01-0457

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

Transmitted Via Federal Express

February 27, 2002

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

Re: GE- Pittsfield/Housatonic River Site
On-Plant Consolidation Areas *(GECD200)*
Groundwater Monitoring Program

Dear Mr. Olson:

In accordance with General Electric Company's (GE's) June 1999 *Detailed Work Plan for On-Plant Consolidation Areas*; August 1999 *Addendum to June 1999 Detailed Work Plan*; and June 13, 2000 *Response to April 27, 2000 EPA Comments*, enclosed is GE's *Semi-Annual Groundwater Monitoring Report for Fall 2001; Hill 78 and Building 71 On-Plant Consolidation Areas (OPCAs)*. This report summarizes the groundwater-related activities that were performed during fall 2001 at the Hill 78 and Building 71 OPCAs in Pittsfield, Massachusetts.

Please feel free to contact me at (413) 494-3177 with any questions or comments.

Sincerely,

John F. Novotny /NS for

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

ns/meg
Enclosure

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REPORT

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Semi-Annual Groundwater Monitoring Report for Fall 2001

Hill 78 and Building 71 On-Plant Consolidation Areas (OPCAs)

General Electric Company
Pittsfield, Massachusetts

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

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1. Introduction

1.1 General

This Semi-Annual Groundwater Monitoring Report presents the results of groundwater monitoring activities performed during fall 2001 in the vicinity of the Hill 78 and Building 71 On-Plant Consolidation Areas (OPCAs) located within the General Electric Company's (GE's) Pittsfield, Massachusetts facility. The groundwater monitoring activities described in this report were performed in accordance with a series of documents submitted by GE to the U.S. Environmental Protection Agency (EPA), specifically: (1) *Detailed Work Plan for On-Plant Consolidation Areas* (Blasland, Bouck & Lee, Inc. [BBL], June 1999); (2) *Addendum to June 1999 Detailed Work Plan* (BBL, August 1999), which included GE's *Proposal for Future Groundwater Monitoring - Hill 78 and Building 71 Consolidation Areas*; and (3) *Response to April 27, 2000 EPA Comments* (GE, June 13, 2000).

The August 1999 Addendum presents the most detailed description of the groundwater monitoring program, although minor modifications were made in GE's June 13, 2000 response to EPA comments. On January 30, 2001, EPA issued a letter to GE regarding "Final Conditional Approval of General Electric's (GE) June 1999 Detailed Work Plan for the On-Site Consolidation Areas (OPCA), as amended by GE's August 12, 1999 Addendum, and modified by GE's June 13, 2000 Response to EPA's Comment Letter for the On-Plant Consolidation Areas (collectively the 'Work Plan'), GE-Pittsfield/Housatonic River Site." Although that letter contained conditions relating to other (i.e., non-groundwater-related) aspects of the operation of the OPCAs (which were addressed in subsequent correspondence from GE to EPA), it did not contain conditions relating to the groundwater monitoring and thus constituted EPA approval of the OPCA groundwater monitoring program as proposed. Additional modifications were made to the OPCA groundwater monitoring program as a result of EPA approval conditions, as documented in a letter from EPA to GE dated January 2, 2002.

1.2 Background

GE has performed several activities to select, design, and utilize two OPCAs, namely the Hill 78 Consolidation Area and the Building 71 Consolidation Area. The current locations of these areas are illustrated on Figure 1. These areas are being and will continue to be used for the permanent consolidation of materials (soil, sediment, demolition debris, etc.) removed during response actions and building demolition activities conducted at the GE

plant and several other areas around Pittsfield that are included within the GE-Pittsfield/Housatonic River Site (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 a Consent Decree (CD) executed in 1999 by GE, EPA, the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies. The CD was entered by the United States District Court for the District of Massachusetts on October 27, 2000.

In connection with the design of the OPCAs, GE developed a groundwater monitoring program to be implemented during the operation of the OPCAs and subsequent to their closure. The primary objectives of this program are to: periodically 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. The groundwater monitoring program consists of a baseline groundwater investigation, groundwater monitoring during operation of the OPCAs, and groundwater monitoring during the post-closure period.

GE performed a baseline groundwater investigation at the OPCAs between June 14 and 17, 1999 to provide information on existing groundwater conditions prior to the onset of consolidation activities, and to serve as a basis for comparison for future groundwater monitoring results. The baseline groundwater investigation involved the sampling and analysis of 12 monitoring wells selected to provide spatial representation on all sides of the consolidation areas (i.e., upgradient, downgradient, and cross-gradient). The 12 monitoring wells included in the baseline groundwater investigation (78-1, 78-6, H78B-15, NY-4, and OPCA-MW-1 through OPCA-MW-8) are among those shown on Figure 1. The baseline groundwater investigation included the analysis of groundwater samples for polychlorinated biphenyls (PCBs) and non-PCB constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides), plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenyhydrazine (Appendix IX+3). (As discussed below, the analytical results from this baseline investigation are included in Table 3 of this report.)

Following the completion of the baseline groundwater investigation and EPA's January 30, 2001 conditional approval of the OPCAs groundwater monitoring program, GE implemented a semi-annual groundwater monitoring program of groundwater level measurements, groundwater sampling, and laboratory analyses completed in the spring and fall of each year, followed by preparation of a summary report.

Based on the close proximity of the Pittsfield Generating Company to the OPCAs, GE is also assessing the condition of groundwater within the boundary of the generating plant to verify that the consolidation activities are not negatively impacting the plant supply wells. Pittsfield Generating Company personnel currently collect groundwater samples from an existing groundwater extraction well (ASW-5, which serves as its primary source of cooling water) for PCB and volatile organic compound (VOC) analyses in accordance with an existing permitted program. GE has included the analytical results provided by the Pittsfield Generating Company for samples that they collected from ASW-5 in this report, as well as an evaluation of the current data compared to past data. A summary of these data is contained in Appendix A.

Separate from the OPCA groundwater monitoring program, GE has proposed a groundwater and non-aqueous phase liquid (NAPL) monitoring program for the Plant Site 3 Groundwater Management Area (also known as GMA 4), which encompasses the OPCAs and adjacent areas. In its July 2001 *Baseline Monitoring Program Proposal for Plant Site 3 Groundwater Management Area* (GMA 4), GE proposed to incorporate the results of the OPCA groundwater monitoring program into future reports prepared for GMA 4 as a whole. EPA conditionally approved this proposal in a letter dated December 28, 2001 and the GMA 4 baseline groundwater monitoring program will be initiated in Spring 2002. Following initiation of the GMA 4 baseline monitoring program, GE will no longer prepare these OPCA-specific reports, but will include all required groundwater-related information and evaluations pertaining to the OPCAs in the GMA 4 semi-annual baseline groundwater quality interim reports.

1.3 Format of Document

This report is the second to be completed as part of the OPCAs groundwater monitoring program. Included in the report is a description of the scope of the groundwater monitoring activities, presentation and discussion of the associated groundwater monitoring results, comparisons of the recent groundwater monitoring results with the baseline data (and other prior monitoring results, as appropriate), and an evaluation of the groundwater conditions based on the comparisons to prior results. Following this introductory section, Section 2 describes the procedures used to obtain field measurements and collect the groundwater samples, and briefly discusses the results of the fall 2001 field measurements. Section 3 summarizes the groundwater elevation measurements and presents the analytical results of the fall 2001 groundwater sampling. Section 4 presents a comparison of the recent monitoring results to the baseline groundwater data and prior investigation results, as well as a comparison of constituent concentrations with the applicable Method 1 groundwater standards set out in the Massachusetts Contingency Plan (MCP).

2. Field Procedures

2.1 General

The activities conducted as part of the semi-annual groundwater monitoring program during fall 2001 primarily involved the measurement of groundwater levels and the collection of groundwater samples from select monitoring wells adjacent to the OPCAs. Figure 2 presents a site plan identifying the groundwater monitoring locations, including the groundwater level measurement and sampling locations for the monitoring activities described in this report. Field sampling records are presented in Appendix B. This section discusses the field procedures used to measure site groundwater levels and collect 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 Sample Collection

The fall 2001 groundwater monitoring activities were performed between October 15 and November 26, 2001. These activities included collecting depth-to-groundwater data from the wells listed in Table 1 and collecting groundwater samples from the wells listed in Table 2. Groundwater level measurements and groundwater samples were collected in accordance with the procedures specified in GE's approved FSP/QAPP. Where applicable, low-flow sampling techniques were utilized for the purging and collection of groundwater samples.

Groundwater level measurements were collected on October 15, 2001 from all 12 of the wells included in this monitoring program and from well H78B-28. Those data were used in determining the groundwater contours shown on Figure 2. The fall 2001 depth-to-water and groundwater elevation data for all these wells, together with well construction information for these monitoring wells, are presented in Table 1.

In addition to the groundwater level measurements collected during the fall 2001 monitoring event, the potential presence of LNAPL was checked for in monitoring well H78B-8R on a weekly basis. No LNAPL was detected in this well during fall 2001. As requested by EPA in its letter dated January 2, 2002, approving GE's *Semi-Annual Groundwater Monitoring Report, Hill 78 and Building 71 On-Plant Consolidation Areas* (October 2001), the results from these measurements are discussed in Section 4.3 and summarized in Appendix E.

Groundwater samples were collected by BBL personnel between October 21 and November 26, 2001, from 11 of the 12 groundwater monitoring wells in the OPCA monitoring program. Monitoring well OPCA-MW-6 was dry at the time of sampling, and a sample was unable to be collected. Several other wells were rapidly dewatered during sampling activities and several visits to the well were required to obtain sufficient sample volume for the required analyses. During the course of multiple visits to well OPCA-MW-7, the well became dry before all of the required sampling was completed. Water levels did not recover to enable additional sampling activities in this well during the remainder of fall 2001.

When an adequate amount of groundwater was present, the monitoring wells were purged until stabilization of field parameters (including temperature, pH, specific conductivity, oxidation reduction potential, dissolved oxygen, and turbidity) utilizing low-flow sampling techniques or were pumped dry and allowed to recharge prior to sample collection. Due to a low groundwater level in monitoring well OPCA-MW-7, a bailer was utilized to purge the monitoring well and collect a groundwater sample. Field parameters were measured in combination with the sampling activities and recorded on the groundwater sampling forms contained in Appendix B. The final/stabilized field parameter data are presented in Table 2.

Three wells did not produce samples with turbidity below the goal of 50 nephelometric turbidity units stated in the FSP/QAPP. The elevated turbidities were observed at monitoring wells that went dry during purging. When adequate quantities of groundwater existed, samples were collected, which required several days to collect a complete sample set in some cases. The turbidity of the groundwater that recharged to these wells was likely influenced by sediments in the base of the wells that could not be removed by additional purging due to the low recharge rates of the wells. As a result of elevated groundwater sample turbidities observed at the OPCAs and other GMAs in fall 2001, GE is currently assessing procedures to possibly reduce the turbidity of future groundwater samples. This assessment will include:

- Additional well development or purging;
- Identification of alternate methods to collect low turbidity samples from small diameter wells and slow recharging wells;
- Potential modifications to GE's standard low flow sampling equipment; and
- Procedures to verify that accurate turbidity data are obtained.

The collected groundwater samples were submitted to CT&E Environmental Services of Charleston, West Virginia for laboratory analysis of the following constituents using the listed EPA methods: filtered and

unfiltered PCBs (Method 8082), VOCs (Method 8260B), semi-volatile organic compounds (SVOCs) (Method 8270C), dioxins and furans (Method 8290), filtered and unfiltered metals (Methods 6010B, 7000A, and 7470A), cyanide (Method 9014), and sulfide (Method 9034). The analytical results are presented in Table 3 (along with results from the June 1999 baseline and the spring 2001 monitoring events). GE is in the process of validating these data. Upon completion, the data validation results will be included in the next monthly report on overall activities at the GE-Pittsfield/Housatonic River Site.

3. Results

3.1 General

The results of the fall 2001 monitoring activities include depth-to-groundwater and groundwater elevation data, field parameter data, and groundwater analytical data. A description of the monitoring results is presented in the following sections.

3.2 Water Level and Field Parameter Measurements

Table 1 summarizes the groundwater level data (and associated groundwater elevations) collected during the fall 2001 groundwater monitoring event. These data, in conjunction with available groundwater elevation data from adjacent areas, were used to generate a groundwater elevation contour map for the OPCAs, which is presented on Figure 2. Groundwater ranged from an approximate elevation of 1,013 feet above mean sea level north of the OPCAs to approximately 992 feet above mean sea level to the south. The groundwater elevation contours developed from the water level measurements indicate that the general flow direction is from north to south, although this pattern is influenced by apparent mounding in the vicinity of the former Hill 78 landfill and an adjacent groundwater depression that extends from northwest to southeast to the east of the Hill 78 Consolidation Area.

Measurements were also collected weekly from monitoring well H78B-8R to monitor for LNAPL that was previously observed in the well. The results of these measurements are summarized in Appendix E. No LNAPL was detected in this well during fall 2001.

Field parameters were measured during the well purging activities performed prior to sample collection. These measurements include turbidity, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and temperature. The results from these measurements are summarized in Table 2.

3.3 Groundwater Analytical Results

The fall 2001 groundwater samples were analyzed for the same constituents as the groundwater samples collected during prior sampling events, i.e., PCBs and Appendix IX+3 constituents (excluding pesticides/herbicides). Table 3 provides a summary of the results of the groundwater sample analyses for the current monitoring round, as well as for the 1999 baseline and spring 2001 sampling events. Laboratory analytical results for all analyzed parameters are included in Appendix C. Groundwater sampling locations and the corresponding detected concentrations of PCBs and other Appendix IX+3 constituents are illustrated on Figure 3.

Total PCB concentrations in the unfiltered samples ranged from non-detect (at three locations) to 0.00061 ppm. Concentrations of PCBs in the filtered samples ranged from non-detect (at five locations) to 0.00093 ppm. The highest filtered and unfiltered concentrations of PCBs were found in the groundwater sample taken from well OPCA-MW-2.

The results from the analyses for Appendix IX+3 constituents in the samples that were collected during the fall 2001 sampling event show that there were no VOCs or SVOCs detected, and several inorganic constituents were detected in both filtered and unfiltered samples. In addition, a number of polychlorinated dibenzo-p-dioxins (PCDDs)/polychlorinated dibenzofurans (PCDFs) were detected. For the PCDDs/PCDFs, total Toxicity Equivalency Quotients (TEQs) were calculated for each of the monitoring wells, using the World Health Organization (WHO) Toxicity Equivalency Factors (TEFs), and are also included in Table 3.

3.4 Pittsfield Generating Company Sample Results

The results of the most recent sampling activities at Pittsfield Generating Company well ASW-5 (conducted in December 2001) are summarized in Table A-1 of Appendix A, along with data from prior sampling events. The December 2001 results from well ASW-5 reveal that PCBs were not detected and only one VOC (trichloroethene at a concentration of 0.013 ppm) was observed in the groundwater sample.

4. Comparisons to Prior Data

4.1 General

This report constitutes the second semi-annual monitoring report submitted since commencement of the groundwater monitoring program associated with the OPCAs. Conclusions developed herein are based on the laboratory analytical results obtained from the fall 2001 groundwater level measurements and sampling activities, in combination with historical information generated during previous investigations.

4.2 Water Level Measurements

The groundwater elevation contours developed from the water level measurements indicate that the general flow direction is from north to south, although this pattern is interrupted by apparent groundwater mounding and an adjacent groundwater depression in the vicinity of the Hill 78 Consolidation Area. Because groundwater elevation data were not previously collected for fall monitoring, the fall 2001 groundwater elevations were compared to the spring 2001 measurements. The groundwater elevations in each of the wells decreased significantly from the spring 2001 measurements, with an average decrease of approximately 4.13 feet and the greatest decrease being 7.79 feet at well OPCA-MW-7. Groundwater elevations in these wells were lower than previously recorded groundwater levels. This decrease is attributed to the dry season experienced in fall 2001.

4.3 LNAPL Monitoring Results

No LNAPL was observed in well H78B-8R during weekly measurements collected in fall 2001. In fact, LNAPL has not been observed in this well since May 2001. Appendix E contains a summary of LNAPL monitoring and recovery data, including tables and graphs comparing groundwater elevation, LNAPL thickness, and LNAPL removal data compiled since LNAPL was first observed in this well in May 1999. As shown on those graphs, LNAPL has tended to accumulate in well H78B-8R only during the late winter/early spring months during the past two years. However, a correlation between a seasonally high groundwater elevation and LNAPL thickness is not apparent in the data (see Graph E-1 in Appendix E). GE will continue to monitor this well on a weekly basis to assess whether LNAPL will return to the well in 2002.

Approximately ten liters of LNAPL have been removed from well H78B-8R. Almost half of this total was removed during the first couple of months following the first observation of LNAPL in May 1999. No LNAPL was removed during fall 2001, as no LNAPL was observed in the well during this time period. In accordance with its ongoing program, GE will manually remove any accumulations of LNAPL in this well, if LNAPL does return to the well in 2002.

4.4 Groundwater Analytical Results

At the time samples were collected for the fall 2001 event, monitoring well OPCA-MW-6 was dry and a groundwater sample was not able to be collected, and only a partial sample set was able to be collected from well OPCA-MW-7 before it also became dry for the season. The fall 2001 groundwater data are generally consistent with the data from the baseline sampling in spring 2001, June 1999, and earlier data for the four previously existing wells (78-1, 78-6, H78B-15, and NY-4). Analytical data from the June 1999, spring 2001, and fall 2001 OPCA groundwater sampling events are presented in Table 3, and prior data for wells 78-1, 78-6, H78B-15, and NY-4 are presented in Appendix D. Additionally, graphs summarizing the data results for total PCBs and total VOCs for each well are included in Appendix D.

The analytical results from the fall 2001 sampling of the OPCA monitoring wells were also compared to MCP Method 1 groundwater standards. Under the CD, these Method 1 standards serve as the basis for the groundwater quality Performance Standards unless alternative standards are proposed by GE and approved by EPA. Specifically, the analytical data from four wells that are near occupied buildings -- wells H78B-15, OPCA-MW-1, OPCA-MW-4, and OPCA-MW-5R -- were compared to the Method 1 GW-2 and GW-3 standards, while the analytical data from all of the other wells included in OPCA groundwater monitoring were compared to the Method 1 GW-3 standards. However, since none of the OPCA monitoring wells constitute a downgradient perimeter well for GMA 4, they are not compliance points for the GW-3 standards, and hence the CD Performance Standard for achieving the GW-3 standards at such perimeter compliance points does not apply to these wells. In addition, the analytical results from each of the monitoring wells were compared to the MCP's Upper Concentration Limits (UCLs) for groundwater.

In making these comparisons for PCBs and inorganics, GE has used the results from the filtered samples. Under the MCP, the comparisons of site analytical data to the MCP Reportable Concentrations are to be based on the dissolved concentration results from filtered samples (310 CMR 40.0362(1)), and the comparisons to Method 1 standards are to be based on the type of sample results that are representative of the concentrations which the

receptor would contact. GE believes that, for comparison to GW-3 standards (there are no GW-2 standards for these constituents), the dissolved concentration results from filtered samples are more representative since they reflect the concentrations of the chemicals that could migrate through the ground to surface water. In a letter to GE dated January 2, 2002 (relating to the previous groundwater monitoring event for the OPCAs), EPA agreed that this rationale for using filtered analytical results for such comparisons is sound. Accordingly, the comparisons to the Method 1 GW-3 standards for PCBs and inorganics were based on the filtered sample results. However, both the filtered and unfiltered sample results were utilized for comparison to the MCP UCLs and also considered in evaluating potential impacts to groundwater quality in this area.

The results of these comparisons are shown in Table 3 and Appendix D and discussed in the following sections for each analytical constituent group (i.e., VOCs, SVOCs, PCBs, PCDDs/PCDFs, and inorganics).

4.4.1 VOCs

No VOCs were detected in any of the fall 2001 groundwater samples. These results are consistent with the 1999 baseline sampling analytical results, although low levels of toluene (below the applicable Method 1 GW-3 standard) were detected in a sample from monitoring well 78-1 collected in spring 2001.

4.4.2 SVOCs

No SVOCs were detected in fall 2001, which is consistent with the 1999 baseline monitoring event. However, during the spring 2001 event, three SVOCs were detected in the sample from replacement well OPCA-MW-5R. The reported concentrations of these SVOCs (acenaphthene - 0.011 ppm, dibenzofuran - estimated concentration of 0.0038 ppm, and naphthalene - 0.062 ppm) were well below the applicable Method 1 GW-2 standards (for naphthalene) and GW-3 standards (for acenaphthene and naphthalene).

4.4.3 PCBs

The results of the PCB analyses of the ten groundwater samples collected in fall 2001 show that unfiltered PCBs were detected in seven wells and filtered PCBs were detected in four wells. Total filtered and unfiltered PCB concentrations for each well are also illustrated in graphs presented in Appendix D.

