.010) J
Chlorobenzene	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(0.000051)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000051)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000051)	ND(0.000065)	0.000033 J	0.00020
Aroclor-1260	ND(0.000051)	ND(0.000065)	0.000036 J	0.00013
Total PCBs	ND(0.000051)	ND(0.000065)	0.000069 J	0.00033
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				
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene	ND(0.010)	0.011	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.0060) J	ND(0.0060)	ND(0.0060)
Dibenzofuran	ND(0.010)	0.0038 J	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	0.062	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(0.0000000000015)	ND(0.00000000060)	ND(0.0000000017)
TCDFs (total)	ND(0.00000000080)	ND(0.0000000000015)	ND(0.00000000060)	ND(0.0000000017)
1,2,3,7,8-PeCDF	ND(0.0000000028)	ND(0.00000000000080)	ND(0.0000000020) X	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.0000000027)	ND(0.00000000000080)	ND(0.0000000000018)	ND(0.0000000025)
PeCDFs (total)	ND(0.0000000028)	ND(0.00000000000080)	ND(0.0000000000018)	ND(0.0000000025)
1,2,3,4,7,8-HxCDF	ND(0.0000000050)	ND(0.0000000000020)	ND(0.0000000000018)	ND(0.0000000025)
1,2,3,6,7,8-HxCDF	ND(0.0000000051)	ND(0.0000000000019)	ND(0.0000000000018)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.0000000049)	ND(0.0000000000024)	ND(0.0000000000020)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	ND(0.0000000053)	ND(0.0000000000022)	ND(0.00000000050)	ND(0.0000000025)
HxCDFs (total)	ND(0.0000000053)	ND(0.0000000000021)	ND(0.0000000000056)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000088)	ND(0.0000000000019)	ND(0.0000000018) X	ND(0.0000000025)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000088)	ND(0.0000000000023)	ND(0.00000000080)	ND(0.0000000025)
HpCDFs (total)	ND(0.0000000088)	ND(0.0000000000021)	ND(0.00000000070)	ND(0.0000000025)
OCDF	ND(0.0000000078)	ND(0.000000000010)	ND(0.00000000080)	ND(0.0000000050)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000012)	ND(0.0000000000031)	ND(0.00000000070)	ND(0.0000000024)
TCDDs (total)	ND(0.0000000012)	ND(0.0000000000031)	ND(0.0000000010)	ND(0.0000000024)
1,2,3,7,8-PeCDD	ND(0.000000014)	ND(0.0000000000015)	ND(0.0000000000021)	ND(0.0000000025)
PeCDDs (total)	ND(0.000000014)	ND(0.0000000000044)	ND(0.0000000000021)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	ND(0.0000000062)	ND(0.0000000000029)	ND(0.00000000090)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	ND(0.0000000077)	ND(0.0000000000031)	ND(0.00000000080)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	ND(0.0000000068)	ND(0.0000000000028)	ND(0.0000000022) X	ND(0.0000000025)
HxCDDs (total)	ND(0.0000000077)	ND(0.0000000000033)	ND(0.0000000027)	ND(0.0000000026)
1,2,3,4,6,7,8-HpCDD	ND(0.000000012)	ND(0.0000000000028)	ND(0.0000000035) X	0.0000000020 J
HpCDDs (total)	ND(0.000000012)	ND(0.0000000000040)	ND(0.00000000060)	0.0000000020
OCDD	ND(0.000000012)	ND(0.000000000016) X	ND(0.000000013) X	ND(0.0000000089)
Total TEQs (WHO TEFs)	0.000000011	0.0000000000035	0.00000000068	0.0000000041

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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-5 06/15/99	OPCA-MW-5R 06/28/01	OPCA-MW-5R 10/31/01	OPCA-MW-5R 04/23/02
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.00600)	0.00790 B	ND(0.0100)	ND(0.0100)
Barium	0.0290	0.0590 B	0.0520 B	ND(0.200)
Beryllium	ND(0.00600)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00600)	ND(0.00500)	0.000800 B	ND(0.00500)
Chromium	ND(0.0130)	0.00430 B	0.0140	ND(0.0100)
Cobalt	ND(0.0600)	0.00620 B	0.00450 B	ND(0.0500)
Copper	ND(0.0330)	ND(0.0250)	0.0110 B	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100)	ND(0.0100)	0.00930 B
Lead	ND(0.130) J	ND(0.00500)	0.00430 BJ	0.00300
Mercury	ND(0.000500)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0600)	ND(0.0400)	0.00740 B	ND(0.0400)
Selenium	ND(0.00600) J	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)	8.00	ND(5.00)	ND(5.00)
Thallium	ND(0.0130)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0600)	ND(0.0500)	0.00660 B	ND(0.0500)
Zinc	ND(0.0260)	0.0150 B	0.0500	0.0300
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	0.0440 B	0.0280 B	ND(0.200)
Beryllium	NA	0.000860 B	ND(0.00100)	ND(0.00100)
Cadmium	NA	0.00140 B	0.000850 B	ND(0.0100)
Chromium	NA	ND(0.0100)	ND(0.0100)	ND(0.0250)
Cobalt	NA	0.00660 B	ND(0.0500)	ND(0.0500)
Copper	NA	ND(0.0250)	ND(0.0250)	0.00450 B
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)
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)	ND(0.0100)	ND(0.0100)
Vanadium	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	NA	0.0110 B	0.028 J	0.0360

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/02/02	OPCA-MW-5R 04/22/03	OPCA-MW-5R 11/17/03	OPCA-MW-5R 04/28/04
Volatile Organics				
Acetone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) J
Chlorobenzene	ND(0.0050)	ND(0.0050)	0.0028 J	0.0011 J
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)	0.0028 J	0.0011 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	0.000033 J	ND(0.000065)	0.000058 J	NA
Aroclor-1260	ND(0.000065)	0.00027	ND(0.000065)	NA
Total PCBs	0.000033 J	0.00027	0.000058 J	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)	0.000092	0.000037 J
Aroclor-1260	ND(0.000065)	0.000039 J	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000039 J	0.000092	0.000037 J
Semivolatile Organics				
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	0.000000010 J	ND(0.0000000025)	ND(0.00000000091)	ND(0.0000000016)
TCDFs (total)	0.00000010	ND(0.0000000025)	0.00000018 I	ND(0.0000000016)
1,2,3,7,8-PeCDF	0.0000000062 J	ND(0.0000000024)	ND(0.0000000011)	ND(0.0000000024)
2,3,4,7,8-PeCDF	0.000000018 J	ND(0.0000000024)	ND(0.00000000086)	ND(0.0000000024)
PeCDFs (total)	0.00000016	ND(0.0000000024)	0.00000034 I	ND(0.0000000024)
1,2,3,4,7,8-HxCDF	0.000000018 J	ND(0.0000000024)	ND(0.000000020)	ND(0.0000000024)
1,2,3,6,7,8-HxCDF	0.000000012 J	ND(0.0000000024)	ND(0.00000000055)	ND(0.0000000024)
1,2,3,7,8,9-HxCDF	0.0000000037 J	ND(0.0000000028)	ND(0.00000000062)	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	0.000000011 J	ND(0.0000000024)	ND(0.00000000057)	ND(0.0000000024)
HxCDFs (total)	0.00000014	ND(0.0000000024)	0.00000018 I	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDF	0.000000021 J	ND(0.0000000024)	ND(0.00000000044)	ND(0.0000000024)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000041) X	ND(0.0000000030)	ND(0.00000000054)	ND(0.0000000024)
HpCDFs (total)	ND(0.000000035)	ND(0.0000000026)	ND(0.00000000054)	ND(0.0000000024)
OCDF	0.000000017 J	ND(0.0000000099)	ND(0.00000000054)	ND(0.0000000065)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000011)	ND(0.0000000020)	ND(0.00000000055)	ND(0.0000000022)
TCDDs (total)	ND(0.0000000016)	ND(0.0000000020)	ND(0.00000000055)	ND(0.0000000022)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000019)	ND(0.0000000024)
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000041)	ND(0.0000000019)	ND(0.0000000028)
1,2,3,4,7,8-HxCDD	ND(0.0000000034)	ND(0.0000000030)	ND(0.00000000099)	ND(0.0000000039)
1,2,3,6,7,8-HxCDD	ND(0.0000000031)	ND(0.0000000027)	ND(0.0000000011)	ND(0.0000000034)
1,2,3,7,8,9-HxCDD	ND(0.0000000031)	ND(0.0000000030)	ND(0.0000000010)	ND(0.0000000037)
HxCDDs (total)	0.0000000044	ND(0.0000000045)	ND(0.0000000011)	ND(0.0000000037)
1,2,3,4,6,7,8-HpCDD	0.000000013 J	ND(0.0000000038)	ND(0.00000000042)	ND(0.0000000031)
HpCDDs (total)	0.000000027	ND(0.0000000038)	ND(0.00000000042)	ND(0.0000000031)
OCDD	ND(0.000000072)	ND(0.000000010)	ND(0.000000010)	ND(0.000000019)
Total TEQs (WHO TEFs)	0.000000017	0.0000000040	0.0000000028	0.0000000041

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/02/02	OPCA-MW-5R 04/22/03	OPCA-MW-5R 11/17/03	OPCA-MW-5R 04/28/04
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100) J	NA
Barium	0.0230 B	0.0520 B	0.0780 B	NA
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.0010)	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	0.00800 B	0.00560 B	ND(0.025)	NA
Cyanide	0.0510	0.00220 B	ND(0.0100)	NA
Lead	0.0340	0.00420	ND(0.00300)	NA
Mercury	ND(0.000200) J	ND(0.000200)	0.0000500 B	NA
Nickel	ND(0.0400)	ND(0.0400)	ND(0.040)	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)	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)	0.00150 B	ND(0.0500)	NA
Zinc	0.0470	ND(0.030)	0.0110 J	NA
Inorganics-Filtered				
Antimony	ND(0.0600)	0.00460 B	ND(0.0600)	0.00730 B
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100) J	ND(0.0100)
Barium	0.0150 B	0.0540 B	0.0810 B	0.0640 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	0.000330 B
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)	0.00260 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(0.040)	0.00370 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) J	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0500)	0.00140 B	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	0.0230	ND(0.020)	ND(0.0200)

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/04/04	OPCA-MW-5R 04/06/05	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)
Chlorobenzene	0.0030 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	0.00057 J	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	0.0036 J	ND(0.20)	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	0.000041 J	0.000073	NA	ND(0.000065)
Aroclor-1260	0.000043 J	ND(0.000065)	NA	ND(0.000065)
Total PCBs	0.000084 J	0.000073	NA	ND(0.000065)
Semivolatile Organics				
2,4-Dimethylphenol	R	0.0038 J	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)	0.0083 J	ND(0.010)	ND(0.010)
Phenol	R	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(0.0000000023)	ND(0.0000000018)	ND(0.00000000090)	ND(0.0000000012)
TCDFs (total)	ND(0.0000000023)	ND(0.0000000018)	ND(0.00000000090)	ND(0.0000000012)
1,2,3,7,8-PeCDF	ND(0.0000000013)	ND(0.0000000041)	ND(0.0000000033)	ND(0.0000000016)
2,3,4,7,8-PeCDF	ND(0.0000000012)	ND(0.0000000042)	ND(0.0000000031)	ND(0.0000000016)
PeCDFs (total)	ND(0.0000000016)	ND(0.0000000042)	ND(0.0000000033)	ND(0.0000000016)
1,2,3,4,7,8-HxCDF	ND(0.00000000085)	ND(0.0000000038)	ND(0.0000000089)	ND(0.0000000015)
1,2,3,6,7,8-HxCDF	ND(0.00000000069)	ND(0.0000000031)	ND(0.0000000092)	ND(0.0000000011)
1,2,3,7,8,9-HxCDF	ND(0.00000000088)	ND(0.0000000041)	ND(0.0000000087)	ND(0.0000000014)
2,3,4,6,7,8-HxCDF	ND(0.00000000079)	ND(0.0000000037)	ND(0.0000000096)	ND(0.0000000012)
HxCDFs (total)	ND(0.00000000088)	ND(0.0000000041)	ND(0.0000000095)	ND(0.0000000015)
1,2,3,4,6,7,8-HpCDF	ND(0.00000000049)	ND(0.0000000037)	ND(0.000000020)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	ND(0.00000000058)	ND(0.0000000047)	ND(0.000000020)	ND(0.0000000020)
HpCDFs (total)	ND(0.00000000070)	ND(0.0000000047)	ND(0.000000020)	ND(0.0000000018)
OCDF	ND(0.0000000024)	ND(0.0000000085)	ND(0.000000020)	ND(0.0000000039)
Dioxins				
2,3,7,8-TCDD	ND(0.00000000097)	ND(0.0000000030)	ND(0.0000000012)	ND(0.0000000017)
TCDDs (total)	ND(0.00000000097)	ND(0.0000000030)	ND(0.0000000012)	ND(0.0000000017)
1,2,3,7,8-PeCDD	ND(0.0000000026)	ND(0.0000000064)	ND(0.000000012)	ND(0.0000000019)
PeCDDs (total)	ND(0.0000000026)	ND(0.0000000064)	ND(0.000000012)	ND(0.0000000019)
1,2,3,4,7,8-HxCDD	ND(0.0000000012)	ND(0.0000000056)	ND(0.000000012)	ND(0.0000000016)
1,2,3,6,7,8-HxCDD	ND(0.00000000090)	ND(0.0000000043)	ND(0.000000015)	ND(0.0000000016)
1,2,3,7,8,9-HxCDD	ND(0.00000000094)	ND(0.0000000046)	ND(0.000000013)	ND(0.0000000016)
HxCDDs (total)	ND(0.0000000012)	ND(0.0000000056)	ND(0.000000015)	ND(0.0000000016)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000010)	ND(0.0000000084)	ND(0.000000026)	ND(0.0000000026)
HpCDDs (total)	ND(0.0000000010)	ND(0.0000000084)	ND(0.000000026)	ND(0.0000000026)
OCDD	ND(0.0000000076)	ND(0.0000000087)	ND(0.000000029)	ND(0.0000000047)
Total TEQs (WHO TEFs)	0.0000000026	0.0000000075	0.000000012	0.0000000028

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/04/04	OPCA-MW-5R 04/06/05	OPCA-MW-6 06/15/99	OPCA-MW-6 05/02/01
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(5.00)	ND(5.0)	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	ND(0.0600)	0.0140 B	NA	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	NA	ND(0.0100)
Barium	0.0880 B	0.0720 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(0.0100)	0.00270 B	NA	ND(0.0100) J
Cobalt	ND(0.0500)	0.00680 B	NA	ND(0.0500)
Copper	0.00140 B	0.00400 B	NA	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	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	0.00180 B	0.00190 B	NA	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	NA	0.00590
Silver	ND(0.00500)	0.00160 B	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	0.00180 B	0.0240	NA	0.0150 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/1-10/2/2002	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)
Chlorobenzene	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				
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)
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

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 10/1-10/2/2002	OPCA-MW-6 04/24/03	OPCA-MW-6 11/17/03
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 SPRING 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-7 06/15/99
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.10)
Chlorobenzene	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(0.010)
Total VOCs	ND(0.20)	ND(0.20)	0.0016 J	ND(0.20)
PCBs-Unfiltered				
Aroclor-1221	NA	NA	NA	ND(0.000051)
Aroclor-1248	NA	NA	NA	ND(0.000051)
Aroclor-1254	NA	NA	NA	ND(0.000051)
Aroclor-1260	NA	NA	NA	ND(0.000051)
Total PCBs	NA	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	ND(0.000065)	ND(0.000065)	0.00037	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.00014	NA
Total PCBs	ND(0.000065)	ND(0.000065)	0.00051	NA
Semivolatile Organics				
2,4-Dimethylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.011)
Acenaphthene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.011)
bis(2-Ethylhexyl)phthalate	ND(0.0060)	ND(0.0060)	ND(0.0060)	ND(0.011)
Dibenzofuran	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.011)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.011)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.011)
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(0.00000000080)
TCDFs (total)	ND(0.0000000013)	ND(0.0000000030)	ND(0.0000000013)	ND(0.00000000080)
1,2,3,7,8-PeCDF	ND(0.0000000013)	ND(0.0000000012)	ND(0.0000000024)	ND(0.0000000030)
2,3,4,7,8-PeCDF	ND(0.00000000098)	ND(0.0000000011)	ND(0.0000000024)	ND(0.0000000028)
PeCDFs (total)	ND(0.0000000023)	ND(0.0000000020)	ND(0.0000000024)	ND(0.0000000030)
1,2,3,4,7,8-HxCDF	ND(0.0000000010) X	ND(0.0000000013)	ND(0.0000000022)	ND(0.0000000069)
1,2,3,6,7,8-HxCDF	ND(0.0000000013)	ND(0.00000000068)	ND(0.0000000018)	ND(0.0000000070)
1,2,3,7,8,9-HxCDF	ND(0.0000000028)	ND(0.00000000088)	ND(0.0000000024)	ND(0.0000000067)
2,3,4,6,7,8-HxCDF	ND(0.0000000024)	ND(0.00000000078)	ND(0.0000000022)	ND(0.0000000073)
HxCDFs (total)	ND(0.0000000013)	ND(0.0000000013)	ND(0.0000000024)	ND(0.0000000073)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000024)	ND(0.00000000052)	ND(0.0000000019)	ND(0.000000013)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000024)	ND(0.00000000062)	ND(0.0000000024)	ND(0.000000013)
HpCDFs (total)	ND(0.0000000024)	ND(0.00000000062)	ND(0.0000000024)	ND(0.000000013)
OCDF	ND(0.0000000049)	ND(0.0000000030)	ND(0.0000000041)	ND(0.000000012)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.0000000012)	ND(0.0000000017)	ND(0.0000000013)
TCDDs (total)	ND(0.0000000020)	ND(0.0000000012)	ND(0.0000000017)	ND(0.0000000013)
1,2,3,7,8-PeCDD	ND(0.0000000024)	ND(0.0000000023)	ND(0.0000000035)	ND(0.000000010)
PeCDDs (total)	ND(0.0000000028)	ND(0.0000000023)	ND(0.0000000035)	ND(0.000000010)
1,2,3,4,7,8-HxCDD	ND(0.0000000049)	ND(0.0000000013)	ND(0.0000000034)	ND(0.0000000097)
1,2,3,6,7,8-HxCDD	ND(0.0000000043)	ND(0.00000000099)	ND(0.0000000026)	ND(0.000000012)
1,2,3,7,8,9-HxCDD	ND(0.0000000047)	ND(0.0000000010)	ND(0.0000000028)	ND(0.000000011)
HxCDDs (total)	ND(0.0000000046)	ND(0.0000000013)	ND(0.0000000034)	ND(0.000000012)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000026)	ND(0.0000000011)	ND(0.0000000036)	ND(0.000000017)
HpCDDs (total)	ND(0.0000000026)	ND(0.0000000011)	ND(0.0000000036)	ND(0.000000017)
OCDD	ND(0.0000000060)	ND(0.0000000018)	ND(0.0000000056)	ND(0.000000018)
Total TEQs (WHO TEFs)	0.0000000037	0.0000000026	0.0000000042	0.0000000098

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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-7 06/15/99
Inorganics-Unfiltered				
Antimony	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	ND(0.00600)
Barium	NA	NA	NA	0.0270
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(5.00)	ND(5.0)	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	0.00770 B	ND(0.0600)	ND(0.0600)	NA
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	NA
Barium	0.0170 B	0.0320 B	0.0120 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)	ND(0.0250)	NA
Cyanide	0.00170 B	0.00220 B	0.00160 B	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	ND(0.0200)	0.00220 B	0.0280	NA

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 05/01/01	OPCA-MW-7 11/1-11/07/01	OPCA-MW-7 04/24/02	OPCA-MW-7 04/23/03
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010)
Chlorobenzene	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(0.0020)	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(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
PCBs-Filtered				
Aroclor-1221	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	NA	ND(0.000065)	ND(0.000065) J
Aroclor-1260	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	NA	ND(0.000065)	ND(0.000065) J
Semivolatile Organics				
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	--	NA
Organophosphate Pesticides				
None Detected	NA	NA	--	NA
Herbicides				
None Detected	NA	NA	--	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000014)	ND(0.0000000000021) X	ND(0.0000000012)	ND(0.0000000034)
TCDFs (total)	ND(0.0000000014)	0.0000000000019	ND(0.0000000012)	ND(0.0000000034)
1,2,3,7,8-PeCDF	ND(0.0000000016)	ND(0.0000000000014) X	0.0000000012 J	0.0000000010 J
2,3,4,7,8-PeCDF	ND(0.0000000016)	ND(0.0000000000024) X	0.0000000013 J	ND(0.0000000024)
PeCDFs (total)	ND(0.0000000016)	0.0000000000043	0.0000000039	0.0000000010
1,2,3,4,7,8-HxCDF	ND(0.0000000016)	ND(0.0000000000010)	0.0000000013 J	ND(0.0000000034)
1,2,3,6,7,8-HxCDF	ND(0.00000000090)	ND(0.00000000000090)	0.0000000013 J	ND(0.0000000030)
1,2,3,7,8,9-HxCDF	ND(0.0000000011)	ND(0.0000000000011)	0.0000000018 J	ND(0.0000000040)
2,3,4,6,7,8-HxCDF	ND(0.0000000010)	ND(0.0000000000010)	ND(0.0000000014) X	ND(0.0000000033)
HxCDFs (total)	ND(0.0000000016)	0.0000000000013	0.0000000055	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000016)	ND(0.0000000000016)	0.0000000014 J	ND(0.0000000040)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000020)	ND(0.0000000000020)	ND(0.0000000019) X	ND(0.0000000054)
HpCDFs (total)	ND(0.0000000018)	ND(0.0000000000018)	0.0000000014	ND(0.0000000046)
OCDF	ND(0.0000000038)	ND(0.0000000000026) X	0.0000000044 J	ND(0.000000010)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000020)	ND(0.00000000000090)	ND(0.0000000019)	ND(0.0000000033)
TCDDs (total)	ND(0.0000000020)	ND(0.00000000000090)	ND(0.0000000019)	ND(0.0000000033)
1,2,3,7,8-PeCDD	ND(0.0000000021)	ND(0.00000000000060)	ND(0.0000000026)	ND(0.0000000032)
PeCDDs (total)	ND(0.0000000021)	ND(0.0000000000016)	ND(0.0000000026)	ND(0.0000000036)
1,2,3,4,7,8-HxCDD	ND(0.0000000017)	ND(0.0000000000018)	ND(0.0000000024)	ND(0.0000000049)
1,2,3,6,7,8-HxCDD	ND(0.0000000017)	ND(0.0000000000016)	ND(0.0000000024)	ND(0.0000000044)
1,2,3,7,8,9-HxCDD	ND(0.0000000016)	ND(0.0000000000017)	0.0000000020 J	ND(0.0000000048)
HxCDDs (total)	ND(0.000000010) X	0.0000000000061	ND(0.0000000024)	ND(0.0000000047)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000030)	0.0000000000062 J	0.0000000029 J	ND(0.0000000074)
HpCDDs (total)	ND(0.0000000030)	0.0000000000062	0.0000000029	ND(0.0000000074)
OCDD	ND(0.0000000048)	0.000000000020 J	ND(0.000000011)	ND(0.000000012) X
Total TEQs (WHO TEFs)	0.0000000031	0.0000000000020	0.0000000040	0.0000000055

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 05/01/01	OPCA-MW-7 11/1-11/07/01	OPCA-MW-7 04/24/02	OPCA-MW-7 04/23/03
Inorganics-Unfiltered				
Antimony	ND(0.0600)	NA	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium	0.0600 B	NA	ND(0.200)	0.0160 B
Beryllium	ND(0.00100)	NA	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Cobalt	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Copper	0.00790 J	NA	ND(0.0250)	0.00350 J
Cyanide	ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Lead	ND(0.00500)	NA	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200)	NA	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	NA	ND(0.00500) J	0.00540 J
Silver	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	6.40
Thallium	ND(0.0100) J	NA	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc	0.0200 B	NA	0.0230 J	0.0270 J
Inorganics-Filtered				
Antimony	ND(0.0600)	NA	ND(0.0600)	0.00960 J
Arsenic	ND(0.0100)	NA	ND(0.100)	ND(0.0100)
Barium	0.0570 J	NA	ND(0.200)	0.0150 B
Beryllium	ND(0.00100)	NA	ND(0.00100)	ND(0.00100) J
Cadmium	ND(0.00500)	NA	ND(0.0100)	ND(0.00500)
Chromium	ND(0.0100)	NA	ND(0.0250)	0.00140 J
Cobalt	ND(0.0500)	NA	ND(0.0500)	0.00130 J
Copper	0.00730 J	NA	ND(0.100)	ND(0.0250)
Cyanide	NA	NA	NA	ND(0.0100)
Lead	ND(0.00500)	NA	ND(0.00300)	ND(0.00300) J
Mercury	ND(0.000200)	NA	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500) J	NA	ND(0.00500) J	ND(0.00500) J
Silver	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Thallium	ND(0.0100) J	NA	ND(0.0100) J	ND(0.0100) J
Vanadium	ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc	0.0200 B	NA	0.0160 J	0.0100 J

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 11/13/03	OPCA-MW-7 04/29/04	OPCA-MW-7 10/04/04	OPCA-MW-7 04/06/05
Volatile Organics				
Acetone	ND(0.010)	ND(0.010) J	ND(0.010)	ND(0.010)
Chlorobenzene	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)	NA	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA	NA
Aroclor-1254	0.000085	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA
Total PCBs	0.000085	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	0.000066	ND(0.000065)	ND(0.000065)	0.00018
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000051 J
Total PCBs	0.000066	ND(0.000065)	ND(0.000065)	0.000231
Semivolatile Organics				
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(0.0000000028)	ND(0.00000000030)	ND(0.0000000027)	ND(0.0000000016)
TCDFs (total)	ND(0.0000000028)	0.000000011 I	ND(0.0000000027)	ND(0.0000000016)
1,2,3,7,8-PeCDF	0.0000000018 J	ND(0.00000000033)	ND(0.0000000011)	ND(0.0000000025)
2,3,4,7,8-PeCDF	ND(0.0000000016)	ND(0.00000000032)	ND(0.0000000011)	ND(0.0000000025)
PeCDFs (total)	ND(0.0000000034)	0.000000029 I	ND(0.0000000020)	ND(0.0000000035)
1,2,3,4,7,8-HxCDF	ND(0.0000000021)	ND(0.00000000023)	ND(0.0000000011)	ND(0.0000000031)
1,2,3,6,7,8-HxCDF	ND(0.0000000016)	ND(0.00000000022)	ND(0.00000000051)	ND(0.0000000025)
1,2,3,7,8,9-HxCDF	ND(0.0000000033)	ND(0.00000000026)	ND(0.00000000066)	ND(0.0000000034)
2,3,4,6,7,8-HxCDF	ND(0.0000000028)	ND(0.00000000021)	ND(0.00000000059)	ND(0.0000000030)
HxCDFs (total)	ND(0.0000000038)	0.0000000046 I	ND(0.0000000011)	ND(0.0000000034)
1,2,3,4,6,7,8-HpCDF	0.0000000030 J	ND(0.00000000017)	ND(0.00000000057)	ND(0.0000000034)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000038)	ND(0.00000000022)	ND(0.00000000061)	ND(0.0000000044)
HpCDFs (total)	0.0000000030	ND(0.00000000022)	ND(0.00000000061)	ND(0.0000000044)
OCDF	ND(0.000000014)	ND(0.00000000056)	ND(0.0000000029)	ND(0.0000000058)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000040)	ND(0.00000000017)	ND(0.00000000097)	ND(0.0000000022)
TCDDs (total)	ND(0.0000000040)	ND(0.00000000017)	ND(0.00000000097)	ND(0.0000000022)
1,2,3,7,8-PeCDD	ND(0.0000000022)	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000043)
PeCDDs (total)	ND(0.0000000022)	ND(0.0000000014)	ND(0.0000000018)	ND(0.0000000043)
1,2,3,4,7,8-HxCDD	ND(0.0000000050)	ND(0.00000000055)	ND(0.0000000018)	ND(0.0000000040)
1,2,3,6,7,8-HxCDD	ND(0.0000000048)	ND(0.00000000055)	ND(0.0000000014)	ND(0.0000000031)
1,2,3,7,8,9-HxCDD	ND(0.0000000050)	ND(0.00000000059)	ND(0.0000000015)	ND(0.0000000034)
HxCDDs (total)	ND(0.0000000049)	ND(0.00000000059)	ND(0.0000000018)	ND(0.0000000040)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000047)	ND(0.00000000064)	ND(0.0000000012)	ND(0.0000000060)
HpCDDs (total)	ND(0.0000000047)	ND(0.00000000064)	ND(0.0000000012)	ND(0.0000000060)
OCDD	ND(0.000000023)	ND(0.00000000054)	ND(0.0000000027)	ND(0.000000010)
Total TEQs (WHO TEFs)	0.0000000050	0.0000000010	0.0000000022	0.0000000052