In the fall 2001 sampling event, as noted above, samples could not be collected from monitoring wells OPCA-MW-6 and OPCA-MW-7 for filtered and unfiltered PCB analyses due to inadequate quantities of groundwater at the time of sampling. Further, low water table conditions required that a modified sampling approach be utilized at several other wells (78-6, H78B-15, NY-4, OPCA-MW-1, OPCA-MW-2, and OPCA-MW-8) which were purged dry or to minimal levels during low-flow purging and/or sampling activities. Specifically, following the purging of these wells, samples were collected over a multi-day period as sufficient volume returned to the wells to fill the sample containers. Wells 78-6, NY-4, and OPCA-MW-1 were sampled via the same low-flow pumps used to purge the wells, while wells H78B-15, OPCA-MW-2, and OPCA-MW-8 were bailed. Due to the presence of suspended sediment mixed with the groundwater as the wells recharged, the turbidities of the actual groundwater samples submitted for analysis may have been higher than the stabilized readings collected during low-flow purging activities, which are presented in Table 2. The use of bailers to collect certain samples where a sustainable flow through a pump could not be attained may have further mixed sediments within the wells into the groundwater samples. However, since all available groundwater was used in collection of the analytical samples, turbidity data were not obtained at the time of sample collection at wells which were sampled over a multiple-day period. This potential increase in suspended sediments within the groundwater samples may have affected some of the fall 2001 PCB data. As discussed in Section 4.6 below, GE is assessing methods to collect lower turbidity samples during future monitoring events.

Unfiltered PCB Sample Results

The unfiltered PCB sample results showed that all detected concentrations were below the MCP UCL of 0.005 ppm. PCBs were detected in four wells (78-6, OPCA-MW-2, OPCA-MW-5R and OPCA-MW-8) which did not previously show detectable PCB concentrations. In addition, unfiltered PCB concentrations in wells OPCA-MW-1 and NY-4 increased from the 1999 baseline monitoring event. However, the concentration in well NY-4 was below other prior PCB analytical results at that well, including the spring 2001 monitoring event. Except for well OPCA-MW-5R, each of these wells was purged dry and sampled over a multiple-day period as sufficient groundwater recharged to permit sample collection. Suspended sediment within these wells may have contributed to the detection of PCBs in the samples. PCBs were not observed in the unfiltered samples collected from wells OPCA-MW-3 or H78B-15 (where detectable levels were previously observed) or in well 78-1 (where PCBs have never been detected). Finally, PCB concentrations decreased at well OPCA-MW-4 in comparison to the baseline data.

Filtered PCB Sample Results

The filtered PCB analysis showed all detected concentrations below the UCL (0.005 ppm), but one result was above the Method 1 GW-3 standard (0.0003 ppm). That sample was collected from well OPCA-MW-2 (filtered PCB sample concentration of 0.00093 ppm), although PCBs were not detected in this well during prior sampling events. PCBs were also detected in the filtered samples from two other wells (78-6 and OPCA-MW-1) where detectable PCB concentrations were not previously observed, but these results were below the Method 1 GW-3 standard. Each of these three wells was among those which were purged dry and sampled over a multiple-day period. Suspended sediment within the well casings may have affected these samples, particularly at well OPCA-MW-2, which was sampled with a bailer. Finally, PCB concentrations decreased at well OPCA-MW-4 in comparison to the results from the spring 2001sampling event.

4.4.4 PCDDs/PCDFs

Eleven monitoring wells were sampled and analyzed for PCDDs and PCDFs during the fall 2001 sampling event. Due to dryness, monitoring well OPCA-MW-6 was not sampled. Trace levels of PCDDs and PCDFs were observed at all 11 monitoring wells at concentrations similar to those detected during prior monitoring events. The calculated total TEQs for each of the groundwater samples were less than the Method 1 GW-3 standard of 1.0×10^{-7} ppm.

4.4.5 Inorganics

In the fall 2001 sampling event, samples were not collected from monitoring wells OPCA-MW-6 and OPCA-MW-7 for filtered and unfiltered inorganic analyses (aside from a sample for sulfide analysis from well OPCA-MW-7) due to the wells not containing adequate quantities of groundwater at the time of sampling. Several inorganic constituents were detected in the samples collected from the OPCA monitoring wells in fall 2001. Minor fluctuations relative to the 1999 baseline results were observed in some of the inorganic concentrations at certain wells. However, there were no exceedances of the Method 1 GW-3 standards or the UCLs for these constituents.

4.5 Pittsfield Generating Company Analyses

GE reviewed the results of the Pittsfield Generating Company's December 2001 sampling event for well ASW-5. The data reports include analyses for VOCs and unfiltered PCB constituents. Trichloroethene was the only constituent detected at a concentration above detection limits, with a concentration of 0.013 ppm. This concentration does not exceed the Method 1 GW-3 standard of 20 ppm and is consistent with previous sampling events. A summary table and corresponding data reports for the December 2001 data, as well as prior analytical results, for well ASW-5 are included in Appendix A. In addition, a graph summarizing the results of the December 2001 and historical data is included in Appendix D.

4.6 Summary

The fall 2001 groundwater sampling and analysis activities performed at the OPCA monitoring wells indicate no significant impacts on concentrations of non-PCB constituents in groundwater. No VOCs or SVOCs were detected in any of the groundwater samples, while the detected concentrations of other non-PCB constituents were below the applicable UCLs, Method 1 GW-2 standards, and/or Method 1 GW-3 standards. For PCBs, some fluctuations were observed in the fall 2001 data compared to prior sampling events, including the detection of PCBs in certain wells where PCBs were not previously detected. However, only one sample contained a filtered PCB result above the applicable Method 1 GW-3 standard of 0.0003 ppm. This sample (OPCA-MW-2) is located approximately 150 feet downgradient from well H78B-8R, where LNAPL has been previously observed. This presence of LNAPL is unrelated to the OPCAs, and the presence of PCBs in well OPCA-MW-2 is likewise believed to be due to pre-existing conditions in the area, rather than attributable to the OPCAs, particularly since the well was purged dry during low-flow sampling activities and sampled with a bailer. Recharge to the well after it was purged dry may have increased the amount of suspended sediment in the groundwater sample, rather than being indicative of a groundwater transport issue. Furthermore, several of the PCB results observed during fall 2001 in wells where PCBs were not detected during prior monitoring events came from wells which similarly dried during purging activities. As discussed below, GE is evaluating potential modifications to the sampling procedures for the future in an effort to alleviate most of the suspended sediment-related issues associated with these slow recharging wells.

GE will continue to monitor the OPCA wells to assess whether the PCB results observed in fall 2001 continue or are indicative of a sporadic spike in concentrations due to higher-than-normal turbidity samples collected

during low water table conditions. In addition, GE will initiate perimeter monitoring around GMA 4 as part of the baseline groundwater monitoring program slated to begin in spring 2002.

Finally, in its report entitled *Plant Site 1 Groundwater Management Area; Baseline Groundwater Quality Interim Report for Fall 2001* (submitted on January 30, 2002), GE proposed to perform a turbidity reduction assessment to identify whether lower turbidity groundwater samples could be collected during future monitoring events. This assessment will evaluate new or alternative procedures for several aspects of the baseline monitoring program, including:

- Additional development or purging of high turbidity wells;
- Identification of alternate methods to collect low turbidity samples from small diameter wells and from slow recharging wells;
- Potential modifications to GE's standard low-flow sampling equipment; and
- Procedures to verify that accurate turbidity data are obtained.

Since the turbidities of some of the OPCA groundwater samples were above GE's sampling goal of 50 NTU, GE will incorporate the OPCA monitoring wells into this assessment, focusing primarily on those wells that had relatively high turbidities and elevated PCB concentrations during the fall 2001 sampling event. As noted above, due to the fact that PCBs have a high affinity for particulate matter, it is possible that the PCB levels measured in some of the wells are more indicative of PCBs that are attached to soil particles, rather than the dissolved or mobile phase in groundwater.

Upon completion of this assessment, GE will discuss the results with EPA and may propose to utilize the findings during the spring 2002 sampling event on a trial basis at specific wells. GE may also propose to install replacement wells at certain locations if its efforts to reduce sample turbidity are unsuccessful.

5. Schedule of Future Activities

5.1 General

Schedule requirements related to the OPCA groundwater monitoring program were generally identified in the series of Work Plans submitted to EPA between June 1999 and June 2000, and further clarified in the GMA 4 Baseline Monitoring Proposal. The schedule for the OPCA groundwater monitoring activities will not change following initiation of the GMA 4 baseline monitoring program, but the reporting activities will be subject to modification. This section provides a schedule for the spring 2002 OPCA groundwater monitoring round.

5.2 Field Activities Schedule

GE has initiated its analysis of methods to obtain lower turbidity in groundwater samples, with the re-development of all wells to be sampled under the GMA 4 baseline groundwater program, including the OPCA monitoring wells. Depending on the results of this analysis, GE may perform some trial well purging activities at the OPCAs or nearby GMAs to assess the effectiveness of new sampling equipment. Prior to any field testing of potential sampling modifications, GE will provide EPA with 7 days advance notice to allow the assignment of field oversight personnel.

GE will continue to collect groundwater elevation data and analytical samples from the 12 wells that have been utilized to date in the OPCA groundwater monitoring program. No changes in the analytical parameters for those wells are proposed at this time, although GE may propose to modify or reduce the analyses at certain wells in the future. In addition, GE will also perform additional groundwater-related field activities in the vicinity of the OPCAs, as required under the GMA 4 baseline monitoring program. These activities will include groundwater elevation monitoring and/or sampling and analysis of several additional monitoring wells in the area. The specific wells to be sampled were listed in GE's Addendum to Baseline Monitoring Program Proposal for GMA 4 (letter to EPA dated February 21, 2002).

In accordance with the approved semi-annual monitoring schedule, GE anticipates that the spring 2002 sampling event for GMA 4 (including the OPCA monitoring wells) will take place in April 2002. Prior to performance of these activities, GE will provide EPA with 7-days notice to allow the assignment of field oversight personnel.

5.3 Reporting Schedule

In the future, the results of the OPCA groundwater monitoring program will be incorporated into the reports prepared for GMA 4 as a whole. GE will submit a GMA 4 baseline groundwater monitoring interim report for spring 2002, which will include the OPCA monitoring results, within the previously proposed timeframe (i.e. by August 31, 2002). In addition, GE will continue to provide the results of the OPCA groundwater monitoring activities in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

Tables

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

TABLE 1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

MONITORING WELL SPECIFICATIONS AND GROUNDWATER ELEVATIONS

WELL ID	WELL DIAMETER (Inches)	GROUND ELEVATION (Feet AMSL)	MEASURING POINT ELEVATION (Feet AMSL)	DEPTH TO TOP OF SCREEN (Feet BGS)	SCREEN LENGTH (Feet)	TOP OF SCREEN ELEVATION (Feet AMSL)	BASE OF SCREEN ELEVATION (Feet AMSL)	DEPTH TO WATER (Feet BMP)	DEPTH TO WATER (Feet BGS)	GROUND-WATER ELEVATION (Feet AMSL)
OPCA-MW-1	2	1,017.1	1,019.65	20.1	10	997.0	987.0	10.63	8.08	1,009.02
OPCA-MW-2	2	1,017.3	1,019.58	13	10	1,004.3	994.3	20.18	17.90	999.40
OPCA-MW-3	2	1,015.3	1,014.87	18	10	997.3	987.3	21.98	22.36	992.89
OPCA-MW-4	2	1,019.2	1,018.71	12	10	1,007.2	997.2	14.44	14.95	1,004.27
OPCA-MW-5R	2	1,016.6	1,016.28	11.25	10	1,005.3	995.3	14.75	15.05	1,001.53
OPCA-MW-6	2	1,022.7	1,022.10	15	10	1,007.7	997.7	19.17	19.76	1,002.93
OPCA-MW-7	2	1,026.9	1,026.40	14	10	1,012.9	1,002.9	20.89	21.42	1,005.51
OPCA-MW-8	2	1,027.9	1,027.57	13.5	10	1,014.4	1,004.4	16.09	16.40	1,011.48
78-1	4	1,027.4	1,026.34	8	15	1,019.4	1,004.4	13.39	14.45	1,012.95
78-6	4	1,013.1	1,011.99	3	15	1,010.1	995.1	9.24	10.35	1,002.75
H78B-15	0.75	1,009.8	1,012.73	6	10	1,003.8	993.8	15.61	12.68	997.12
H78B-28	0.75	1,018.4	1,021.57	3.5	8.5	1,014.9	1,006.4	DRY	>11.66	<1006.74
NY-4	4	1,024.8	1,024.53	17	15	1,007.8	992.8	13.82	14.09	1,010.71

NOTES:

1. Depth-to-groundwater measurements collected by Blasland, Bouck & Lee, Inc. on October 15, 2001.

2. Feet AMSL: Feet above Mean Sea Level.
3. Feet BGS: Feet Below Ground Surface.
4. Feet BMP: Feet Below Measuring Point.

TABLE 2

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

STABILIZED FIELD PARAMETER MEASUREMENTS

Well Number	Turbidity (NTU)	Temperature (degrees Celsius)	pH	Specific Conductivity (ms/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
OPCA-MW-1	34.3	15.66	7.61	0.446	21.0	0.47
OPCA-MW-2	11.5	14.20	7.01	1.180	104.0	1.85
OPCA-MW-3	30.9	18.16	6.61	0.780	19.0	0.38
OPCA-MW-4	0.0	16.08	6.85	0.854	-38.0	0.39
OPCA-MW-5R	16.5	17.12	7.02	0.512	-121.0	0.31
OPCA-MW-6	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2	See Note 2
OPCA-MW-7	See Note 3	See Note 3	See Note 3	See Note 3	See Note 3	See Note 3
OPCA-MW-8	40.9	19.04	7.29	1.860	-43.0	1.77
78-1	35.6	13.33	6.78	0.755	98.0	0.14
78-6	999.0	14.16	6.94	1.750	-99.0	6.67
H78B-15	187.0	16.30	6.64	2.870	182.0	6.27
NY-4	273.0	13.69	7.71	0.397	137.0	0.83

Notes:

1. Well parameters were monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
2. OPCA-MW-6 was dry at time of sampling.
3.

TABLE 3

PRELIMINARY ANALYTICAL DATA SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	78-1 06/14/99	78-1 05/01/01	78-1 10/31/01	78-6 06/16/99
Volatile Organics							
Toluene	6	50	100	ND(0.0050)	0.0047 J	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	0.0047 J	ND(0.20)	ND(0.20)
PCBs-Unfiltered							
Aroclor-1254	None	None	None	ND(0.00010)	ND(0.000065)	ND(0.000065)	ND(0.000050)
Aroclor-1260	None	None	None	ND(0.00010)	ND(0.000065)	ND(0.000065)	ND(0.000050)
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.00010)	ND(0.000065)	ND(0.000065)	ND(0.000050)
PCBs-Filtered							
Aroclor-1254	None	None	None	NS	ND(0.000065)	ND(0.000065)	NS
Aroclor-1260	None	None	None	NS	ND(0.000065)	ND(0.000065)	NS
Total PCBs	None	0.0003	0.005	NS	ND(0.000065)	ND(0.000065)	NS
Semivolatile Organics							
Acenaphthene	None	5	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans							
2,3,7,8-TCDF	None	None	None	ND(0.00000000060)	ND(0.0000000011)	ND(0.00000000000060) X	ND(0.0000000032)
TCDFs (total)	None	None	None	ND(0.00000000060)	ND(0.0000000010) X	ND(0.00000000000030)	ND(0.0000000032)
1,2,3,7,8-PeCDF	None	None	None	ND(0.0000000021)	ND(0.0000000013) X	0.0000000000015 J	ND(0.0000000079)
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000020)	ND(0.0000000012)	ND(0.00000000000014) X	ND(0.0000000083)
PeCDFs (total)	None	None	None	ND(0.0000000021)	0.000000024	0.0000000000015	ND(0.0000000083)
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.0000000060)	0.0000000021 JB	0.0000000000012 J	ND(0.0000000042)
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.0000000062)	ND(0.00000000080)	ND(0.0000000000012) X	ND(0.0000000043)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.0000000059)	ND(0.00000000090)	ND(0.0000000000013) X	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.0000000064)	ND(0.00000000080)	ND(0.0000000000011) X	ND(0.0000000044)
HxCDFs (total)	None	None	None	ND(0.0000000064)	0.0000000044	0.0000000000012	ND(0.0000000051)
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.000000011)	ND(0.0000000013)	ND(0.00000000000080)	ND(0.000000029)
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.000000011)	ND(0.0000000017)	ND(0.00000000000090)	ND(0.000000029)
HpCDFs (total)	None	None	None	ND(0.000000011)	ND(0.0000000015)	ND(0.00000000000080)	ND(0.000000029)
OCDF	None	None	None	ND(0.000000011)	ND(0.0000000032)	0.0000000000021 J	ND(0.000000017)
Dioxins							
2,3,7,8-TCDD	None	None	None	ND(0.00000000090)	ND(0.0000000014)	ND(0.00000000000030) X	ND(0.0000000035)
TCDDs (total)	None	None	None	ND(0.00000000090)	ND(0.0000000014)	ND(0.0000000000018)	ND(0.0000000035)
1,2,3,7,8-PeCDD	None	None	None	ND(0.0000000071)	ND(0.0000000016)	ND(0.0000000000013) X	ND(0.000000034)
PeCDDs (total)	None	None	None	ND(0.0000000071)	ND(0.0000000016)	ND(0.0000000000025)	ND(0.000000034)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000069)	ND(0.0000000014)	ND(0.0000000000013) X	ND(0.000000014)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.0000000086)	ND(0.0000000014)	0.0000000000013 J	ND(0.000000017)
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.0000000077)	ND(0.0000000013)	ND(0.0000000000012) X	ND(0.000000015)
HxCDDs (total)	None	None	None	ND(0.0000000086)	ND(0.000000012) X	0.0000000000013	ND(0.000000017)
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.000000013)	ND(0.0000000026)	ND(0.0000000000023) X	ND(0.000000029)
HpCDDs (total)	None	None	None	ND(0.000000013)	ND(0.0000000026)	ND(0.00000000000020)	ND(0.000000029)
OCDD	None	None	None	ND(0.000000017)	ND(0.0000000038) X	0.0000000000087 J	ND(0.000000020)
Total TEQs (WHO TEFs)	None	None	None	0.0000000071	0.0000000025	0.0000000000018	0.000000025
Inorganics-Unfiltered							
Antimony	None	Not Applicable	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	ND(0.00600)	ND(0.0100)	ND(0.0100)	0.0320
Barium	None	Not Applicable	100	0.0250	0.0330 B	0.0330 B	0.0830
Beryllium	None	Not Applicable	0.5	ND(0.00600)	ND(0.00100)	ND(0.00100)	ND(0.00600)
Cadmium	None	Not Applicable	0.1	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00600)
Chromium	None	Not Applicable	20	ND(0.0130)	ND(0.0100)	ND(0.0100)	ND(0.0130)
Cobalt	None	None	None	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0600)
Copper	None	None	None	ND(0.0330)	0.00550 B	ND(0.0250)	ND(0.0330)
Cyanide	None	Not Applicable	2	ND(0.0200)	ND(0.0100)	ND(0.0100)	ND(0.0200)
Lead	None	Not Applicable	0.3	ND(0.130)	ND(0.00500)	ND(0.00500)	ND(0.130)
Nickel	None	Not Applicable	1	ND(0.0600)	ND(0.0400)	ND(0.0400)	ND(0.0600)
Selenium	None	Not Applicable	0.8	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00600)
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0130)	ND(0.0100)	ND(0.0100)	ND(0.0130)
Vanadium	None	Not Applicable	20	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0600)
Zinc	None	Not Applicable	20	0.0290	0.0200	0.0160 B	0.0330
Inorganics-Filtered							
Antimony	None	0.3	3	NS	ND(0.0600)	ND(0.0600)	NS
Arsenic	None	0.4	4	NS	ND(0.0100)	ND(0.0100)	NS
Barium	None	30	100	NS	0.0260 B	0.0200 B	NS
Beryllium	None	0.05	0.5	NS	ND(0.00100)	ND(0.00100)	NS
Cadmium	None	0.01	0.1	NS	ND(0.00500)	ND(0.00500)	NS
Chromium	None	2	20	NS	ND(0.0100)	ND(0.0100)	NS
Cobalt	None	None	None	NS	ND(0.0500)	ND(0.0500)	NS
Copper	None	None	None	NS	0.00420 B	ND(0.0250)	NS
Lead	None	0.03	0.3	NS	ND(0.00500)	ND(0.00500)	NS
Nickel	None	0.08	1	NS	ND(0.0400)	ND(0.0400)	NS
Selenium	None	0.08	0.8	NS	ND(0.00500)	ND(0.00500)	NS
Thallium	None	0.4	4	NS	ND(0.0100)	ND(0.0100)	NS
Vanadium	None	2	20	NS	ND(0.0500)	ND(0.0500)	NS
Zinc	None	0.9	20	NS	0.0160 B	0.0210	NS

TABLE 3

PRELIMINARY ANALYTICAL DATA SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	78-6 05/03/01	78-6 10/31-11/01/01	H78B-15 06/16/99	H78B-15 05/03/01
Volatile Organics							
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered							
Aroclor-1254	None	None	None	ND(0.000065)	0.000097	0.000035 J	ND(0.000065)
Aroclor-1260	None	None	None	ND(0.000065)	0.00020	ND(0.000050)	ND(0.000065)
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.000065)	0.000297	0.000035 J	ND(0.000065)
PCBs-Filtered							
Aroclor-1254	None	None	None	ND(0.000065)	0.000054 J	NS	ND(0.000065)
Aroclor-1260	None	None	None	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Total PCBs	None	0.0003	0.005	ND(0.000065)	0.000054 J	NS	ND(0.000065)
Semivolatile Organics							
Acenaphthene	None	5	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans							
2,3,7,8-TCDF	None	None	None	ND(0.00000000085) X	ND(0.0000000000017)	ND(0.0000000015)	ND(0.0000000000040)
TCDFs (total)	None	None	None	0.0000000020	ND(0.0000000000017)	ND(0.0000000015)	0.0000000012
1,2,3,7,8-PeCDF	None	None	None	ND(0.00000000030)	ND(0.0000000000014)	ND(0.0000000036)	0.00000000038 JB
2,3,4,7,8-PeCDF	None	None	None	0.00000000066 JB	ND(0.0000000000014)	ND(0.0000000034)	ND(0.0000000055) X
PeCDFs (total)	None	None	None	0.0000000017	ND(0.0000000000014)	ND(0.0000000036)	0.0000000013
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.00000000083) X	ND(0.0000000000015)	ND(0.0000000017)	ND(0.0000000015) X
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.00000000030)	ND(0.0000000000014)	ND(0.0000000017)	ND(0.0000000040)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.00000000030)	ND(0.0000000000017)	ND(0.0000000023)	ND(0.0000000050)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.00000000030)	ND(0.0000000000015)	ND(0.0000000018)	ND(0.0000000040)
HxCDFs (total)	None	None	None	ND(0.00000000083) X	0.0000000000020	ND(0.0000000023)	0.00000000058
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.00000000050)	ND(0.0000000000025)	ND(0.0000000032)	ND(0.0000000060)
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.00000000060)	ND(0.0000000000031)	ND(0.0000000015)	ND(0.00000000086) X
HpCDFs (total)	None	None	None	ND(0.00000000050)	ND(0.0000000000028)	ND(0.0000000032)	ND(0.00000000086) X
OCDF	None	None	None	ND(0.00000000090)	ND(0.0000000000011) X	ND(0.0000000076)	0.0000000026 JB
Dioxins							
2,3,7,8-TCDD	None	None	None	ND(0.00000000040)	ND(0.0000000000016)	ND(0.0000000035)	ND(0.0000000017) X
TCDDs (total)	None	None	None	ND(0.0000000010) X	ND(0.0000000000016)	ND(0.0000000035)	ND(0.0000000031) X
1,2,3,7,8-PeCDD	None	None	None	ND(0.00000000040)	ND(0.00000000000040)	ND(0.0000000071)	ND(0.00000000060)
PeCDDs (total)	None	None	None	ND(0.0000000019) X	ND(0.0000000000012)	ND(0.0000000071)	ND(0.0000000018) X
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.00000000060)	ND(0.0000000000035)	ND(0.0000000056)	ND(0.0000000080)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.00000000060)	ND(0.0000000000031)	ND(0.0000000070)	0.0000000012 JB
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.00000000050)	ND(0.0000000000032)	ND(0.0000000062)	ND(0.00000000095) X
HxCDDs (total)	None	None	None	ND(0.0000000060) X	ND(0.0000000000033)	ND(0.0000000070)	0.0000000032
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.00000000080)	0.0000000000097 J	ND(0.000000011)	0.0000000052 JB
HpCDDs (total)	None	None	None	ND(0.00000000080)	0.0000000000097	ND(0.000000011)	0.0000000052
OCDD	None	None	None	0.0000000079 JB	0.000000000054 JB	ND(0.0000000090)	0.0000000077 JB
Total TEQs (WHO TEFs)	None	None	None	0.00000000096	0.0000000000024	0.0000000079	0.0000000017
Inorganics-Unfiltered							
Antimony	None	Not Applicable	3	ND(0.0600)	0.0120 B	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	0.0160	0.370	ND(0.00600)	ND(0.0100)
Barium	None	Not Applicable	100	0.0960 B	0.160 B	0.0570	0.00430 B
Beryllium	None	Not Applicable	0.5	ND(0.00100)	ND(0.00100)	ND(0.00600)	ND(0.00100)
Cadmium	None	Not Applicable	0.1	ND(0.00500)	0.00600	ND(0.00600)	ND(0.00500)
Chromium	None	Not Applicable	20	0.00250 B	0.0280	ND(0.0130)	0.00290 B
Cobalt	None	None	None	0.00480 B	0.0100 B	ND(0.0600)	ND(0.0500)
Copper	None	None	None	ND(0.0250)	0.0910	ND(0.0330)	0.00910 B
Cyanide	None	Not Applicable	2	ND(0.0100)	0.0290	ND(0.0200)	ND(0.0100)
Lead	None	Not Applicable	0.3	ND(0.00500)	0.0200	ND(0.130)	ND(0.00500)
Nickel	None	Not Applicable	1	ND(0.0400)	0.0110 B	ND(0.0600)	ND(0.0400)
Selenium	None	Not Applicable	0.8	0.00490 B	0.00510	ND(0.00600)	ND(0.00500)
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0100)	ND(0.0100)	ND(0.0130)	ND(0.0100)
Vanadium	None	Not Applicable	20	ND(0.0500)	0.0150 B	ND(0.0600)	ND(0.0500)
Zinc	None	Not Applicable	20	0.0110 B	2.00	0.0830	0.0110 B
Inorganics-Filtered							
Antimony	None	0.3	3	ND(0.0600)	ND(0.0600)	NS	ND(0.0600)
Arsenic	None	0.4	4	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Barium	None	30	100	0.0450 B	0.0680 B	NS	0.00460 B
Beryllium	None	0.05	0.5	ND(0.00100)	ND(0.00100)	NS	ND(0.00100)
Cadmium	None	0.01	0.1	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Chromium	None	2	20	0.00370 B	ND(0.0100)	NS	ND(0.0100)
Cobalt	None	None	None	0.00370 B	ND(0.0500)	NS	ND(0.0500)
Copper	None	None	None	ND(0.0250)	ND(0.0250)	NS	0.00610 B
Lead	None	0.03	0.3	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Nickel	None	0.08	1	ND(0.0400)	ND(0.0400)	NS	ND(0.0400)
Selenium	None	0.08	0.8	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Thallium	None	0.4	4	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Vanadium	None	2	20	ND(0.0500)	ND(0.0500)	NS	ND(0.0500)
Zinc	None	0.9	20	0.0180 B	0.00620 B	NS	0.0180 B

TABLE 3

PRELIMINARY ANALYTICAL DATA SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	H78B-15 11/1-11/26/01	NY-4 06/14/99	NY-4 04/30/01	NY-4 11/21-11/26/01
Volatile Organics							
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered							
Aroclor-1254	None	None	None	ND(0.000065)	0.00012	0.00023	0.00016
Aroclor-1260	None	None	None	ND(0.000065)	ND(0.00010)	0.000080	ND(0.000065)
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.000065)	0.00012	0.00031	0.00016
PCBs-Filtered							
Aroclor-1254	None	None	None	ND(0.000065)	NS	0.00011	ND(0.000065)
Aroclor-1260	None	None	None	ND(0.000065)	NS	ND(0.000065)	ND(0.000065)
Total PCBs	None	0.0003	0.005	ND(0.000065)	NS	0.00011	ND(0.000065)
Semivolatile Organics							
Acenaphthene	None	5	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans							
2,3,7,8-TCDF	None	None	None	ND(0.0000000000016)	ND(0.0000000020)	ND(0.000000011)	ND(0.00000000000050)
TCDFs (total)	None	None	None	ND(0.0000000000016)	ND(0.0000000020)	ND(0.000000018) X	ND(0.00000000000050)
1,2,3,7,8-PeCDF	None	None	None	ND(0.00000000000090)	ND(0.0000000074)	0.000000012 JB	0.0000000000014 J
2,3,4,7,8-PeCDF	None	None	None	ND(0.00000000000090)	ND(0.0000000069)	0.000000034 J	0.0000000000011 J
PeCDFs (total)	None	None	None	ND(0.00000000000090)	ND(0.0000000074)	0.000000044	0.0000000000024
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.00000000000080) X	ND(0.000000021)	0.000000013 JB	ND(0.0000000000027)
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.00000000000080) X	ND(0.000000022)	0.0000000032 JB	ND(0.0000000000024)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.00000000000090)	ND(0.000000021)	ND(0.0000000010)	ND(0.0000000000031)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.00000000000080)	ND(0.000000023)	0.0000000017 JB	ND(0.0000000000027)
HxCDFs (total)	None	None	None	0.0000000000023	ND(0.000000023)	0.000000027	ND(0.0000000000027)
1,2,3,4,6,7,8-HpCDF	None	None	None	0.0000000000032 J	ND(0.000000054)	0.0000000066 JB	0.0000000000038 J
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.0000000000021)	ND(0.000000054)	0.0000000034 JB	ND(0.0000000000040)
HpCDFs (total)	None	None	None	0.0000000000032	ND(0.000000054)	0.000000014	0.0000000000092
OCDF	None	None	None	ND(0.0000000000037) X	ND(0.000000067)	0.000000023 J	0.000000000016 J
Dioxins							
2,3,7,8-TCDD	None	None	None	ND(0.0000000000010)	ND(0.0000000030)	0.000000017	ND(0.00000000000070)
TCDDs (total)	None	None	None	ND(0.0000000000010)	ND(0.0000000030)	0.000000017	ND(0.0000000000014)
1,2,3,7,8-PeCDD	None	None	None	ND(0.00000000000090)	ND(0.000000031)	ND(0.0000000018)	ND(0.00000000000070)
PeCDDs (total)	None	None	None	ND(0.0000000000018)	ND(0.000000031)	ND(0.0000000093) X	ND(0.0000000000010)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000000012)	ND(0.000000032)	ND(0.0000000016) X	ND(0.0000000000049)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.0000000000011)	ND(0.000000040)	0.000000017 JB	ND(0.0000000000044)
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.0000000000011)	ND(0.000000036)	0.000000012 JB	ND(0.0000000000045)
HxCDDs (total)	None	None	None	0.0000000000022	ND(0.000000040)	0.000000062	ND(0.0000000000046)
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.0000000000039) X	ND(0.000000082)	0.000000084 B	0.0000000000095 J
HpCDDs (total)	None	None	None	0.0000000000028	ND(0.000000082)	0.00000012	0.0000000000095
OCDD	None	None	None	0.000000000026 J	ND(0.000000084)	0.000000048 JB	0.0000000000077 J
Total TEQs (WHO TEFs)	None	None	None	0.0000000000017	0.000000029	0.000000026	0.0000000000027
Inorganics-Unfiltered							
Antimony	None	Not Applicable	3	0.00990 B	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	0.0200	ND(0.00600)	0.00450 B	ND(0.0100)
Barium	None	Not Applicable	100	0.150 B	0.0200	0.0300 B	0.0590 B
Beryllium	None	Not Applicable	0.5	0.000930 B	ND(0.00600)	ND(0.00100)	ND(0.00100)
Cadmium	None	Not Applicable	0.1	0.00250 B	ND(0.00600)	ND(0.00500)	ND(0.00500)
Chromium	None	Not Applicable	20	0.0430	ND(0.0130)	0.00460 B	0.110
Cobalt	None	None	None	0.0310 B	ND(0.0600)	ND(0.0500)	0.00790 B
Copper	None	None	None	0.0810	ND(0.0330)	0.0100 B	0.0180 B
Cyanide	None	Not Applicable	2	ND(0.0100)	ND(0.0200)	ND(0.0100)	ND(0.0100)
Lead	None	Not Applicable	0.3	0.0310	ND(0.130)	ND(0.00500)	0.00660
Nickel	None	Not Applicable	1	0.0560	ND(0.0600)	ND(0.0400)	0.0770
Selenium	None	Not Applicable	0.8	ND(0.00500)	ND(0.00600)	0.00800	ND(0.00500)
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0100)	ND(0.0130)	ND(0.0100)	ND(0.0100)
Vanadium	None	Not Applicable	20	0.0330 B	ND(0.0600)	ND(0.0500)	0.00840 B
Zinc	None	Not Applicable	20	0.220	ND(0.0260)	0.0350	0.0620
Inorganics-Filtered							
Antimony	None	0.3	3	0.00910 B	NS	ND(0.0600)	ND(0.0600)
Arsenic	None	0.4	4	ND(0.0100)	NS	ND(0.0100)	ND(0.0100)
Barium	None	30	100	0.0700 B	NS	0.0170 B	0.0180 B
Beryllium	None	0.05	0.5	ND(0.00100)	NS	ND(0.00100)	ND(0.00100)
Cadmium	None	0.01	0.1	0.000880 B	NS	ND(0.00500)	ND(0.00500)
Chromium	None	2	20	ND(0.0100)	NS	ND(0.0100)	ND(0.0100)
Cobalt	None	None	None	ND(0.0500)	NS	ND(0.0500)	ND(0.0500)
Copper	None	None	None	ND(0.0250)	NS	0.00410 B	ND(0.0250)
Lead	None	0.03	0.3	ND(0.00500)	NS	ND(0.00500)	ND(0.00500)
Nickel	None	0.08	1	ND(0.0400)	NS	ND(0.0400)	ND(0.0400)
Selenium	None	0.08	0.8	ND(0.00500)	NS	0.00750	ND(0.00500)
Thallium	None	0.4	4	ND(0.0100)	NS	ND(0.0100)	ND(0.0100)
Vanadium	None	2	20	ND(0.0500)	NS	ND(0.0500)	ND(0.0500)
Zinc	None	0.9	20	ND(0.0200)	NS	0.0180 B	0.0280

TABLE 3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1 10/31/01
Volatile Organics						
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered						
Aroclor-1254	None	None	None	0.000054	ND(0.000065)	0.00013
Aroclor-1260	None	None	None	ND(0.000050)	ND(0.000065)	0.000088
Total PCBs	Not Applicable	Not Applicable	0.005	0.000054	ND(0.000065)	0.000218
PCBs-Filtered						
Aroclor-1254	None	None	None	NS	ND(0.000065)	0.000029 J
Aroclor-1260	None	None	None	NS	ND(0.000065)	ND(0.000065)
Total PCBs	None	0.0003	0.005	NS	ND(0.000065)	0.000029 J
Semivolatile Organics						
Acenaphthene	None	5	50	ND(0.012)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.012)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.012)	ND(0.010)	ND(0.010)
Furans						
2,3,7,8-TCDF	None	None	None	ND(0.0000000011)	ND(0.0000000013)	0.0000000000014 J
TCDFs (total)	None	None	None	0.0000000090 J	ND(0.0000000013)	0.0000000000058
1,2,3,7,8-PeCDF	None	None	None	ND(0.0000000025)	0.0000000037 JB	0.0000000000033 J
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000024)	ND(0.0000000015)	0.0000000000035 J
PeCDFs (total)	None	None	None	ND(0.0000000025)	0.0000000037	0.0000000000022 I
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.0000000011)	0.0000000025 JB	0.0000000000052 J
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.0000000011)	ND(0.0000000015) X	0.0000000000041 J
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.0000000016)	0.0000000021 JB	0.0000000000031 J
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.0000000012)	ND(0.00000000090)	0.0000000000038 J
HxCDFs (total)	None	None	None	ND(0.0000000016)	0.0000000046 JB	0.0000000000034
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.0000000073)	0.0000000025 JB	0.0000000000054 J
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.0000000090)	ND(0.0000000015)	0.0000000000026 J
HpCDFs (total)	None	None	None	0.0000000078 J	0.0000000025	0.000000000012
OCDF	None	None	None	ND(0.0000000037)	0.0000000046 JB	0.0000000000069 J
Dioxins						
2,3,7,8-TCDD	None	None	None	ND(0.0000000012)	ND(0.00000000018)	ND(0.0000000000022) X
TCDDs (total)	None	None	None	ND(0.0000000012)	ND(0.00000000018)	ND(0.00000000000040)
1,2,3,7,8-PeCDD	None	None	None	ND(0.0000000046)	ND(0.0000000015)	ND(0.0000000000037) X
PeCDDs (total)	None	None	None	ND(0.0000000046)	ND(0.0000000015)	ND(0.0000000000022)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000034)	ND(0.0000000012)	0.0000000000022 J
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.0000000042)	ND(0.0000000013)	ND(0.0000000000020) X
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.0000000038)	ND(0.0000000012)	0.0000000000021 J
HxCDDs (total)	None	None	None	ND(0.0000000042)	ND(0.0000000025) X	0.0000000000092
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.0000000070)	0.0000000045 JB	0.0000000000064 J
HpCDDs (total)	None	None	None	ND(0.0000000070)	0.0000000045	0.000000000012
OCDD	None	None	None	ND(0.0000000044)	0.0000000029 JB	0.0000000000060 J
Total TEQs (WHO TEFs)	None	None	None	0.0000000046	0.0000000031	0.0000000000073
Inorganics-Unfiltered						
Antimony	None	Not Applicable	3	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	ND(0.00600)	0.00450 B	ND(0.0100)
Barium	None	Not Applicable	100	0.0620	0.0240 B	0.0240 B
Beryllium	None	Not Applicable	0.5	ND(0.00600)	ND(0.00100)	ND(0.00100)
Cadmium	None	Not Applicable	0.1	ND(0.00600)	ND(0.00500)	ND(0.00500)
Chromium	None	Not Applicable	20	ND(0.0130)	ND(0.0100)	0.00470 B
Cobalt	None	None	None	ND(0.0600)	0.000350 B	ND(0.0500)
Copper	None	None	None	ND(0.0330)	ND(0.0250)	0.00660 B
Cyanide	None	Not Applicable	2	ND(0.0200)	ND(0.0100)	ND(0.0100)
Lead	None	Not Applicable	0.3	ND(0.130)	ND(0.00500)	ND(0.00500)
Nickel	None	Not Applicable	1	ND(0.0600)	ND(0.0400)	ND(0.0400)
Selenium	None	Not Applicable	0.8	ND(0.00600)	ND(0.00500)	ND(0.00500)
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0130)	ND(0.0100)	ND(0.0100)
Vanadium	None	Not Applicable	20	ND(0.0600)	ND(0.0500)	ND(0.0500)
Zinc	None	Not Applicable	20	ND(0.0260)	0.0280	0.0210
Inorganics-Filtered						
Antimony	None	0.3	3	NS	ND(0.0600)	ND(0.0600)
Arsenic	None	0.4	4	NS	ND(0.0100)	ND(0.0100)
Barium	None	30	100	NS	0.0230 B	0.0220 B
Beryllium	None	0.05	0.5	NS	ND(0.00100)	ND(0.00100)
Cadmium	None	0.01	0.1	NS	ND(0.00500)	ND(0.00500)
Chromium	None	2	20	NS	ND(0.0100)	ND(0.0100)
Cobalt	None	None	None	NS	ND(0.0500)	ND(0.0500)
Copper	None	None	None	NS	0.00420 B	ND(0.0250)
Lead	None	0.03	0.3	NS	ND(0.00500)	ND(0.00500)
Nickel	None	0.08	1	NS	ND(0.0400)	ND(0.0400)
Selenium	None	0.08	0.8	NS	ND(0.00500)	ND(0.00500)
Thallium	None	0.4	4	NS	ND(0.0100)	ND(0.0100)
Vanadium	None	2	20	NS	ND(0.0500)	ND(0.0500)
Zinc	None	0.9	20	NS	0.0280	0.0180 B