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 11/13/03	OPCA-MW-7 04/29/04	OPCA-MW-7 10/04/04	OPCA-MW-7 04/06/05
Inorganics-Unfiltered				
Antimony	ND(0.0600)	NA	NA	NA
Arsenic	ND(0.0100)	NA	NA	NA
Barium	0.0120 B	NA	NA	NA
Beryllium	ND(0.00100)	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA
Chromium	0.00290 B	NA	NA	NA
Cobalt	ND(0.0500)	NA	NA	NA
Copper	ND(0.025)	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)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0150 B	0.0140 B	0.0140 B	0.0150 B
Beryllium	0.000430 B	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.00170 B	0.00140 B	0.00110 B	0.00330 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.025)	ND(0.0250)	ND(0.0250)	0.00560 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)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00300 B
Selenium	ND(0.00500)	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)	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)	0.00360 B	0.00320 B	0.0210

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 06/14/99	OPCA-MW-8 05/01/01	OPCA-MW-8 11/01/01
Volatile Organics			
Acetone	ND(0.10)	ND(0.010) [ND(0.010)]	ND(0.010) J
Chlorobenzene	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(0.00010)	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)]	0.000095
Aroclor-1260	ND(0.00010)	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs	ND(0.00010)	ND(0.000065) [ND(0.000065)]	0.000095
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			
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) J]	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(0.00000000070)	ND(0.0000000010) [ND(0.0000000018) X]	ND(0.0000000000060)
TCDFs (total)	ND(0.00000000070)	ND(0.0000000010) [ND(0.0000000032) X]	ND(0.0000000000060)
1,2,3,7,8-PeCDF	ND(0.0000000029)	ND(0.0000000028) [ND(0.000000026)]	ND(0.0000000000044)
2,3,4,7,8-PeCDF	ND(0.0000000027)	ND(0.0000000011) [0.0000000034 J]	ND(0.0000000000043)
PeCDFs (total)	ND(0.0000000029)	ND(0.0000000028) [0.000000040]	ND(0.0000000000043)
1,2,3,4,7,8-HxCDF	ND(0.0000000097)	ND(0.0000000014) [ND(0.0000000045)]	ND(0.0000000000017)
1,2,3,6,7,8-HxCDF	ND(0.0000000099)	ND(0.00000000070) [ND(0.0000000028)]	ND(0.0000000000015)
1,2,3,7,8,9-HxCDF	ND(0.0000000094)	ND(0.00000000090) [0.0000000018 JB]	ND(0.0000000000019)
2,3,4,6,7,8-HxCDF	ND(0.000000010)	ND(0.00000000080) [ND(0.0000000023)]	ND(0.0000000000017)
HxCDFs (total)	ND(0.000000010)	ND(0.0000000014) [0.000000025]	ND(0.0000000000017)
1,2,3,4,6,7,8-HpCDF	ND(0.000000022)	ND(0.0000000013) [ND(0.0000000036) XB]	0.0000000000052 JQ
1,2,3,4,7,8,9-HpCDF	ND(0.000000022)	ND(0.0000000016) [0.0000000040 JB]	ND(0.0000000000030)
HpCDFs (total)	ND(0.000000022)	ND(0.0000000014) [0.0000000058]	ND(0.0000000000052)
OCDF	ND(0.000000025)	ND(0.0000000031) [0.0000000095 J]	ND(0.0000000000087) X
Dioxins			
2,3,7,8-TCDD	ND(0.0000000011)	ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000000075)
TCDDs (total)	ND(0.0000000011)	ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000000075)
1,2,3,7,8-PeCDD	ND(0.000000011)	ND(0.0000000016) [ND(0.0000000040)]	ND(0.0000000000075)
PeCDDs (total)	ND(0.000000011)	ND(0.0000000016) [0.0000000040]	ND(0.0000000000075)
1,2,3,4,7,8-HxCDD	ND(0.000000013)	ND(0.0000000013) [ND(0.0000000024)]	ND(0.0000000000052)
1,2,3,6,7,8-HxCDD	ND(0.000000016)	ND(0.0000000013) [ND(0.0000000019) XB]	ND(0.0000000000046)
1,2,3,7,8,9-HxCDD	ND(0.000000014)	ND(0.0000000012) [ND(0.0000000038)]	ND(0.0000000000047)
HxCDDs (total)	ND(0.000000016)	ND(0.000000012) [0.0000000062]	ND(0.0000000000048)
1,2,3,4,6,7,8-HpCDD	ND(0.000000030)	ND(0.0000000024) [ND(0.0000000081)]	ND(0.000000000011) X
HpCDDs (total)	ND(0.000000030)	ND(0.0000000014) X [0.000000012]	ND(0.0000000000080)
OCDD	ND(0.000000037)	ND(0.0000000051) XB [ND(0.000000043)]	ND(0.00000000011)
Total TEQs (WHO TEFs)	0.000000011	0.0000000023 [0.0000000063]	0.000000000010

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 06/14/99	OPCA-MW-8 05/01/01	OPCA-MW-8 11/01/01
Inorganics-Unfiltered			
Antimony	ND(0.0600)	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	ND(0.00600)	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)
Barium	0.0860	0.0290 B [0.0300 B]	0.0350 B
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)	0.00600 B [0.00520 B]	0.00370 B
Cobalt	ND(0.0600)	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	ND(0.0330)	ND(0.0250) [ND(0.0250)]	ND(0.0250)
Cyanide	ND(0.0200)	ND(0.0100) [ND(0.0100)]	0.0260
Lead	ND(0.130) J	ND(0.00500) J [ND(0.00500) J]	0.00490 BJ
Mercury	ND(0.000500)	ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel	ND(0.0600)	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Selenium	ND(0.00600) J	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) [ND(0.0500)]	0.00440 B
Zinc	ND(0.0260)	0.0970 [0.120]	0.180
Inorganics-Filtered			
Antimony	NA	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	NA	ND(0.0100) J [ND(0.0100) J]	ND(0.0100)
Barium	NA	0.0280 J [0.0280 J]	0.0310 B
Beryllium	NA	ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium	NA	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium	NA	0.00290 B [0.00370 B]	ND(0.0100)
Cobalt	NA	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	NA	ND(0.0250) [0.00420 B]	ND(0.0250)
Cyanide	NA	NA	NA
Lead	NA	ND(0.00500) J [ND(0.00500) J]	ND(0.00500) J
Mercury	NA	ND(0.000200) [ND(0.000200)]	ND(0.000200)
Nickel	NA	ND(0.0400) [0.00410 B]	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	0.0540 [0.0560]	0.100

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/23/02	OPCA-MW-8 10/07/02	OPCA-MW-8 04/24/03	OPCA-MW-8 11/17/03
Volatile Organics				
Acetone	ND(0.010) J	ND(0.010)	0.026	ND(0.010)
Chlorobenzene	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)	0.026	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)	0.00014	0.00020	0.00068
Aroclor-1260	ND(0.000065)	ND(0.000065)	0.00011	0.00024
Total PCBs	ND(0.000065)	0.00014	0.00031	0.00092
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)	0.00033
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000029 J
Total PCBs	ND(0.000065)	ND(0.000065)	ND(0.000065)	0.000359
Semivolatile Organics				
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(0.0000000017)	ND(0.0000000015)	ND(0.0000000024)	ND(0.0000000016)
TCDFs (total)	ND(0.0000000017)	ND(0.0000000015)	0.0000000015	0.00000061 I
1,2,3,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000019)
2,3,4,7,8-PeCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000014)
PeCDFs (total)	ND(0.0000000025)	ND(0.0000000024)	0.0000000029	0.0000014 I
1,2,3,4,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000026)	0.00000012 I
1,2,3,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000025)	ND(0.00000000072)
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000030)	ND(0.00000000084)
2,3,4,6,7,8-HxCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000025)	ND(0.00000000079)
HxCDFs (total)	ND(0.0000000025)	ND(0.0000000023)	0.0000000031	0.00000062 I
1,2,3,4,6,7,8-HpCDF	ND(0.0000000025)	ND(0.0000000015)	ND(0.0000000027) X	ND(0.00000000067)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000032)	ND(0.00000000080)
HpCDFs (total)	ND(0.0000000025)	ND(0.0000000015)	ND(0.0000000027)	0.000000012
OCDF	ND(0.0000000049)	ND(0.0000000049)	ND(0.000000010)	ND(0.00000000066)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000027)	ND(0.0000000012)	ND(0.0000000019)	ND(0.00000000065)
TCDDs (total)	ND(0.0000000027)	ND(0.0000000018)	ND(0.0000000036)	ND(0.00000000065)
1,2,3,7,8-PeCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000025)	ND(0.0000000039)
PeCDDs (total)	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000043)	ND(0.0000000039)
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000027)	ND(0.0000000033)	ND(0.0000000014)
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	ND(0.0000000024)	ND(0.0000000030)	ND(0.0000000015)
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	ND(0.0000000025)	ND(0.0000000033)	ND(0.0000000014)
HxCDDs (total)	ND(0.0000000025)	ND(0.0000000035)	ND(0.0000000032)	ND(0.0000000015)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000029) X	ND(0.0000000053) X	ND(0.0000000042)	ND(0.00000000051)
HpCDDs (total)	0.0000000017	ND(0.0000000027)	ND(0.0000000042)	ND(0.00000000051)
OCDD	ND(0.000000013)	ND(0.000000034)	0.000000012 J	ND(0.0000000080)
Total TEQs (WHO TEFs)	0.0000000043	0.0000000034	0.0000000041	0.000000015

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/23/02	OPCA-MW-8 10/07/02	OPCA-MW-8 04/24/03	OPCA-MW-8 11/17/03
Inorganics-Unfiltered				
Antimony	ND(0.0600)	0.00420 B	0.0110 B	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium	ND(0.200)	0.0340 B	0.0410 B	ND(0.20)
Beryllium	ND(0.00100)	ND(0.00100) J	ND(0.00100)	ND(0.0010)
Cadmium	ND(0.00500)	ND(0.00500) J	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	0.00270 J	0.00700 B	ND(0.010)
Cobalt	ND(0.0500)	ND(0.0500)	0.00120 B	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00350 B	ND(0.025)
Cyanide	ND(0.0100)	0.00860 B	ND(0.0100)	0.00240 B
Lead	ND(0.00300)	ND(0.00300)	0.00300 J	ND(0.00300)
Mercury	ND(0.000200) J	0.000220	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	0.00240 B	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)	8.00	ND(5.00)
Thallium	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	0.00230 B	0.00240 B	0.00190 B
Zinc	0.0110 J	0.0330 J	0.0960	0.0420 J
Inorganics-Filtered				
Antimony	ND(0.0600)	0.00650 B	0.0120 B	ND(0.0600)
Arsenic	ND(0.100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium	ND(0.200)	0.0390 B	0.0420 B	ND(0.20)
Beryllium	ND(0.00100)	0.00300 J	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.0100)	ND(0.00500) J	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0250)	0.00450 J	0.00540 B	ND(0.010)
Cobalt	ND(0.0500)	0.00230 B	ND(0.0500)	ND(0.0500)
Copper	ND(0.100)	0.00530 B	0.00220 B	ND(0.0250)
Cyanide	NA	ND(0.0100)	0.00580 B	ND(0.0100)
Lead	ND(0.00300)	ND(0.00300)	ND(0.00300) J	ND(0.00300)
Mercury	ND(0.000200) J	0.000240	ND(0.000200) J	ND(0.000200)
Nickel	ND(0.0400)	0.00420 B	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	0.00810 J	ND(0.0100) J	ND(0.0100)
Vanadium	ND(0.0500)	0.00470 B	0.00200 B	ND(0.0500)
Zinc	0.0120 B J	0.0320 J	0.0410 J	ND(0.023)

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OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/28/04	OPCA-MW-8 10/05/04	OPCA-MW-8 04/06/05
Volatile Organics			
Acetone	ND(0.010) J	ND(0.010) J	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	0.0024 J	ND(0.0050)	0.0026 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	0.0024 J	ND(0.20)	0.0026 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)	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	0.000055 J	0.000041 J	0.000061 J
Aroclor-1260	ND(0.000065)	0.000025 J	ND(0.000065)
Total PCBs	0.000055 J	0.000066 J	0.000061 J
Semivolatile Organics			
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(0.00000000072)	ND(0.0000000024)	ND(0.0000000022)
TCDFs (total)	0.000000086 I	ND(0.0000000024)	ND(0.0000000022)
1,2,3,7,8-PeCDF	ND(0.00000000068)	ND(0.0000000013)	ND(0.0000000044)
2,3,4,7,8-PeCDF	ND(0.00000000062)	ND(0.0000000013)	ND(0.0000000044)
PeCDFs (total)	0.00000016 I	ND(0.0000000018)	ND(0.0000000044)
1,2,3,4,7,8-HxCDF	0.000000020 I	ND(0.0000000019)	ND(0.0000000042)
1,2,3,6,7,8-HxCDF	ND(0.00000000048)	ND(0.00000000073)	ND(0.0000000034)
1,2,3,7,8,9-HxCDF	ND(0.00000000058)	ND(0.00000000094)	ND(0.0000000045)
2,3,4,6,7,8-HxCDF	ND(0.00000000049)	ND(0.00000000084)	ND(0.0000000040)
HxCDFs (total)	0.000000089 I	ND(0.0000000019)	ND(0.0000000045)
1,2,3,4,6,7,8-HpCDF	ND(0.00000000025)	ND(0.0000000021)	ND(0.0000000042)
1,2,3,4,7,8,9-HpCDF	ND(0.00000000037)	ND(0.00000000075)	ND(0.0000000054)
HpCDFs (total)	ND(0.00000000037)	ND(0.0000000021)	ND(0.0000000054)
OCDF	ND(0.00000000085)	ND(0.0000000024)	ND(0.0000000098)
Dioxins			
2,3,7,8-TCDD	ND(0.00000000017)	ND(0.00000000087)	ND(0.0000000036)
TCDDs (total)	ND(0.00000000017)	ND(0.00000000087)	ND(0.0000000036)
1,2,3,7,8-PeCDD	ND(0.0000000043)	ND(0.0000000022)	ND(0.0000000066)
PeCDDs (total)	ND(0.0000000043)	ND(0.0000000022)	ND(0.0000000066)
1,2,3,4,7,8-HxCDD	ND(0.00000000076)	ND(0.0000000012)	ND(0.0000000063)
1,2,3,6,7,8-HxCDD	ND(0.00000000075)	ND(0.00000000095)	ND(0.0000000048)
1,2,3,7,8,9-HxCDD	ND(0.00000000081)	ND(0.00000000099)	ND(0.0000000052)
HxCDDs (total)	ND(0.00000000081)	ND(0.0000000012)	ND(0.0000000063)
1,2,3,4,6,7,8-HpCDD	ND(0.00000000070)	ND(0.0000000011)	ND(0.0000000060)
HpCDDs (total)	ND(0.00000000070)	ND(0.0000000011)	ND(0.0000000060)
OCDD	ND(0.00000000071)	ND(0.0000000068)	ND(0.000000019)
Total TEQs (WHO TEFs)	0.0000000046	0.0000000024	0.0000000081

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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 04/28/04	OPCA-MW-8 10/05/04	OPCA-MW-8 04/06/05
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(5.00)	ND(5.0)
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	0.0340 B	0.00950 B
Beryllium	0.000380 B	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	0.00260 B	0.00300 B	0.00740 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	0.00530 B
Cyanide	0.00280 B	ND(0.0100)	0.00140 B
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)	0.00240 B
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	0.00100 B
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.0120 B	0.0130 B	0.0480