TABLE 3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-2 06/15/99	OPCA-MW-2 05/02/01	OPCA-MW-2 10/31/01
Volatile Organics						
Toluene	6	50	100	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)
PCBs-Unfiltered						
Aroclor-1254	None	None	None	ND(0.000050) [ND(0.000050)]	ND(0.000065)	0.00014
Aroclor-1260	None	None	None	ND(0.000050) [ND(0.000050)]	ND(0.000065)	0.00047
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.000050) [ND(0.000050)]	ND(0.000065)	0.00061
PCBs-Filtered						
Aroclor-1254	None	None	None	NS	ND(0.000065)	0.00026
Aroclor-1260	None	None	None	NS	ND(0.000065)	0.00067
Total PCBs	None	0.0003	0.005	NS	ND(0.000065)	0.00093
Semivolatile Organics						
Acenaphthene	None	5	50	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Furans						
2,3,7,8-TCDF	None	None	None	ND(0.00000000080) [ND(0.00000000060)]	ND(0.0000000013)	ND(0.000000000010) X
TCDFs (total)	None	None	None	ND(0.00000000080) [ND(0.00000000060)]	ND(0.0000000013)	0.000000000032
1,2,3,7,8-PeCDF	None	None	None	ND(0.0000000038) [ND(0.0000000021)]	ND(0.0000000020)	0.000000000021 J
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000040) [ND(0.0000000023)]	ND(0.0000000020)	ND(0.000000000032) X
PeCDFs (total)	None	None	None	ND(0.0000000040) [ND(0.0000000023)]	ND(0.0000000020)	0.000000000016 I
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.000000011) [ND(0.0000000051)]	0.0000000022 JB	0.000000000079 J
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.000000011) [ND(0.0000000052)]	ND(0.0000000010)	0.000000000042 J
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.000000017) [ND(0.0000000049)]	ND(0.0000000014)	ND(0.000000000026) X
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.000000011) [ND(0.0000000054)]	ND(0.0000000012)	ND(0.000000000024) X
HxCDFs (total)	None	None	None	ND(0.000000017) [ND(0.0000000054)]	0.0000000022	0.000000000016
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.000000048) [ND(0.0000000011)]	ND(0.0000000018)	ND(0.0000000000074) X
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.000000031) [ND(0.0000000013)]	ND(0.0000000022)	0.000000000039 J
HpCDFs (total)	None	None	None	ND(0.000000048) [0.0000000013 J]	ND(0.0000000020)	0.000000000014
OCDF	None	None	None	ND(0.000000022) [ND(0.0000000010)]	ND(0.0000000043)	0.000000000022 J
Dioxins						
2,3,7,8-TCDD	None	None	None	ND(0.0000000015) [ND(0.0000000011)]	ND(0.0000000017)	ND(0.0000000000021) X
TCDDs (total)	None	None	None	ND(0.0000000015) [ND(0.0000000011)]	ND(0.0000000017)	ND(0.0000000000015)
1,2,3,7,8-PeCDD	None	None	None	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000018)	ND(0.0000000000023) X
PeCDDs (total)	None	None	None	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000018)	ND(0.0000000000026)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.000000014) [ND(0.0000000068)]	ND(0.0000000017)	0.0000000000014 J
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)	0.0000000000018 J
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000017)	0.0000000000014 J
HxCDDs (total)	None	None	None	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)	0.000000000012
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.000000036) [ND(0.0000000013)]	ND(0.0000000031)	0.0000000000062 J
HpCDDs (total)	None	None	None	ND(0.000000036) [ND(0.0000000013)]	ND(0.0000000031)	0.000000000011
OCDD	None	None	None	ND(0.000000033) [ND(0.0000000015)]	0.000000012 JB	0.000000000049 J
Total TEQs (WHO TEFs)	None	None	None	0.000000015 [0.0000000074]	0.0000000031	0.0000000000052
Inorganics-Unfiltered						
Antimony	None	Not Applicable	3	ND(0.0600) [ND(0.0600)]	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	ND(0.00600) [ND(0.00600)]	ND(0.0100)	0.0190
Barium	None	Not Applicable	100	0.0320 [0.0340]	0.0190 B	0.130 B
Beryllium	None	Not Applicable	0.5	ND(0.00600) [ND(0.00600)]	ND(0.00100)	0.000820 B
Cadmium	None	Not Applicable	0.1	ND(0.00600) [ND(0.00600)]	ND(0.00500)	0.00300 B
Chromium	None	Not Applicable	20	ND(0.0130) [ND(0.0130)]	ND(0.0100)	0.0510
Cobalt	None	None	None	ND(0.0600) [ND(0.0600)]	ND(0.0500)	0.0180 B
Copper	None	None	None	ND(0.0330) [ND(0.0330)]	ND(0.0250)	0.0510
Cyanide	None	Not Applicable	2	ND(0.0200) [ND(0.0200)]	ND(0.0100)	ND(0.0100)
Lead	None	Not Applicable	0.3	ND(0.130) [ND(0.130)]	ND(0.00500)	0.0180
Nickel	None	Not Applicable	1	ND(0.0600) [ND(0.0600)]	ND(0.0400)	0.0360 B
Selenium	None	Not Applicable	0.8	ND(0.00600) [ND(0.00600)]	0.00890	ND(0.00500)
Sulfide	None	None	None	ND(5.00) [ND(5.00)]	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0130) [ND(0.0130)]	ND(0.0100)	ND(0.0100)
Vanadium	None	Not Applicable	20	ND(0.0600) [ND(0.0600)]	ND(0.0500)	0.0380 B
Zinc	None	Not Applicable	20	ND(0.0260) [ND(0.0260)]	0.0160 B	0.150
Inorganics-Filtered						
Antimony	None	0.3	3	NS	ND(0.0600)	ND(0.0600)
Arsenic	None	0.4	4	NS	ND(0.0100)	ND(0.0100)
Barium	None	30	100	NS	0.0180 B	0.0200 B
Beryllium	None	0.05	0.5	NS	ND(0.00100)	ND(0.00100)
Cadmium	None	0.01	0.1	NS	ND(0.00500)	ND(0.00500)
Chromium	None	2	20	NS	ND(0.0100)	ND(0.0100)
Cobalt	None	None	None	NS	ND(0.0500)	ND(0.0500)
Copper	None	None	None	NS	ND(0.0250)	ND(0.0250)
Lead	None	0.03	0.3	NS	ND(0.00500)	ND(0.00500)
Nickel	None	0.08	1	NS	ND(0.0400)	ND(0.0400)
Selenium	None	0.08	0.8	NS	ND(0.00500)	ND(0.00500)
Thallium	None	0.4	4	NS	ND(0.0100)	ND(0.0100)
Vanadium	None	2	20	NS	ND(0.0500)	ND(0.0500)
Zinc	None	0.9	20	NS	0.0200 B	0.0140 B

TABLE 3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-3 06/16/99	OPCA-MW-3 05/02/01	OPCA-MW-3 11/02/01
Volatile Organics						
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered						
Aroclor-1254	None	None	None	0.000040 J	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1260	None	None	None	ND(0.000051)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	Not Applicable	Not Applicable	0.005	0.000040 J	ND(0.000065)	ND(0.000065) [ND(0.000065)]
PCBs-Filtered						
Aroclor-1254	None	None	None	NS	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1260	None	None	None	NS	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	None	0.0003	0.005	NS	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Semivolatile Organics						
Acenaphthene	None	5	50	ND(0.011)	ND(0.010)	ND(0.010) [ND(0.010)]
Dibenzofuran	None	None	None	ND(0.011)	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene	6	6	60	ND(0.011)	ND(0.010)	ND(0.010) [ND(0.010)]
Furans						
2,3,7,8-TCDF	None	None	None	ND(0.0000000035)	ND(0.0000000011)	ND(0.00000000000080) [0.0000000000018 J]
TCDFs (total)	None	None	None	ND(0.0000000035)	ND(0.0000000011)	ND(0.00000000000080) [0.0000000000065]
1,2,3,7,8-PeCDF	None	None	None	ND(0.0000000041)	ND(0.0000000016)	ND(0.0000000000017) X [0.0000000000041 J]
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000039)	ND(0.0000000016)	ND(0.0000000000018) X [ND(0.0000000000035) X]
PeCDFs (total)	None	None	None	ND(0.0000000041)	ND(0.0000000016)	ND(0.00000000000080) [0.0000000000085]
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.0000000013)	ND(0.0000000010)	ND(0.0000000000015) X [0.0000000000032 J]
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.0000000013)	ND(0.0000000010)	ND(0.0000000000015) X [0.0000000000032 J]
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.0000000018)	ND(0.0000000013)	ND(0.0000000000013) X [ND(0.0000000000032) X]
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.0000000013)	ND(0.0000000011)	ND(0.0000000000012) X [0.0000000000023 J]
HxCDFs (total)	None	None	None	ND(0.0000000018)	ND(0.0000000011)	ND(0.0000000000012) [0.0000000000086]
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.0000000080)	ND(0.0000000014)	ND(0.0000000000027) X [ND(0.0000000000038) X]
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.0000000099)	ND(0.0000000017)	ND(0.0000000000022) [ND(0.0000000000026)]
HpCDFs (total)	None	None	None	ND(0.0000000099)	ND(0.0000000015)	ND(0.0000000000020) [ND(0.0000000000023)]
OCDF	None	None	None	ND(0.0000000041)	ND(0.0000000031)	0.0000000000052 J [0.0000000000067 J]
Dioxins						
2,3,7,8-TCDD	None	None	None	ND(0.0000000020)	ND(0.0000000016)	ND(0.00000000000070) [ND(0.0000000000027) X]
TCDDs (total)	None	None	None	ND(0.0000000020)	ND(0.0000000016)	ND(0.0000000000023) [ND(0.0000000000022)]
1,2,3,7,8-PeCDD	None	None	None	ND(0.0000000089)	ND(0.0000000018)	0.0000000000019 J [0.0000000000041 J]
PeCDDs (total)	None	None	None	ND(0.0000000089)	ND(0.0000000018)	0.0000000000019 [0.0000000000041]
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000058)	ND(0.0000000016)	ND(0.0000000000018) [0.0000000000023 J]
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.0000000072)	ND(0.0000000017)	ND(0.0000000000016) [0.0000000000031 J]
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.0000000064)	ND(0.0000000016)	ND(0.0000000000017) [ND(0.0000000000023) X]
HxCDDs (total)	None	None	None	ND(0.0000000072)	ND(0.0000000016)	ND(0.0000000000048) [0.0000000000055]
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.0000000077)	ND(0.0000000025)	0.0000000000032 J [0.0000000000053 J]
HpCDDs (total)	None	None	None	ND(0.0000000077)	ND(0.0000000025)	0.0000000000050 [0.0000000000053]
OCDD	None	None	None	ND(0.0000000048)	0.000000010 JB	ND(0.000000000019) X [0.000000000024 J]
Total TEQs (WHO TEFs)	None	None	None	0.0000000081	0.0000000027	0.0000000000034 [0.0000000000085]
Inorganics-Unfiltered						
Antimony	None	Not Applicable	3	ND(0.0600)	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	None	Not Applicable	4	ND(0.00600)	0.00420 B	ND(0.0100) [ND(0.0100)]
Barium	None	Not Applicable	100	0.00950	0.0760 B	0.110 B [0.100 B]
Beryllium	None	Not Applicable	0.5	ND(0.00600)	ND(0.00100)	ND(0.00100) [ND(0.00100)]
Cadmium	None	Not Applicable	0.1	ND(0.00600)	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Chromium	None	Not Applicable	20	ND(0.0130)	ND(0.0100)	0.00410 B [0.00330 B]
Cobalt	None	None	None	ND(0.0600)	ND(0.0500)	0.00360 B [0.00290 B]
Copper	None	None	None	ND(0.0330)	0.00610 B	0.00680 B [0.00600 B]
Cyanide	None	Not Applicable	2	ND(0.0200)	ND(0.0100)	0.00220 B [ND(0.0100)]
Lead	None	Not Applicable	0.3	ND(0.130)	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Nickel	None	Not Applicable	1	ND(0.0600)	ND(0.0400)	0.00520 B [ND(0.0400)]
Selenium	None	Not Applicable	0.8	ND(0.00600)	0.00540	ND(0.00500) [ND(0.00500)]
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00) [ND(5.00)]
Thallium	None	Not Applicable	4	ND(0.0130)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Vanadium	None	Not Applicable	20	ND(0.0600)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	None	Not Applicable	20	0.0880	0.0350	0.0250 [0.0170 B]
Inorganics-Filtered						
Antimony	None	0.3	3	NS	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	None	0.4	4	NS	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Barium	None	30	100	NS	0.0700 B	0.100 B [0.100 B]
Beryllium	None	0.05	0.5	NS	ND(0.00100)	ND(0.00100) [ND(0.00100)]
Cadmium	None	0.01	0.1	NS	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Chromium	None	2	20	NS	ND(0.0100)	0.00300 B [ND(0.0100)]
Cobalt	None	None	None	NS	ND(0.0500)	0.00320 B [0.00260 B]
Copper	None	None	None	NS	0.00660 B	0.00570 B [0.00590 B]
Lead	None	0.03	0.3	NS	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Nickel	None	0.08	1	NS	ND(0.0400)	0.00420 B [0.00420 B]
Selenium	None	0.08	0.8	NS	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Thallium	None	0.4	4	NS	ND(0.0100)	0.0110 [ND(0.0100)]
Vanadium	None	2	20	NS	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	None	0.9	20	NS	0.170	0.00770 B [ND(0.0200)]

TABLE 3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-4 06/15/99	OPCA-MW-4 05/02/01	OPCA-MW-4 10/30/01	OPCA-MW-5 06/15/99
Volatile Organics							
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered							
Aroclor-1254	None	None	None	0.00089	0.000093	0.00018	ND(0.000051)
Aroclor-1260	None	None	None	ND(0.000050)	ND(0.000065)	ND(0.000065)	ND(0.000051)
Total PCBs	Not Applicable	Not Applicable	0.005	0.00089	0.000093	0.00018	ND(0.000051)
PCBs-Filtered							
Aroclor-1254	None	None	None	NS	0.00015	0.000045 J	NS
Aroclor-1260	None	None	None	NS	ND(0.000065)	ND(0.000065)	NS
Total PCBs	None	0.0003	0.005	NS	0.00015	0.000045 J	NS
Semivolatile Organics							
Acenaphthene	None	5	50	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans							
2,3,7,8-TCDF	None	None	None	ND(0.00000000070)	ND(0.000000012)	0.000000000014	ND(0.00000000080)
TCDFs (total)	None	None	None	ND(0.00000000070)	0.000000016	0.00000000037	ND(0.00000000080)
1,2,3,7,8-PeCDF	None	None	None	ND(0.0000000043)	0.0000000083 JB	0.000000000010 J	ND(0.0000000028)
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000040)	ND(0.0000000011) X	ND(0.000000000084) X	ND(0.0000000027)
PeCDFs (total)	None	None	None	ND(0.0000000043)	0.000000063	0.00000000030	ND(0.0000000028)
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.0000000090)	0.0000000053 JB	0.000000000033	ND(0.0000000050)
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.0000000092)	0.0000000045 JB	ND(0.000000000049)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.0000000087)	0.0000000056 JB	ND(0.000000000061)	ND(0.0000000049)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.0000000095)	0.0000000032 JB	ND(0.000000000054)	ND(0.0000000053)
HxCDFs (total)	None	None	None	ND(0.0000000095)	0.000000019	0.00000000012	ND(0.0000000053)
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.000000020)	0.0000000046 JB	0.000000000012 J	ND(0.0000000088)
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.000000020)	0.0000000037 JB	0.000000000034 J	ND(0.0000000088)
HpCDFs (total)	None	None	None	ND(0.000000020)	0.0000000084	0.000000000021	ND(0.0000000088)
OCDF	None	None	None	ND(0.000000020)	0.0000000090 JB	0.000000000015 J	ND(0.0000000078)
Dioxins							
2,3,7,8-TCDD	None	None	None	ND(0.0000000013)	0.0000000047 JB	ND(0.0000000000015)	ND(0.0000000012)
TCDDs (total)	None	None	None	ND(0.0000000013)	0.0000000047	ND(0.0000000000024)	ND(0.0000000012)
1,2,3,7,8-PeCDD	None	None	None	ND(0.000000018)	0.0000000065 JB	ND(0.0000000000012)	ND(0.000000014)
PeCDDs (total)	None	None	None	ND(0.000000018)	0.0000000065	ND(0.0000000000012)	ND(0.000000014)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.000000013)	0.0000000043 JB	ND(0.0000000000052)	ND(0.0000000062)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.000000016)	ND(0.0000000016)	ND(0.0000000000046)	ND(0.0000000077)
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.000000014)	0.0000000052 JB	ND(0.0000000000047)	ND(0.0000000068)
HxCDDs (total)	None	None	None	ND(0.000000016)	0.0000000094	ND(0.0000000000048)	ND(0.0000000077)
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.000000027)	0.0000000064 JB	0.0000000000048 J	ND(0.000000012)
HpCDDs (total)	None	None	None	ND(0.000000027)	0.0000000064	0.0000000000080	ND(0.000000012)
OCDD	None	None	None	ND(0.000000030)	0.000000029 JB	0.000000000028 J	ND(0.000000012)
Total TEQs (WHO TEFs)	None	None	None	0.000000015	0.000000017	0.000000000010	0.000000011
Inorganics-Unfiltered							
Antimony	None	Not Applicable	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	ND(0.00600)	ND(0.0100)	ND(0.0100)	ND(0.00600)
Barium	None	Not Applicable	100	0.0370	0.0270 B	0.0280 B	0.0290
Beryllium	None	Not Applicable	0.5	ND(0.00600)	ND(0.00100)	ND(0.00100)	ND(0.00600)
Cadmium	None	Not Applicable	0.1	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00600)
Chromium	None	Not Applicable	20	ND(0.0130)	ND(0.0100)	ND(0.0100)	ND(0.0130)
Cobalt	None	None	None	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0600)
Copper	None	None	None	ND(0.0330)	ND(0.0250)	ND(0.0250)	ND(0.0330)
Cyanide	None	Not Applicable	2	ND(0.0200)	ND(0.0100)	ND(0.0100)	ND(0.0200)
Lead	None	Not Applicable	0.3	ND(0.130)	ND(0.00500)	ND(0.00500)	ND(0.130)
Nickel	None	Not Applicable	1	ND(0.0600)	ND(0.0400)	ND(0.0400)	ND(0.0600)
Selenium	None	Not Applicable	0.8	ND(0.00600)	ND(0.00500)	ND(0.00500)	ND(0.00600)
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0130)	ND(0.0100)	ND(0.0100)	ND(0.0130)
Vanadium	None	Not Applicable	20	ND(0.0600)	ND(0.0500)	ND(0.0500)	ND(0.0600)
Zinc	None	Not Applicable	20	ND(0.0260)	0.0130 B	0.00890 B	ND(0.0260)
Inorganics-Filtered							
Antimony	None	0.3	3	NS	0.00800 B	ND(0.0600)	NS
Arsenic	None	0.4	4	NS	ND(0.0100)	ND(0.0100)	NS
Barium	None	30	100	NS	0.0260 B	0.0300 B	NS
Beryllium	None	0.05	0.5	NS	ND(0.00100)	ND(0.00100)	NS
Cadmium	None	0.01	0.1	NS	ND(0.00500)	ND(0.00500)	NS
Chromium	None	2	20	NS	ND(0.0100)	ND(0.0100)	NS
Cobalt	None	None	None	NS	ND(0.0500)	ND(0.0500)	NS
Copper	None	None	None	NS	ND(0.0250)	ND(0.0250)	NS
Lead	None	0.03	0.3	NS	ND(0.00500)	ND(0.00500)	NS
Nickel	None	0.08	1	NS	ND(0.0400)	ND(0.0400)	NS
Selenium	None	0.08	0.8	NS	0.00650	ND(0.00500)	NS
Thallium	None	0.4	4	NS	ND(0.0100)	ND(0.0100)	NS
Vanadium	None	2	20	NS	ND(0.0500)	ND(0.0500)	NS
Zinc	None	0.9	20	NS	0.0150 B	0.0570	NS

TABLE 3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-5R 06/28/01	OPCA-MW-5R 10/31/01	OPCA-MW-6 06/15/99	OPCA-MW-6 05/02/01
Volatile Organics							
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered							
Aroclor-1254	None	None	None	ND(0.000065)	0.000033 J	0.00012	ND(0.000065)
Aroclor-1260	None	None	None	ND(0.000065)	0.000036 J	ND(0.000050)	ND(0.000065)
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.000065)	0.000069 J	0.00012	ND(0.000065)
PCBs-Filtered							
Aroclor-1254	None	None	None	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1260	None	None	None	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Total PCBs	None	0.0003	0.005	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Semivolatile Organics							
Acenaphthene	None	5	50	0.011	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	0.0038 J	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	0.062	ND(0.010)	ND(0.010)	ND(0.010)
Furans							
2,3,7,8-TCDF	None	None	None	ND(0.0000000000015)	ND(0.00000000000060)	ND(0.0000000090)	ND(0.0000000012)
TCDFs (total)	None	None	None	ND(0.0000000000015)	ND(0.00000000000060)	ND(0.0000000090)	ND(0.0000000012)
1,2,3,7,8-PeCDF	None	None	None	ND(0.00000000000080)	ND(0.0000000000020) X	ND(0.0000000033)	ND(0.0000000016)
2,3,4,7,8-PeCDF	None	None	None	ND(0.00000000000080)	0.0000000000018 J	ND(0.0000000031)	ND(0.0000000016)
PeCDFs (total)	None	None	None	ND(0.00000000000080)	0.0000000000018	ND(0.0000000033)	ND(0.0000000016)
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.0000000000020)	0.0000000000018 J	ND(0.0000000089)	0.0000000015 JB
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.0000000000019)	0.0000000000018 J	ND(0.0000000092)	ND(0.0000000011)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.0000000000024)	0.0000000000020 J	ND(0.0000000087)	ND(0.0000000014)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.0000000000022)	ND(0.00000000000050)	ND(0.0000000096)	ND(0.0000000012)
HxCDFs (total)	None	None	None	ND(0.0000000000021)	0.000000000056	ND(0.0000000095)	0.0000000015
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.0000000000019)	ND(0.0000000000018) X	ND(0.000000020)	ND(0.0000000017)
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.0000000000023)	ND(0.00000000000080)	ND(0.000000020)	ND(0.0000000020)
HpCDFs (total)	None	None	None	ND(0.0000000000021)	ND(0.0000000000070)	ND(0.000000020)	ND(0.0000000018)
OCDF	None	None	None	ND(0.000000000010)	ND(0.0000000000080)	ND(0.000000020)	ND(0.0000000039)
Dioxins							
2,3,7,8-TCDD	None	None	None	ND(0.0000000000031)	ND(0.00000000000070)	ND(0.0000000012)	ND(0.0000000017)
TCDDs (total)	None	None	None	ND(0.0000000000031)	ND(0.0000000000010)	ND(0.0000000012)	ND(0.0000000017)
1,2,3,7,8-PeCDD	None	None	None	ND(0.0000000000015)	0.0000000000021 J	ND(0.000000012)	ND(0.0000000019)
PeCDDs (total)	None	None	None	ND(0.0000000000044)	0.0000000000021	ND(0.000000012)	ND(0.0000000019)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000000029)	ND(0.00000000000090)	ND(0.000000012)	ND(0.0000000016)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.0000000000031)	ND(0.00000000000080)	ND(0.000000015)	ND(0.0000000016)
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.0000000000028)	ND(0.0000000000022) X	ND(0.000000013)	ND(0.0000000016)
HxCDDs (total)	None	None	None	ND(0.0000000000033)	ND(0.0000000000027)	ND(0.000000015)	ND(0.0000000016)
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.0000000000028)	ND(0.0000000000035) X	ND(0.000000026)	ND(0.0000000026)
HpCDDs (total)	None	None	None	ND(0.0000000000040)	ND(0.00000000000060)	ND(0.000000026)	ND(0.0000000026)
OCDD	None	None	None	ND(0.000000000016) X	ND(0.000000000013) X	ND(0.000000029)	ND(0.0000000047)
Total TEQs (WHO TEFs)	None	None	None	0.0000000000035	0.0000000000042	0.000000012	0.0000000029
Inorganics-Unfiltered							
Antimony	None	Not Applicable	3	ND(0.0600)	ND(0.0600)	ND(0.0600)	ND(0.0600)
Arsenic	None	Not Applicable	4	0.00790 B	ND(0.0100)	ND(0.00600)	ND(0.0100)
Barium	None	Not Applicable	100	0.0590 B	0.0520 B	0.0300	0.0170 B
Beryllium	None	Not Applicable	0.5	ND(0.00100)	ND(0.00100)	ND(0.00600)	ND(0.00100)
Cadmium	None	Not Applicable	0.1	ND(0.00500)	0.000800 B	ND(0.00600)	ND(0.00500)
Chromium	None	Not Applicable	20	0.00430 B	0.0140	ND(0.0130)	ND(0.0100)
Cobalt	None	None	None	0.00620 B	0.00450 B	ND(0.0600)	ND(0.0500)
Copper	None	None	None	ND(0.0250)	0.0110 B	ND(0.0330)	0.00400 B
Cyanide	None	Not Applicable	2	ND(0.0100)	ND(0.0100)	ND(0.0200)	ND(0.0100)
Lead	None	Not Applicable	0.3	ND(0.00500)	0.00430 B	ND(0.130)	ND(0.00500)
Nickel	None	Not Applicable	1	ND(0.0400)	0.00740 B	ND(0.0600)	ND(0.0400)
Selenium	None	Not Applicable	0.8	ND(0.00500)	ND(0.00500)	ND(0.00600)	0.00570
Sulfide	None	None	None	8.00	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0100)	ND(0.0100)	ND(0.0130)	ND(0.0100)
Vanadium	None	Not Applicable	20	ND(0.0500)	0.00660 B	ND(0.0600)	ND(0.0500)
Zinc	None	Not Applicable	20	0.0150 B	0.0500	ND(0.0260)	0.0210
Inorganics-Filtered							
Antimony	None	0.3	3	ND(0.0600)	ND(0.0600)	NS	ND(0.0600)
Arsenic	None	0.4	4	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Barium	None	30	100	0.0440 B	0.0280 B	NS	0.0160 B
Beryllium	None	0.05	0.5	0.000860 B	ND(0.00100)	NS	ND(0.00100)
Cadmium	None	0.01	0.1	0.00140 B	0.000850 B	NS	ND(0.00500)
Chromium	None	2	20	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Cobalt	None	None	None	0.00660 B	ND(0.0500)	NS	ND(0.0500)
Copper	None	None	None	ND(0.0250)	ND(0.0250)	NS	ND(0.0250)
Lead	None	0.03	0.3	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Nickel	None	0.08	1	ND(0.0400)	ND(0.0400)	NS	ND(0.0400)
Selenium	None	0.08	0.8	ND(0.00500)	ND(0.00500)	NS	0.00590
Thallium	None	0.4	4	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Vanadium	None	2	20	ND(0.0500)	ND(0.0500)	NS	ND(0.0500)
Zinc	None	0.9	20	0.0110 B	0.0280	NS	0.0150 B

TABLE 3

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-7 06/15/99	OPCA-MW-7 05/01/01	OPCA-MW-7 11/1-11/7/01	OPCA-MW-8 06/14/99
Volatile Organics							
Toluene	6	50	100	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Total VOCs	5	None	None	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]	ND(0.20)
PCBs-Unfiltered							
Aroclor-1254	None	None	None	ND(0.000051)	ND(0.000065)	NS	ND(0.00010)
Aroclor-1260	None	None	None	ND(0.000051)	ND(0.000065)	NS	ND(0.00010)
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.000051)	ND(0.000065)	NS	ND(0.00010)
PCBs-Filtered							
Aroclor-1254	None	None	None	NS	ND(0.000065)	NS	NS
Aroclor-1260	None	None	None	NS	ND(0.000065)	NS	NS
Total PCBs	None	0.0003	0.005	NS	ND(0.000065)	NS	NS
Semivolatile Organics							
Acenaphthene	None	5	50	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
Dibenzofuran	None	None	None	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	6	6	60	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.010)
Furans							
2,3,7,8-TCDF	None	None	None	ND(0.00000000080)	ND(0.0000000014)	ND(0.00000000000021) X	ND(0.000000000070)
TCDFs (total)	None	None	None	ND(0.00000000080)	ND(0.0000000014)	0.0000000000019	ND(0.000000000070)
1,2,3,7,8-PeCDF	None	None	None	ND(0.0000000030)	ND(0.0000000016)	ND(0.00000000000014) X	ND(0.0000000029)
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000028)	ND(0.0000000016)	ND(0.00000000000024) X	ND(0.0000000027)
PeCDFs (total)	None	None	None	ND(0.0000000030)	ND(0.0000000016)	0.0000000000043	ND(0.0000000029)
1,2,3,4,7,8-HxCDF	None	None	None	ND(0.0000000069)	0.0000000016 JB	ND(0.00000000000010)	ND(0.0000000097)
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.0000000070)	ND(0.000000000090)	ND(0.00000000000090)	ND(0.0000000099)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.0000000067)	ND(0.0000000011)	ND(0.00000000000011)	ND(0.0000000094)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.0000000073)	ND(0.0000000010)	ND(0.0000000000010)	ND(0.000000010)
HxCDFs (total)	None	None	None	ND(0.0000000073)	0.0000000016	0.0000000000013	ND(0.000000010)
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.000000013)	ND(0.0000000016)	ND(0.0000000000016)	ND(0.000000022)
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.000000013)	ND(0.0000000020)	ND(0.0000000000020)	ND(0.000000022)
HpCDFs (total)	None	None	None	ND(0.000000013)	ND(0.0000000018)	ND(0.0000000000018)	ND(0.000000022)
OCDF	None	None	None	ND(0.000000012)	ND(0.0000000038)	ND(0.0000000000026) X	ND(0.000000025)
Dioxins							
2,3,7,8-TCDD	None	None	None	ND(0.0000000013)	ND(0.0000000020)	ND(0.00000000000090)	ND(0.0000000011)
TCDDs (total)	None	None	None	ND(0.0000000013)	ND(0.0000000020)	ND(0.00000000000090)	ND(0.0000000011)
1,2,3,7,8-PeCDD	None	None	None	ND(0.000000010)	ND(0.0000000021)	ND(0.00000000000060)	ND(0.000000011)
PeCDDs (total)	None	None	None	ND(0.000000010)	ND(0.0000000021)	ND(0.0000000000016)	ND(0.000000011)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000097)	ND(0.0000000017)	ND(0.0000000000018)	ND(0.000000013)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.000000012)	ND(0.0000000017)	ND(0.0000000000016)	ND(0.000000016)
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.000000011)	ND(0.0000000016)	ND(0.0000000000017)	ND(0.000000014)
HxCDDs (total)	None	None	None	ND(0.000000012)	ND(0.000000010) X	0.0000000000061	ND(0.000000016)
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.000000017)	ND(0.0000000030)	0.0000000000062 J	ND(0.000000030)
HpCDDs (total)	None	None	None	ND(0.000000017)	ND(0.0000000030)	0.0000000000062	ND(0.000000030)
OCDD	None	None	None	ND(0.000000018)	ND(0.0000000048)	0.000000000020 J	ND(0.000000037)
Total TEQs (WHO TEFs)	None	None	None	0.0000000098	0.0000000032	0.0000000000020	0.000000011
Inorganics-Unfiltered							
Antimony	None	Not Applicable	3	ND(0.0600)	ND(0.0600)	NS	ND(0.0600)
Arsenic	None	Not Applicable	4	ND(0.00600)	ND(0.0100)	NS	ND(0.00600)
Barium	None	Not Applicable	100	0.0270	0.0600 B	NS	0.0860
Beryllium	None	Not Applicable	0.5	ND(0.00600)	ND(0.00100)	NS	ND(0.00600)
Cadmium	None	Not Applicable	0.1	ND(0.00600)	ND(0.00500)	NS	ND(0.00600)
Chromium	None	Not Applicable	20	ND(0.0130)	ND(0.0100)	NS	ND(0.0130)
Cobalt	None	None	None	ND(0.0600)	ND(0.0500)	NS	ND(0.0600)
Copper	None	None	None	ND(0.0330)	0.00790 B	NS	ND(0.0330)
Cyanide	None	Not Applicable	2	ND(0.0200)	ND(0.0100)	NS	ND(0.0200)
Lead	None	Not Applicable	0.3	ND(0.130)	ND(0.00500)	NS	ND(0.130)
Nickel	None	Not Applicable	1	ND(0.0600)	ND(0.0400)	NS	ND(0.0600)
Selenium	None	Not Applicable	0.8	ND(0.00600)	ND(0.00500)	NS	ND(0.00600)
Sulfide	None	None	None	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0130)	ND(0.0100)	NS	ND(0.0130)
Vanadium	None	Not Applicable	20	ND(0.0600)	ND(0.0500)	NS	ND(0.0600)
Zinc	None	Not Applicable	20	ND(0.0260)	0.0200 B	NS	ND(0.0260)
Inorganics-Filtered							
Antimony	None	0.3	3	NS	ND(0.0600)	NS	NS
Arsenic	None	0.4	4	NS	ND(0.0100)	NS	NS
Barium	None	30	100	NS	0.0570 B	NS	NS
Beryllium	None	0.05	0.5	NS	ND(0.00100)	NS	NS
Cadmium	None	0.01	0.1	NS	ND(0.00500)	NS	NS
Chromium	None	2	20	NS	ND(0.0100)	NS	NS
Cobalt	None	None	None	NS	ND(0.0500)	NS	NS
Copper	None	None	None	NS	0.00730 B	NS	NS
Lead	None	0.03	0.3	NS	ND(0.00500)	NS	NS
Nickel	None	0.08	1	NS	ND(0.0400)	NS	NS
Selenium	None	0.08	0.8	NS	ND(0.00500)	NS	NS
Thallium	None	0.4	4	NS	ND(0.0100)	NS	NS
Vanadium	None	2	20	NS	ND(0.0500)	NS	NS
Zinc	None	0.9	20	NS	0.0200 B	NS	NS

TABLE 3

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

PRELIMINARY ANALYTICAL DATA
SUBJECT TO VERIFICATION

Sample ID: / Parameter / Date Collected:	MCP Criteria GW-2 Standard	MCP Criteria GW-3 Standard	MCP Criteria UCL	OPCA-MW-8 05/01/01	OPCA-MW-8 11/01/01
Volatile Organics					
Toluene	6	50	100	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Total VOCs	5	None	None	ND(0.20) [ND(0.20)]	ND(0.20)
PCBs-Unfiltered					
Aroclor-1254	None	None	None	ND(0.000065) [ND(0.000065)]	0.000095
Aroclor-1260	None	None	None	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs	Not Applicable	Not Applicable	0.005	ND(0.000065) [ND(0.000065)]	0.000095
PCBs-Filtered					
Aroclor-1254	None	None	None	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Aroclor-1260	None	None	None	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Total PCBs	None	0.0003	0.005	ND(0.000065) [ND(0.000065)]	ND(0.000065)
Semivolatile Organics					
Acenaphthene	None	5	50	ND(0.010) [ND(0.010)]	ND(0.010)
Dibenzofuran	None	None	None	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene	6	6	60	ND(0.010) [ND(0.010)]	ND(0.010)
Furans					
2,3,7,8-TCDF	None	None	None	ND(0.0000000010) [ND(0.0000000018) X]	ND(0.0000000000060)
TCDFs (total)	None	None	None	ND(0.0000000010) [ND(0.0000000032) X]	ND(0.0000000000060)
1,2,3,7,8-PeCDF	None	None	None	0.0000000028 JB [0.000000026 JB]	ND(0.0000000000044)
2,3,4,7,8-PeCDF	None	None	None	ND(0.0000000011) [0.0000000034 J]	ND(0.0000000000043)
PeCDFs (total)	None	None	None	0.0000000028 [0.0000000040]	ND(0.0000000000043)
1,2,3,4,7,8-HxCDF	None	None	None	0.0000000014 JB [0.0000000045 JB]	ND(0.0000000000017)
1,2,3,6,7,8-HxCDF	None	None	None	ND(0.00000000070) [0.0000000028 JB]	ND(0.0000000000015)
1,2,3,7,8,9-HxCDF	None	None	None	ND(0.00000000090) [0.0000000018 JB]	ND(0.0000000000019)
2,3,4,6,7,8-HxCDF	None	None	None	ND(0.00000000080) [0.0000000023 JB]	ND(0.0000000000017)
HxCDFs (total)	None	None	None	0.0000000014 [0.0000000025]	ND(0.0000000000017)
1,2,3,4,6,7,8-HpCDF	None	None	None	ND(0.0000000013) [ND(0.0000000036) X]	0.00000000000052 JQ
1,2,3,4,7,8,9-HpCDF	None	None	None	ND(0.0000000016) [0.0000000040 JB]	ND(0.0000000000030)
HpCDFs (total)	None	None	None	ND(0.0000000014) [0.0000000058]	0.00000000000052 Q
OCDF	None	None	None	ND(0.0000000031) [0.0000000095 J]	ND(0.0000000000087) X
Dioxins					
2,3,7,8-TCDD	None	None	None	ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000000075)
TCDDs (total)	None	None	None	ND(0.0000000013) [ND(0.0000000014)]	ND(0.0000000000075)
1,2,3,7,8-PeCDD	None	None	None	ND(0.0000000016) [0.0000000040 JB]	ND(0.0000000000075)
PeCDDs (total)	None	None	None	ND(0.0000000016) [0.0000000040]	ND(0.0000000000075)
1,2,3,4,7,8-HxCDD	None	None	None	ND(0.0000000013) [0.0000000024 JB]	ND(0.0000000000052)
1,2,3,6,7,8-HxCDD	None	None	None	ND(0.0000000013) [ND(0.0000000019) X]	ND(0.0000000000046)
1,2,3,7,8,9-HxCDD	None	None	None	ND(0.0000000012) [0.0000000038 JB]	ND(0.0000000000047)
HxCDDs (total)	None	None	None	ND(0.0000000012) X [0.0000000062]	ND(0.0000000000048)
1,2,3,4,6,7,8-HpCDD	None	None	None	ND(0.0000000024) [0.0000000081 JB]	ND(0.0000000000011) X
HpCDDs (total)	None	None	None	ND(0.0000000014) X [0.0000000012]	0.0000000000080
OCDD	None	None	None	ND(0.0000000051) X [0.0000000043 JB]	0.00000000011 BQ
Total TEQs (WHO TEFs)	None	None	None	0.0000000024 [0.0000000098]	0.000000000010
Inorganics-Unfiltered					
Antimony	None	Not Applicable	3	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	None	Not Applicable	4	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	None	Not Applicable	100	0.0290 B [0.0300 B]	0.0350 B
Beryllium	None	Not Applicable	0.5	ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium	None	Not Applicable	0.1	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium	None	Not Applicable	20	0.00600 B [0.00520 B]	0.00370 B
Cobalt	None	None	None	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	None	None	None	ND(0.0250) [ND(0.0250)]	ND(0.0250)
Cyanide	None	Not Applicable	2	ND(0.0100) [ND(0.0100)]	0.0260
Lead	None	Not Applicable	0.3	ND(0.00500) [ND(0.00500)]	0.00490 B
Nickel	None	Not Applicable	1	ND(0.0400) [ND(0.0400)]	ND(0.0400)
Selenium	None	Not Applicable	0.8	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Sulfide	None	None	None	ND(5.00) [ND(5.00)]	ND(5.00)
Thallium	None	Not Applicable	4	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Vanadium	None	Not Applicable	20	ND(0.0500) [ND(0.0500)]	0.00440 B
Zinc	None	Not Applicable	20	0.0970 [0.120]	0.180
Inorganics-Filtered					
Antimony	None	0.3	3	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic	None	0.4	4	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Barium	None	30	100	0.0280 B [0.0280 B]	0.0310 B
Beryllium	None	0.05	0.5	ND(0.00100) [ND(0.00100)]	ND(0.00100)
Cadmium	None	0.01	0.1	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Chromium	None	2	20	0.00290 B [0.00370 B]	ND(0.0100)
Cobalt	None	None	None	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Copper	None	None	None	ND(0.0250) [0.00420 B]	ND(0.0250)
Lead	None	0.03	0.3	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Nickel	None	0.08	1	ND(0.0400) [0.00410 B]	ND(0.0400)
Selenium	None	0.08	0.8	ND(0.00500) [ND(0.00500)]	ND(0.00500)
Thallium	None	0.4	4	ND(0.0100) [ND(0.0100)]	ND(0.0100)
Vanadium	None	2	20	ND(0.0500) [ND(0.0500)]	ND(0.0500)
Zinc	None	0.9	20	0.0540 [0.0560]	0.100

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF GROUNDWATER SAMPLE DATA

(results in ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX + 3 constituents (unless otherwise noted).
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. Only Those constituents detected in one or more samples are summarized.

Data Qualifiers:

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

J - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration.

I - Polychlorinated Diphenyl Ether (PCDPE) Interference.

X - Estimated maximum possible concentration.

Q - Indicates the presence of quantitative interferences.

B - Analyte was also detected in the associated method blank.

Inorganics

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

Figures

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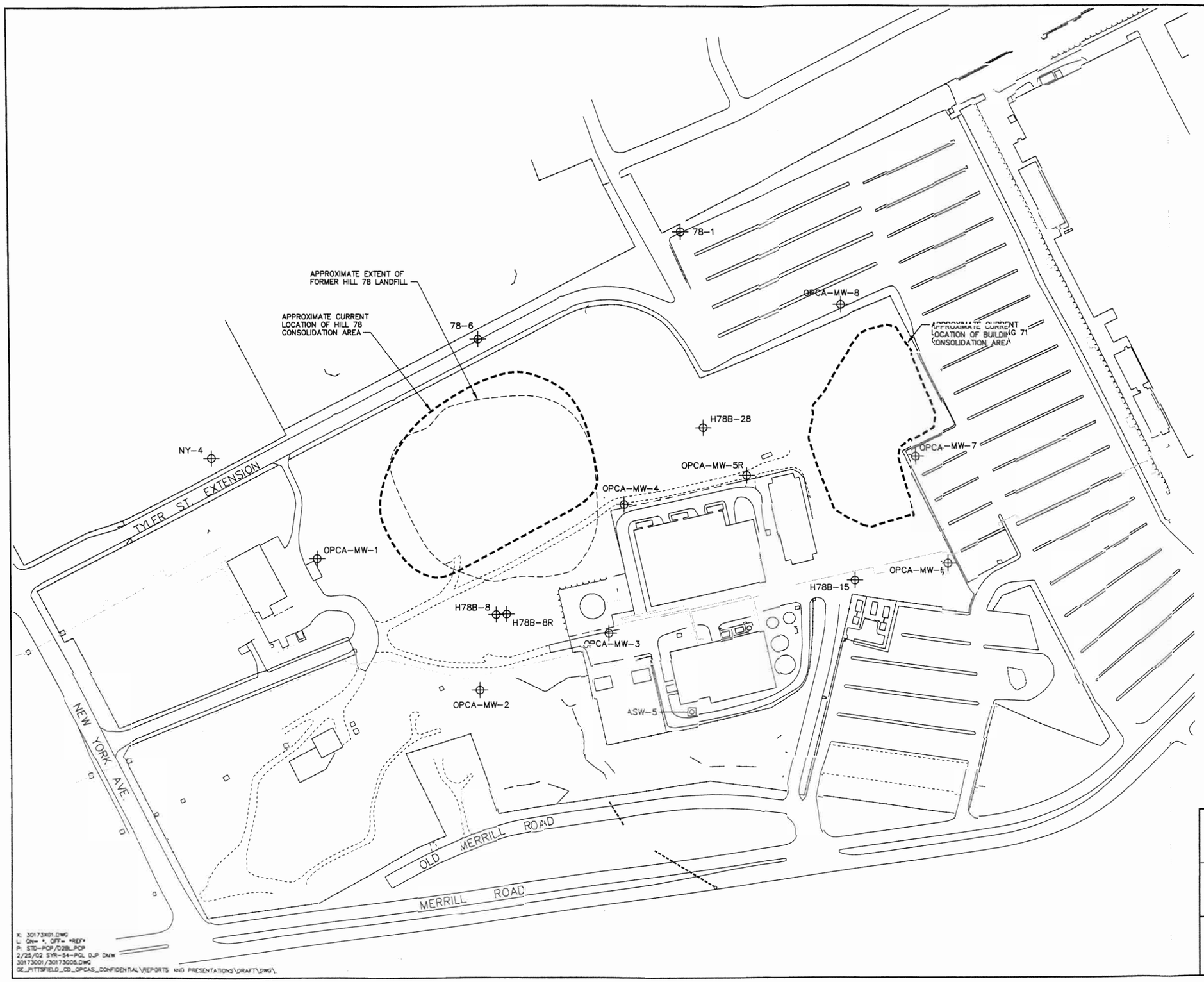

LEGEND:

FENCE

MONITORING WELL LOCATION

DEEP WATER SUPPLY WELL

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS. MERRILL ROAD DIGITIZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPT. DRAWINGS, DATED 1/14/98, AND SHOULD BE CONSIDERED APPROXIMATE.
2. SITE BOUNDARIES ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.