TABLE B-1
OPCA MONITORING PROGRAM

GROUNDWATER QUALITY MONITORING INTERIM REPORT FOR SPRING 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

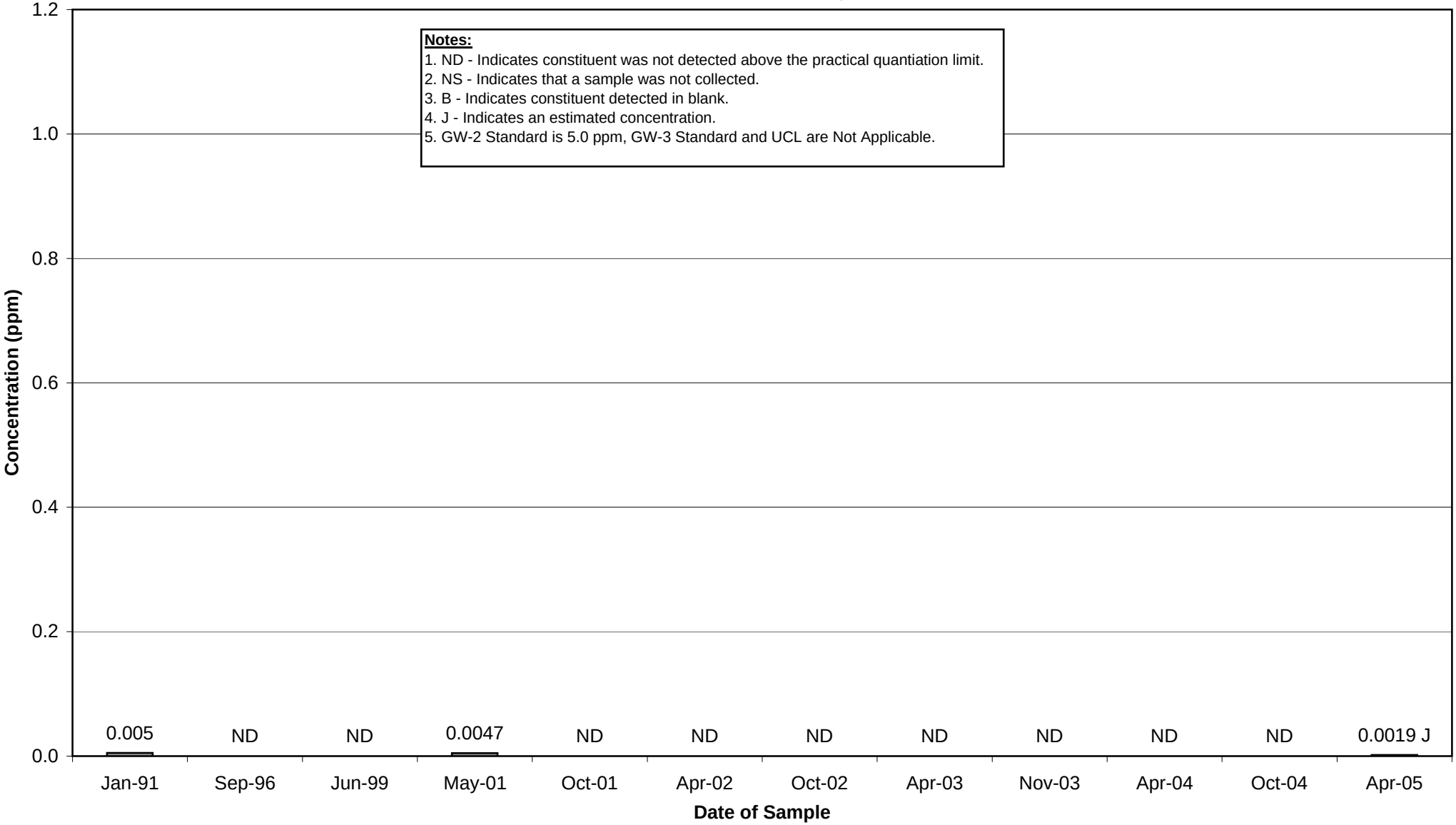
Total VOC Concentrations – All Wells

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



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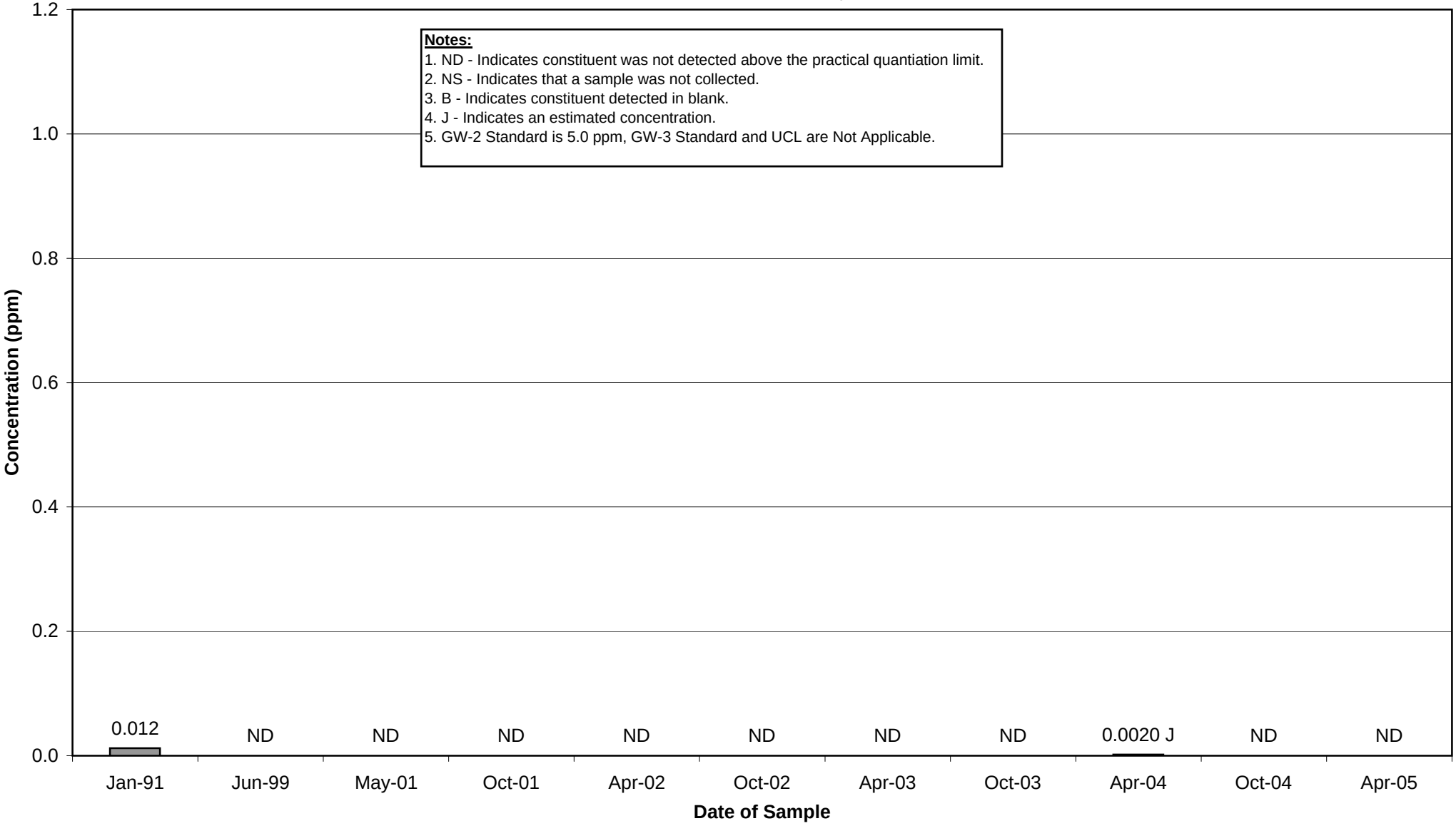
APPENDIX B
WELL 78-6 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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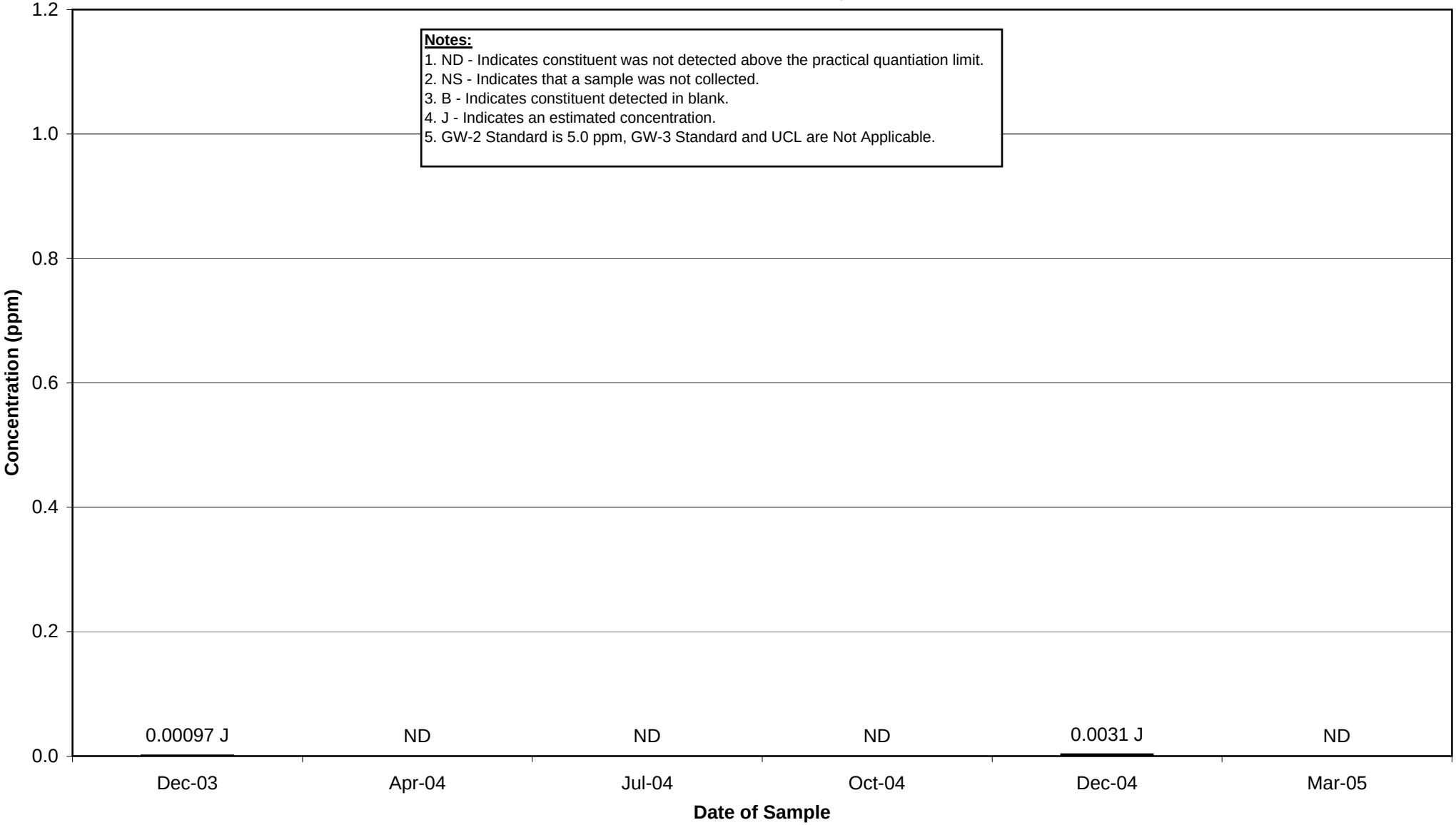
APPENDIX B
WELL GMA4-5 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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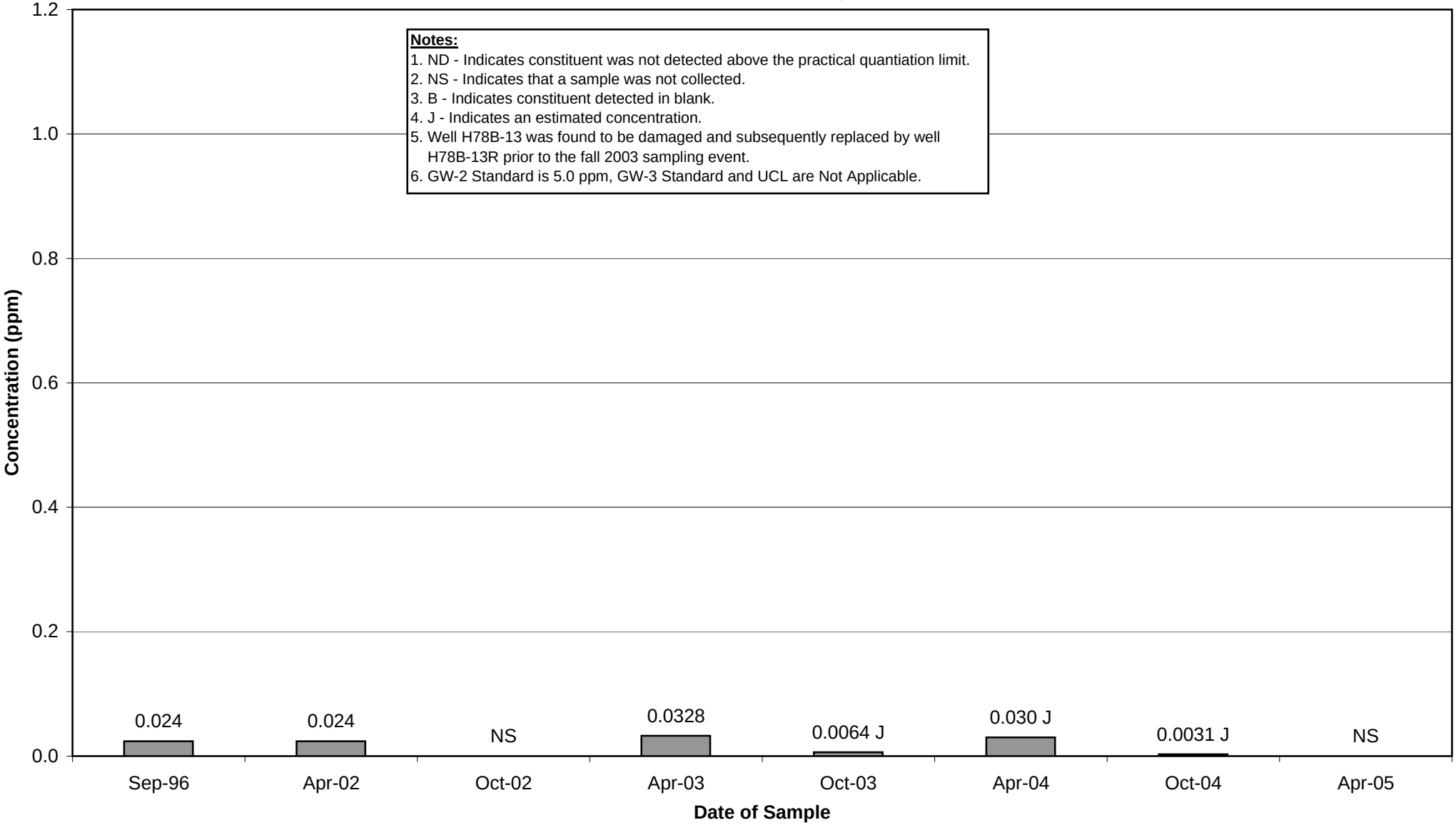
APPENDIX B
WELL H78B-13 & H78B-13R HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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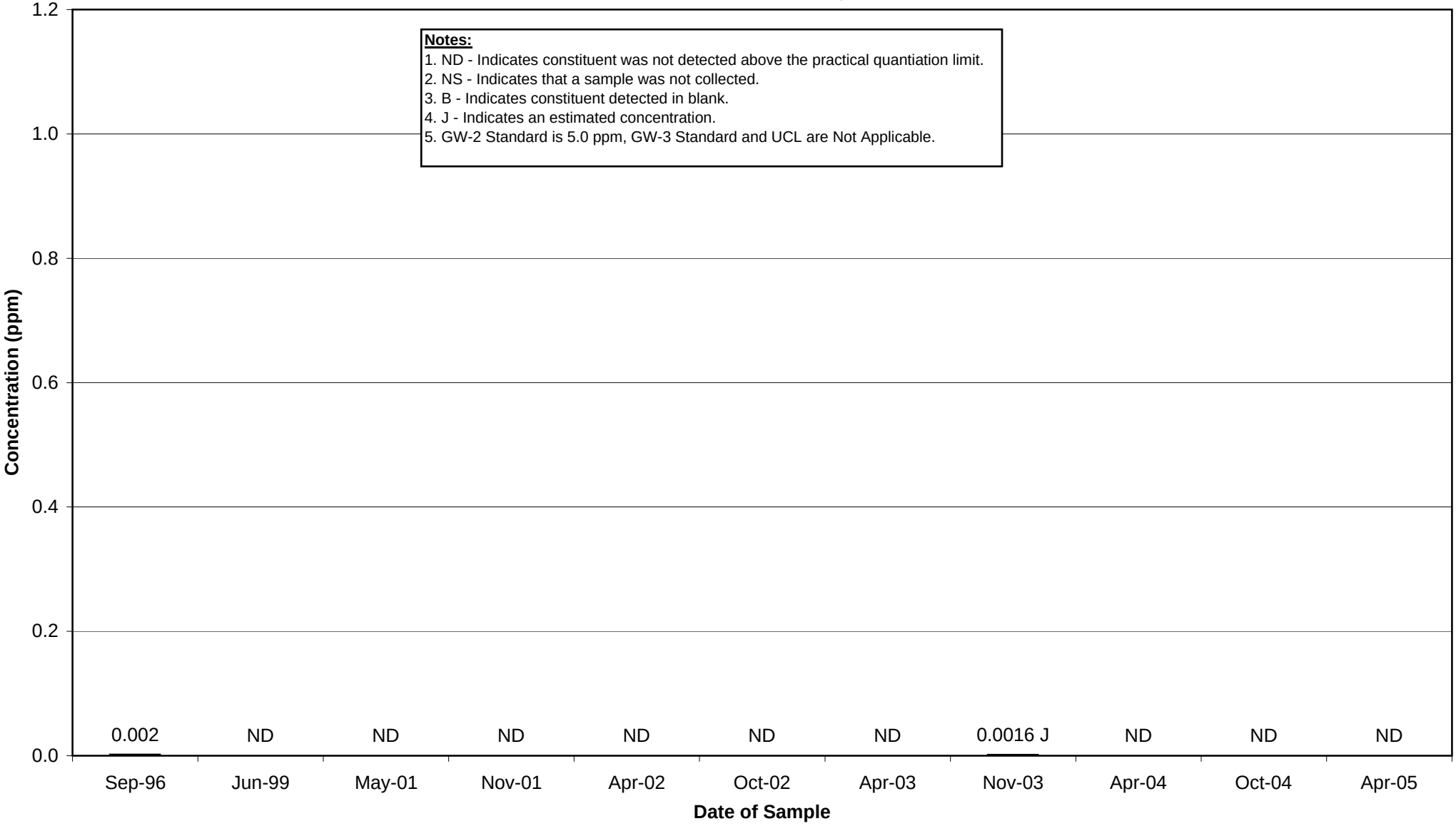
APPENDIX B
WELL H78B-15 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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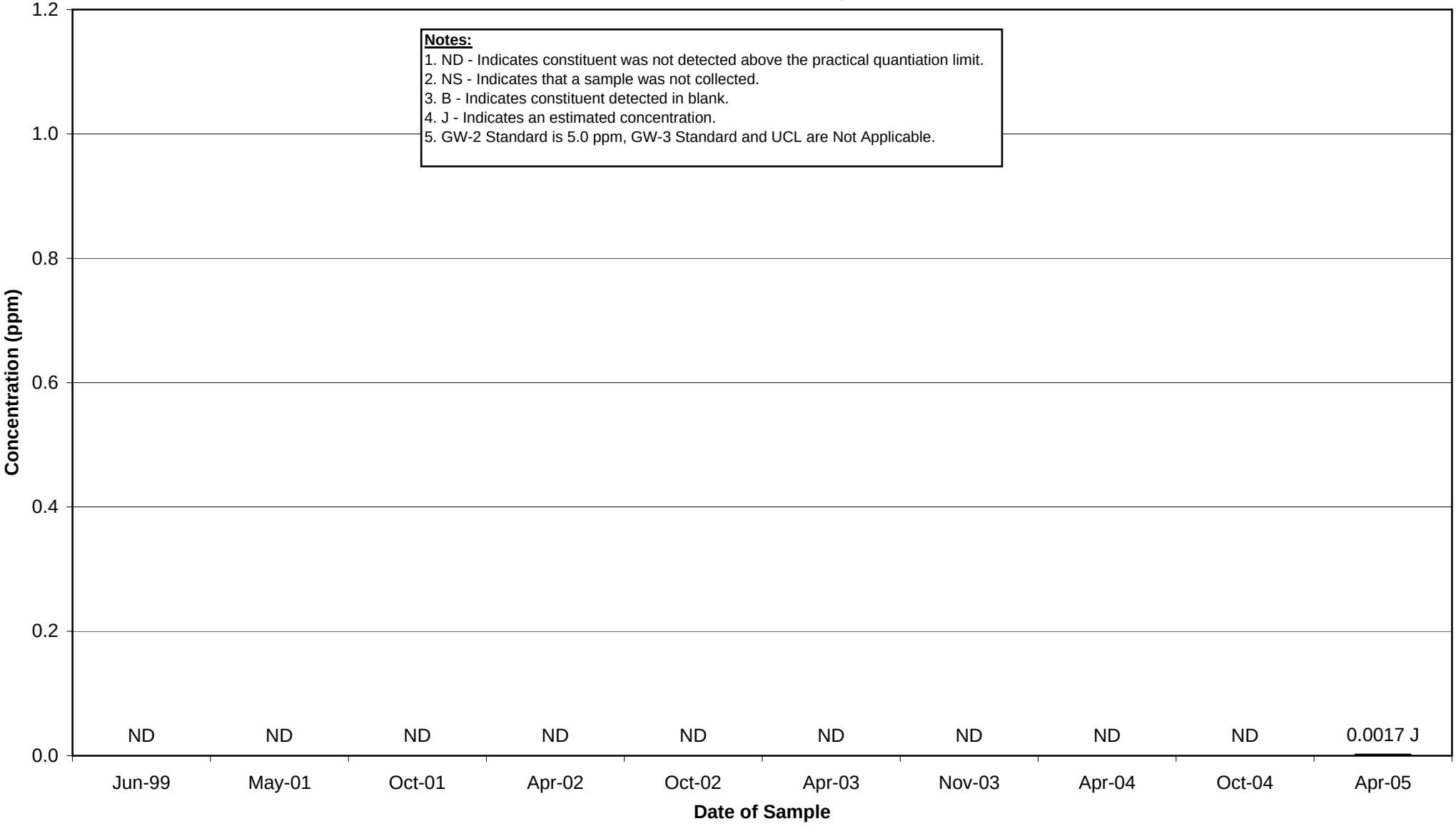
APPENDIX B
WELL OPCA-MW-1 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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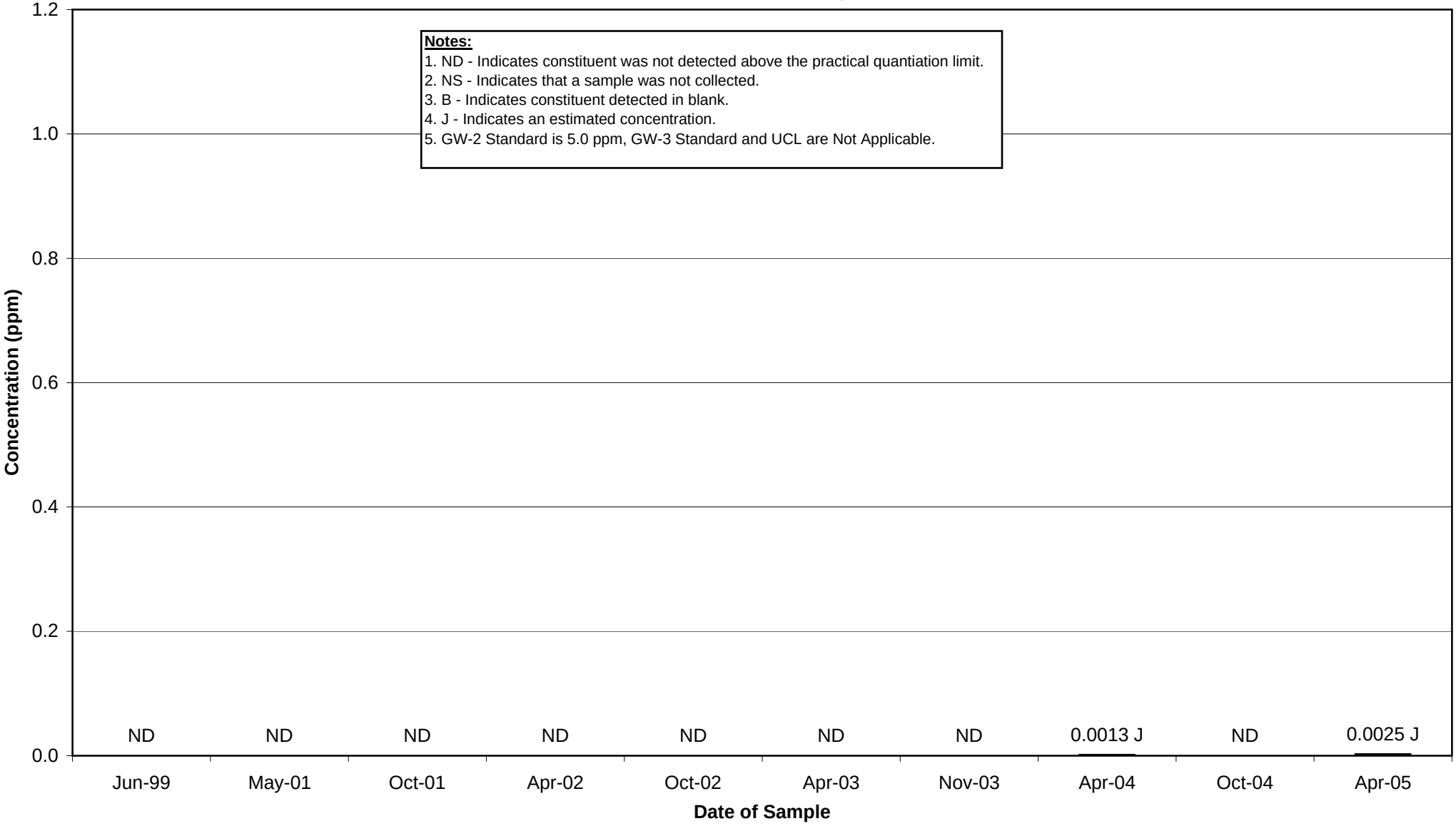
APPENDIX B
WELL OPCA-MW-2 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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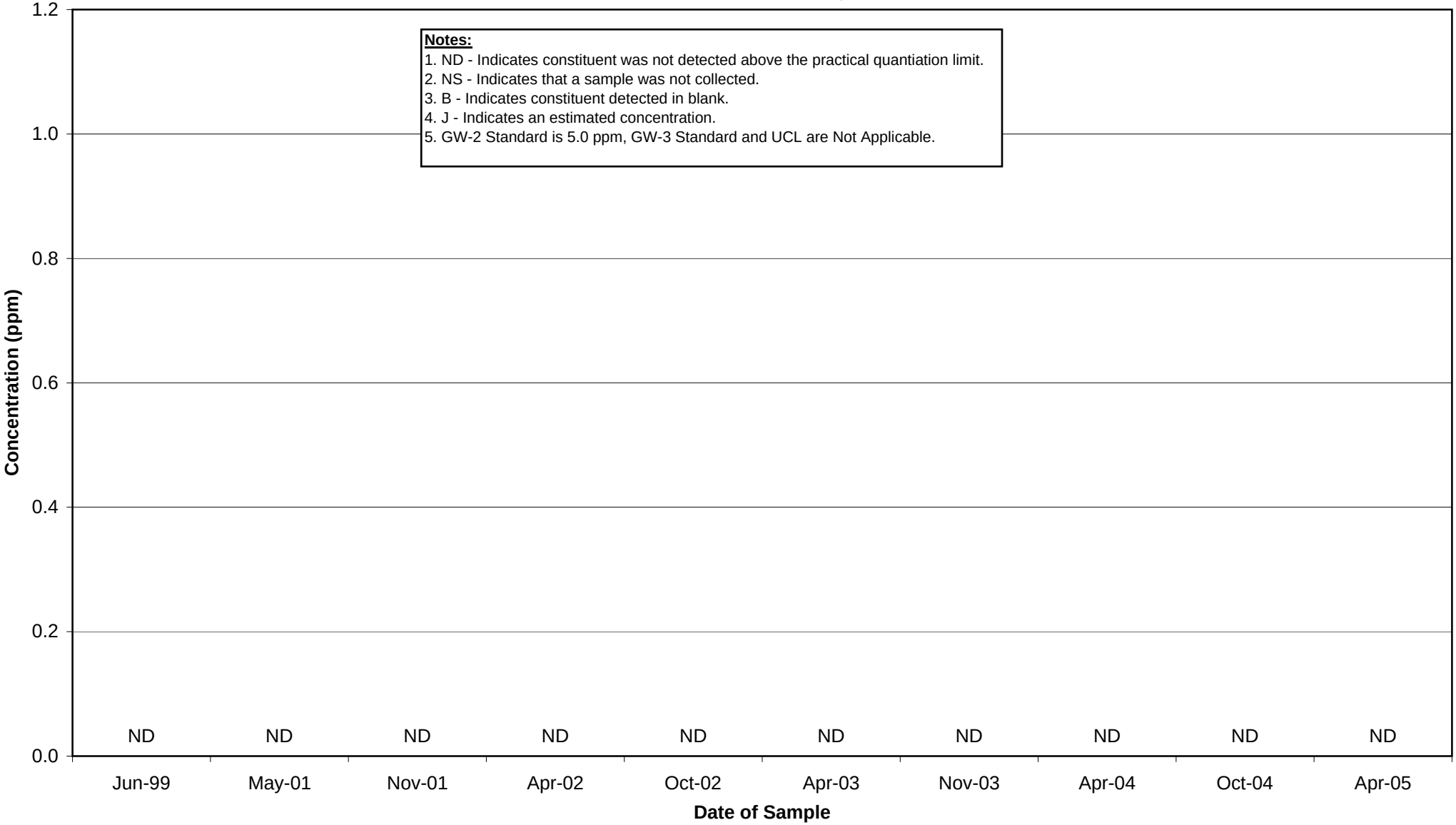
APPENDIX B
WELL OPCA-MW-3 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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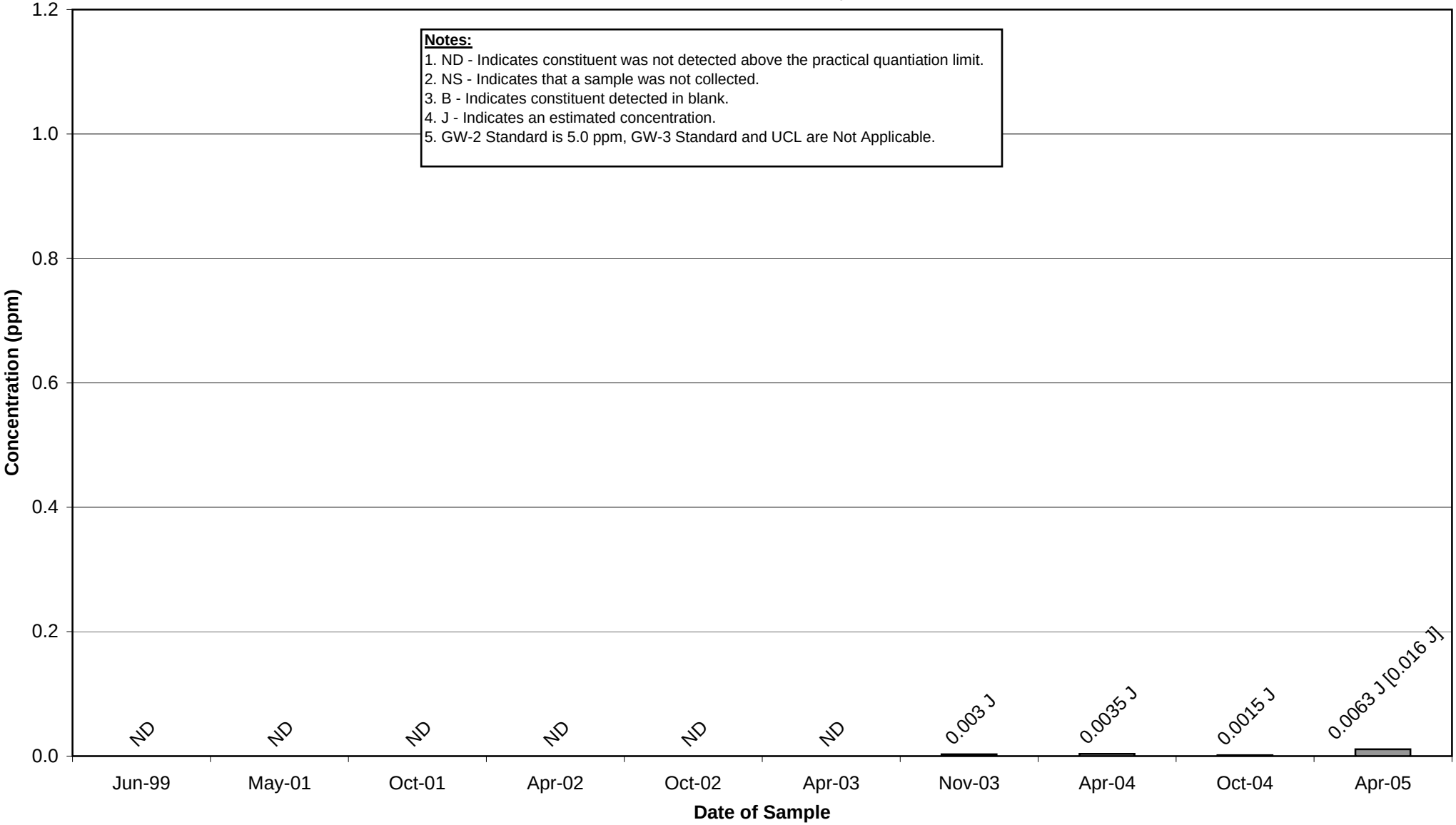
APPENDIX B
WELL OPCA-MW-4 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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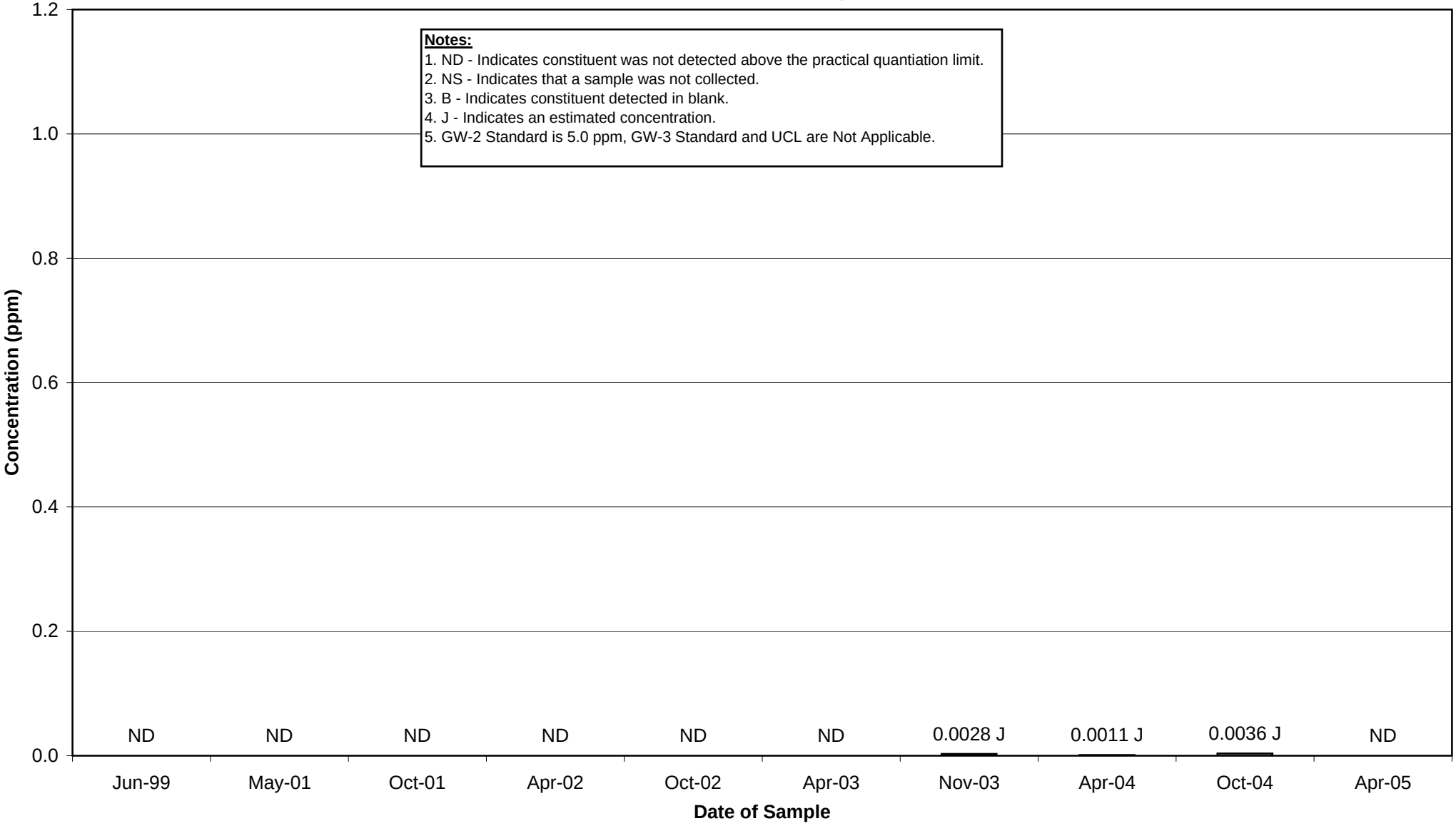
APPENDIX B
WELL OPCA-MW-5R HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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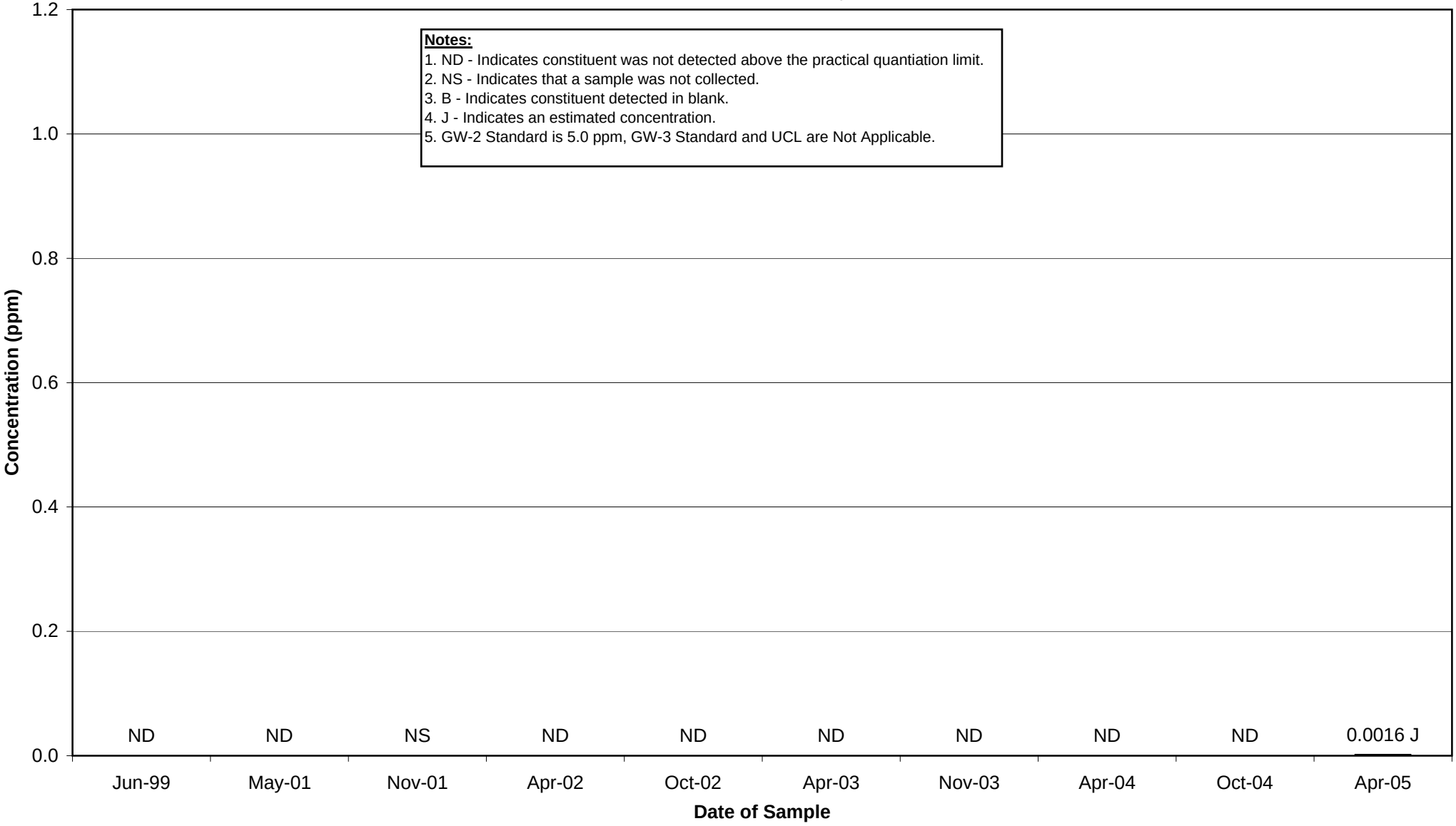
APPENDIX B
WELL OPCA-MW-6 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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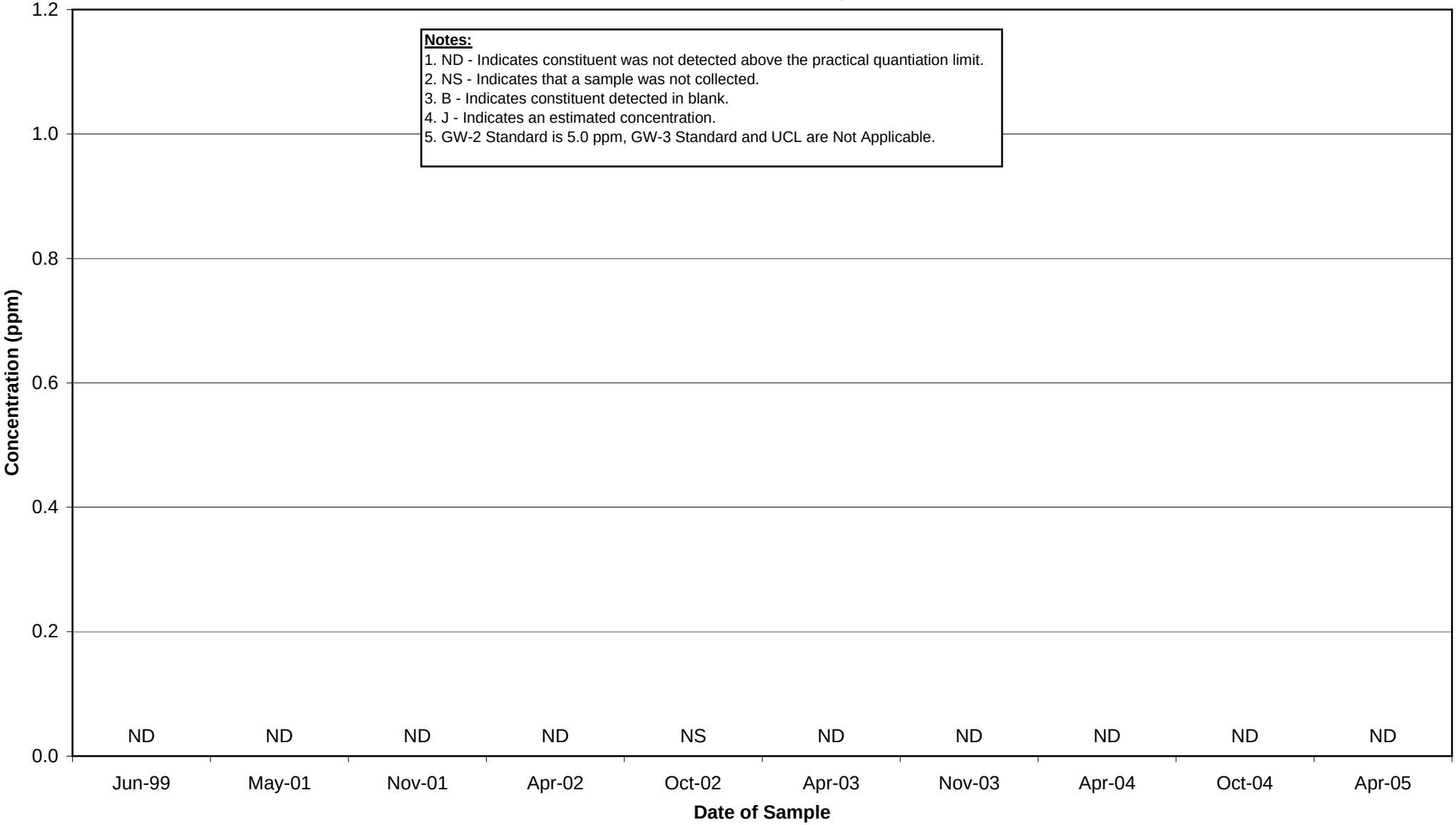
APPENDIX B
WELL OPCA-MW-7 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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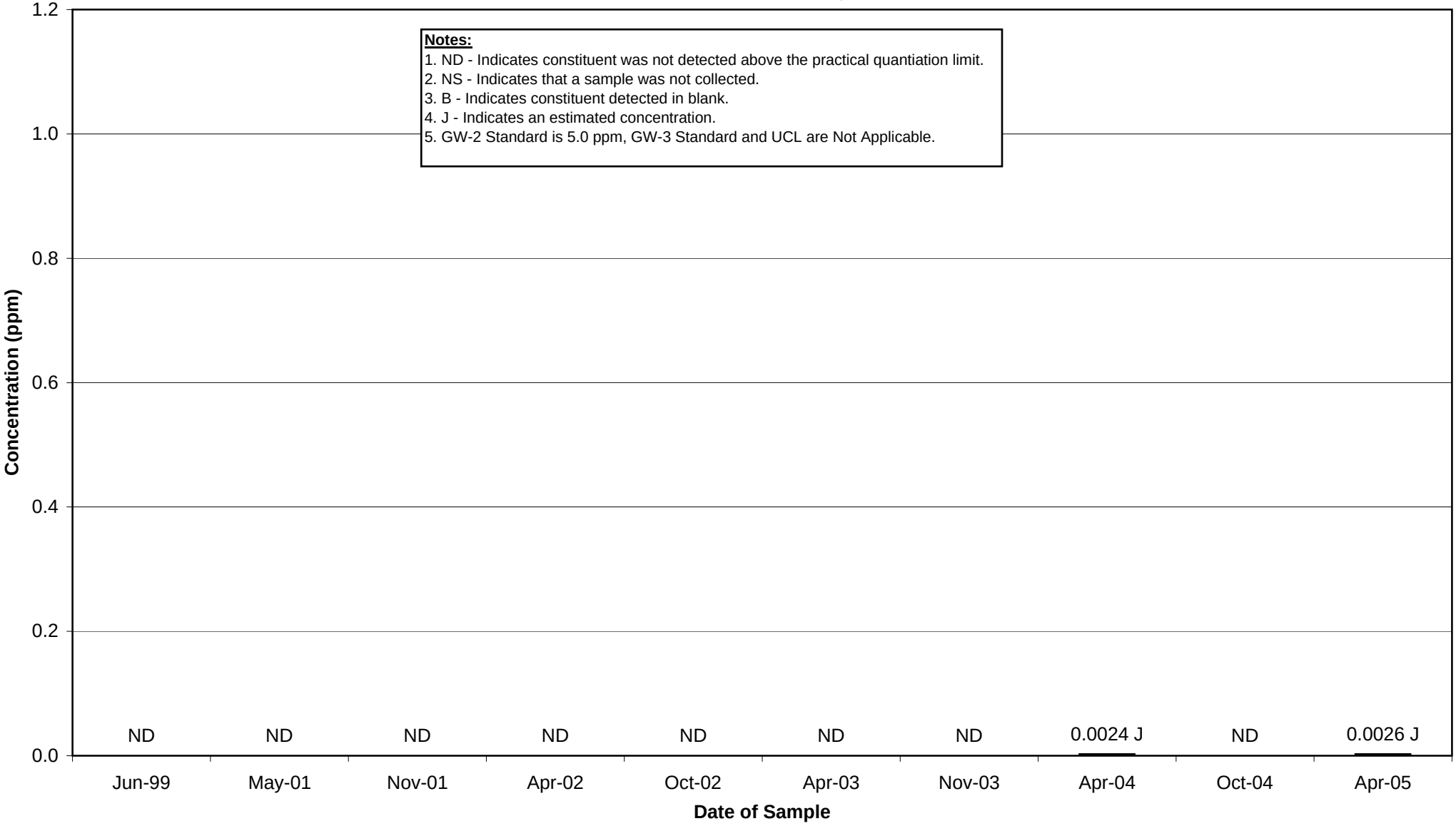
APPENDIX B
WELL OPCA-MW-8 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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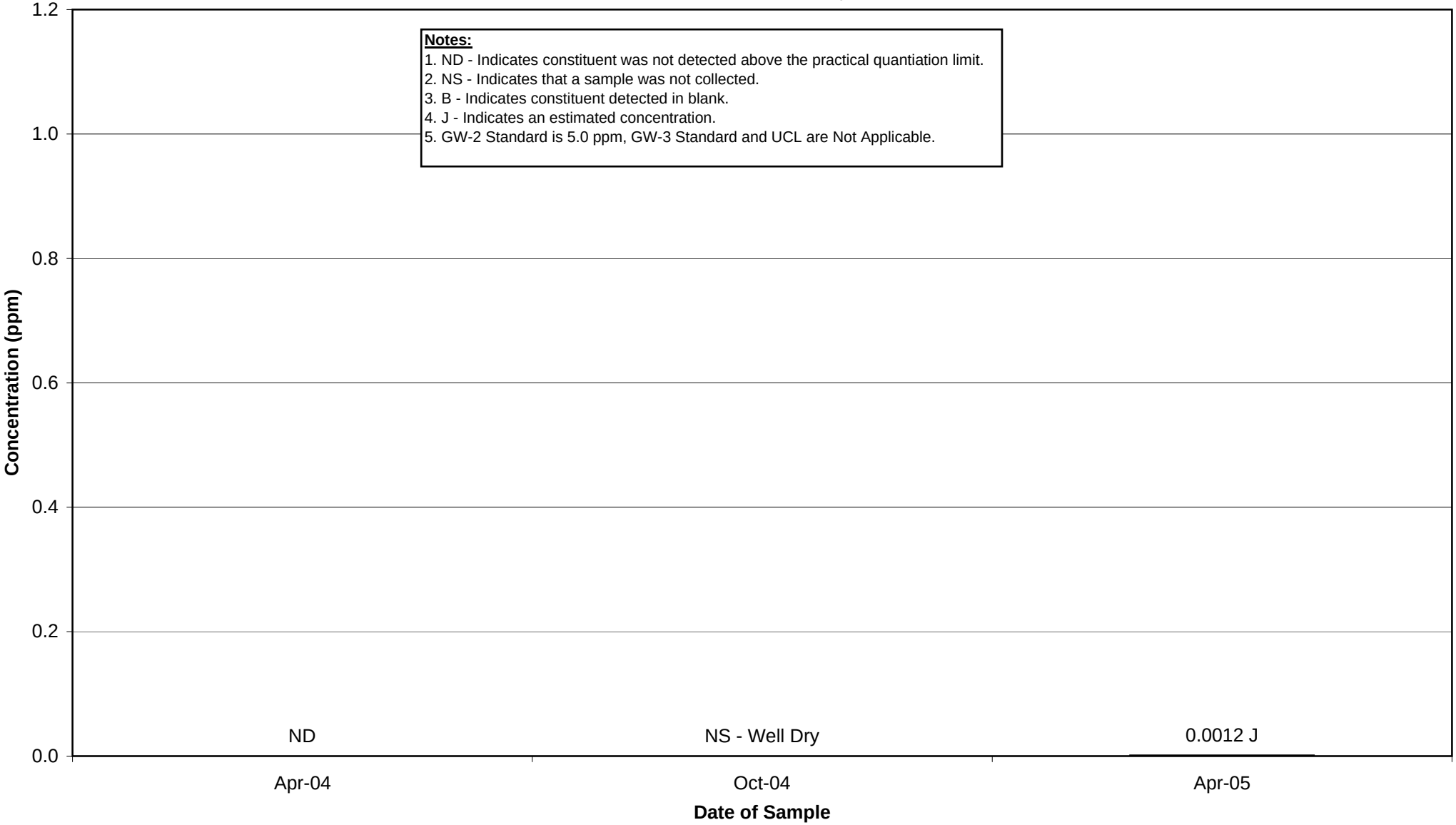
APPENDIX B
WELL UB-MW-5 HISTORICAL TOTAL VOC CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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Historical Groundwater Data