100' 0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

SITE MAP

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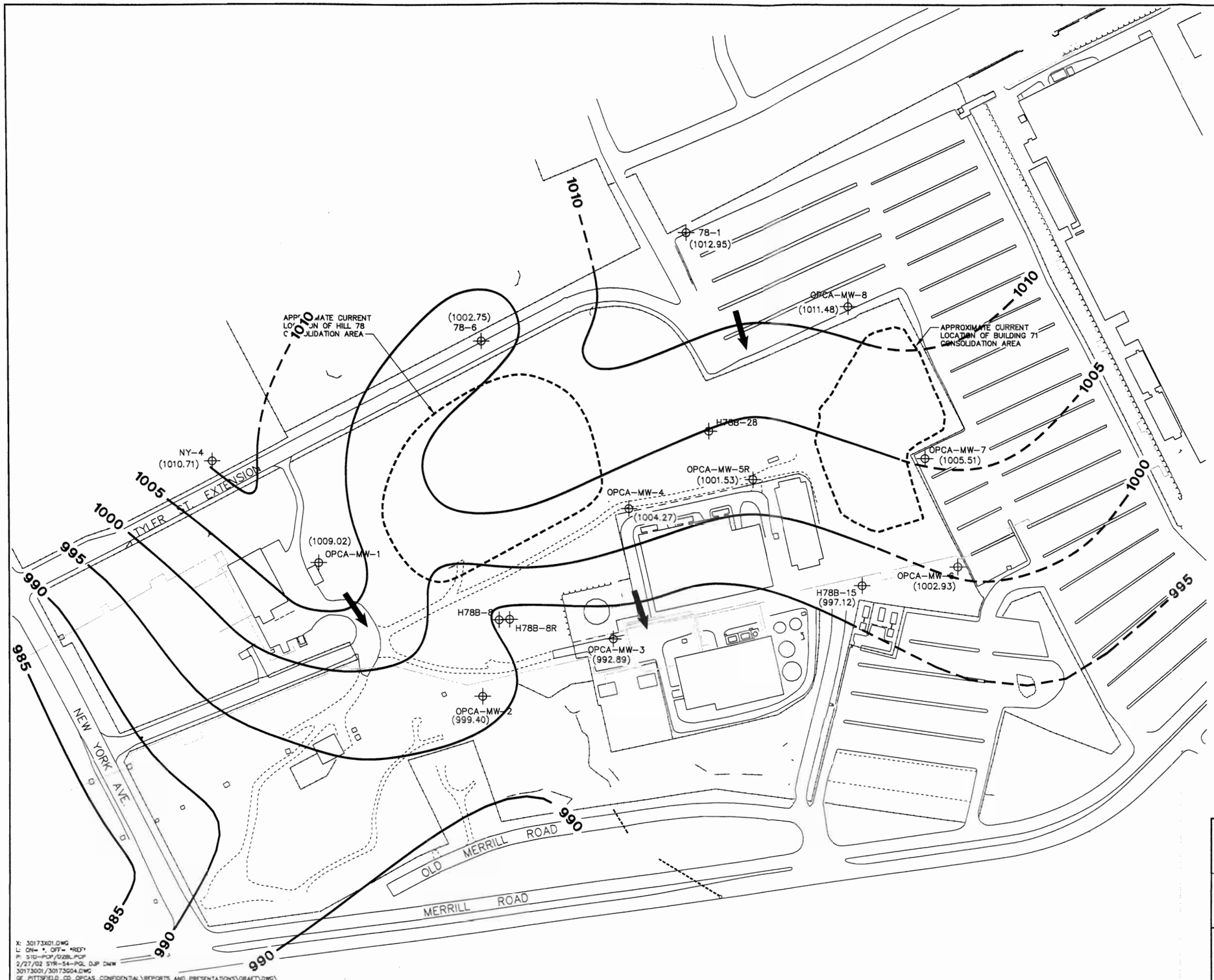
FIGURE
1

X: 30173X01.DWG
L: ON= *, OFF= *REF*
P: STD-POP/D2BL.POP
2/25/02 SYR-54-PGL OJP DMW
30173001/30173G05.DWG
GE_PITTSFIELD_CD_OPCAS_CONFIDENTIAL\REPORTS AND PRESENTATIONS\DRAFT\DWG\.



LEGEND:

- FENCE
- MONITORING WELL LOCATION
- 1000 — GROUNDWATER ELEVATION CONTOUR LINE IN FEET (5 FT INTERVAL), DASHED WHERE INFERRED
- (999.40) GROUNDWATER ELEVATION (IN FEET)
- GROUNDWATER FLOW DIRECTION

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS. MERRILL ROAD DIGITIZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPT. DRAWINGS, DATED 1/14/98, AND SHOULD BE CONSIDERED APPROXIMATE.
2. SITE BOUNDARIES ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.
4. GROUNDWATER CONTOURS ARE BASED ON GROUNDWATER ELEVATION DATA COLLECTED BY BLASLAND, BOUCK & LEE, INC. IN OCTOBER 2001.
5. THE LOCATIONS OF WELLS H78B-8 AND H78B-8R WERE SLIGHTLY MODIFIED FOR CLARITY.
6. INFERRED GROUNDWATER ELEVATION CONTOURS BASED ON REVIEW OF AVERAGE GROUNDWATER ELEVATIONS AT PLANT SITE 3 GROUNDWATER MANAGEMENT AREA.

100' 0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
ON-PLANT CONSOLIDATION AREAS

GROUND WATER ELEVATION CONTOURS - FALL 2001

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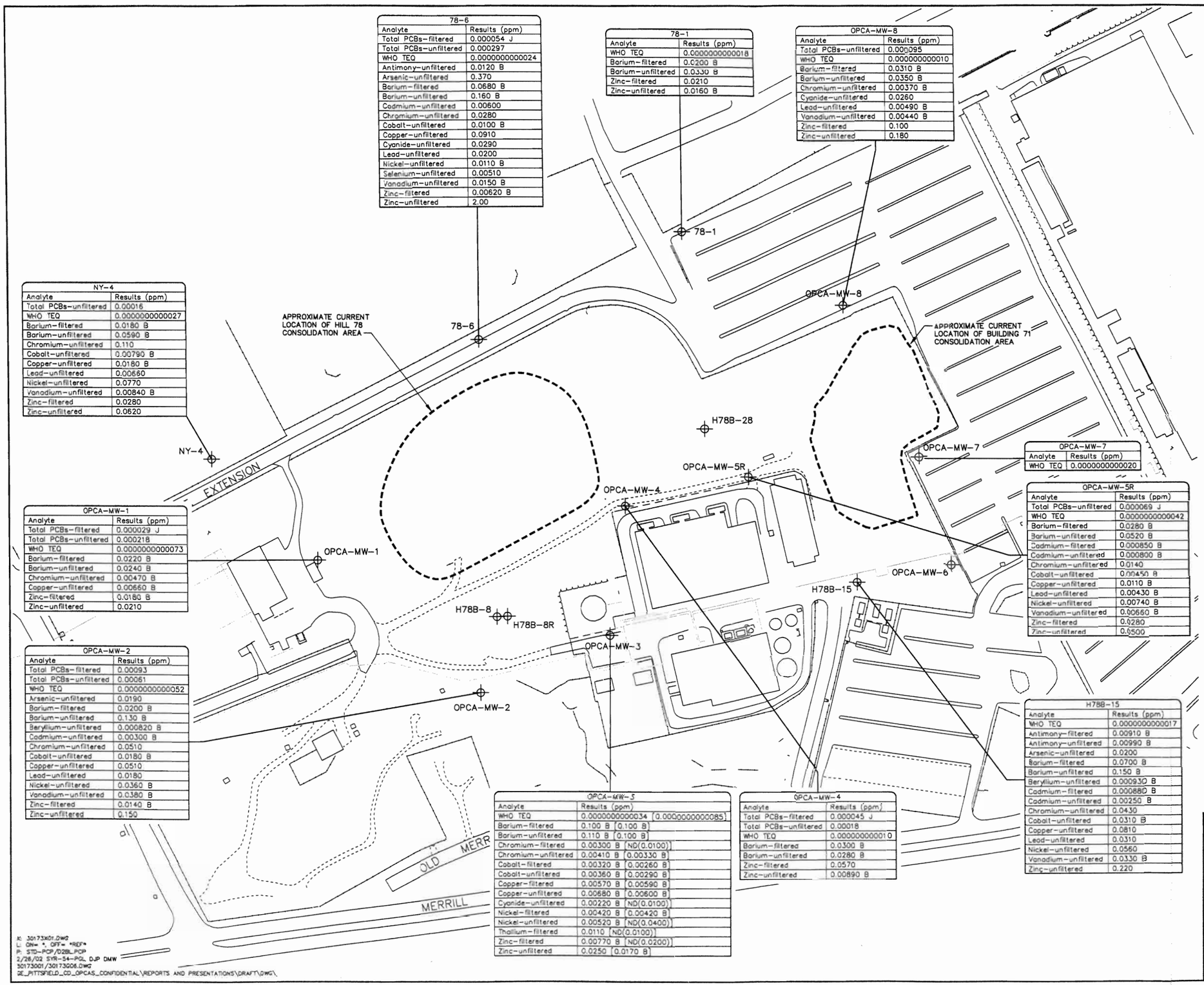
FIGURE
2

X: 30173X01.DWG
L: ON= *, OFF= *REF*
P: 310-PCP/D2BL.PCP
2/27/02 SYR-54-PGL DJP DMW
30173001/30173G04.DWG
GE_PITTSFIELD_CO_OPCAS_CONFIDENTIAL\REPORTS AND PRESENTATIONS\DRAFT\DWG\



78-6	
Analyte	Results (ppm)
Total PCBs-filtered	0.000054 J
Total PCBs-unfiltered	0.000297
WHO TEQ	0.0000000000024
Antimony-unfiltered	0.0120 B
Arsenic-unfiltered	0.370
Barium-filtered	0.0680 B
Barium-unfiltered	0.160 B
Cadmium-unfiltered	0.00600
Chromium-unfiltered	0.0280
Cobalt-unfiltered	0.0100 B
Copper-unfiltered	0.0910
Cyanide-unfiltered	0.0290
Lead-unfiltered	0.0200
Nickel-unfiltered	0.0110 B
Selenium-unfiltered	0.00510
Vanadium-unfiltered	0.0150 B
Zinc-filtered	0.00620 B
Zinc-unfiltered	2.00

78-1	
Analyte	Results (ppm)
WHO TEQ	0.0000000000018
Barium-filtered	0.0200 B
Barium-unfiltered	0.0330 B
Zinc-filtered	0.0210
Zinc-unfiltered	0.0160 B

OPCA-MW-8	
Analyte	Results (ppm)
Total PCBs-unfiltered	0.000095
WHO TEQ	0.0000000000010
Barium-filtered	0.0310 B
Barium-unfiltered	0.0350 B
Chromium-unfiltered	0.00370 B
Cyanide-unfiltered	0.0260
Lead-unfiltered	0.00490 B
Vanadium-unfiltered	0.00440 B
Zinc-filtered	0.100
Zinc-unfiltered	0.180

NY-4	
Analyte	Results (ppm)
Total PCBs-unfiltered	0.00016
WHO TEQ	0.0000000000027
Barium-filtered	0.0180 B
Barium-unfiltered	0.0590 B
Chromium-unfiltered	0.110
Cobalt-unfiltered	0.00790 B
Copper-unfiltered	0.0180 B
Lead-unfiltered	0.00660
Nickel-unfiltered	0.0770
Vanadium-unfiltered	0.00840 B
Zinc-filtered	0.0280
Zinc-unfiltered	0.0620

OPCA-MW-7	
Analyte	Results (ppm)
WHO TEQ	0.0000000000020

OPCA-MW-5R	
Analyte	Results (ppm)
Total PCBs-unfiltered	0.000069 J
WHO TEQ	0.0000000000042
Barium-filtered	0.0280 B
Barium-unfiltered	0.0520 B
Cadmium-filtered	0.000850 B
Cadmium-unfiltered	0.000800 B
Chromium-unfiltered	0.0140
Cobalt-unfiltered	0.00450 B
Copper-unfiltered	0.0110 B
Lead-unfiltered	0.00430 B
Nickel-unfiltered	0.00740 B
Vanadium-unfiltered	0.00660 B
Zinc-filtered	0.0280
Zinc-unfiltered	0.0500

OPCA-MW-1	
Analyte	Results (ppm)
Total PCBs-filtered	0.000029 J
Total PCBs-unfiltered	0.000218
WHO TEQ	0.0000000000073
Barium-filtered	0.0220 B
Barium-unfiltered	0.0240 B
Chromium-unfiltered	0.00470 B
Copper-unfiltered	0.00660 B
Zinc-filtered	0.0180 B
Zinc-unfiltered	0.0210

OPCA-MW-2	
Analyte	Results (ppm)
Total PCBs-filtered	0.00093
Total PCBs-unfiltered	0.00061
WHO TEQ	0.0000000000052
Arsenic-unfiltered	0.0190
Barium-filtered	0.0200 B
Barium-unfiltered	0.130 B
Beryllium-unfiltered	0.000820 B
Cadmium-unfiltered	0.00300 B
Chromium-unfiltered	0.0510
Cobalt-unfiltered	0.0180 B
Copper-unfiltered	0.0510
Lead-unfiltered	0.0180
Nickel-unfiltered	0.0360 B
Vanadium-unfiltered	0.0380 B
Zinc-filtered	0.0140 B
Zinc-unfiltered	0.150

OPCA-MW-3	
Analyte	Results (ppm)
WHO TEQ	0.0000000000034 [0.0000000000085]
Barium-filtered	0.100 B [0.100 B]
Barium-unfiltered	0.110 B [0.100 B]
Chromium-filtered	0.00300 B [ND(0.0100)]
Chromium-unfiltered	0.00410 B [0.00330 B]
Cobalt-filtered	0.00320 B [0.00260 B]
Cobalt-unfiltered	0.00360 B [0.00290 B]
Copper-filtered	0.00570 B [0.00590 B]
Copper-unfiltered	0.00680 B [0.00600 B]
Cyanide-unfiltered	0.00220 B [ND(0.0100)]
Nickel-filtered	0.00420 B [0.00420 B]
Nickel-unfiltered	0.00520 B [ND(0.0400)]
Thallium-filtered	0.0110 [ND(0.0100)]
Zinc-filtered	0.00770 B [ND(0.0200)]
Zinc-unfiltered	0.0250 [0.0170 B]

OPCA-MW-4	
Analyte	Results (ppm)
Total PCBs-filtered	0.000045 J
Total PCBs-unfiltered	0.00018
WHO TEQ	0.0000000000010
Barium-filtered	0.0300 B
Barium-unfiltered	0.0280 B
Zinc-filtered	0.0570
Zinc-unfiltered	0.00890 B

H78B-15	
Analyte	Results (ppm)
WHO TEQ	0.0000000000017
Antimony-filtered	0.00910 B
Antimony-unfiltered	0.00990 B
Arsenic-unfiltered	0.0200
Barium-filtered	0.0700 B
Barium-unfiltered	0.150 B
Beryllium-unfiltered	0.000930 B
Cadmium-filtered	0.000880 B
Cadmium-unfiltered	0.00250 B
Chromium-unfiltered	0.0430
Cobalt-unfiltered	0.0310 B
Copper-unfiltered	0.0810
Lead-unfiltered	0.0310
Nickel-unfiltered	0.0560
Vanadium-unfiltered	0.0330 B
Zinc-unfiltered	0.220

LEGEND:

FENCE

MONITORING WELL LOCATION

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS. MERRILL ROAD DIGITIZED FROM PHOTOCOPIES OF MASSACHUSETTS HIGHWAY DEPT. DRAWINGS, DATED 1/14/95, AND SHOULD BE CONSIDERED APPROXIMATE.
2. SITE BOUNDARIES ARE APPROXIMATE.
3. NOT ALL PHYSICAL FEATURES SHOWN.

100' 0 100' 200'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

GROUNDWATER ANALYTICAL RESULTS - FALL 2001

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FIGURE 3

M: 30173X01.DWG
L: ON= *, OFF= *REF*
P: STD-PCP/D28L.PCP
2/28/02 SYR-54-PGL DJP DMW
30173001/30173G06.DWG
2E_PITTSFIELD_CD_OPCAS_CONFIDENTIAL\REPORTS AND PRESENTATIONS\DRAFT\DWG\

Appendices

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Appendix A

Pittsfield Generating Company
Groundwater Analytical Data

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TABLE A-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF PITTSFIELD GENERATING COMPANY GROUNDWATER DATA
(Results in ppm)

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 6/10/96	ASW-5 12/16/96	ASW-5/W-5 * 9/20/96	ASW-5 6/9/97	ASW-5 12/16/97	ASW-5 6/23/98	ASW-5 12/29/98	ASW-5 6/21/99	ASW-5 12/13/99
Volatile organics											
1,2 - Dichloroethene (total)	None	None	--	--	--	--	--	--	--	0.006	--
Methylene chloride	50	100	--	--	0.0050 JB	--	--	--	--	--	--
Trichloroethene	20	100	0.016	0.014	0.0150	0.0150	0.0120	0.013	0.024	0.032	0.026
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	NA
PCB-1260	None	None	NA	NA	--	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	--	NA	NA	NA	NA	NA	NA

TABLE A-1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS GROUNDWATER MONITORING PROGRAM

SUMMARY OF PITTSFIELD GENERATING COMPANY GROUNDWATER DATA
(Results in ppm)

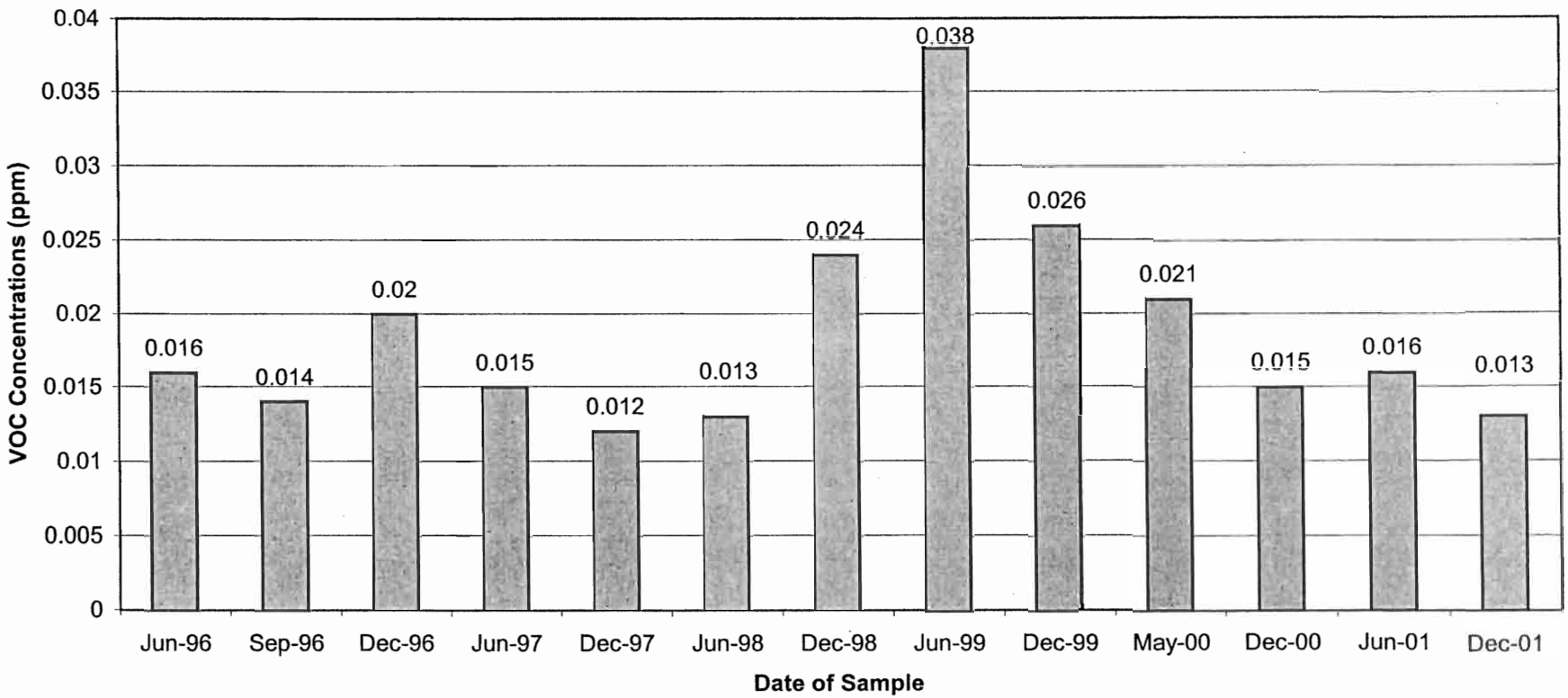
Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 5/31/00	ASW-5 12/26/00	ASW-5 6/20/01	ASW-5 12/11/01
Volatile organics						
1,2 - Dichloroethene (total)	None	None	--	--	--	--
Methylene chloride	50	100	--	--	--	--
Trichloroethene	20	100	0.021	0.015	0.016	0.013
PCBs - Unfiltered						
PCB-1254	None	None	--	--	--	--
PCB-1260	None	None	--	--	--	--
Total PCBs	Not Applicable	0.005	--	--	--	--
PCBs - Filtered						
PCB-1254	None	None	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA
Total PCBs	0.0003	0.005	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 A