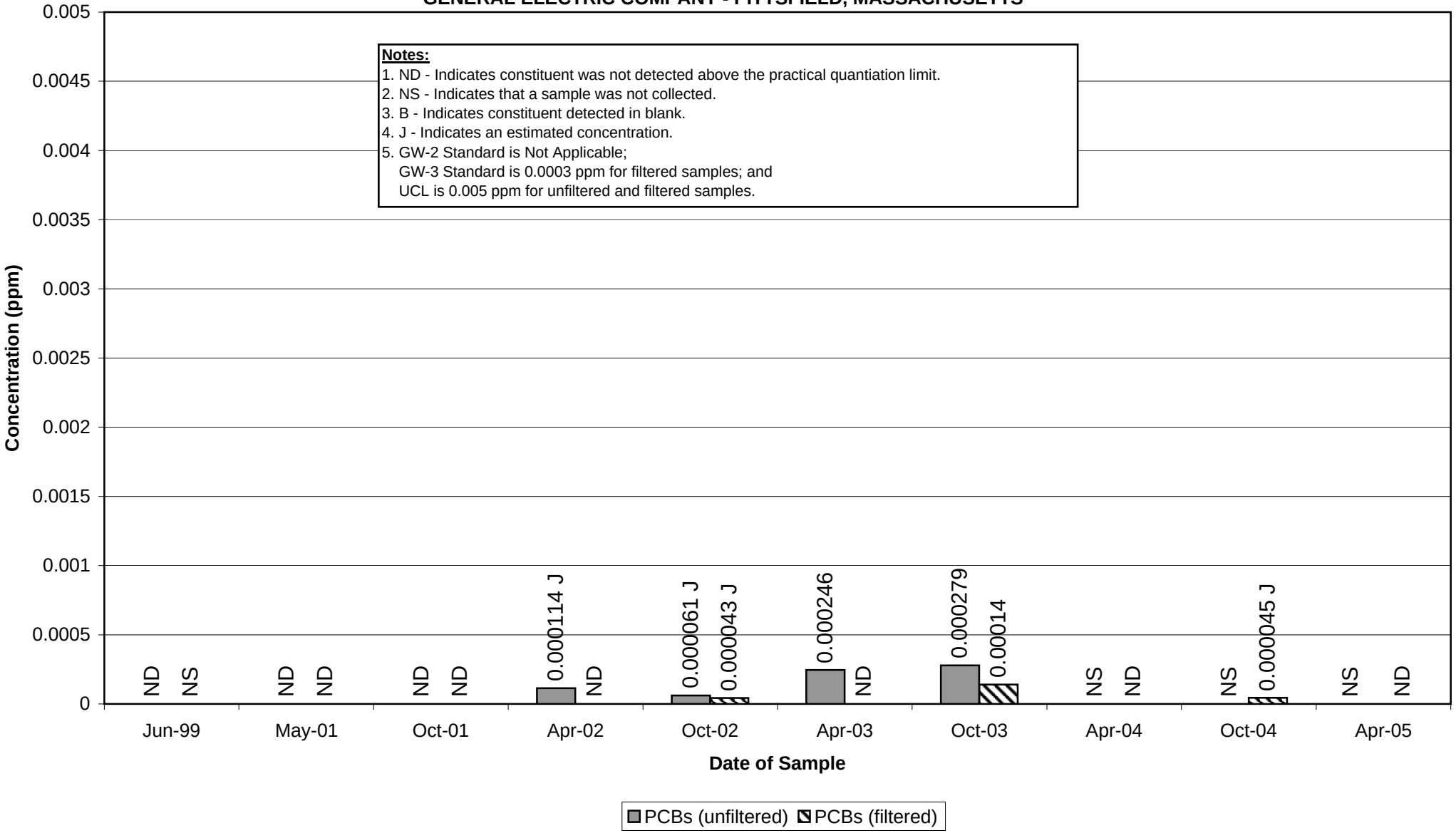
Total PCB Concentrations – All Wells

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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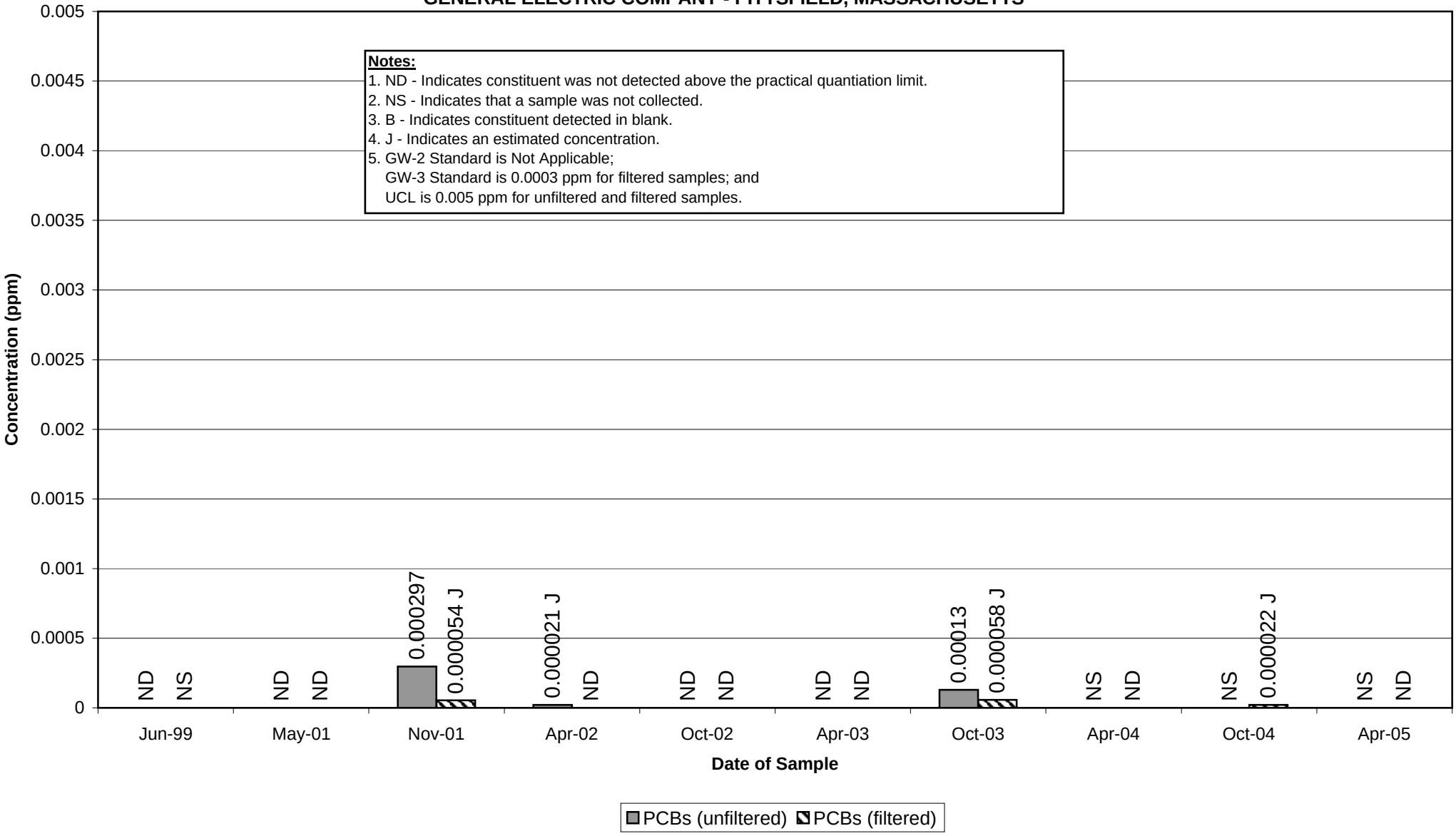
APPENDIX B
WELL 78-6 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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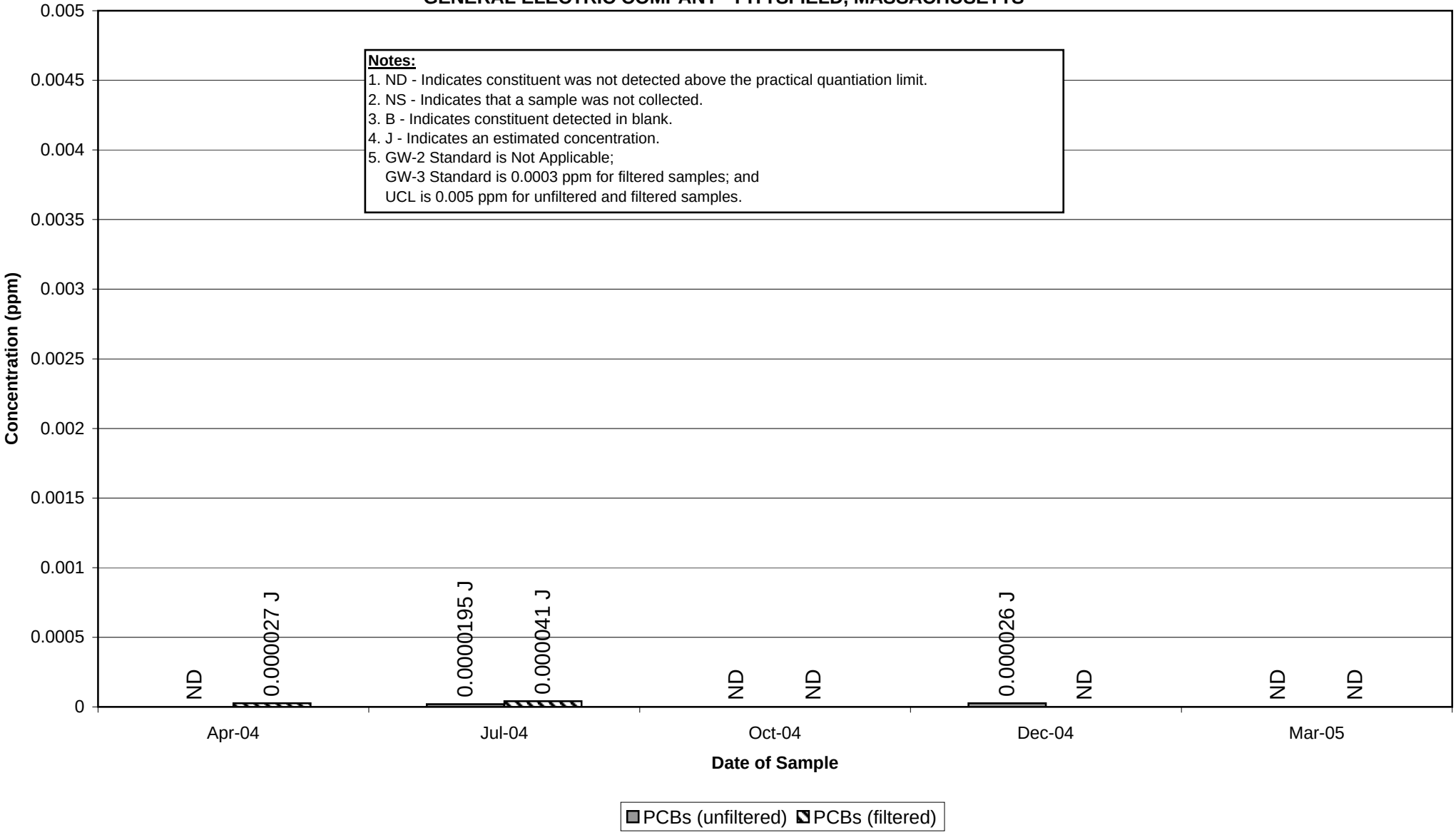
APPENDIX B
WELL GMA4-5 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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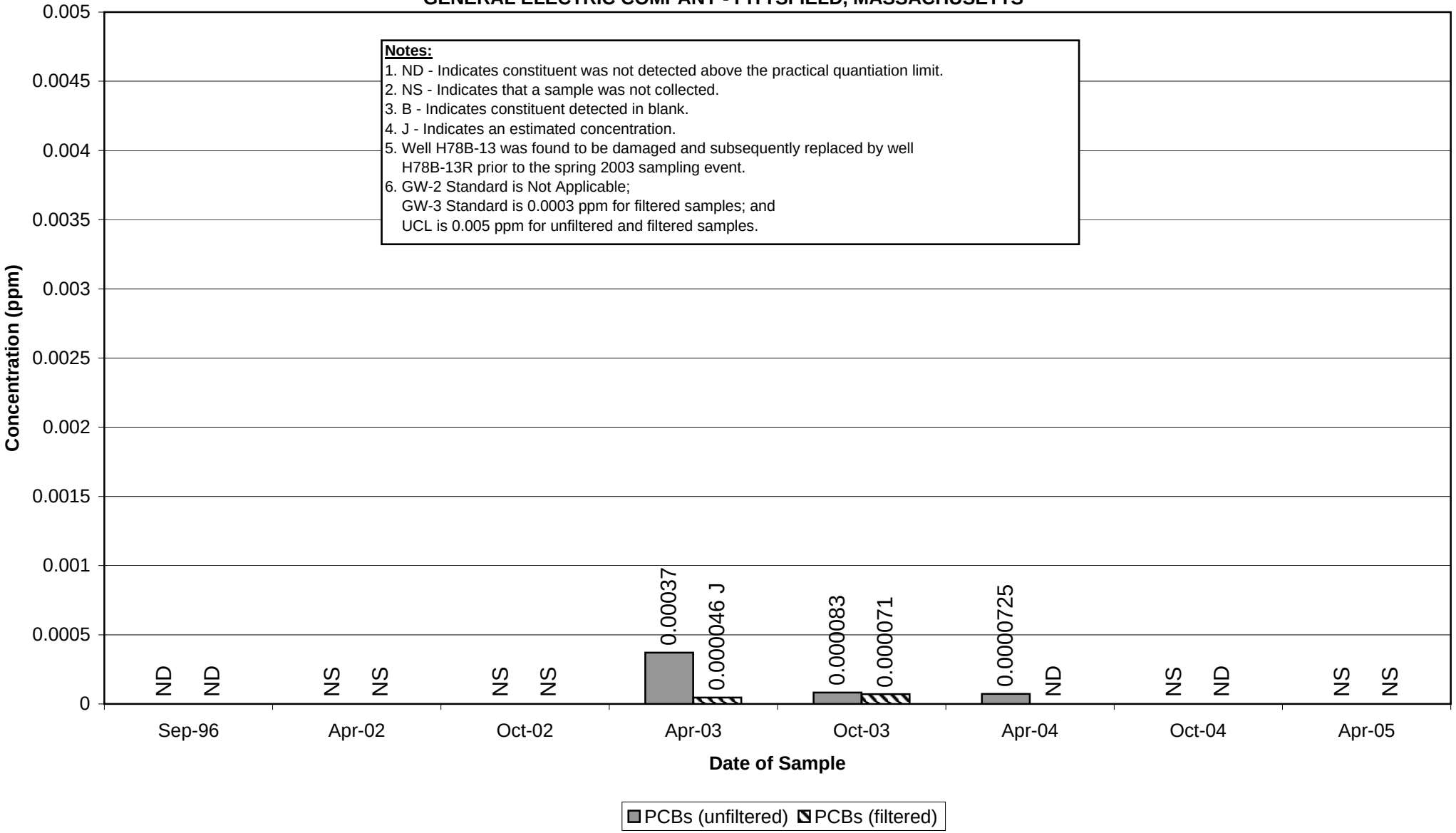
APPENDIX B
WELL H78B-13 & H78B-13R HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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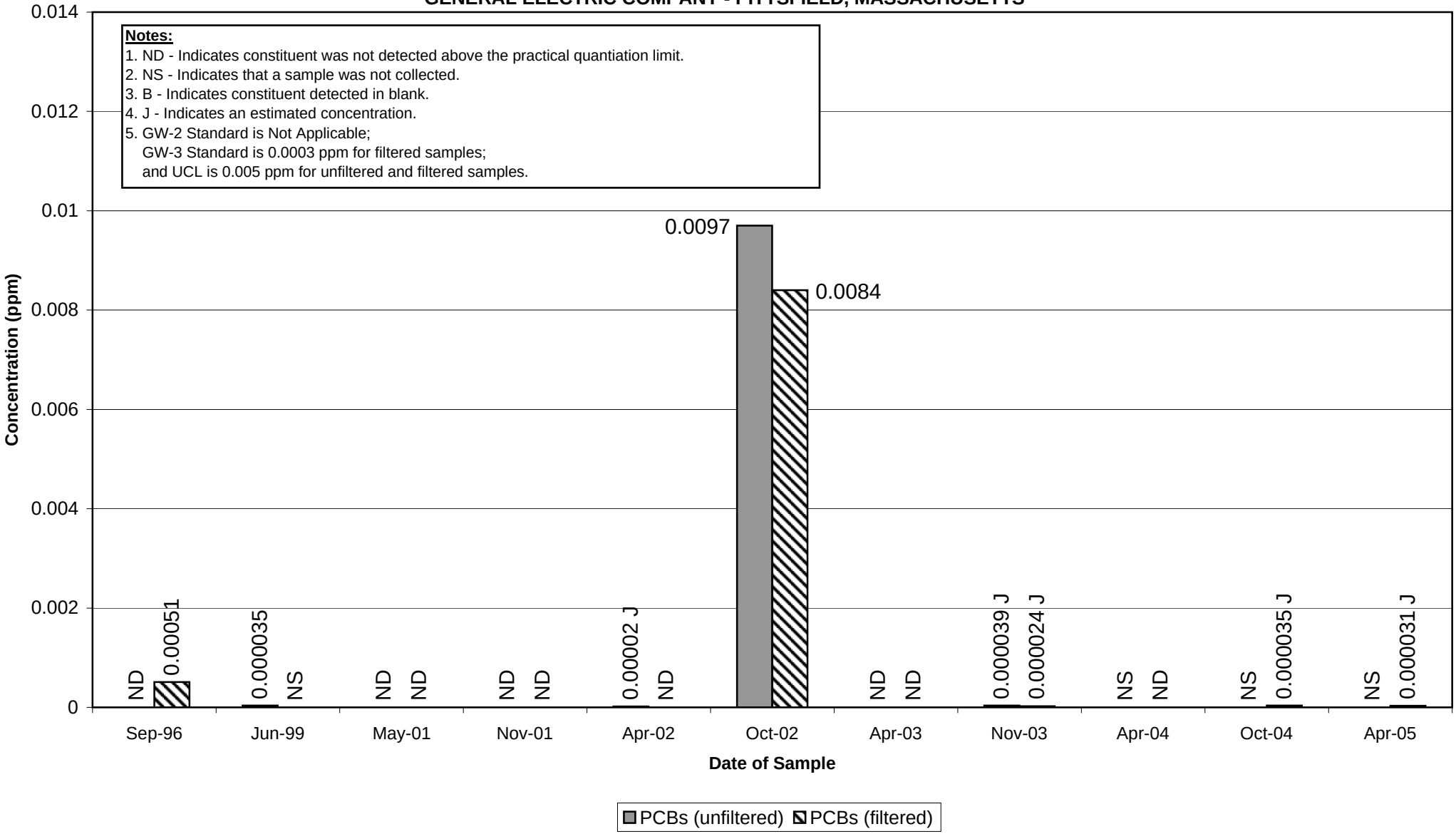
APPENDIX B
WELL H78B-15 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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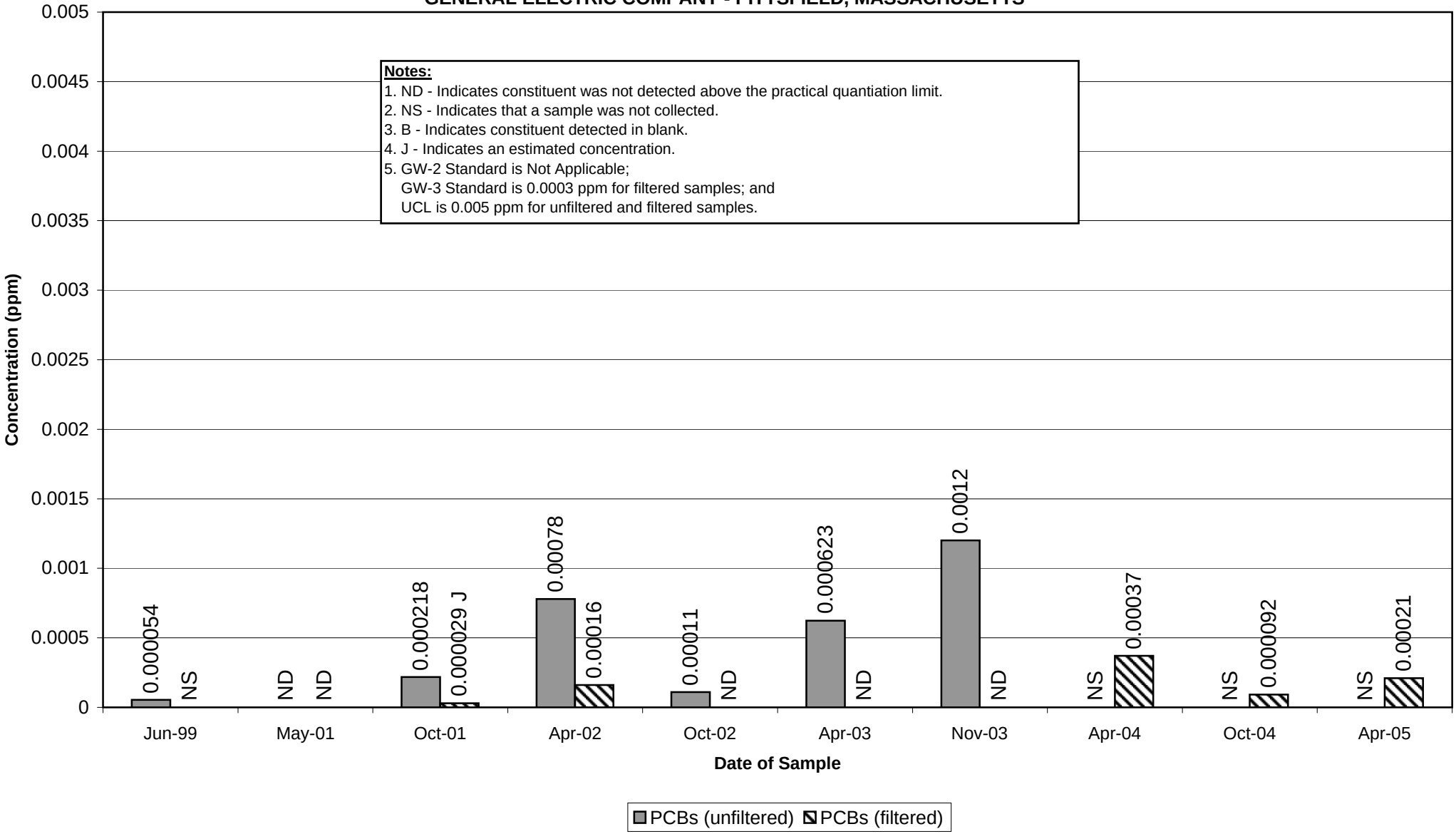
APPENDIX B
WELL OPCA-MW-1 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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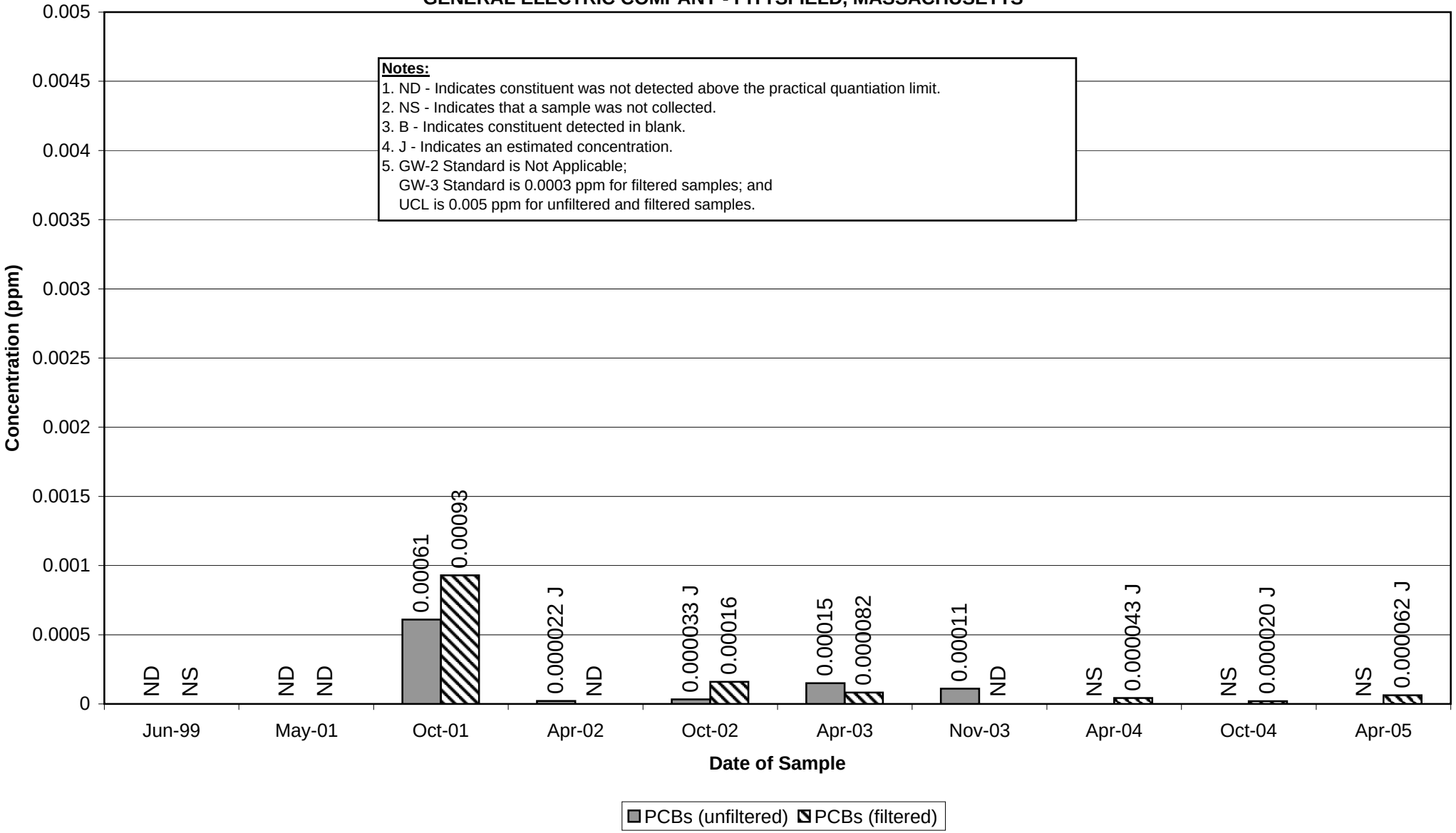
APPENDIX B
WELL OPCA-MW-2 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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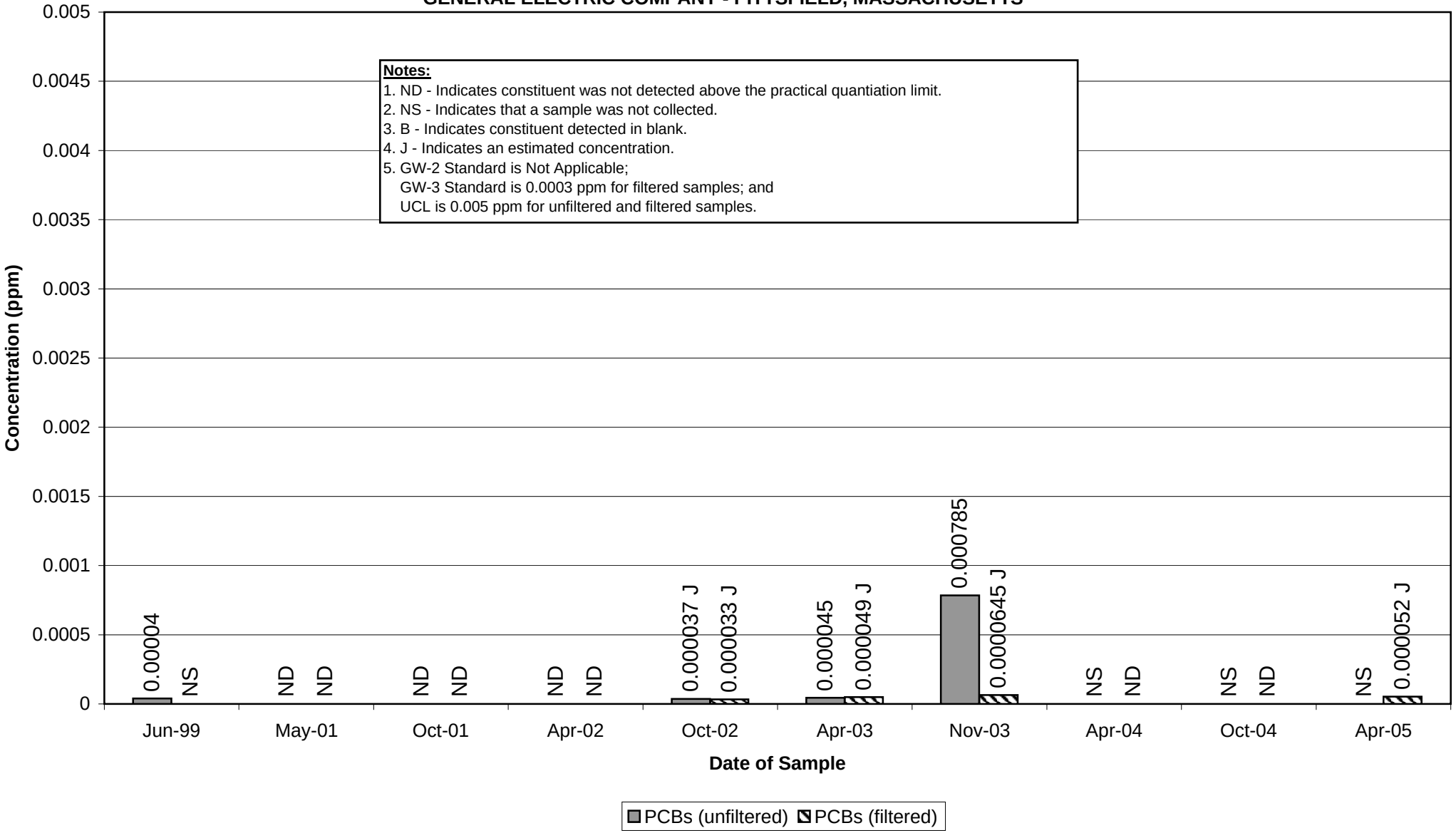
APPENDIX B
WELL OPCA-MW-3 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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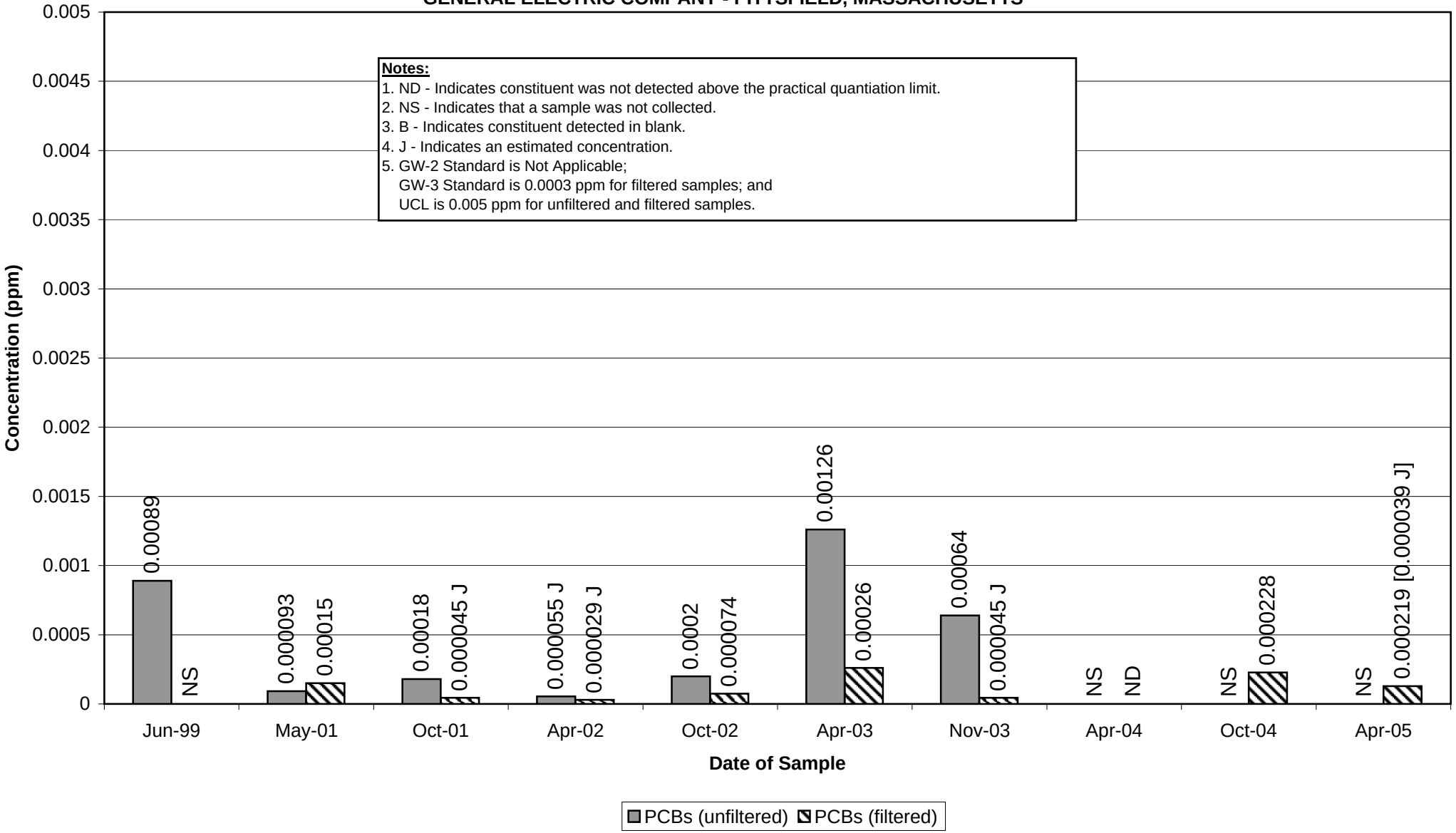
APPENDIX B
WELL OPCA-MW-4 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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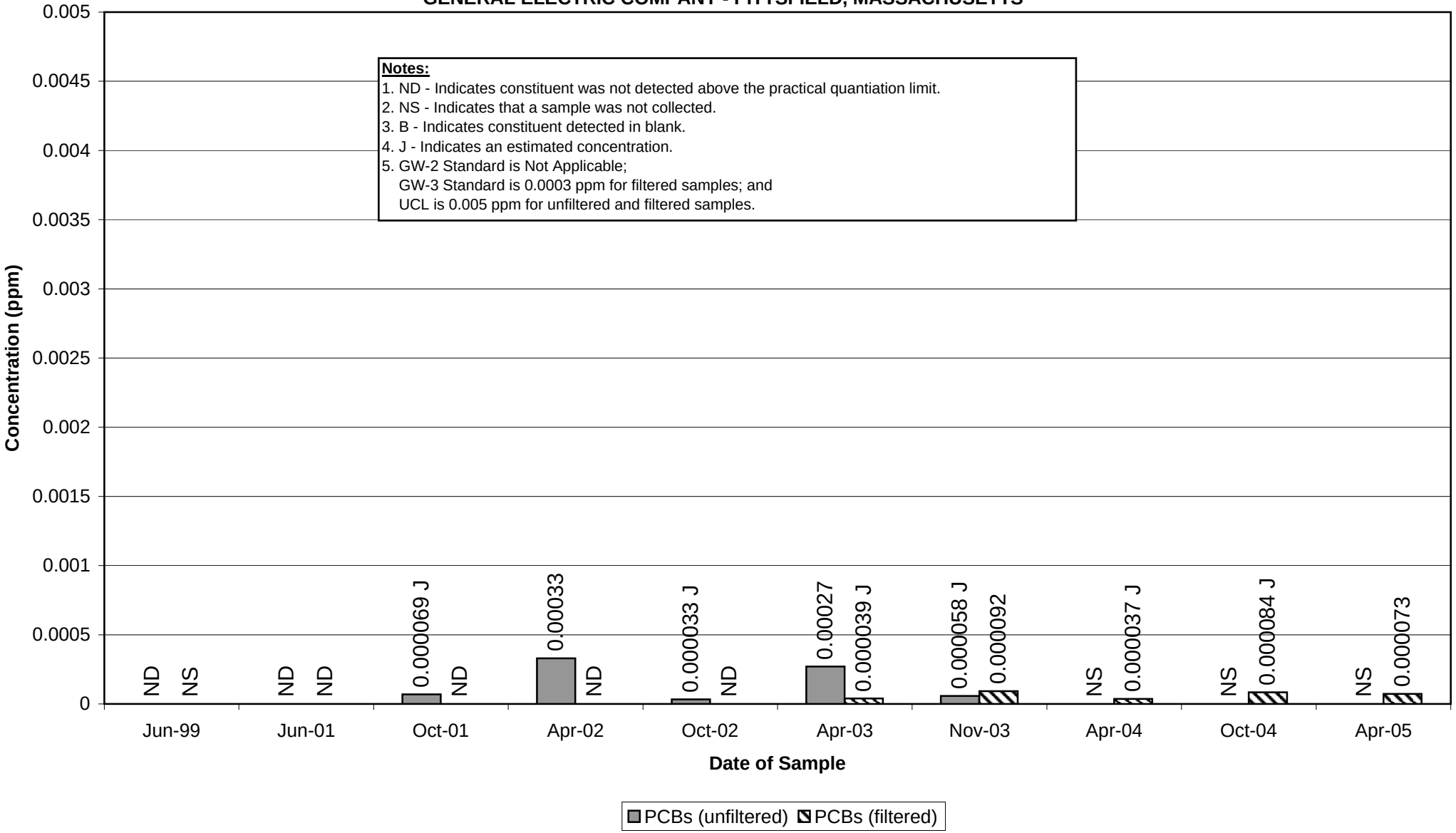
APPENDIX B
WELL OPCA-MW-5R HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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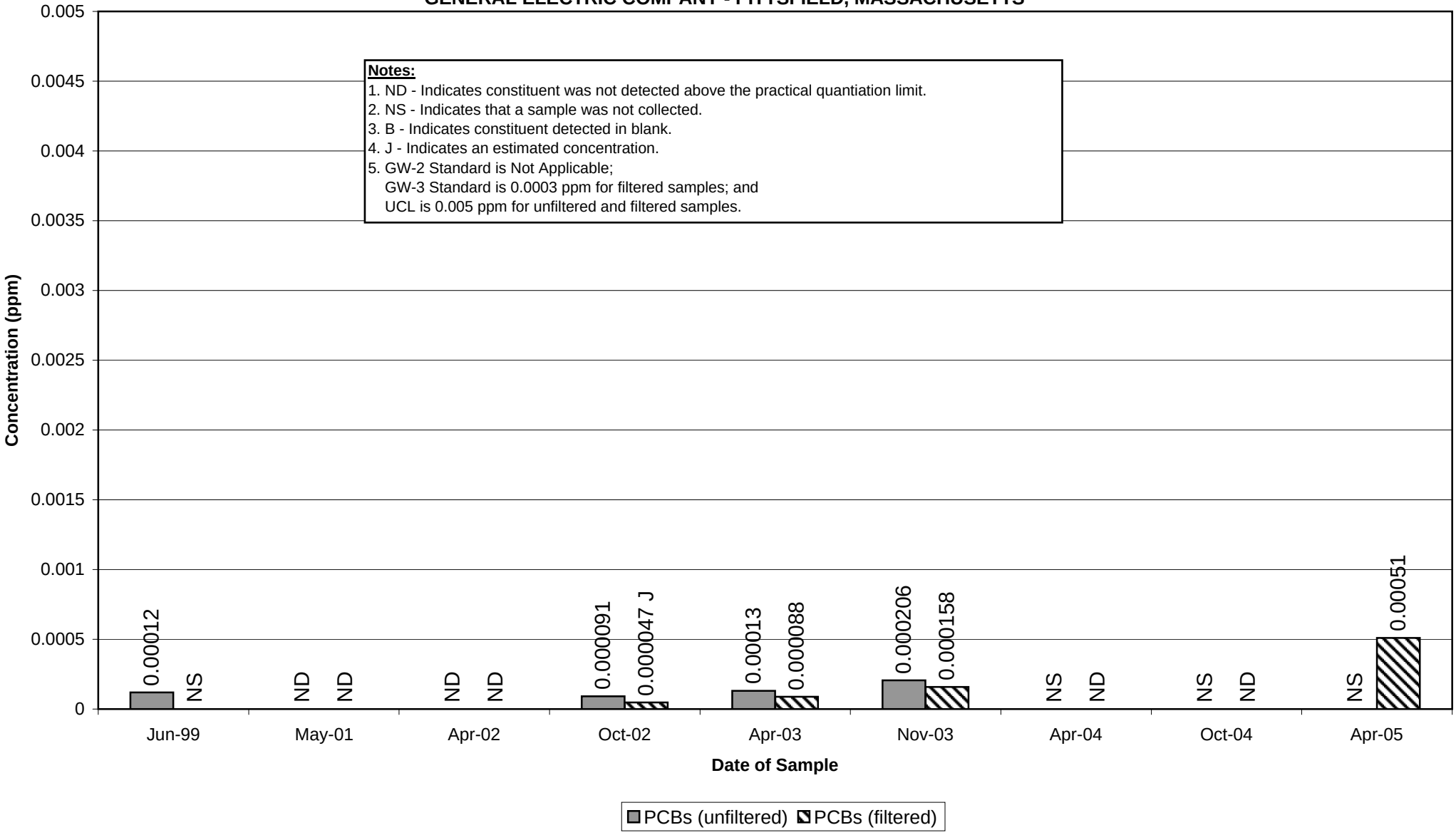
APPENDIX B
WELL OPCA-MW-6 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