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas
Pittsfield Generating Company

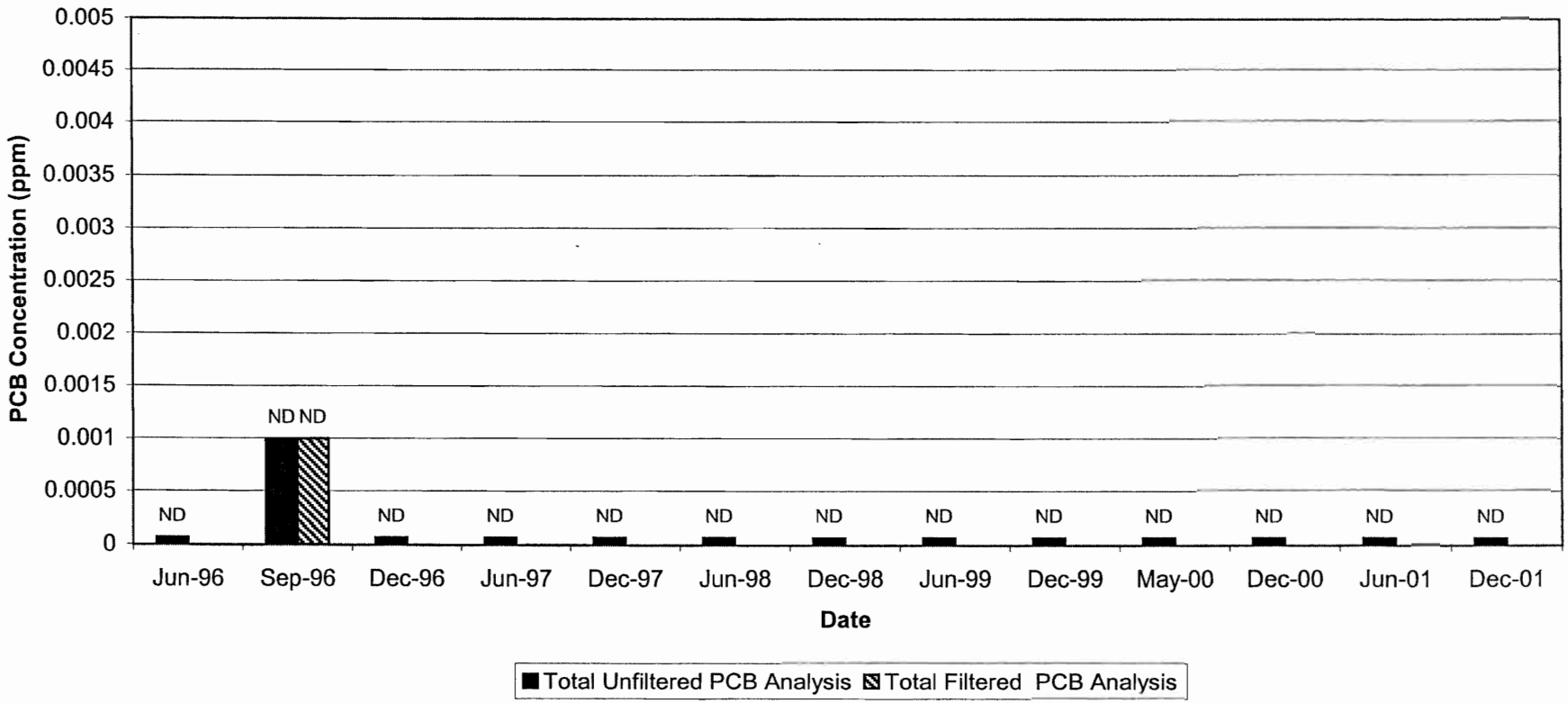
Well ASW-5 Historical Total VOC Concentrations



Appendix A

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas
Pittsfield Generating Company

Well ASW-5 Historical Total PCB Concentrations



Notes:
1. ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
2. Samples were collected by Pittsfield Generating Company with the exception of September 1996 samples which were collected by BBL, Inc.

Adirondack Environmental Services, Inc.
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CLIENT: Pittsfield Generating Company
CLIENT'S SAMPLE ID: Well #5
AES sample #: 011211AF02
Samples taken by: C. Keim
MATRIX: Wastewater
Date Sampled: 12/11/01
Date sample received: 12/11/01
Location: Pittsfield, MA
grab

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Chloromethane	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Bromomethane	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Vinyl Chloride	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Chloroethane	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Methylene Chloride	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Acetone	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Carbon Disulfide	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,1-Dichloroethene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,1-Dichloroethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,2-Dichloroethene Total	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Chloroform	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,2 Dichloroethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
2-Butanone	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
1,1,1-Trichloroethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Carbon Tetrachloride	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Vinyl Acetate	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Bromodichloromethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,2-Dichloropropane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
trans-1,3-Dichloropropene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Trichloroethene	EPA-624	13	ug/l	JF-BZ-26	12/12/01

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Experience is the solution
314 North Pearl Street • Albany, New York 12207 • 800-848-4983 • (518) 434-4546 • Fax (518) 434-0891

CLIENT: Pittsfield Generating Company
CLIENT'S SAMPLE ID: Well #5
AES sample #: 011211AF02
Samples taken by: C. Keim
MATRIX: Wastewater
Date Sampled: 12/11/01
Date sample received: 12/11/01
Location: Pittsfield, MA
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
Dibromochloromethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,1,2-Trichloroethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Benzene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
cis-1,3-Dichloropropene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
2-Chloroethylvinylether	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Bromoform	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
4-Methyl-2-pentanone	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
2-Hexanone	EPA-624	<10	ug/l	JF-BZ-26	12/12/01
Tetrachloroethene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
1,1,2,2-Tetrachloroethane	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Toluene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Chlorobenzene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Ethylbenzene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Styrene	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
Xylenes,Total	EPA-624	<5	ug/l	JF-BZ-26	12/12/01
PCB-1016	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01
PCB-1221	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01
PCB-1232	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01
PCB-1242	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01
PCB-1248	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01

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CLIENT: Pittsfield Generating Company
CLIENT'S SAMPLE ID: Well #5
AES sample #: 011211AF02
Samples taken by: C. Keim
MATRIX: Wastewater
Date Sampled: 12/11/01
Date sample received: 12/11/01
Location: Pittsfield, MA
grab

continued:

PARAMETER PERFORMED	METHOD	RESULT	UNITS	NOTEBK REF	TEST DATE
PCB-1254	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01
PCB-1260	EPA-608	<0.065	ug/l	KF-PCBAJ17	12/11/01

Appendix B

OPCA Field Sampling Records

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GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-1
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel VMS
Date 10/30/01 Time In / Out ~~10/30~~ / 1010
Weather Sun, 60°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	32.61	
Screen Interval Depth	~~20-30~~	20-30
Water Table Depth	10.78	
Intake Depth of Pump/Tubing	~29.5	

Pump Start Time ~~10/30~~ 1027
Pump Stop Time
Sample Time ~~1130 (no bottles)~~ *
Sample ID OPCA-MW-1
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs
(✓) SVOCs plus /2 L Amber
(✓) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	21.83
Volume of Water in Well	2.4
Minutes of Pumping	60

EVACUATION INFORMATION

Volume of water removed from well ~2.4
Did well go dry? Y (N)
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
1030	80	11.48	12.25	6.72	0.490	87.7	8.46	88
1033	150	11.97						
1039	125	13.10	13.80	7.30	0.466	38.8	0.59	24
1048		14.45						
1052	75	15.16	14.18	7.46	0.459	31.0	0.22	3
1101	100	16.00	14.36	7.52	0.455	55.5	0.40	3
1108	75	16.70	14.52	7.54	0.455	70.4	0.25	6
1116	100	17.38	14.39	7.56	0.458	76.3	0.14	8
1123	100	17.82	14.81	7.57	0.458	9.4	0.23	13
1125	130	18.05						
1127 air lock increase flow to eradicate.								
Final 1128	90	18.67	15.66	7.61	.446	34.3	0.47	21

151
32.61
10.78
21.830
163
65490
109800
2183000
2358290

MISCELLANEOUS OBSERVATIONS/PROBLEMS Difficult holding rate w/dropping WL.
Initial Purge: clear, colorless, odorless
Final Purge:
Bentonite seal top ~19' TIC, 1130 Stop pump + let well recover + sample 10/31/01 w/pump @ same depth
1135 DTW (TIC) 18.10 7' = 70 x 0.1
1141 DTW (TIC) 18.01 6min x 70 = 420 min ≈ 7hrs

SAMPLE DESTINATION
Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

10/31/01 DTW(TIC): 11.37'
Set pump 29.5 + sample @ 0815

see back for water levels + times
END water level - 17.89 @0900.

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-2
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel LMS
Date 10/30/01 Time In / Out 1220
Weather Sun, 50°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	25.3	
Screen Interval Depth	~~13-23~~	13-23
Water Table Depth	20.5	
Intake Depth of Pump/Tubing	~22.5	

to 24.8

Redevelop? N

Pump Start Time 1246
Pump Stop Time
Sample Time 10/31/01 0915
Sample ID OPCA-MW-2 on 10/31/01
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs
(✓) SVOCs plus /2 L Amber
(✓) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber

WELL WATER INFORMATION

Length of Water Column	4.8
Volume of Water in Well	0.78
Minutes of Pumping	32

EVACUATION INFORMATION

Volume of water removed from well ~4 gal
Did well go dry? (Y) N
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
1249		20.94	12.79	7.06	1.16	23.6	6.50	132
1252	220	21.08	14.73		1.15	11.7	5.00	124
1259	100	21.80	15	7.02	1.14	0.0	4.02	118
1304	100	21.87	15.39	7.01	1.17	0.0	2.38	112
Dry @ 21.87			lower pump + purge					
1310	325	23.13	13.18	7.02	1.14	86.6	2.10	110
1313	325	23.40	14.16	7.01	1.17	21.1	1.99	105
1316	~150	23.54						
1319	~300	23.85	14.20	7.01	1.18	11.5	1.85	104
1321		Dry @ 24' (top of pump						
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS Rate very difficult to keep steady.
Initial Purge: clear, colorless, odorless
Final Purge: SAME
Let well recover ~~+ samples~~ 1340. DTW(TIC) = DRY. Will sample w/bailer 10/31/01.

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

301470

Page ___ of ___

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-3
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel
Date 11/2/01 Time In / Out 0940
Weather Sun 60°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	26.91	
Screen Interval Depth	~~18-28~~	18-28
Water Table Depth	22.90	
Intake Depth of Pump/Tubing	~25.5	

Pump Start Time 0956
Pump Stop Time
Sample Time 1030
Sample ID OPCA-MW-3
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs
(✓) SVOCs plus /2 L Amber
(✓) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber

GW-DUP-

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	
Volume of Water in Well	
Minutes of Pumping	

EVACUATION INFORMATION

Volume of water removed from well ~2.25 g
Did well go dry? Y N
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
0958	400	23.27	15.03	6.08	0.655	38.7	2.15	56
1001	400	23.29	16.11	6.47	0.721	115	0.98	44
1004	300	23.18	16.87	6.54	0.755	48.0	0.78	31
1007	220	23.13	17.66	6.57	0.767	30.2	0.56	25
1010	220	23.20	17.74	6.59	0.780	21.6	0.45	22
1013	220	23.00	17.74	6.60	0.782	23.7	0.40	21
1016	150	22.85	18.16	6.61	0.780	30.9	0.38	19
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS Difficulty holding rate due to short water column + airlock
Initial Purge: Orange brown, turbid, no odor
Final Purge: clear, colorless, odorless
GW-DUP-2 taken here for SVOCs, Met (Tot+Diss), PCB (Tot+Diss), CN, Sulf, D/F
11/2/01 1100 conducted rinse blank (Field Blank-1) on Grundfoss + ded. disp tubing.

SAMPLE DESTINATION
Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-4
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel LMS
Date 10/30/01 Time In / Out 1350/
Weather Sun, 50°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	21.48	
Screen Interval Depth		12-22
Water Table Depth	14.97	
Intake Depth of Pump/Tubing	~19.5	

Pump Start Time ~~1350~~ 1408
Pump Stop Time
Sample Time 1430 actual 1435
Sample ID OPCA-MW-4
Sampled for:

Appendix IX+3 Constituents

(✓) VOCs plus/ HCL, 2-40ml VOAs
(✓) SVOCs plus /2 L Amber
(✓) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	6.51
Volume of Water in Well	1.06
Minutes of Pumping	24

EVACUATION INFORMATION

Volume of water removed from well ~3.5g
Did well go dry? Y (N)
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
1409	360	15.46						
1412	300	15.65	13.57	6.89	0.837	46.2	2.83	12
1415	~300	16.00	14.72	6.87	0.845	22.2	1.25	-23
1418	~300	16.21	15.32	6.86	0.851	1.1	0.55	-34
1421	~300	16.42	15.66	6.86	0.852	0.0	0.32	-35
1424	~300	16.36	16.27	6.85	0.851	0.0	0.20	-37
1427	300	16.59	15.68	6.86	0.865	0.0	0.47	-38
1430	300	16.83	15.90	6.86	0.859	0.0	0.44	-38
1433	250-300	~~16.95~~ 17.04	16.08	6.85	0.854	0.0	0.39	-38
Final	—	—				—	—	—

1435 17.34

MISCELLANEOUS OBSERVATIONS/PROBLEMS Rate difficult to hold steady
Initial Purge: clear color less, odorless
Final Purge: SAME

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-5R
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel LMS JCM
Date 10/31/01 Time In / Out 0945
Weather Clouds 40°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	21.62	
Screen Interval Depth		11.25-21.25
Water Table Depth	15.12	
Intake Depth of Pump/Tubing	~19.5	

Pump Start Time 0953
Pump Stop Time
Sample Time 1030 (actual 1020)
Sample ID OPCA-MW-5R

Redevelop? N

Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs
(✓) SVOCs plus /2 L Amber
(✓) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber

WELL WATER INFORMATION

Length of Water Column	6.50
Volume of Water in Well	1.05
Minutes of Pumping	26

EVACUATION INFORMATION

Volume of water removed from well ~1.25
Did well go dry? Y (N)
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
0954	250	15.32	11.74	6.06	0.641	254	6.00	35
0957	150	15.48	12.16	6.60	0.630	210	1.91	-41
1000	200	15.58	13.75	6.84	0.583	167	0.76	-74
1003	200	15.81	14.72	6.92	0.554	147	0.67	-82
1008	130	16.08	15.91	6.96	0.499	112	0.43	-97
1011	100	16.16	15.79	6.99	0.496	81.8	0.35	-106
1014	150	16.26	16.09	7.00	0.499	34.7	0.26	-115
1017	100	16.38	16.88	7.01	0.504	37.1	0.29	-119
1020	~100	16.49	17.12	7.02	0.512	16.5	0.31	-121
Final	—	—				—	—	—

21.62
15.12
6.50

MISCELLANEOUS OBSERVATIONS/PROBLEMS Problems w/ air lock. Samples after SVOCs slightly cloudy.
Initial Purge: olive brown, cloudy, no odor.
Final Purge: clear, colorless, odorless

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: R Sand

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-6
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel LMS
Date 11/1/01 Time In / Out 1410 / 1420
Weather Sun, 60°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	19.71	~~15-25~~
Screen Interval Depth		15-25
Water Table Depth	dry	
Intake Depth of Pump/Tubing	—	

Pump Start Time —
Pump Stop Time —
Sample Time ~~1545~~
Sample ID N/A
Sampled for:
Appendix IX+3 Constituents 11/1/01 1545

(✓) VOCs plus/ HCL, 2-40ml VOAs
( ) SVOCs plus /2 L Amber
( ) Dioxins & Furons / 1L Amber
( ) Metals (Total) / HNO3, 500ml Plastic
( ) Metals (Filtered), 500 ml Plastic
( ) Cyanide / NaOH, 500ml Plastic
( ) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
( ) PCBs (Total) / 1L Amber
( ) PCBs (Filtered) / 1L Amber

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	—
Volume of Water in Well	—
Minutes of Pumping	—

EVACUATION INFORMATION

Volume of water removed from well _____
Did well go dry? Y N
Evacuation Method: Bailer ( ) Pump ( )
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS Dry well @ 19.71' TIC, Double checked w/ bailer
Initial Purge
Final Purge

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-7
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel KMS
Date 11/1/01 Time In / Out 1200
Weather Sunny 60°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	23.64	
Screen Interval Depth		14-24
Water Table Depth	22.07	
Intake Depth of Pump/Tubing		

Pump Start Time ___
Pump Stop Time ___
Sample Time ___
Sample ID OPCA-MW-7
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs 1545 11/1/01
(✓) SVOCs plus /2 L Amber 0840 11/2/01
(✓) Dioxins & Furons / 1L Amber 0900 - 11/7/01
( ) Metals (Total) / HNO3, 500ml Plastic
( ) Metals (Filtered), 500 ml Plastic
( ) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac - 1400 11/2/01
( ) PCBs (Total) / 1L Amber
( ) PCBs (Filtered) / 1L Amber
DUP Taken here for VOCs only

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	1.57
Volume of Water in Well	
Minutes of Pumping	

EVACUATION INFORMATION

Volume of water removed from well ~0.75
Did well go dry? (Y) N
Evacuation Method: Bailer (✓) Pump ( )
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)		ORP (mV)
Final	—	—				—	—		—

MISCELLANEOUS OBSERVATIONS/PROBLEMS Not enough water to use grundfoss pump + too deep to use peristaltic pump. Purge + sample w/ bailer.
~~Initial Purge:~~ ~~Final Purge:~~ Initial purge - slightly cloudy, olive brown, odorless.
GW-DUP-1 taken here for VOCs only.

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. OPCA-MW-8
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel LMS
Date 11/1/01 Time In / Out 0825
Weather Sun, 60°

WELL INFORMATION

	TIC	BGL
Well Diameter	2"	
Well Depth	23.25	
Screen Interval Depth		13.5-23.5
Water Table Depth	16.71	
Intake Depth of Pump/Tubing	~21'	

Pump Start Time 0848
Pump Stop Time
Sample Time 0930 actual 0910
Sample ID OPCA-MW-8
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs
(✓) SVOCs plus /2 L Amber
(✓) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	6.54
Volume of Water in Well	1.06
Minutes of Pumping	21'

EVACUATION INFORMATION

Volume of water removed from well 3.5
Did well go dry? (Y) N

Evacuation Method: Bailer (✓) Pump (✓) Sample tot+diss met, CN, Sulf, Diss + Total PCB + D/F w/bailer.
Pump Type: Grundfoss
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
0849	200	17.00	14.88	7.52	1.90	160	3.54	94
0852	200	17.17	14.81	7.35	1.89	132	2.09	106
0855	200	17.34	17.20	7.29	1.86	96	1.71	107
0858	200	17.50	17.56	7.26	1.78	73.5	1.83	86
0901	200	17.80	18.40	7.26	1.81	49.7	2.01	-10
0904	200	17.99	18.33	7.27	1.82	45.4	1.93	-28
0907	200	18.20	18.36	7.28	1.83	42.6	1.84	-33
0910	200	18.31	19.04	7.29	1.86	40.9	1.77	-43
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Pump hot - causing high temp.
Initial Purge: Fairly clear, colorless, odorless
Final Purge: clear to cloudy - olive brown.
Pump pushed to full extent. W/ too low. Stop sampling after ½ met (total) is full.
Let recover + sample DTW 19.7 Sample w/bailer.