9/1/2005

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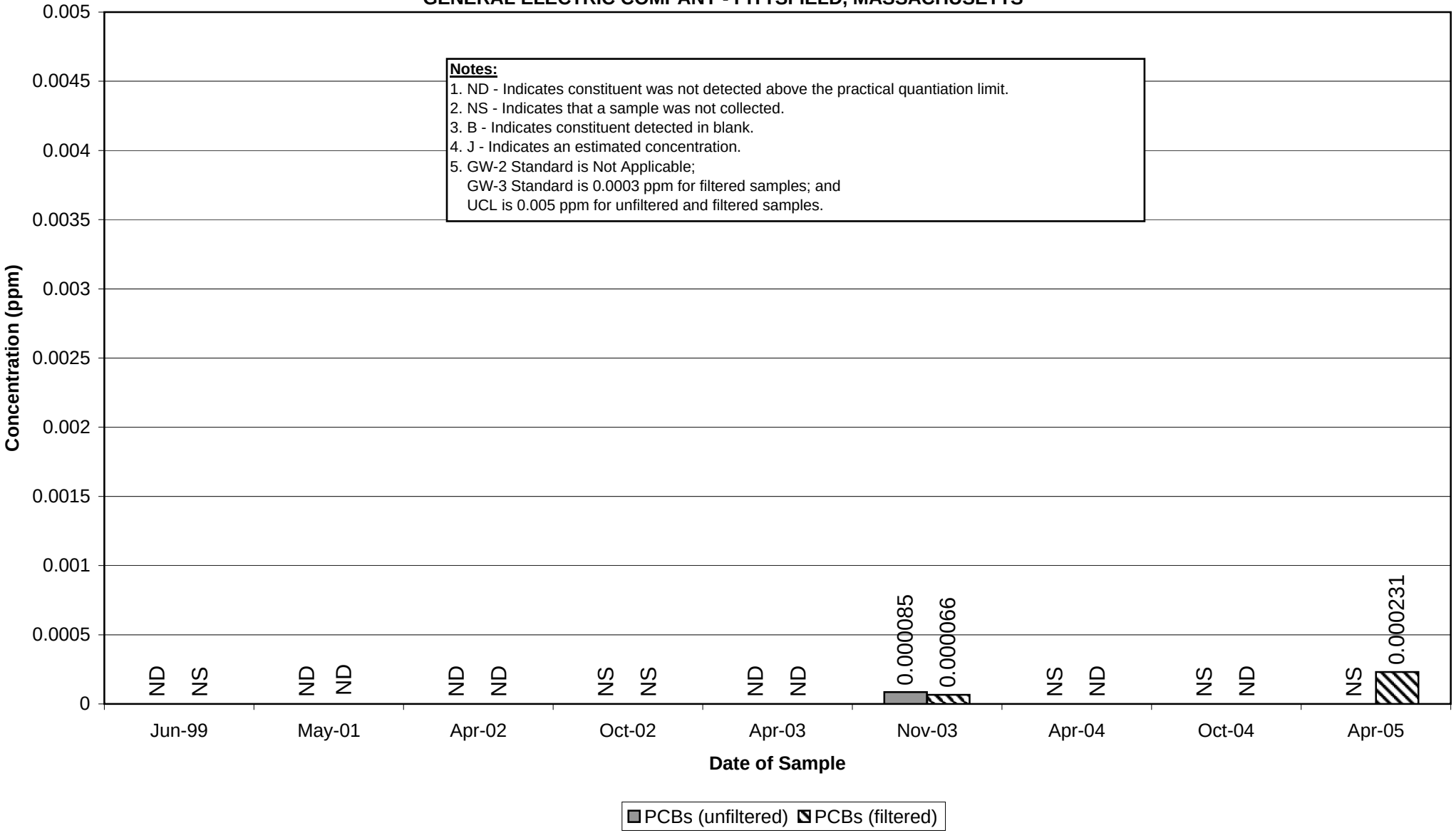
APPENDIX B
WELL OPCA-MW-7 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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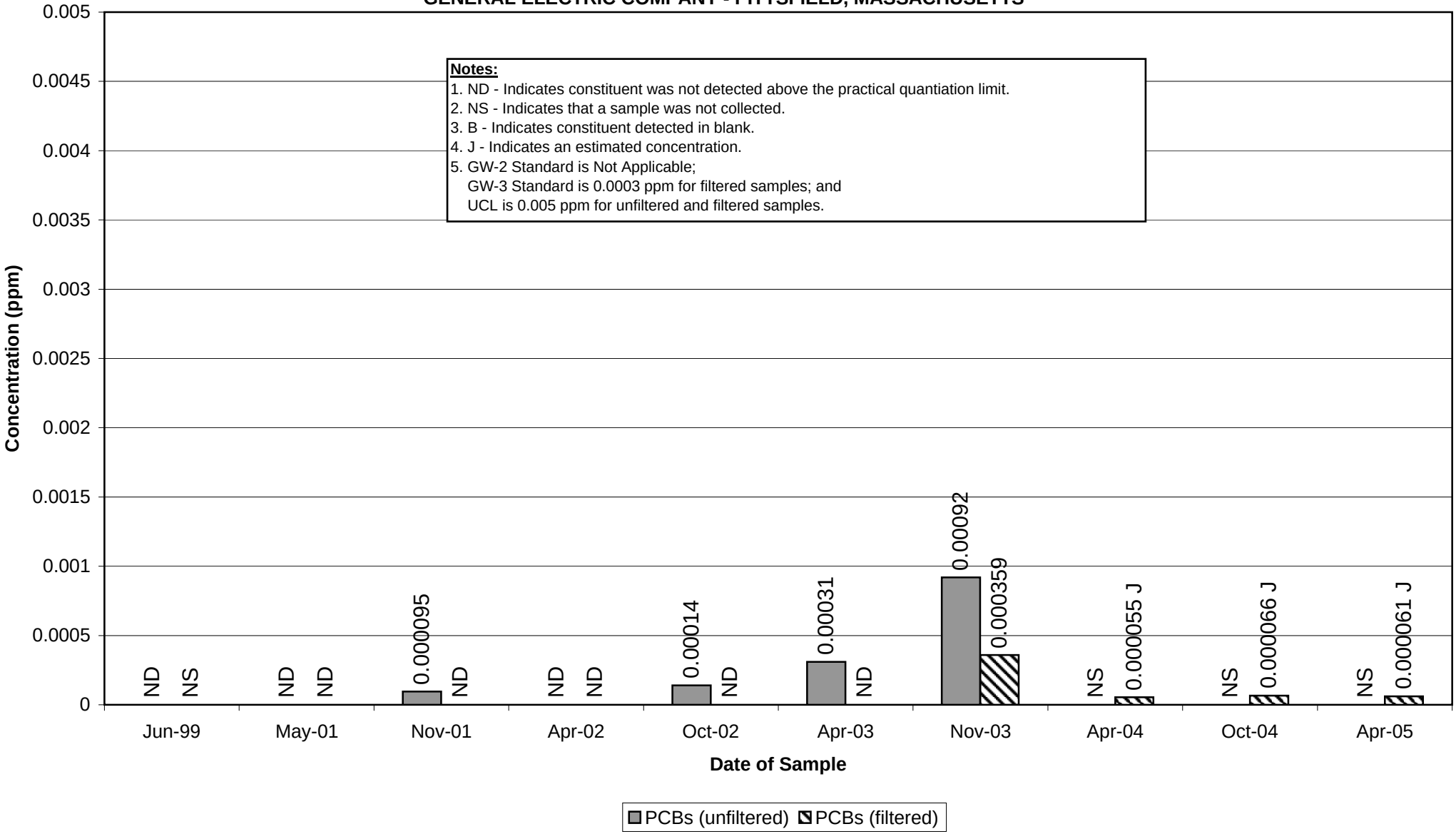
APPENDIX B
WELL OPCA-MW-8 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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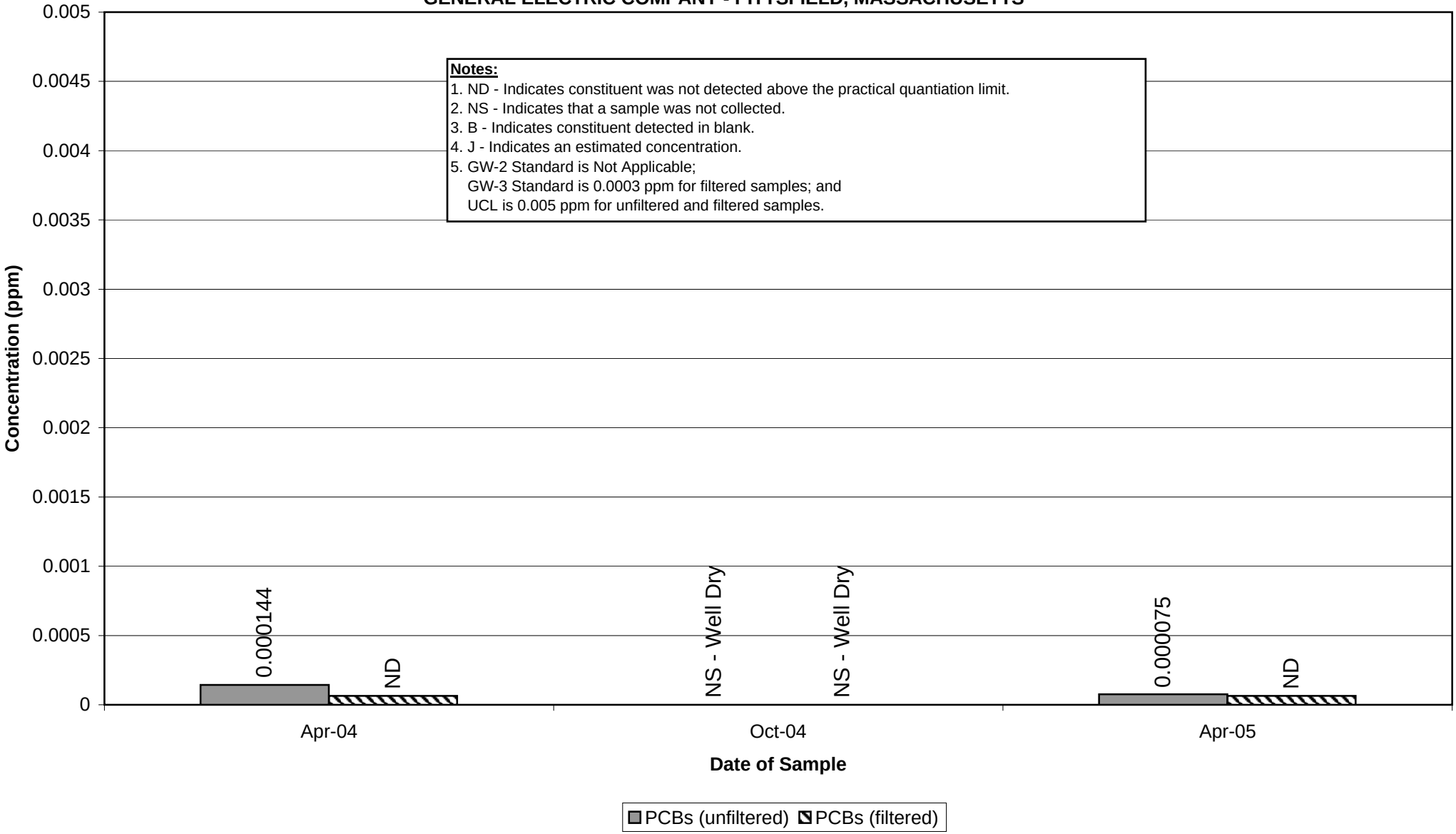
APPENDIX B
WELL UB-MW-5 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



9/1/2005

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Historical Groundwater Data

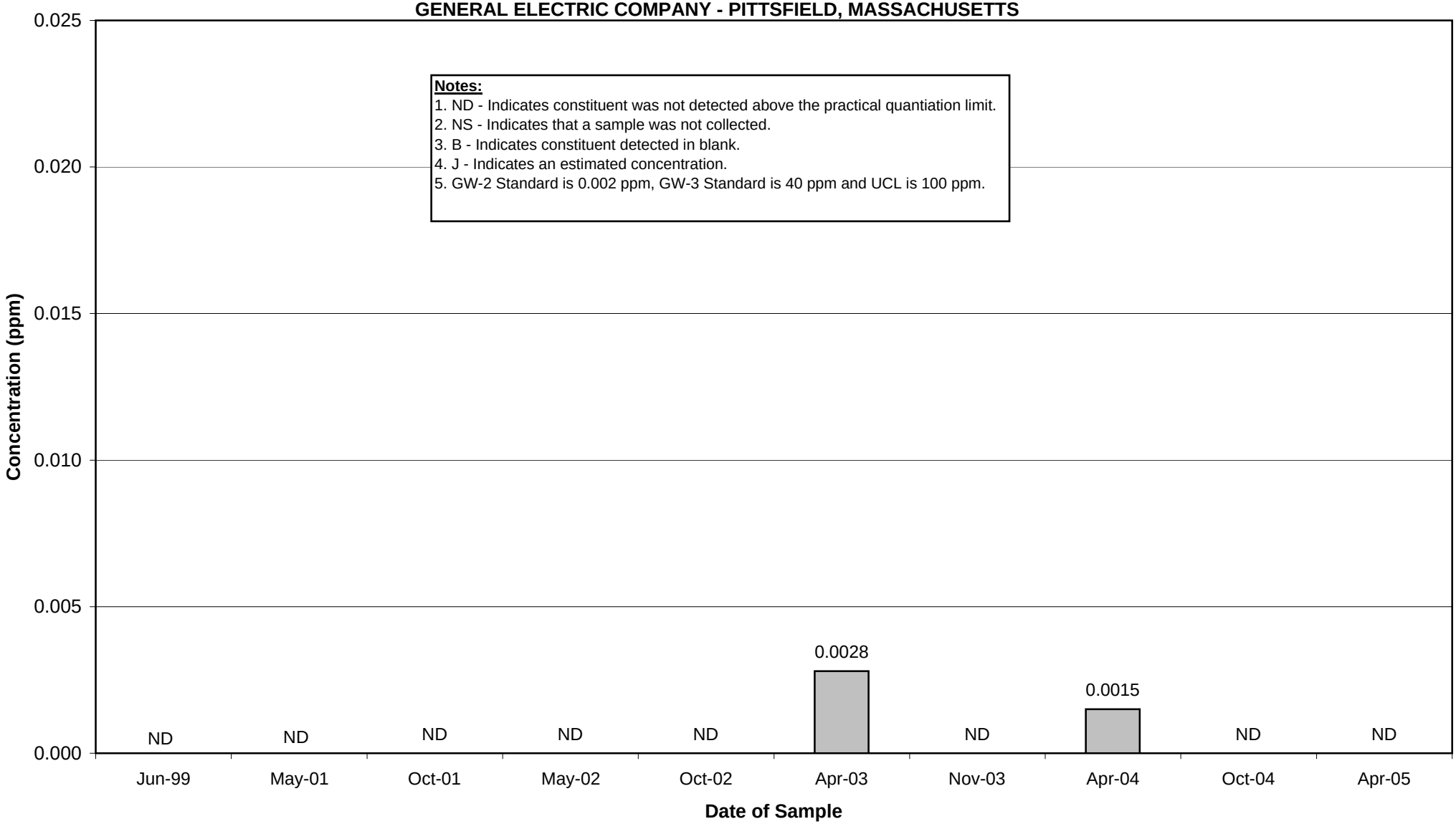
Vinyl Chloride Concentrations – Selected Wells

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



9/1/2005

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Historical Groundwater Data

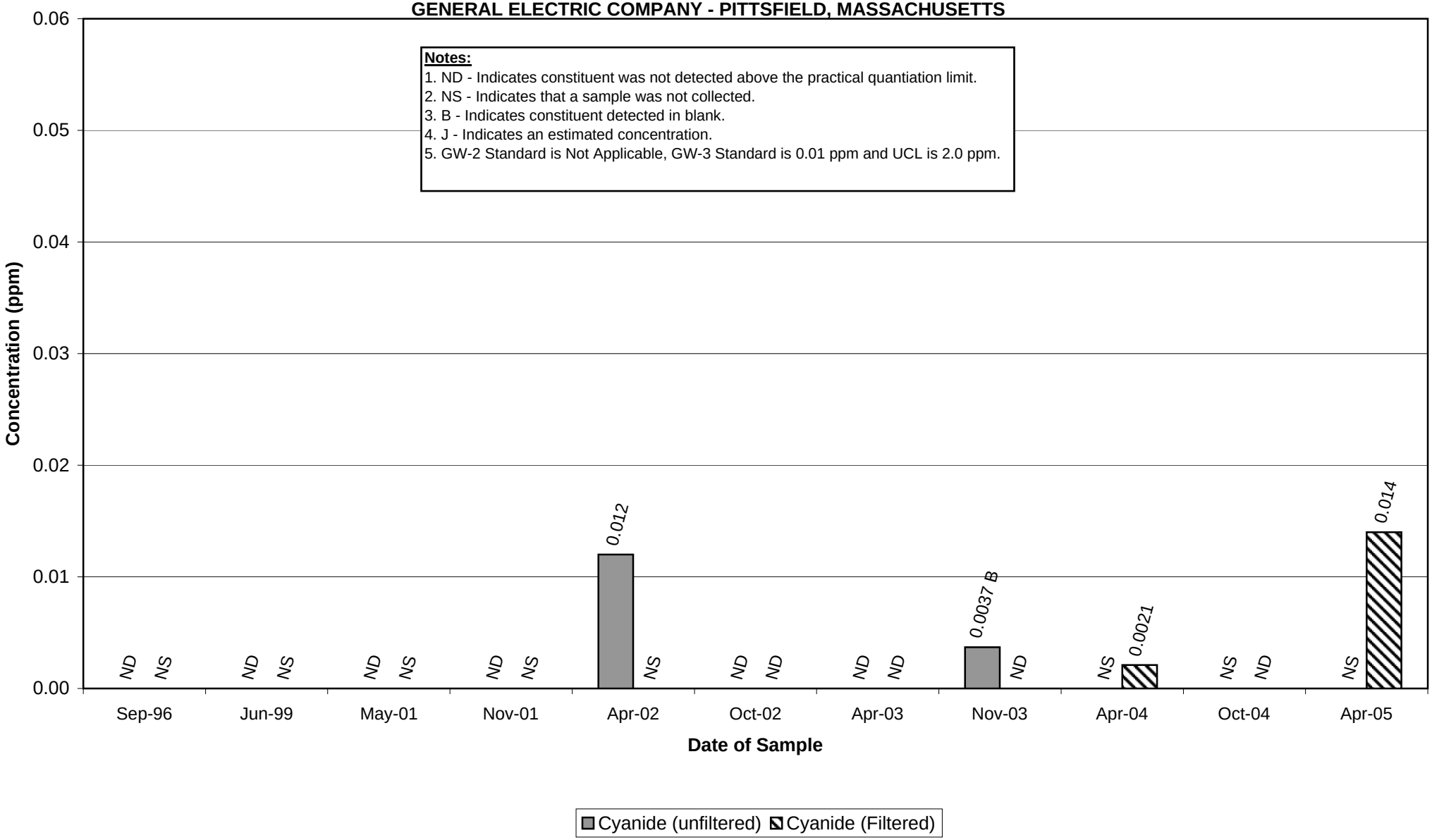
Cyanide Concentrations – Selected Wells

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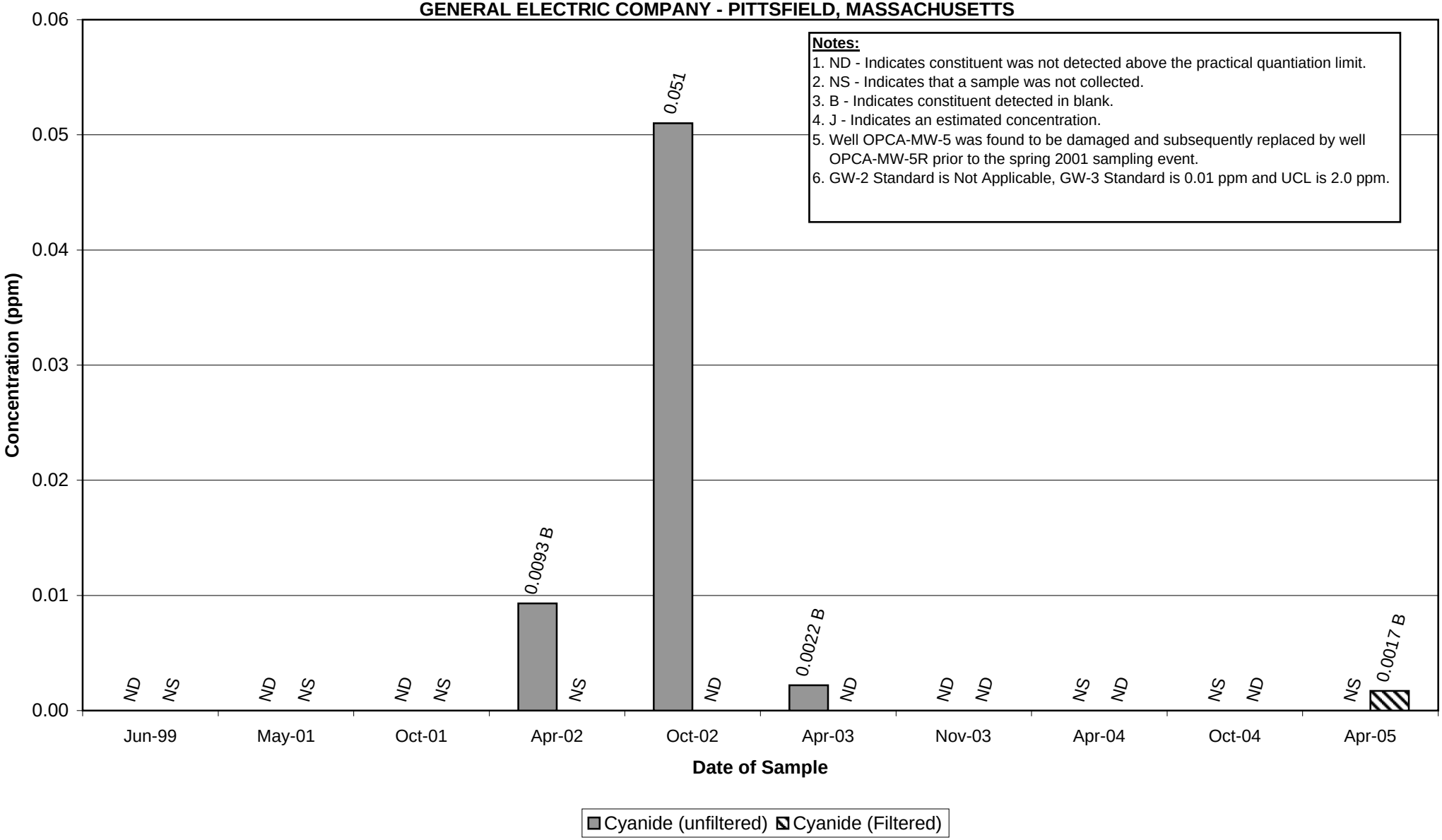
APPENDIX B
WELL OPCA-MW-5 & OPCA-MW-5R HISTORICAL CYANIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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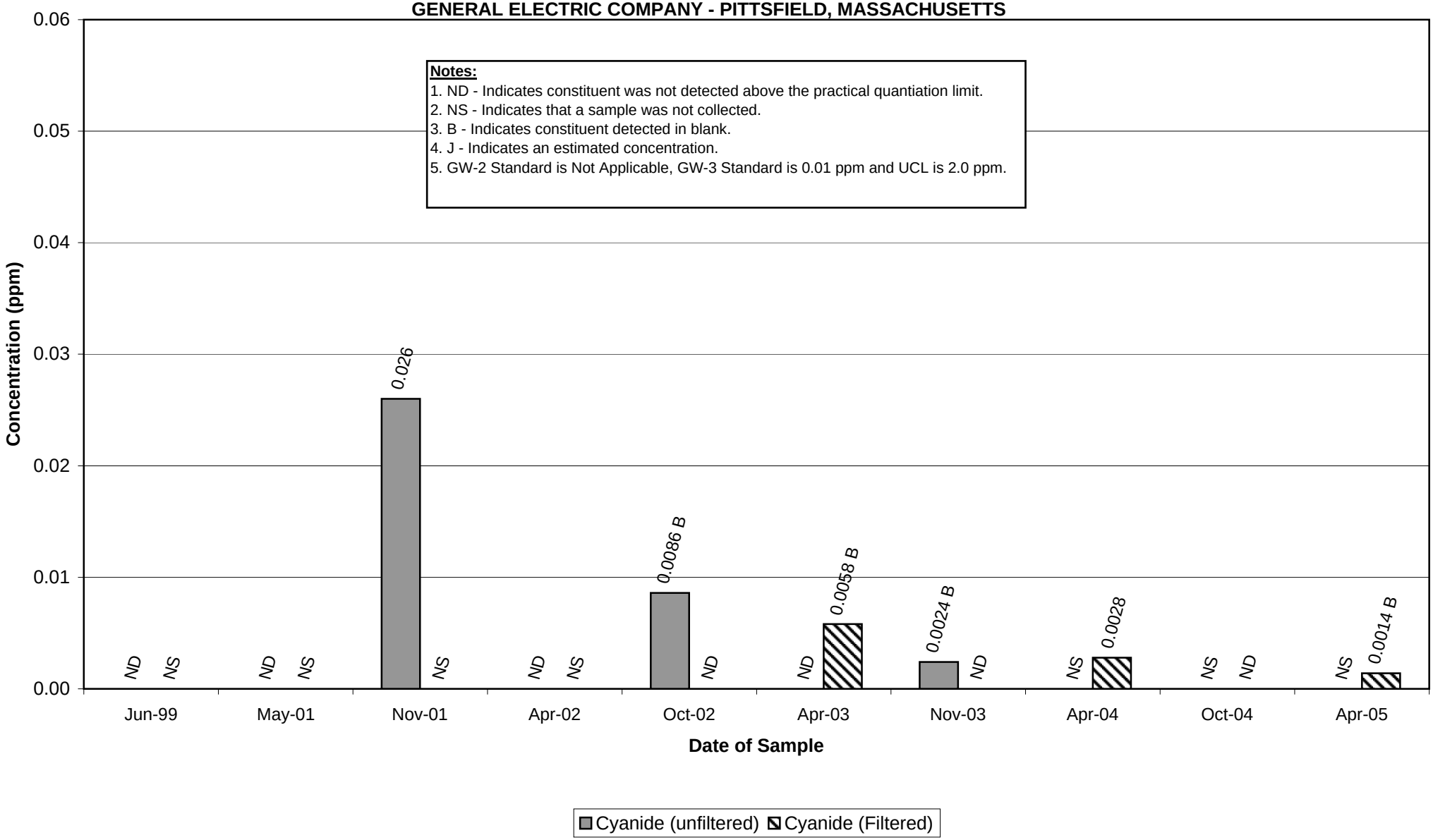
APPENDIX B
WELL OPCA-MW-8 HISTORICAL CYANIDE CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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Appendix 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 SPRING 2004
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 SPRING 2004
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results in ppm)

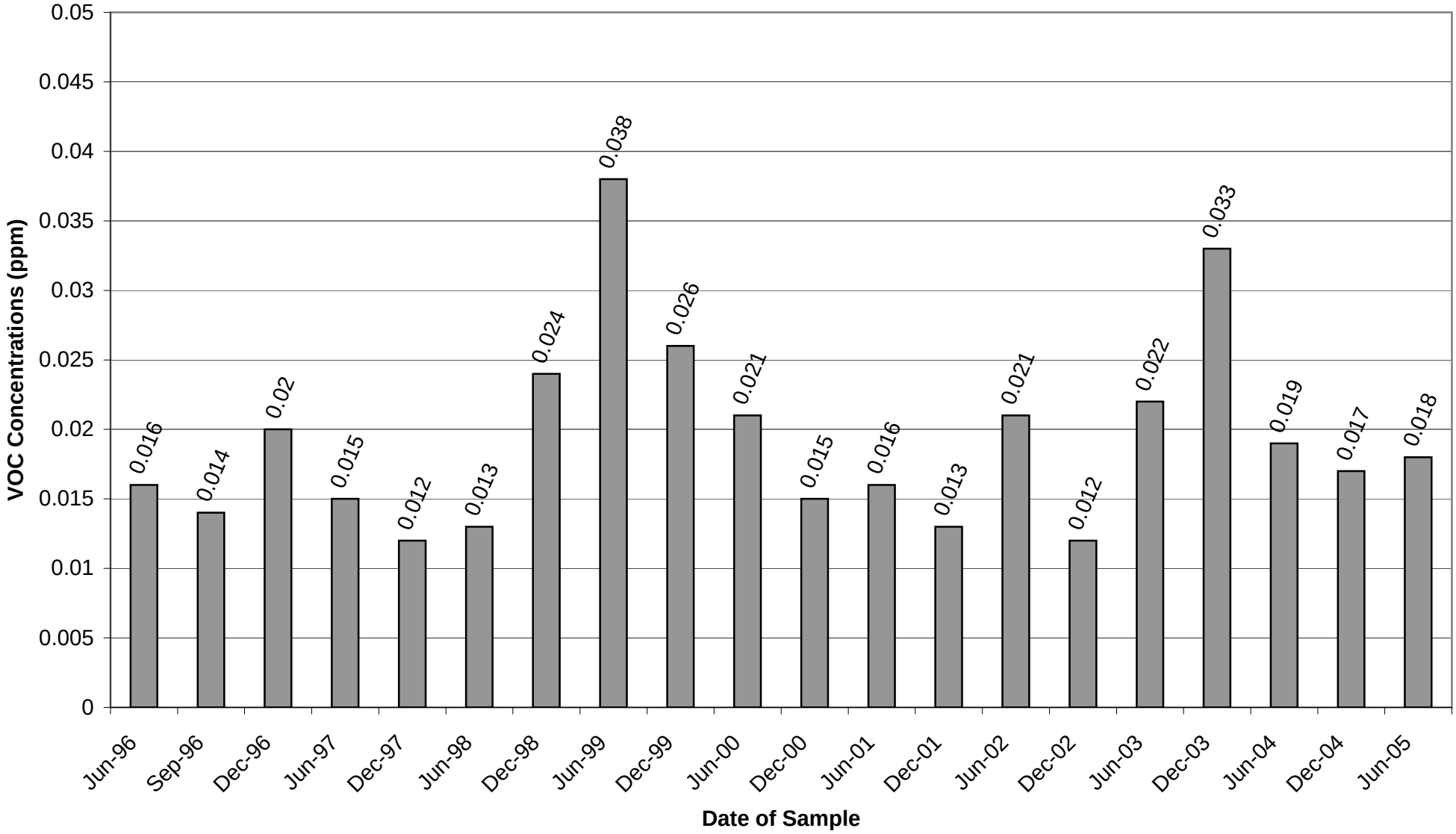
Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 12/6/02	ASW-5 6/2/03	ASW-5 12/1/03	ASW-5 6/7/04	ASW-5 12/13/04	ASW-5 6/7/05
Volatile Organics								
1,2 - Dichloroethene (total)	None	None	--	--	--	--	--	--
Acetone	50	100	--	--	0.017	--	--	--
Methylene chloride	50	100	--	--	--	--	--	--
Trichloroethene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

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

APPENDIX C

SUMMARY OF PITTSFIELD GENERATING COMPANY GROUNDWATER DATA
WELL ASW-5 HISTORICAL TOTAL VOC CONCENTRATIONS

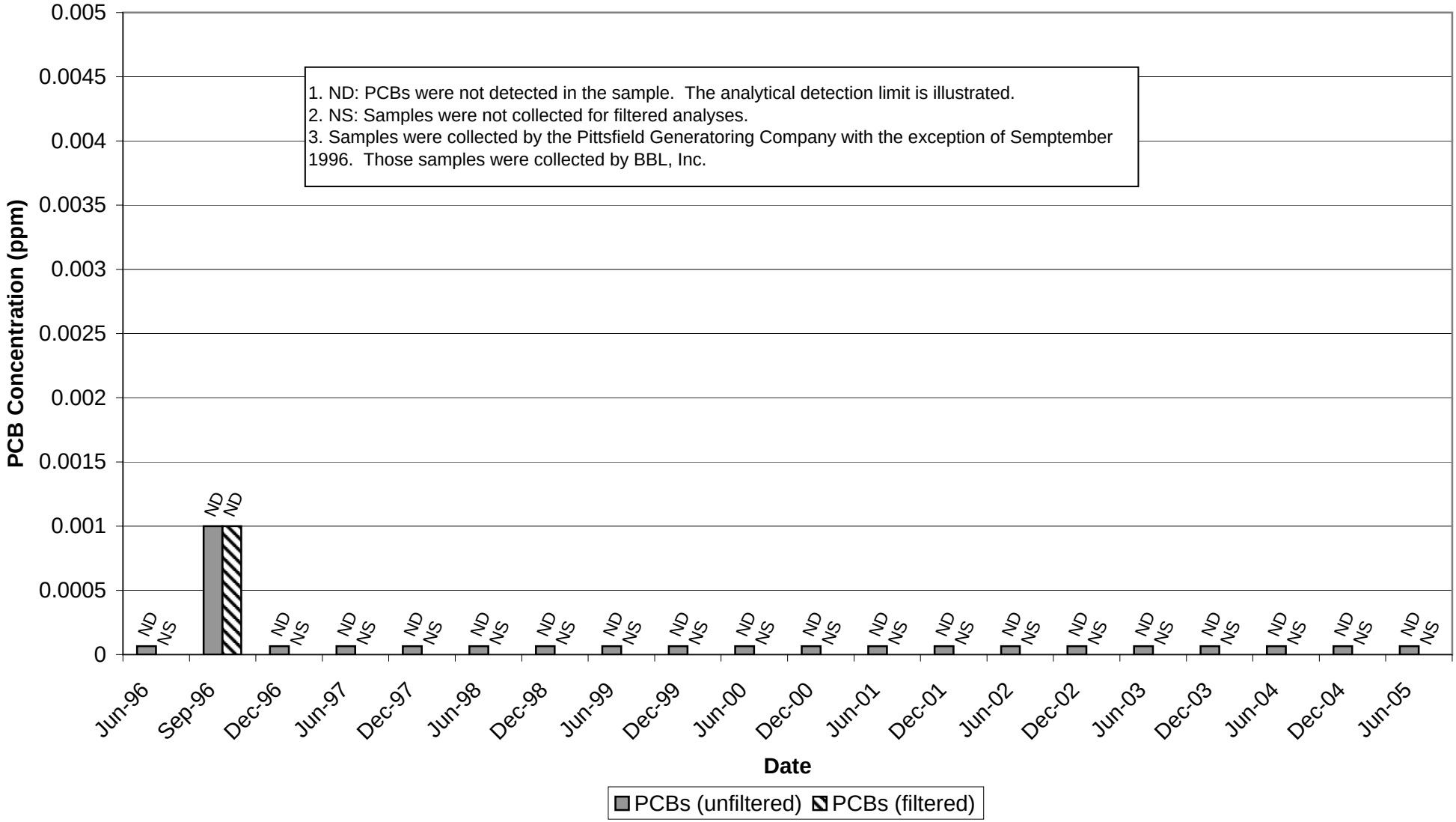
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



APPENDIX C

SUMMARY OF PITTSFIELD GENERATING COMPANY GROUNDWATER DATA
WELL ASW-5 HISTORICAL TOTAL PCB CONCENTRATIONS

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS



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Appendix D

Field Sampling Data

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 SPRING 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	
78-1	PP/BA	PP	PP	PP	PP	PP	PP	Fall 2002: Water became more turbid during sample collection.
78-6	PP	PP	PP	PP	PP	PP	PP	Fall 2002: PCDD/F sample bottle was damaged during shipment (re-collected next day).
GMA4-5	NS	NS	NS	BP	BP	BP	BP	Spring 2005: Additional samples collected as part of quarterly monitoring program for Commercial Street ACO Site Investigation.
								Fall 2004: Additional samples collected as part of quarterly monitoring program for Commercial Street ACO Site Investigation.
								Spring 2004: Additional samples collected as part of quarterly monitoring program for Commercial Street ACO Site Investigation.
								Fall 2003: Well added to GMA 4 monitoring program in fall 2003.
H78B-13/ H78B-13R	PP	NS	PP	PP	PP	PP	PP	Fall 2003: Faint petroleum odor encountered while purging.
								Spring 2003: This well was installed and developed prior to the spring 2003 sampling event. This well replaces well H78B-13.
								Fall 2002: Well H78B-13 obstructed - no sample collected (Well H78B-13R installed after sampling).
								Spring 2002: Well dried during sampling and did not recharge, only partial sample set collected.
H78B-15	PP/BA	BP	PP	PP	PP	PP	PP	Fall 2002: Turbidity meter malfunction. Samples visually clear.
OPCA-MW-1	PP/BA	BP	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	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	
OPCA-MW-4	PP	BP	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	Fall 2002: Well dried during purging. Sample collected after recharge.
OPCA-MW-6	PP/BA	PP	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	Fall 2002: Well dry - no sample collected.
OPCA-MW-8	BP	BP	BP	BP	BP	BP	BP	
UB-MW-5	NS	NS	NS	NS	PP	NS	PP	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.

TABLE D-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

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

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
6. RFP - Removed From Program

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel JAP/AES
Date (GP) 4/4/05
Weather Overcast, Rainy, Low 40's

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~0.55' Meas. From BGS
Well Diameter 4"
Screen Interval Depth 8-23" Meas. From BGS
Water Table Depth 6.70' Meas. From TIC
Well Depth 20.65' Meas. From TIC
Length of Water Column 13.95'
Volume of Water in Well
Intake Depth of Pump/Tubing ~12' 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 1112
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)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) cyanide + sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1004
Pump Stop Time
Minutes of Pumping
Volume of Water Removed ~4.1 gal
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: HACH TURBIDMETER 02100023323
YSI 556 MPS 03C1461 (#3)

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]*
1006	KST	0.0529	6.75	—	—	—	11	—	—
1014	125	0.3175	6.84	7.67	~~9.67~~	0.445	4	39.07	334.2
1019	125	0.4828	6.91	7.35	5.15	0.446	3	10.73	337.1
1024	125	0.6481	7.00	7.24	5.39	0.446	6	10.02	326.4
1029	125	0.8134	7.05	7.16	5.73	0.447	3	9.89	311.3
1034	125	0.9787	7.11	7.03	6.11	0.447	8	9.74	288.7
1039	125	1.1440	7.19	7.03	6.36	0.447	5	9.73	271.9
1044	125	1.3093	7.25	7.04	6.64	0.447	4	9.70	255.6
1049	125	~~1.4746~~	7.29	7.00	6.71	0.447	3	9.63	250.0
1050	125	~~1.6399~~	7.30	6.98	6.86	0.447	3	9.63	240.6
1053	125	~~1.80~~	7.35	7.04	6.96	0.447	3	9.62	232.8
1056	125	1.9661	7.38	7.03	7.06	0.447	3	9.66	226.9

pH 5.37
1.4085
1.5077
1.6069

* 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 in color, slightly turbid, no odor.

SAMPLE DESTINATION

Laboratory:
Delivered Via:
Airbill #:

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel JAP/AES
Date 4/4/05
Weather Rainy, High 30's, Low 40's

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point _____ Meas. From _____
Well Diameter _____
Screen Interval Depth _____ Meas. From _____
Water Table Depth _____ Meas. From _____
Well Depth _____ Meas. From _____
Length of Water Column _____
Volume of Water in Well _____
Intake Depth of Pump/Tubing _____ Meas. From _____

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

Redevelop? Y N

Sample Time 1102
Sample ID _____
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)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

See Page 1

EVACUATION INFORMATION

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

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: _____
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]*
1059	125	1.8053	9.40	7.05	7.12	0.447	3	9.60	220.8
1102	125	1.9045	7.45	7.09	7.26	0.446	3	9.64	212.2
1105	125	2.0037	9.47	7.06	7.27	0.446	3	9.51	210.5
1108	125	2.1029	9.48	7.03	7.29	0.446	3	9.50	209.1
1111	125	2.2021	9.51	7.04	7.35	0.446	3	9.56	205.6

* 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 • Final purge: Clear, colorless, odorless

SAMPLE DESTINATION

Laboratory: _____
Delivered Via: _____
Airbill #: _____

Field Sampling Coordinator: _____

GROUNDWATER SAMPLING LOG

Well No. TB-6
Key No. —
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 4
Sampling Personnel RT, KPM
Date 4/1/05
Weather Cloudy 40°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.35' Meas. From Ground
Well Diameter 4"
Screen Interval Depth 3-18' Meas. From TIC Ground
Water Table Depth 5.21 Meas. From TIC
Well Depth 17.40 Meas. From TIC
Length of Water Column 12.19'
Volume of Water in Well 7.96 gallons
Intake Depth of Pump/Tubing 11.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 1115
Sample ID TB-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)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 0955
Pump Stop Time 1220
Minutes of Pumping 85
Volume of Water Removed 2.3
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- 556MPS
Hach 2100P Turbidimeter

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1000	100	0.5	5.38	—	—	—	26	—	—
1005	100	0.8	5.40	—	—	—	24	—	—
1010	100	1	5.42	5.19	6.69	2.549	151	5.78	82.7
*1015	100	1.5	5.40	5.37	6.89	2.541	28	5.14	25.9
1030	100	1.8	5.50	5.45	6.87	2.560	39	5.12	26.1
1035	100	2	5.52	5.58	6.88	2.559	42	5.10	26.6
Δ 1040	60	2.3	5.52	5.61	6.89	2.561	37	5.18	26.5
1045	60	2.5	5.52	5.65	6.92	2.564	37	5.35	24.0
1055	60	2.8	5.52	5.80	6.92	2.566	34	5.29	23.7
1058	60	2.9	5.52	5.77	6.88	2.566	35	5.29	20.7
1102	60	3	5.52	5.71	6.91	2.563	34	5.23	20.9

* 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

No odor/sheen in initial purge SI. turbid
* Pumped dry then off to clear turbidity (Flocculent iron).
Δ lowered rate to ↓ turbidity
final WL = 5.75' bgs

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: Greg Rabasco

C:\Documents and Settings\jap\Local Settings\Temp\MXLibDir\554199 Attachment D-2.xls

GROUNDWATER SAMPLING LOG

Well No. GMA4-5
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name Commercial Street
Sampling Personnel JAP/AES
Date 3/31/05
Weather Sunny, Breezy, High 40's

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~ -0.35' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 8-18' Meas. From BGS
Water Table Depth 11.10' Meas. From TIC
Well Depth 18.19' Meas. From TIC
Length of Water Column 7.09'
Volume of Water in Well 1.16 gal
Intake Depth of Pump/Tubing 14.6' Meas. From TIC

Sample Time 1010
Sample ID GMA4-5
Duplicate ID —
MS/MSD —
Split Sample ID —

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

Redevelop? Y (N)

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

EVACUATION INFORMATION

Pump Start Time 845
Pump Stop Time 1115
Minutes of Pumping 150
Volume of Water Removed ~3.4 gal
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: HACH TURBIDMETER 0202 00025376 / YSI MPS 556 03M0230 (#4)

Time	Pump Rate (ml/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
846	175	—	11.32	—	—	—	121	—	—
851	100	0.1786	11.17	—	—	—	191	—	—
856	75	0.2778	11.17	—	—	—	145	—	—
901	100	0.4101	11.17	—	—	—	101	—	—
906	100	0.5424	11.17	—	—	—	106	—	—
911	100	0.6747	11.17	—	—	—	66	—	—
916	100	0.8070	11.17	—	—	—	43	—	—
926	50	0.9393	11.15	8.25	6.43	1.457	26	6.51	163.4
931	50	1.0054	11.18	8.18	6.91	1.469	26	1.38	147.6
936	75	1.0446	11.18	8.14	6.81	1.479	17	1.09	97.2
941	100	1.2369	11.18	8.22	6.70	1.507	14	1.30	103.9
946	100	1.3692	11.18	8.26	6.71	1.538	11	1.51	99.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS Initial Purge: Slightly yellow in color, turbid w/ reddish brown particles & no odor.

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. GMA4-5
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name Commercial Street
Sampling Personnel AES/JAP
Date 3/3/05
Weather Sunny, Breezy, 40's (°F)

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point ______ Meas. From ______
Well Diameter ______
Screen Interval Depth ______ Meas. From ______
Water Table Depth ______ Meas. From ______
Well Depth ______ Meas. From ______
Length of Water Column ______
Volume of Water in Well ______
Intake Depth of Pump/Tubing ______ Meas. From ______

Sample Time 1010
Sample ID GMA4-5
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)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

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

Redevelop? Y N

See Page 1

EVACUATION INFORMATION

Pump Start Time ______
Pump Stop Time ______
Minutes of Pumping ______
Volume of Water Removed ______
Did Well Go Dry? Y N

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: ______
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]*
951	100	1.5015	11.18	8.35	6.73	1.578	9	1.82	89.6
956	100	1.6338	11.18	8.40	6.73	1.615	6	1.74	88.7
1001	100	1.7661	11.18	8.46	6.74	1.648	5	1.69	84.8
1004	100	1.8984	11.18	8.44	6.76	1.665	4	1.69	80.9
1007	100	2.0307	11.18	8.45	6.75	1.676	4	1.66	80.2

* 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 • Final Purge: Clear, colorless, odorless

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 478B-13R
Key No. —
PID Background (ppm) — 0.0
Well Headspace (ppm) — 0.0

Site/GMA Name GMA-4
Sampling Personnel JAP/AES
Date 4/1/05
Weather Overcast, Cold (High 30's)

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~ -0.4' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 5-20' Meas. From BGS
Water Table Depth 9.5' Meas. From TIC
Well Depth 20.0' Meas. From TIC
Length of Water Column 9.5'
Volume of Water in Well 1.55 gal
Intake Depth of Pump/Tubing ~15' 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 1112
Sample ID 478B-13R
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time ~~1018~~ 1031
Pump Stop Time 1128
Minutes of Pumping 57
Volume of Water Removed 1.516 gal
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: HACH TURBIDMETER 02070000253760
YSI 556 MPS 03C14161 (#3)

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]*
1032	100	0.0265	9.55	—	—	—	20	—	—
1039	100	0.2117	9.60	7.67	7.166	1.171	JP 44→20	13.72	-17.0
1044	100	0.3440	9.60	7.82	5.85	1.182	19	1.69	-20.6
1049	100	0.4763	9.60	7.71	6.22	1.206	16	0.91	-49.9
1054	100	0.60086	9.60	9.72	6.27	1.208	15	0.82	-43.6
1059	100	0.7409	9.60	7.64	6.36	1.210	14	0.75	-59.0
1104	100	0.8732	9.60	7.46	6.46	1.213	14	0.67	-65.4
1107	100	0.9526	9.60	7.43	6.50	1.212	14	0.64	-68.1
1110	100	1.0320	9.60	7.45	6.53	1.209	14	0.62	-71.1

* 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: Slightly turbid, slightly yellow in color, moderate odor.
- FINAL PURGE: CLEAR, SLIGHT ODOR

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

C:\Documents and Settings\jap\Local Settings\Temp\MXLibDir\554199 Attachment D-2.xls

GROUNDWATER SAMPLING LOG

Well No. H78B-15
Key No. ____
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA-4
Sampling Personnel KPM / Eric ERR
Date 4/14/05
Weather cloudy, sprinkles 40°F

Sample Time 1555
Sample ID H78B-15
Duplicate ID ____
MS/MSD ____
Split Sample ID ____

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +3.0' Meas. From Ground
Well Diameter 3/4
Screen Interval Depth 6-16' Meas. From Ground
Water Table Depth 13.60 Meas. From TIC
Well Depth 18.15 Meas. From TIC
Length of Water Column 4.55
Volume of Water in Well 0.10 gallon
Intake Depth of Pump/Tubing ~16.5 Meas. From TIC

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

Redevelop? Y (N)

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)	( )

EVACUATION INFORMATION

Pump Start Time 1511
Pump Stop Time 1655
Minutes of Pumping 104
Volume of Water Removed 1.8
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
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]*
1516	100	—	—	—	—	—	160	—	—
1520	100	—	—	—	—	—	12	—	—
1525	100	0.8	—	6.35	6.46	1.860	6	12.57	258.6
1530	100	0.9	—	6.27	6.43	1.883	4	11.77	257.7
1535	100	1.0	—	6.18	6.46	1.900	2	10.89	260.1
1540	100	1.1	—	6.17	6.46	1.848	1	10.66	260.1
1545	100	1.2	—	6.22	6.46	1.895	2	10.62	259.5
1550	100	1.3	—	6.15	6.46	1.898	1	10.57	258.0

* 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 SI. Cloudy, no odor, No room for WL probe

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-1
Key No. FX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-4
Sampling Personnel JAP / AES
Date 4/4/05
Weather Overcast, High 30's (°F)

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +2.5' Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 20.1-30.1' Meas. From BGS
Water Table Depth 6.93' Meas. From TIC
Well Depth 32.64' Meas. From TIC
Length of Water Column 25.71'
Volume of Water in Well ~4.2 gal
Intake Depth of Pump/Tubing ~16' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 1520
Sample ID OPCA-MW-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)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) Cyanide + Sulfide	(X)

EVACUATION INFORMATION (JP)

Pump Start Time 1318 1418
Pump Stop Time 1708
Minutes of Pumping 170
Volume of Water Removed 295 gal
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: HACH TURBIDMETER
YSI 556 MPS 03C1461 (#3)

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]*
1419	150	0.0397	7.23	—	—	—	3	—	—
* 1427	150	0.3572	8.20	6.47	*	0.462	3	4.23	227.1
1445	100	0.3572	8.98	6.46	6.61	0.465	1	5.14	291.2
1450	100	0.4895	9.37	5.75	6.63	0.4107	1	4.26	283.2
1455	100	0.6218	10.00	5.95	6.78	0.4107	2	3.36	274.3
1500	75	0.7210	10.48	6.01	6.916	0.4109	2	3.05	264.2
1505	75	0.8202	10.89	5.89	7.08	0.469	1	3.02	258.0
1510	75	0.9194	11.19	6.07	7.23	0.469	2	2.87	251.0
1515	75	1.0186	11.52	6.10	7.29	0.469	2	2.84	246.2
1518	75	1.0781	11.70	6.17	7.31	0.469	2	2.81	244.7
1708			18.13	← Final water level reading; lowered pump ~0.3' near end of sampling					

* 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: clear, colorless, odorless

* pH reading was (JP) -9.99, steady. Stopped pump, examined YSI. Brought it into truck to dry out. pH reading correctly again. Restarted pump @ 1445

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

C:\Documents and Settings\jap\Local Settings\Temp\MXLibDir\554199 Attachment D-2.xls

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-2
Key No. FX-37
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/5/05
Weather Mostly sunny, 50-55°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +2.30' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 13'-23' Meas. From Ground
Water Table Depth 16.19' Meas. From TIC
Well Depth 25.32' Meas. From TIC
Length of Water Column 9.13'
Volume of Water in Well 1.49 gallon
Intake Depth of Pump/Tubing 20.8' 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 15:40
Sample ID OPCA-MW-2
Duplicate ID —
MS/MSD Collected Here
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)	( )

EVACUATION INFORMATION

Pump Start Time 14:55
Pump Stop Time [redacted]19:15
Minutes of Pumping 260
Volume of Water Removed 6.8 gallons
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI-556MPS-03M0280AC
Hach 2100P-Turbidimeter-02020000253376

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]*
15:00	100ml	0.13	16.24	—	—	—	5	—	—
15:15	100ml	0.53	16.28	10.42	6.74	0.739	5	5.90	194.4
15:20	100ml	0.66	16.26	10.17	6.75	0.735	3	3.79	195.8
15:25	100ml	0.79	16.27	10.05	6.76	0.724	3	3.93	195.8
15:30	100ml	0.93	16.28	9.97	6.77	0.720	2	4.01	196.2
15:35	100ml	1.06	16.29	10.04	6.78	0.716	2	4.11	196.3
15:40	100ml	1.19	16.28	10.06	6.77	0.714	1	4.11	197.0

* 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, odorless
Final Purge: Clear, odorless

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-3
Key No. NA
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/5/05
Weather Mostly sunny, 45-50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.55' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 18'-28' Meas. From Ground
Water Table Depth 18.59' Meas. From TIC
Well Depth 27.41' Meas. From TIC
Length of Water Column 8.82
Volume of Water in Well 1.44 gallons
Intake Depth of Pump/Tubing 23' 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 12:20
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)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 10:40
Pump Stop Time 13:30
Minutes of Pumping 170
Volume of Water Removed 4.50 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
10:45	100ml	0.13	18.73	—	—	—	42	—	—
10:50	100ml	0.26	18.78	—	—	—	65	—	—
11:00	100ml	0.53	18.78	—	—	—	41	—	—
11:10	100ml	0.79	18.80	11.25	6.60	0.757	25	9.60	184.4
11:15	100ml	0.93	18.83	10.30	6.54	0.744	33	0.85	169.8
11:20	100ml	1.06	18.88	10.43	6.58	0.744	24	0.62	160.2
11:25	100ml	1.19	18.91	10.39	6.57	0.746	19	0.53	160.0
11:30	100ml	1.32	18.93	10.44	6.58	0.746	18	0.45	161.3
11:35	100ml	1.46	18.95	10.47	6.57	0.745	16	0.43	164.4
11:40	100ml	1.59	18.97	10.55	6.57	0.745	12	0.39	167.9
11:45	100ml	1.72	18.98	10.62	6.57	0.745	11	0.34	169.8
11:50	100ml	1.85	19.00	10.48	6.58	0.746	10	0.32	172.3

* 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

Initial Purge: Clear, a few orange-brown particles
Final Purge: Clear, odorless

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-3
Key No. NA
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/5/05
Weather Mostly sunny, 45°-50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.55' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 18'-28' Meas. From Ground
Water Table Depth 18.59' Meas. From TIC
Well Depth 27.41' Meas. From TIC
Length of Water Column 8.82'
Volume of Water in Well 1.44 gallons
Intake Depth of Pump/Tubing 23' 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 12:20
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)
( )	PCBs (Total)	( )
(X)	PCBs (Dissolved)	(X)
( )	Metals/Inorganics (Total)	( )
(X)	Metals/Inorganics (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 10:40
Pump Stop Time 13:30
Minutes of Pumping 170
Volume of Water Removed 4.50 gallons
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS - 03M0230 AC
Hach 2100P Turbidimeter - 020200025376

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]*
11:55	100ml	1.98	19.02	10.69	6.57	0.744	8	0.31	174.3
12:00	100ml	2.12	19.04	10.63	6.53	0.745	7	0.34	186.5
12:05	100ml	2.25	19.04	10.53	6.57	0.746	6	0.34	185.3
12:10	100ml	2.38	19.08	10.40	6.58	0.746	5	0.34	182.5
12:15	100ml	2.51	19.08	10.35	6.59	0.746	5	0.38	180.1

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel JA/AES
Date 4/5/05
Weather SUNNY, 40°F, WINDY

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~-0.6' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 12-22' Meas. From BGS
Water Table Depth 11.40' Meas. From TIC
Well Depth 21.51' Meas. From TIC
Length of Water Column 10.11'
Volume of Water in Well 1.65 gal
Intake Depth of Pump/Tubing 17' Meas. From TIC

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

Redevelop? Y (N)

Sample Time (GP) 1350 1355
Sample ID OPCA-MW-4
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	( )
(X)	Other (Specify) Cyanide (filtered) + sulfide	(X)
(X)		

EVACUATION INFORMATION

Pump Start Time 1238
Pump Stop Time 1650
Minutes of Pumping 252
Volume of Water Removed 25.7 gal
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: geopump2
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: HACH TURBIDMETER 021000028323
YSI 556 MPS 06C0392 (#2)

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1240	100	0.0529	11.58	—	—	—	22	—	—
1249	100	0.2910	11.72	7.70	6.80	3.767	3	11.23	245.8
1254	100	0.4233	11.76	7.63	6.64	3.781	2	2.45	249.1
1259	100	0.5556	11.79	7.47	6.81	3.791	2	1.93	246.3
1304	100	0.1879	11.86	7.40	6.82	3.789	2	1.47	244.9
1309	100	0.8202	11.94	7.33	6.80	3.781	2	1.24	243.6
1312	100	0.8996	11.99	7.37	6.84	3.683	2	1.16	242.3
1315	100	0.9790	12.05	7.30	6.83	3.632	2	1.27	241.3
1318	100	1.0584	12.05	7.30	6.82	3.545	2	1.33	241.0
1321	100	1.1378	12.07	7.27	6.83	3.426	2	1.46	238.9
1324	100	1.2172	12.10	7.20	6.81	3.254	2	1.61	240.3
1327	100	1.2966	12.12	7.14	6.82	3.013	2	1.71	236.9

* 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 • INITIAL PURGE: Clear in color, slightly turbid w/brown particles, no odor
• FINAL (GP)

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel JAP/AES
Date 4/5/05
Weather SUNNY, 40°F, WINDY

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point _____ Meas. From _____
Well Diameter _____
Screen Interval Depth _____ Meas. From _____
Water Table Depth _____ Meas. From _____
Well Depth _____ Meas. From _____
Length of Water Column _____
Volume of Water in Well _____
Intake Depth of Pump/Tubing _____ Meas. From _____

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
( )	VOCs (Std. list)	( )
( )	VOCs (Exp. list)	( )
( )	SVOCs	( )
( )	PCBs (Total)	( )
( )	PCBs (Dissolved)	( )
( )	Metals/Inorganics (Total)	( )
( )	Metals/Inorganics (Dissolved)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

See Page 1

EVACUATION INFORMATION

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

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

Water Quality Meter Type(s) / Serial Numbers: _____

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1330	100	1.3760	12.17	7.20	6.80	2.983	2	1.69	238.0
1333	100	1.4554	12.19	7.14	6.81	2.777	2	1.92	235.9
1336	100	1.5348	12.21	7.06	6.81	2.565	2	1.94	235.2
1339	100	1.6142	12.25	7.03	6.81	2.511	2	1.98	232.7
1342	100	1.6936	12.26	7.05	6.83	2.460	2	2.01	232.4
1345	100	1.7730	12.29	7.07	6.82	2.404	2	2.08	231.8
1348	100	1.8524	12.31	7.03	6.82	2.386	2	1.99	230.9
1351	100	1.9318	12.33	7.10	6.82	2.361	2	1.96	235.6

* 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 * FINAL PURGE: CLEAR, COLORLESS, ODORLESS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: _____

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-5R
Key No. —
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel JMP/AES
Date 4/6/05
Weather Partly Cloudy, Low 40's

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~-0.45' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 11.25-21.25' Meas. From BGS
Water Table Depth 10.41' Meas. From TIC
Well Depth 21.65' Meas. From TIC
Length of Water Column 11.24'
Volume of Water in Well 1.83 gal
Intake Depth of Pump/Tubing ~16.3' 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 823
Pump Stop Time 1029
Minutes of Pumping 126
Volume of Water Removed ~3.2 gal
Did Well Go Dry? Y (N)

Sample Time 915
Sample ID OPCA-MW-5R
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	( )
(X)	Other (Specify) Cyanide (filtered)	(X)
(X)	Sulfide	(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: HACH TURBIDMETER 02100028323
YSI 556 MPS 03C0392 (#2)

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]*
824	100	0.0265	10.48	—	—	—	40	—	—
831	100	0.2116	10.70	6.79	6.49	1.068	42	8.66	24.6
836	100	0.3439	10.75	6.55	6.49	1.068	31	3.35	3.1
841	100	0.4762	10.80	6.46	6.51	1.078	21	2.04	-3.3
846	100	0.6085	10.85	6.48	6.50	1.092	18	2.12	-6.7
851	100	0.7408	10.89	6.64	6.51	1.100	21	1.38	-8.6
856	100	0.8731	10.93	6.63	6.51	1.109	21	1.08	-9.7
901	100	1.0054	10.99	6.69	6.52	1.119	17	0.93	-11.3
906	100	1.1377	11.00	6.66	6.52	1.122	15	0.92	-12.4
909	100	1.2171	11.00	6.65	6.52	1.123	15	0.89	-12.9
912	100	1.2965	11.30	6.66	6.53	1.125	14	0.84	-13.8

* 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

• INITIAL PURGE: Slightly cloudy (turbid) with a few brownish particles, no odor.
• FINAL PURGE: Slightly cloudy, no odor

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-6
Key No. NA
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/4/05
Weather Overcast, light rain, 40°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.60' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 15'-25' Meas. From Ground
Water Table Depth 15.13' Meas. From TIC
Well Depth 23.84' Meas. From TIC
Length of Water Column 8.71'
Volume of Water in Well 1.42 gallons
Intake Depth of Pump/Tubing 19.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 14:05
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)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 13:05
Pump Stop Time 15:20
Minutes of Pumping 135
Volume of Water Removed 3.50 gallons
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS: 03C0392 AE
Hach 2100P Turbidimeter: 0202000 25376

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]*
13:15	100ml	0.26	15.20	—	—	—	6	—	—
13:25	100ml	0.53	15.21	7.03	6.77	0.657	5	16.70	266.90
13:30	100ml	0.66	15.26	7.02	6.79	0.662	4	11.45	264.30
13:35	100ml	0.79	15.29	7.19	6.87	0.666	3	10.28	258.80
13:40	100ml	0.93	15.30	7.24	6.90	0.666	2	10.40	256.7
13:45	100ml	1.06	15.30	7.35	6.92	0.664	3	10.10	255.2
13:50	100ml	1.19	15.33	7.71	6.96	0.663	2	9.89	251.9
13:55	100ml	1.32	15.34	7.90	7.02	0.664	1	10.07	249.2
14:00	100ml	1.46	15.35	7.86	7.03	0.663	1	9.62	248.6
14:05	100ml	1.59	15.33	7.94	7.04	0.662	1	9.77	247.8

* 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

Initial Purge: Clear, odorless
Final Purge: Clear, odorless

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 JAP/AES
Date 4/6/05
Weather Sunny, 50's (°F)

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~ -0.6' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 14-24' Meas. From BGS
Water Table Depth 20.17' Meas. From TIC
Well Depth 23.67' Meas. From TIC
Length of Water Column 3.5'
Volume of Water in Well 0.57 gal
Intake Depth of Pump/Tubing 21.9' 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 1145
Sample ID OPCA-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)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify)	(X)
(X)	Cyanide (filtered) Sulfide	(X)

EVACUATION INFORMATION

Pump Start Time 1109
Pump Stop Time 1305
Minutes of Pumping 116
Volume of Water Removed ~2.7 gal
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: HACH TURBIDMETER 021000028323
YSI 556 MPS 03C0392

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1112	100	0.0529	20.31	—	—	—	6	—	—
1120 (SAP)	100	0.2645	20.57	12.88	7.01	1.000	3	17.63	183.6
1125	100	0.3968	20.70	12.51	6.97	0.990	3	5.32	179.6
1130	100	0.5291	20.86	12.37	6.97	0.988	3	5.18	173.2
1135	100	0.6614	21.03	12.52	7.00	0.983	3	5.06	152.0
1138	100	0.7408	21.09	12.165	6.95	0.981	2	5.07	154.6
1141	100	0.8202	21.20	12.666	6.96	0.980	2	5.10	155.1

* 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: Clear, colorless, odorless
- FINAL PURGE: Clear, colorless, odorless

**Note: water level dropped below intake depth during sampling; lowered tubing to keep sampling (~0.6')

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/6/05
Weather Cloudy, 55-60°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.40' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 13.5'-23.5' Meas. From Ground
Water Table Depth 6.83' Meas. From TIC
Well Depth 21.93' Meas. From TIC
Length of Water Column 15.1'
Volume of Water in Well 2.46 gallons
Intake Depth of Pump/Tubing 18.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 15:35
Sample ID OPCA-MW-8
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Std. list)	(X)
( )	VOCs (Exp. list)	( )
(X)	SVOCs	(X)
(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)	( )

EVACUATION INFORMATION

Pump Start Time 11:45
Pump Stop Time 16:45
Minutes of Pumping 300
Volume of Water Removed 8.0 gallons
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI-556 MPS : 03C1461 A1
Hach 2100P Turbidimeter: 021000028329

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]*
11:53	100ml	0.21	6.87	—	—	—	178	—	—
12:00	100ml	0.40	6.90	—	—	—	112	—	—
12:10	100ml	0.66	7.55	—	—	—	97	—	—
12:20	100ml	0.93	8.41	—	—	—	118	—	—
12:35	100ml	1.32	9.25	—	—	—	125	—	—
12:45	100ml	1.59	9.81	—	—	—	108	—	—
13:10	100ml	2.25	9.87	—	—	—	79	—	—
13:35	100ml	2.91	10.06	—	—	—	64	—	—
13:45	100ml	3.17	10.11	—	—	—	65	—	—
13:50	100ml	3.31	10.14	—	—	—	60	—	—
14:00	100ml	3.57	10.04	12.05	7.53	0.598	40	24.00	188.0
14:05	100ml	3.70	10.20	10.66	7.45	0.597	46	12.57	183.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

Initial Purge: Light brown, turbid, odorless
Final Purge: Clear, odorless

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/6/05
Weather cloudy, 60°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.40' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 13.5'-23.5' Meas. From Ground
Water Table Depth 6.83' Meas. From TIC
Well Depth 21.98' Meas. From TIC
Length of Water Column 15.1'
Volume of Water in Well 2.46 gallons
Intake Depth of Pump/Tubing 18.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 15:35
Sample ID OPCA-MW-8
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 11:45
Pump Stop Time 16:45
Minutes of Pumping 300
Volume of Water Removed 8.0 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
14:10	100ml	3.84	10.28	10.01	7.44	0.595	41	9.67	176.7
14:15	100ml	3.97	10.38	10.08	7.53	0.593	38	9.55	167.0
14:20	100ml	4.10	10.48	10.13	7.65	0.592	40	9.45	155.1
14:25	100ml	4.23	10.51	10.15	7.62	0.591	35	8.94	151.2
14:30	100ml	4.37	10.58	10.48	7.70	0.589	33	8.82	139.4
14:35	100ml	4.50	10.64	10.49	7.73	0.590	35	9.32	129.5
14:40	100ml	4.63	10.69	10.70	7.78	0.589	31	8.79	120.6
14:45	100ml	4.76	10.72	10.82	7.77	0.589	26	8.75	116.2
14:50	100ml	4.89	10.70	10.90	7.81	0.589	23	8.75	102.1
14:52	100ml	4.97	10.65	11.40	7.81	0.589	23	8.84	92.5
15:00	100ml	5.16	10.61	12.00	7.84	0.587	22	8.45	84.5
15:05	100ml	5.29	10.61	11.93	7.85	0.589	23	8.69	77.0

* 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

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel GAR/ERS
Date 4/6/05
Weather Cloudy, 60°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point -0.40' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 13.5'-23.5' Meas. From Ground
Water Table Depth 6.83' Meas. From TIC
Well Depth 21.93' Meas. From TIC
Length of Water Column 15.1'
Volume of Water in Well 2.46 gallons
Intake Depth of Pump/Tubing 18.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 15:35
Sample ID OPCA-MW-8
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 11:45
Pump Stop Time 16:45
Minutes of Pumping 300
Volume of Water Removed 8.0 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
15:10	100ml	5.42	10.54	11.80	7.84	0.589	23	8.65	72.3
15:15	100 ml	5.56	10.76	10.78	7.86	0.588	20	9.02	67.2
15:20	100ml	5.69	10.95	10.69	7.70	0.585	19	8.65	72.4
15:23	100 ml	5.77	11.02	10.96	7.75	0.585	16	8.47	67.8
15:26	100 ml	5.85	11.09	10.84	7.79	0.586	14	8.54	66.0
15:29	100 ml	5.93	11.16	10.88	7.79	0.584	15	8.53	65.2
15:32	100ml	6.01	11.12	10.96	7.81	0.585	15	8.49	63.5
15:35	100ml	6.08	11:14	11.07	7.84	0.585	14	8.69	61.5

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

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

Site/GMA Name GMA-4
Sampling Personnel JAR/AES
Date 4/5/05
Weather Sunny, 40°F

WELL INFORMATION

Reference Point Marked? Y (N)
Height of Reference Point ~-0.35' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 7-17' Meas. From BGS
Water Table Depth 13.43' Meas. From TIC
Well Depth 15.42' Meas. From TIC
Length of Water Column 1.99'
Volume of Water in Well 0.32gal
Intake Depth of Pump/Tubing ~15' 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 928
Pump Stop Time 1133
Minutes of Pumping 125
Volume of Water Removed ~2.8gal
Did Well Go Dry? (Y) N

Sample Time 1005
Sample ID UB-MW-5
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)
(X)	Metals/Inorganics (Total)	( ) *
(X)	Metals/Inorganics (Dissolved)	(X)
(X)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) - Cyanide (filt)	(X)
(X)	- Cyanide (unfilt)	(X) *
(X)	- Sulfide	(X)

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: geopump2
Samples collected by same method as evacuation? (Y) N (specify)

Water Quality Meter Type(s) / Serial Numbers: HACH TURBIDMETER, YSI 556 MPS 03C0392 (#2)

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
929	100	0.0265	13.48	—	—	—	34	—	—
941	100	0.3440	13.49	9.30	7.86	1.692	18	11.97	203.3
946	100	0.4763	13.86	9.20	7.89	1.727	13	10.93	202.5
951	100	0.6086	13.97	9.26	7.89	1.741	9	10.60	206.3
956	100	0.7409	14.05	9.33	7.89	1.750	6	9.91	208.0
959	100	0.8203	14.09	9.38	7.89	1.754	6	9.72	205.8
1002	100	0.8997	14.14	9.40	7.89	1.760	6	9.73	206.2

* 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 INITIAL PURGE: Clear, colorless, odorless

*well ran dry; unable to collect these parameters

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. UB-MW-5
Key No. —
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-4
Sampling Personnel AES/JAP
Date 4/7/05
Weather Overcast, 40's

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~-0.3' Meas. From BGS
Well Diameter 2"
Screen Interval Depth 7-17' Meas. From BGS
Water Table Depth 13.23' Meas. From TIC
Well Depth 15.45' Meas. From TIC
Length of Water Column 2.22'
Volume of Water in Well 0.36 gal
Intake Depth of Pump/Tubing ~14' 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 820
Sample ID UB-MW-5
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 814
Pump Stop Time 838
Minutes of Pumping 24
Volume of Water Removed ~0.5 gal
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: HACH TURBIDMETER 02100028323
YSI MPS 550 03C0392 (#2)

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]*
815	100	~~0.0265~~	13.35	10.13	7.31	1.737	13	14.36	245.6
837	100	—	13.91	9.31	7.10	1.736	17	14.50	248.2

* 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 Initial purge: clear, colorless, odorless
Final purge: Cloudy, slightly turbid, no odor

SAMPLE DESTINATION

Laboratory: SGJ
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

C:\Documents and Settings\jap\Local Settings\Temp\MXLibDir\554199 Attachment D-2.xls

GROUNDWATER SAMPLING LOG

Well No. –
Key No. –
PID Background (ppm) –
Well Headspace (ppm) –

Site/GMA Name GMA-4
Sampling Personnel GAR/ERR
Date 4/6/05
Weather Partly cloudy - 50-55°F

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point _____ Meas. From _____
Well Diameter _____
Screen Interval Depth _____ Meas. From _____
Water Table Depth _____ Meas. From _____
Well Depth _____ Meas. From _____
Length of Water Column _____
Volume of Water in Well _____
Intake Depth of Pump/Tubing _____ Meas. From _____

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 _____
Pump Stop Time _____
Minutes of Pumping _____
Volume of Water Removed _____
Did Well Go Dry? Y N

Sample Time 9:30
Sample ID Rinse Blank-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)	PCDDs/PCDFs	(X)
( )	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

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

Water Quality Meter Type(s) / Serial Numbers: _____

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 An equipment rinse blank was collected by pouring lab supplied distilled water thru a decanned bladder pump bladder and into lab supplied sample containers

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: –

Field Sampling Coordinator: _____

Appendix E

Spring 2005 Data Validation Report

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

APPENDIX E
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 polychlorinated biphenyl (PCB) samples, 16 volatile organic compound (VOC) samples, 15 semi-volatile organic compound (SVOC) samples, 14 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 15 metal samples, and 15 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 E-1. Each sample subjected to evaluation is listed in Table E-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 E-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 E-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 tabulated summary of the samples subjected to Tier I and Tier II data evaluation 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	12	1	3	16
SVOCs	0	0	0	13	1	1	15
PCDDs/PCDFs	12	1	1	0	0	0	14
Metals	0	0	0	13	1	1	15
Cyanide/Sulfide	0	0	0	13	1	1	15
Total	**12**	**1**	**1**	**64**	**5**	**7**	**90**

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data

Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 84% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in 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	Acrolein	16	J
SVOCs	Safrole	15	J

The continuing calibration criterion for VOCs 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	16	J
	Isobutanol	16	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	15	J

The initial calibration criterion 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	15	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	Acrolein	16	J
	Methacrylonitrile	16	J
	Propionitrile	16	J
	Vinyl Acetate	16	J
SVOCs	1,3,5-Trinitrobenzene	5	J
	1,4-Naphthoquinone	15	J
	2,4-Dinitrophenol	7	J
	4,6-Dinitro-2-methylphenol	2	J
	4-Nitroquinoline-1-oxide	15	J
	a,a'-Dimethylphenethylamine	15	J
	Aniline	15	J
	Benzidine	15	J
	Hexachlorocyclopentadiene	15	J
	Hexachlorophene	14	J
	Isophorone	15	J
	Isosafrole	15	J
	Methapyrilene	15	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	4	J
	Thallium	4	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
	2-Chlorophenol	1	J
	4-Nitrophenol	1	R
	Acenaphthene	1	J
	N-Nitroso-di-n-propylamine	1	J
	Phenol	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
SVOCs	2,3,4,6-Tetrachlorophenol	1	R
	2,4,5-Trichlorophenol	1	R
	2,4,6-Trichlorophenol	1	R
	2,4-Dichlorophenol	1	R
	2,4-Dimethylphenol	1	J

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs (continued)	2,4-Dinitrophenol	1	R
	2,6-Dichlorophenol	1	R
	2-Chlorophenol	1	R
	2-Methylphenol	1	R
	2-Nitrophenol	1	R
	3&4-Methylphenol	1	R
	4,6-Dinitro-2-methylphenol	1	R
	4-Chloro-3-Methylphenol	1	R
	4-Nitrophenol	1	R
	Pentachlorophenol	1	R
	Phenol	1	R

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
Metals	Chromium	5	U
	Copper	9	U
	Lead	2	U
	Silver	2	U
Cyanides/Sulfides	Sulfide	13	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	99.1	A total of 15 sample results were rejected due to surrogate recovery deviations. A total of one sample result was rejected due to MS/MSD recovery deviations.
PCBs	100	None
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, none of the data required qualification due to laboratory duplicate RPD deviations, field duplicate RPD deviations, MS/MSD 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, 9.5% of the data required qualification due to instrument calibration deviations, 0.21% of the data required qualification due to MS/MSD recovery deviations, and 0.48% 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.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.1 to 100% for individual analytical parameters and had an overall usability of 99.8%, 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 one SVOC for sample location OPCA-MW-2 due to low MS/MSD recovery. Resampling at this location is not recommended since duplicate analysis of the MS has demonstrated matrix interference and the same analytical performance limitations for the analysis could occur again; therefore, resampling at this location is not recommended.

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

Other rejected sample data for these investigations include sample analyses results for 15 SVOCs for sample location OPCA-MW-5R due to low surrogate recoveries. Reanalysis 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 E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs												
5D0P024	78-6	TA5D0P024002	4/1/2005	Water	Tier II	No						
5D0P041	78-1	TA5D0P041001	4/4/2005	Water	Tier II	No						
5D0P041	H78B-15	TA5D0P041004	4/4/2005	Water	Tier II	No						
5D0P041	OPCA-MW-1	TA5D0P041003	4/4/2005	Water	Tier II	No						
5D0P041	OPCA-MW-6	TA5D0P041002	4/4/2005	Water	Tier II	No						
5D0P067	DUP-2	TA5D0P067004	4/5/2005	Water	Tier II	No						OPCA-MW-4
5D0P067	OPCA-MW-3	TA5D0P067002	4/5/2005	Water	Tier II	No						
5D0P067	OPCA-MW-4	TA5D0P067003	4/5/2005	Water	Tier II	No						
5D0P067	UB-MW-5	TA5D0P067001	4/5/2005	Water	Tier II	No						
5D0P104	OPCA-MW-2	TA5D0P104001	4/5/2005	Water	Tier II	No						
5D0P104	OPCA-MW-5R	TA5D0P104005	4/6/2005	Water	Tier II	No						
5D0P104	OPCA-MW-7	TA5D0P104007	4/6/2005	Water	Tier II	No						
5D0P104	OPCA-MW-8	TA5D0P104008	4/6/2005	Water	Tier II	No						
5D0P104	RINSE BLANK-1	TA5D0P104006	4/6/2005	Water	Tier II	No						
5D0P139	UB-MW-5	TA5D0P139001	4/7/2005	Water	Tier II	No						
Metals												
5D0P024	78-6 (filtered)	TA5D0P024002	4/1/2005	Water	Tier II	Yes	Lead	Method Blank	-	-	ND(0.0030)	
							Selenium	CRDL Standard %R	76.8%	80% to 120%	ND(0.00500) J	
							Thallium	CRDL Standard %R	62.3%	80% to 120%	ND(0.0100) J	
5D0P041	78-1 (filtered)	TA5D0P041001	4/4/2005	Water	Tier II	Yes	Lead	Method Blank	-	-	ND(0.0030)	
5D0P041	H78B-15 (filtered)	TA5D0P041004	4/4/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	76.8%	80% to 120%	ND(0.00500) J	
							Thallium	CRDL Standard %R	62.3%	80% to 120%	ND(0.0100) J	
5D0P041	OPCA-MW-1 (filtered)	TA5D0P041003	4/4/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	76.8%	80% to 120%	ND(0.00500) J	
							Thallium	CRDL Standard %R	62.3%	80% to 120%	ND(0.0100) J	
5D0P041	OPCA-MW-6 (filtered)	TA5D0P041002	4/4/2005	Water	Tier II	Yes	Selenium	CRDL Standard %R	76.8%	80% to 120%	ND(0.00500) J	
							Thallium	CRDL Standard %R	62.3%	80% to 120%	ND(0.0100) J	
5D0P067	DUP-2 (filtered)	TA5D0P067004	4/5/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	OPCA-MW-4
							Copper	Method Blank	-	-	ND(0.025)	
5D0P067	OPCA-MW-3 (filtered)	TA5D0P067002	4/5/2005	Water	Tier II	Yes	Copper	Method Blank	-	-	ND(0.025)	
5D0P067	OPCA-MW-4 (filtered)	TA5D0P067003	4/5/2005	Water	Tier II	Yes	Copper	Method Blank	-	-	ND(0.025)	
5D0P067	UB-MW-5 (filtered)	TA5D0P067001	4/5/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	
							Copper	Method Blank	-	-	ND(0.025)	
5D0P104	OPCA-MW-2 (filtered)	TA5D0P104001	4/5/2005	Water	Tier II	Yes	Copper	Method Blank	-	-	ND(0.025)	
5D0P104	OPCA-MW-5R (filtered)	TA5D0P104005	4/6/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	
							Copper	Method Blank	-	-	ND(0.025)	
							Silver	Method Blank	-	-	ND(0.0050)	
5D0P104	OPCA-MW-7 (filtered)	TA5D0P104007	4/6/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	
							Copper	Method Blank	-	-	ND(0.025)	
5D0P104	OPCA-MW-8 (filtered)	TA5D0P104008	4/6/2005	Water	Tier II	Yes	Chromium	Method Blank	-	-	ND(0.010)	
							Copper	Method Blank	-	-	ND(0.025)	
							Silver	Method Blank	-	-	ND(0.0050)	
5D0P104	RINSE BLANK-1	TA5D0P104006	4/6/2005	Water	Tier II	No						
5D0P139	UB-MW-5 (filtered)	TA5D0P139001	4/7/2005	Water	Tier II	Yes	Copper	Method Blank	-	-	ND(0.025)	
VOCs												
5D0P024	78-6	TA5D0P024002	4/1/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P024	TRIP BLANK	TA5D0P024003	4/1/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)												
5D0P041	78-1	TA5D0P041001	4/4/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P041	H78B-15	TA5D0P041004	4/4/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P041	OPCA-MW-1	TA5D0P041003	4/4/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P041	OPCA-MW-6	TA5D0P041002	4/4/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P041	TRIP BLANK	TA5D0P041005	4/4/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P067	DUP-2	TA5D0P067004	4/5/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	OPCA-MW-4
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P067	OPCA-MW-3	TA5D0P067002	4/5/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P067	OPCA-MW-4	TA5D0P067003	4/5/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)												
5D0P067	UB-MW-5	TA5D0P067001	4/5/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P104	OPCA-MW-2	TA5D0P104001	4/5/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P104	OPCA-MW-5R	TA5D0P104005	4/6/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P104	OPCA-MW-7	TA5D0P104007	4/6/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P104	OPCA-MW-8	TA5D0P104008	4/6/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
5D0P104	RINSE BLANK-1	TA5D0P104006	4/6/2005	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
							Acrolein	ICAL RRF	0.018	>0.05	ND(0.10) J	
							Acrolein	CCAL %D	67.6%	<25%	ND(0.10) J	
							Isobutanol	CCAL RRF	0.035	>0.05	ND(0.10) J	
							Methacrylonitrile	CCAL %D	31.2%	<25%	ND(0.0050) J	
							Propionitrile	CCAL %D	41.8%	<25%	ND(0.010) J	
							Vinyl Acetate	CCAL %D	56.8%	<25%	ND(0.0050) J	
SVOCs												
5D0P024	78-6	TA5D0P024002	4/1/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	28.1%	<25%	ND(0.010) J	
							1,4-Naphthoquinone	CCAL %D	44.2%	<25%	ND(0.010) J	
							4-Nitroquinoline-1-oxide	CCAL %D	38.6%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	42.8%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.5%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	61.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	27.6%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Isophorone	CCAL %D	31.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	88.4%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	57.8%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)												
5D0P024	H78B-13R	TA5D0P024001	4/1/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	33.9%	<25%	ND(0.010) J	
							2,4-Dinitrophenol	CCAL %D	30.3%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	32.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	42.4%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	69.8%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	31.1%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	77.2%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	32.5%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	94.1%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	54.2%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P041	78-1	TA5D0P041001	4/4/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	28.1%	<25%	ND(0.010) J	
							1,4-Naphthoquinone	CCAL %D	44.2%	<25%	ND(0.010) J	
							4-Nitroquinoline-1-oxide	CCAL %D	38.6%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	42.8%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.5%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	61.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	27.6%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	89.4%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	31.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	88.4%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	57.8%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P041	H78B-15	TA5D0P041004	4/4/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	28.1%	<25%	ND(0.010) J	
							1,4-Naphthoquinone	CCAL %D	44.2%	<25%	ND(0.010) J	
							4-Nitroquinoline-1-oxide	CCAL %D	38.6%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	42.8%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.5%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	61.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	27.6%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	89.4%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	31.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	88.4%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	57.8%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P041	OPCA-MW-1	TA5D0P041003	4/4/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	28.1%	<25%	ND(0.010) J	
							1,4-Naphthoquinone	CCAL %D	44.2%	<25%	ND(0.010) J	
							4-Nitroquinoline-1-oxide	CCAL %D	38.6%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	42.8%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.5%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	61.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	27.6%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	89.4%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	31.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	88.4%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	57.8%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)												
5D0P041	OPCA-MW-6	TA5D0P041002	4/4/2005	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	28.1%	<25%	ND(0.010) J	
							1,4-Naphthoquinone	CCAL %D	44.2%	<25%	ND(0.010) J	
							4-Nitroquinoline-1-oxide	CCAL %D	38.6%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	42.8%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.5%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	61.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	27.6%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	89.4%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	31.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	88.4%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	57.8%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P067	DUP-2	TA5D0P067004	4/5/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	33.9%	<25%	ND(0.010) J	OPCA-MW-4
							2,4-Dinitrophenol	CCAL %D	30.3%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	32.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	73.4%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	69.8%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	31.1%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	77.2%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	32.5%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	94.1%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	54.2%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P067	OPCA-MW-3	TA5D0P067002	4/5/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	40.8%	<25%	ND(0.010) J	
							2,4-Dinitrophenol	CCAL %D	29.8%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	42.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.3%	<25%	ND(0.010) J	
							Aniline	CCAL %D	48.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	66.7%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	30.0%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	92.7%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	29.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	51.1%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P067	OPCA-MW-4	TA5D0P067003	4/5/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	40.8%	<25%	ND(0.010) J	
							2,4-Dinitrophenol	CCAL %D	29.8%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	42.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.3%	<25%	ND(0.010) J	
							Aniline	CCAL %D	48.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	66.7%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	30.0%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	92.7%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	29.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	51.1%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)												
5D0P067	UB-MW-5	TA5D0P067001	4/5/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	33.9%	<25%	ND(0.010) J	
							2,4-Dinitrophenol	CCAL %D	30.3%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	32.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	73.4%	<25%	ND(0.010) J	
							Aniline	CCAL %D	49.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	69.8%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	31.1%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	77.2%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	32.5%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	94.1%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	54.2%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P104	OPCA-MW-2	TA5D0P104001	4/5/2005	Water	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	38.3%	40% to 95%	ND(0.010) J	
							1,4-Dichlorobenzene	MS %R	38.7%	40% to 95%	ND(0.010) J	
							1,4-Naphthoquinone	CCAL %D	41.0%	<25%	ND(0.010) J	
							2-Chlorophenol	MS %R	29.3%	30% to 120%	ND(0.010) J	
							4,6-Dinitro-2-methylphenol	CCAL %D	36.6%	<25%	ND(0.050) J	
							4-Nitrophenol	MS %R	9.0%	10% to 80%	R	
							4-Nitroquinoline-1-oxide	CCAL %D	43.3%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.6%	<25%	ND(0.010) J	
							Acenaphthene	MS/MSD %R	46.4%, 47.7%	50% to 115%	ND(0.010) J	
							Aniline	CCAL %D	45.3%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	69.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	26.5%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	90.9%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	30.2%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	50.3%	<25%	ND(0.010) J	
							N-Nitroso-di-n-propylamine	MS/MSD %R	41.5%, 44.2%	45% to 115%	ND(0.010) J	
							Phenol	MS %R	13.6%	15% to 110%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P104	OPCA-MW-5R	TA5D0P104005	4/6/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	41.0%	<25%	ND(0.010) J	Used original analysis
							2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2,4,5-Trichlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2,4,6-Trichlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2,4-Dichlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2,4-Dimethylphenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	0.0038 J	
							2,4-Dinitrophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2,6-Dichlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2-Chlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2-Methylphenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							2-Nitrophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							3&4-Methylphenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							4-Chloro-3-Methylphenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							4-Nitrophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							4-Nitroquinoline-1-oxide	CCAL %D	43.3%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.6%	<25%	ND(0.010) J	
							Aniline	CCAL %D	45.3%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	69.2%	<25%	ND(0.020) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)												
5D0P104	OPCA-MW-5R	TA5D0P104005	4/6/2005	Water	Tier II	Yes	Hexachlorocyclopentadiene	CCAL %D	26.5%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	90.9%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	30.2%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	50.3%	<25%	ND(0.010) J	
							Pentachlorophenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							Phenol	Surrogate Recovery Acid	7.2%, 3.8%, 5.6 %	11% to 123%, 21% to 100%, 10% to 94%	R	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P104	OPCA-MW-7	TA5D0P104007	4/6/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	40.8%	<25%	ND(0.010) J	
							2,4-Dinitrophenol	CCAL %D	29.8%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	42.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.3%	<25%	ND(0.010) J	
							Aniline	CCAL %D	48.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	66.7%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	30.0%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	92.7%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	29.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	51.1%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P104	OPCA-MW-8	TA5D0P104008	4/6/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	41.0%	<25%	ND(0.010) J	
							4,6-Dinitro-2-methylphenol	CCAL %D	36.6%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	43.3%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.6%	<25%	ND(0.010) J	
							Aniline	CCAL %D	45.3%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	69.2%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	26.5%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	90.9%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	30.2%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	50.3%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	
5D0P104	RINSE BLANK-1	TA5D0P104006	4/6/2005	Water	Tier II	Yes	1,4-Naphthoquinone	CCAL %D	40.8%	<25%	ND(0.010) J	
							2,4-Dinitrophenol	CCAL %D	29.8%	<25%	ND(0.050) J	
							4-Nitroquinoline-1-oxide	CCAL %D	42.4%	<25%	ND(0.010) J	
							a,a'-Dimethylphenethylamine	CCAL %D	40.3%	<25%	ND(0.010) J	
							Aniline	CCAL %D	48.1%	<25%	ND(0.010) J	
							Benzidine	ICAL Linear Regression	0.412	>0.99	ND(0.020) J	
							Benzidine	CCAL %D	66.7%	<25%	ND(0.020) J	
							Hexachlorocyclopentadiene	CCAL %D	30.0%	<25%	ND(0.010) J	
							Hexachlorophene	ICAL %RSD	34.5%	<30%	ND(0.020) J	
							Hexachlorophene	CCAL %D	92.7%	<25%	ND(0.020) J	
							Isophorone	CCAL %D	29.8%	<25%	ND(0.010) J	
							Isosafrole	CCAL %D	99.9%	<25%	ND(0.010) J	
							Methapyrilene	CCAL %D	51.1%	<25%	ND(0.010) J	
							Safrole	ICAL RRF	0.043	>0.05	ND(0.010) J	

TABLE E - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 4 (GMA 4)

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

Sample Delivery Group No.	Sample ID	Lab Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs												
5D0P024	78-6	TA5D0P024002	4/1/2005	Water	Tier I	No						
5D0P041	78-1	TA5D0P041001	4/4/2005	Water	Tier I	No						
5D0P041	H78B-15	TA5D0P041004	4/4/2005	Water	Tier I	No						
5D0P041	OPCA-MW-1	TA5D0P041003	4/4/2005	Water	Tier I	No						
5D0P041	OPCA-MW-6	TA5D0P041002	4/4/2005	Water	Tier I	No						
5D0P067	DUP-2	TA5D0P067004	4/5/2005	Water	Tier I	No						OPCA-MW-4
5D0P067	OPCA-MW-3	TA5D0P067002	4/5/2005	Water	Tier I	No						
5D0P067	OPCA-MW-4	TA5D0P067003	4/5/2005	Water	Tier I	No						
5D0P067	UB-MW-5	TA5D0P067001	4/5/2005	Water	Tier I	No						
5D0P104	OPCA-MW-2	TA5D0P104001	4/5/2005	Water	Tier I	No						
5D0P104	OPCA-MW-5R	TA5D0P104005	4/6/2005	Water	Tier I	No						
5D0P104	OPCA-MW-7	TA5D0P104007	4/6/2005	Water	Tier I	No						
5D0P104	OPCA-MW-8	TA5D0P104008	4/6/2005	Water	Tier I	No						
5D0P104	RINSE BLANK-1	TA5D0P104006	4/6/2005	Water	Tier I	No						
Cyanides/Sulfides												
5D0P024	78-6 (filtered)	TA5D0P024002	4/1/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P041	78-1 (filtered)	TA5D0P041001	4/4/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P041	H78B-15 (filtered)	TA5D0P041004	4/4/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P041	OPCA-MW-1 (filtered)	TA5D0P041003	4/4/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P041	OPCA-MW-6 (filtered)	TA5D0P041002	4/4/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P067	DUP-2 (filtered)	TA5D0P067004	4/5/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	OPCA-MW-4
5D0P067	OPCA-MW-3 (filtered)	TA5D0P067002	4/5/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P067	OPCA-MW-4 (filtered)	TA5D0P067003	4/5/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P067	UB-MW-5 (filtered)	TA5D0P067001	4/5/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P104	OPCA-MW-2 (filtered)	TA5D0P104001	4/5/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P104	OPCA-MW-5R (filtered)	TA5D0P104005	4/6/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P104	OPCA-MW-7 (filtered)	TA5D0P104007	4/6/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P104	OPCA-MW-8 (filtered)	TA5D0P104008	4/6/2005	Water	Tier II	Yes	Sulfide	Method Blank	-	-	ND(5.0)	
5D0P104	RINSE BLANK-1	TA5D0P104006	4/6/2005	Water	Tier II	No						
5D0P139	UB-MW-5 (filtered)	TA5D0P139001	4/7/2005	Water	Tier II	No						