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. 78-1
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel LMS / TCM
Date 10/31/01 Time In / Out 1350 / 1530
Weather Rain/Snow 25°

WELL INFORMATION

	TIC	BGL
Well Diameter	4"	
Well Depth	23.12	
Screen Interval Depth	≈	8-23
Water Table Depth	13.89	
Intake Depth of Pump/Tubing	~ 21	

Pump Start Time 1402
Pump Stop Time 1530
Sample Time 1430
Sample ID 78-1
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs
( ) SVOCs plus /2 L Amber
(✓) Dioxins & Furans / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
(✓) Sulfide / NaOH,ZnAc, 500ml glass - no headspac
(✓) PCBs (Total) / 1L Amber
(✓) PCBs (Filtered) / 1L Amber
Includes MS/MSD

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	9.23
Volume of Water in Well	~~1.50~~ 6 gal
Minutes of Pumping	19

EVACUATION INFORMATION

Volume of water removed from well ~2.5
Did well go dry? Y (N)
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: ~~Grundfoss~~ Peristaltic
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
1403	320	13.96	12.73	7.00	0.740	241	7.20	53
1406	320	14.16	13.50	6.80	0.758	111	2.33	68
1409	320	14.31	13.28	6.76	0.761	58.4	0.70	79
1412	300	14.44	13.30	6.76	0.758	45.9	0.41	88
1415	300	14.51	13.37	6.77	0.759	41.9	0.18	91
1418	300	14.69	13.33	6.77	0.758	39.7	0.16	94
1422	280	14.85	13.33	6.78	0.755	35.6	0.14	98
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Initial Purge: cloudy, brown, no odor
Final Purge: clear, colorless, odorless

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. 78-6
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel TMS
Date 10/31/01 Time In / Out 1215 / 1600
Weather Clouds, 45°F

9.89
.28
10.17

WELL INFORMATION

	TIC	BGL
Well Diameter	4"	
Well Depth	10.17	
Screen Interval Depth	~~3-18~~	3-18
Water Table Depth	9.65	
Intake Depth of Pump/Tubing		

Pump Start Time 1255
Pump Stop Time —
Sample Time 1300
Sample ID 78-6
Sampled for:
Appendix IX+3 Constituents
(✓) VOCs plus/ HCL, 2-40ml VOAs } 10/31/01 1300
(✓) SVOCs plus /2 L Amber
( ) Dioxins & Furons / 1L Amber
(✓) Metals (Total) / HNO3, 500ml Plastic } 11/1/01 0800
(✓) Metals (Filtered), 500 ml Plastic
(✓) Cyanide / NaOH, 500ml Plastic
( ) Sulfide / NaOH,ZnAc; 500ml glass - no headspac
( ) PCBs (Total) / 1L Amber
( ) PCBs (Filtered) / 1L Amber

Redevelop? N

WELL WATER INFORMATION

Length of Water Column	
Volume of Water in Well	
Minutes of Pumping	

EVACUATION INFORMATION

Volume of water removed from well ~1/2 gal
Did well go dry? (Y) N
Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss ~~[illegible]~~ peristaltic
Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
1255		dry	14.16	6.94	1.75	999	6.67	-99
	dry @ 1256							
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Well dry @ 10.17 @ 1256. Let recover + sample

Initial Purge: Orange brown, turbid, no odor or sheen
Final Purge:

10/31/01 Sample VOCs, SVOCs. 11/1/01 0800 Sample Tot+Diss met + CN. 11/1/01 Sample Tot+Diss PCB @ 1300.
11/1/01 Sample D/F + Sulfide @ 1600.

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING FIELD LOG

Well No. NY-4
Key No. FX-37

Site Name OPCA SemiAnnual
Sampling Personnel SLL
Date 11/26 Time In / Out
Weather Mostly Cloudy ~50°F

WELL INFORMATION

	TIC	BGL
Well Diameter	2.0"	
Well Depth	31.55	
Screen Interval Depth		17-32
Water Table Depth	13.50	
Intake Depth of Pump/Tubing	~29.5	

Pump Start Time 1534
Pump Stop Time /
Sample Time
Sample ID NY-4
Sampled for:

Redevelop? N

Appendix IX+3 Constituents

- ✓ ( ) VOCs plus/ HCL, 2-40ml VOAs
- ✓ ( ) SVOCs plus /2 L Amber
- ( ) Dioxins & Furons / 1L Amber
- ✓ ( ) Metals (Total) / HNO3, 500ml Plastic
- ✓ ( ) Metals (Filtered), 500 ml Plastic
- ✓ ( ) Cyanide / NaOH, 500ml Plastic
- ✓ ( ) Sulfide / NaOH,ZnAc; 500ml glass - no headspac 7 DAYS
- ( ) PCBs (Total) / 1L Amber } 7 DAYS
- ( ) PCBs (Filtered) / 1L Amber

WELL WATER INFORMATION

Length of Water Column	18.05
Volume of Water in Well	2.9 gallons
Minutes of Pumping	

EVACUATION INFORMATION

Volume of water removed from well
Did well go dry? Y N

Evacuation Method: Bailer ( ) Pump (✓)
Pump Type: Grundfoss

Water Quality Meter Type(s) / Serial Numbers: Horiba U-22 w/ Flow Through Cell

Time	Pump Rate (ml/min.)	Water Level (TIC)	Temp. (Celcius)	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
1535	0.250	14.95	10.84	8.10	0.407	7999	5.28	124
1538	0.250	14.16	10.80	7.85	0.402	7999	1.53	132
1541	0.250	14.46	11.08	7.78	0.401	7999	0.97	137
1544	0.250	15.05	12.35	7.71	0.401	7999	0.97	146
1547	0.250	15.40	12.56	7.74	0.400	5660	0.75	136
1550	0.250	15.60	13.51	7.71	0.396	5230	0.71	139
1553	0.250	15.80	13.89	7.71	0.397	273.0	0.83	137
Final	—	—				—	—	—

MISCELLANEOUS OBSERVATIONS/PROBLEMS

Seal ~ 13-15'

Initial Purge: BROWN, TURBID, ODORLESS
Final Purge:
STOPPED PUMPING ABOVE THE SEAL, LET RECOVER + CONTINUE PUMPING

SAMPLE DESTINATION

Laboratory: CT+E Environmental
Delivered Via: Fed Ex/CTE Courier
Airbill #:

Field Sampling Coordinator: [signature]

11/20/01 Purged NY-4 down to 15.5' (TIC) @ 1445
11/21/01 Sampled VOC, SVOC, metals (TOT + DISS), CN + Sulfide. Purged + sampled until water level was 15.50 Initial DTW (TIC) 13.63. @ 1300

11/26/01 - PURGED NY4 AT 0830 ; SAMPLED AT 1600

CHAIN OF CUSTODY RECORD

007925

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(1)

CLIENT: BBL

CONTACT: B. Eulizer PHONE NO (413) 454-4317

PROJECT: OPCA Semiannual Groundwater Sampling

REPORTS TO:

FAX NO: ( )

INVOICE TO: B. Eulizer P.O. NUMBER: 301730

CT&E Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	VOC (3)	APPIX 8260 plus 3 SVOCs plus benzidine & 2-ethylhexyl hydrazine	Total PCBs	Diss. PCBs	APP IX+3 Metals Total	APP IX+3 Diss. Metals	APP IX+3 CN	APP IX+3 Sulfide	Dioxins/Furans	REMARKS
	OPCA-MW-5R	10/31/01	1030	GW	11	G	2	2	1	1	1	1	1	1	1	
	OPCA-MW-1		0815		11		2	2	1	1	1	1	1	1	1	
	OPCA-MW-2		0915		11		2	2	1	1	1	1	1	1	1	
	78-1		1430		33		6	6	3	3	3	3	3	3	3	Includes MS/MSD
	78-6		1300		4		2	2								
	Trip Blank		—	DIW Water	2	—										

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	10/31/01	1700	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: _____

Special Deliverable Requirements:

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions: STANDARD.
Dissolved Metals + PCBs to be filtered by lab

OCT.31.2001 6:09PM BLASLAND BOUCK & LEE NO.135 P.2

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(1)

CLIENT: BBL

CONTACT: B. Eulizer PHONE NO: 413 494 4317

PROJECT: Semiannual OPCA Groundwater Sampling

REPORTS TO:

FAX NO: ( )

INVOICE TO: B. Eulizer P.O. NUMBER: 301730/

CT&E Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	VOCs plus 8260 Tentatively Identified Compounds (TICs)	SVOCs plus benzidine & 1,2-diphenylhydrazine	Total PCBs	Diss. PCBs	App IX+3 Metals Total	App IX+3 Diss. Metals	App IX+3 CN	App IX+3 Sulfide	Dioxins/Furans	REMARKS
	OPCA-MW-5R	10/31/01	1030	GW	11	G	2	2	1	1	1	1	1	1	1	
	OPCA-MW-1		0815		11		2	2	1	1	1	1	1	1	1	
	OPCA-MW-2		0915		11		2	2	1	1	1	1	1	1	1	
	78-1		1430		33		6	6	3	3	3	3	3	3	3	Includes MS/MSD
	78-6		1300		4		2	2								
	Trip Blank		—	AB WATER	2											

(3) Preservatives Used / Analysis Required

(4)

Shipping Carrier:

Shipping Ticket No:

Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO

Temperature °C:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions: STANDARD. Dissolved Metals + PCBs to be filtered by lab

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	10/31/01	1700	[signature]
Relinquished By: (2) [signature]	Date 10/31/01	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received for Laboratory By

1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab Pink - Retained by Sampler

0-720 9/00

NOV. 1.2001 5:29PM BLASLAND BOUCK & LEE NO.143 P.7

007924

CHAIN OF CUSTODY RECORD

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Laboratory Division

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• New Jersey • West Virginia
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(1)
CLIENT: BBL, Inc
CONTACT: B. Eulian PHONE NO 413 494 4317
PROJECT: OPCA Semiannual Groundwater Sampling SITE:
REPORTS TO:
FAX NO: ( )
INVOICE TO: B. Eulian P.O. NUMBER 30173.01

CT&E Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	(3) Preservatives Used / Analysis Required: App IX+3 VOCs plus 2-chloroethylvinylether	App IX+3 SVOCs plus Benzidine & 1,2-Diphenylhydrazine	Total PCB	Diss PCB	App IX+3 total metals	App IX+3 Diss Metals	App IX+3 CN	App IX+3 Sulfide	App IX+3 Dioxins/Furans	REMARKS
	OPCA-MW-7	11/1/01	1545	GW	2	G	2									
	H78B-15	11/1/01	1500	↓	2	G	2									
	GW-DUP-1	11/1/01	—	↓	2	G	2									
	OPCA-MW-8	11/1/01	0930	↓	11	G	2	2	1	1	1	1	1	1	1	
	78-6	11/1/01	1300	↓	2	G			1	1						
	78-6	11/1/01	1600	↓	2	G								1	1	
	Trip Blank	11/1/01	—	LW	2	-	2									
	78-6	11/1/01	0800	GW	3	G					1	1	1			

(5)

Collected/Relinquished By: (1)	Date	Time	Received By
[signature]	11/1/01	1600	[signature]
Relinquished By: (2) [signature]	Date 11/1/01	Time	Received By
Relinquished By: (3)	Date	Time	Received By
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)
Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO
Temperature °C: _____ • _____
Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions: STANDARD
Dissolved metals + PCBs to be filtered by lab

1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761 White - Retained by Lab Pink - Retained by Sampler 0-720 0/00

NOV. 2.2001 3:43PM BLASLAND BOUCK & LEE NO.149 P.2

007927

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CLIENT: BBL
CONTACT: B. Eulian PHONE NO: (413) 494 4317
PROJECT: OPCA Semiannual Groundwater Sampling
REPORTS TO:
FAX NO: ( )
INVOICE TO: B Eulian P.O. NUMBER: 30173.01

CT&E Reference

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	(3) App IX+3 VOC plus ~~benzidine~~ +2 chloroethylvinyl ether	App IX+3 SVOC plus benzidine +1,2, Diphenylhydrazine	App IX+3 Met (Tot+DISS)	App IX+3 CN	App IX+3 Sulfide	Tot+DISSPCB	Dioxin/Furans			REMARKS
	H78B-15	11/2/01	0900	GW	2	G		2								
	OPCA-MW-3	↓	1030	↓	11	↓	2	2	2	1	1	2	1			
	H78B-15	↓	1200	↓	2	↓			2							
	OPCA-MW-7	↓	0840	↓	2	↓		2								
	Trip Blank	↓	—	LW	2	↓		2								

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	11/2/01	1440	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)
Shipping Carrier:
Shipping Ticket No:
Special Deliverable Requirements:
Samples Received Cold? (Circle) YES NO
Temperature °C: _____ . _____
Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT
Requested Turnaround Time and Special Instructions: STANDARD

1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761 White - Retained by Lab Pink - Retained by Sampler 0-720 9/00

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CLIENT: BBL

CONTACT: BRUCE FULLIAN PHONE NO: (413) 494-4317

PROJECT: OPCA SEMI-ANNUAL GROUNDWATER SAMPLING SITE: GE PITTSFIELD

REPORTS TO:

FAX NO: ( )

INVOICE TO:

P.O. NUMBER: 301.73.01

CT&E Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C = COMP G = GRAB	Preservative Used: NaOH / ZNAC	Analysis Required (3): APPENDIX IX+3 SULFIDE								REMARKS
	OPCA-MW-7	11/5/01	1400	WATER	1	G	X									
	H78B-15	↓	1420	↓	1	↓	X									

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	11/5/01	16:30	[signature]
Relinquished By: (2) [signature]	Date 11/5/01	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

Shipping Carrier:

Shipping Ticket No.:

Samples Received Cold (Circle): YES NO

Temperature °C:

Special Deliverable Requirements:

Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:
STANDARD TURNAROUND TIME REQUESTED

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(1)

CLIENT: BBL

CONTACT: B. Sullivan PHONE NO: (413) 494 4317

PROJECT: OPA Semi-annual Groundwater Sampling SITE:

REPORTS TO: B. Fulman FAX NO: (413) 494 [illegible]

INVOICE TO: B. Fulman P.O. NUMBER: 30173.01

CT&E Reference:

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No. CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	App IX +3 VOCs plus 2 ethanol, methanol, Ethanol	App IX +3 SVOC plus Benzidine + 1,2 Diphenylhydrazine	App IX +3 Metals (Tot + Dissolved)	App IX +3 CN	App IX +3 Sulfide	PCB Total	PCB Dissolved	Diamins/furans	REMARKS
						Preservatives Used	HCl		HNO3	NaOH	ZnAc NaOH				
						Analysis Required (3)									
	NY-4	11/21/01	1300	WATER	8	G	2	2	2	1	1				
	NY-4	11/26/01	1600	WATER	3	G						1	1	1	
	H78B-15	11/21/01	1100	WATER	2	G				1		1			
	H78B-15	11/26/01	1300	WATER	2	G							X	X	

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[illegible signature]	11/26/01	1600	[illegible signature]
Relinquished By: (2)	Date	Time	Received By:
[illegible signature]	11/26/01		
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C:

Data Deliverables Required

Level I Level II Level III

Chain of Custody Seal? (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions: STANDARD

[illegible] to be [illegible] by lab.

1258 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab (Project File) Yellow - Returned with Report Pink - Retained by Sampler

Appendix C

OPCA Analytical Results – Fall 2001

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engineers & scientists

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/31/01	78-6 10/31-11/01/01	H78B-15 11/01-11/26/01	NY-4 11/21-11/26/01
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(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
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(0.0020)	ND(0.0020)	ND(0.0010)	ND(0.0020)
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)	ND(0.20)	ND(0.20)	ND(0.20)
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)	ND(0.10)	ND(0.10)	ND(0.10)
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)	ND(0.10)	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
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)	ND(0.0050)	ND(0.0050)	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)	ND(0.0050)	ND(0.0050)	ND(0.0050)
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)	ND(0.20)	ND(0.20)	ND(0.20)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/31/01	78-6 10/31-11/01/01	H78B-15 11/01-11/26/01	NY-4 11/21-11/26/01
PCBs-Unfiltered				
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	ND(0.000065)	0.000097	ND(0.000065)	0.00016
Aroclor-1260	ND(0.000065)	0.00020	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000297	ND(0.000065)	0.00016
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	ND(0.000065)	0.000054 J	ND(0.000065)	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	0.000054 J	ND(0.000065)	ND(0.000065)
Semivolatile Organics				
1,2,4,5-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)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1-Naphthylamine	ND(0.010)	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)
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Naphthylamine	ND(0.010)	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(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
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)	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)
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)	ND(0.050)	ND(0.050)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/31/01	78-6 10/31-11/01/01	H78B-15 11/01-11/26/01	NY-4 11/21-11/26/01
Semivolatile Organics (continued)				
4-Nitroquinoline-1-oxide	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
4-Phenylenediamine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
a,a'-Dimethylphenethylamine	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)
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)	ND(0.010)	ND(0.010)	ND(0.010)
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)	ND(0.020)	ND(0.020)	ND(0.020)
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(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorocyclopentadiene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
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)	ND(0.010)	ND(0.010)	ND(0.010)
Isosafrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methapyrilene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/31/01	78-6 10/31-11/01/01	H78B-15 11/01-11/26/01	NY-4 11/21-11/26/01
Semivolatile Organics (continued)				
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(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Safrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Thionazin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	ND(0.00000000000060) X	ND(0.0000000000017)	ND(0.0000000000016)	ND(0.00000000000050)
TCDFs (total)	ND(0.00000000000030)	ND(0.0000000000017)	ND(0.0000000000016)	ND(0.00000000000050)
1,2,3,7,8-PeCDF	0.0000000000015 J	ND(0.0000000000014)	ND(0.00000000000090)	0.0000000000014 J
2,3,4,7,8-PeCDF	ND(0.0000000000014) X	ND(0.0000000000014)	ND(0.00000000000090)	0.0000000000011 J
PeCDFs (total)	0.0000000000015	ND(0.0000000000014)	ND(0.00000000000090)	0.0000000000024
1,2,3,4,7,8-HxCDF	0.0000000000012 J	ND(0.0000000000015)	ND(0.00000000000080) X	ND(0.0000000000027)
1,2,3,6,7,8-HxCDF	ND(0.0000000000012) X	ND(0.0000000000014)	ND(0.00000000000080) X	ND(0.0000000000024)
1,2,3,7,8,9-HxCDF	ND(0.0000000000013) X	ND(0.0000000000017)	ND(0.00000000000090)	ND(0.0000000000031)
2,3,4,6,7,8-HxCDF	ND(0.0000000000011) X	ND(0.0000000000015)	ND(0.00000000000080)	ND(0.0000000000027)
HxCDFs (total)	0.0000000000012	0.0000000000020	0.0000000000023	ND(0.0000000000027)
1,2,3,4,6,7,8-HpCDF	ND(0.00000000000080)	ND(0.0000000000025)	0.0000000000032 J	0.0000000000038 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000000000090)	ND(0.0000000000031)	ND(0.0000000000021)	ND(0.0000000000040)
HpCDFs (total)	ND(0.00000000000080)	ND(0.0000000000028)	0.0000000000032	0.0000000000092
OCDF	0.0000000000021 J	ND(0.000000000011) X	ND(0.0000000000037) X	0.000000000016 J
Dioxins				
2,3,7,8-TCDD	ND(0.00000000000030) X	ND(0.0000000000016)	ND(0.0000000000010)	ND(0.00000000000070)
TCDDs (total)	ND(0.0000000000018)	ND(0.0000000000016)	ND(0.0000000000010)	ND(0.0000000000014)
1,2,3,7,8-PeCDD	ND(0.0000000000013) X	ND(0.00000000000040)	ND(0.00000000000090)	ND(0.00000000000070)
PeCDDs (total)	ND(0.0000000000025)	ND(0.0000000000012)	ND(0.0000000000018)	ND(0.0000000000010)
1,2,3,4,7,8-HxCDD	ND(0.0000000000013) X	ND(0.0000000000035)	ND(0.0000000000012)	ND(0.0000000000049)
1,2,3,6,7,8-HxCDD	0.0000000000013 J	ND(0.0000000000031)	ND(0.0000000000011)	ND(0.0000000000044)
1,2,3,7,8,9-HxCDD	ND(0.0000000000012) X	ND(0.0000000000032)	ND(0.0000000000011)	ND(0.0000000000045)
HxCDDs (total)	0.0000000000013	ND(0.0000000000033)	0.0000000000022	ND(0.0000000000046)
1,2,3,4,6,7,8-HpCDD	ND(0.0000000000023) X	0.0000000000097 J	ND(0.0000000000039) X	0.0000000000095 J
HpCDDs (total)	ND(0.00000000000020)	0.0000000000097	0.0000000000028	0.0000000000095
OCDD	0.0000000000087 J	0.000000000054 JB	0.000000000026 J	0.000000000077 J
WHO TEF	0.0000000000018	0.0000000000024	0.0000000000017	0.0000000000027

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-1 10/31/01	78-6 10/31-11/01/01	H78B-15 11/01-11/26/01	NY-4 11/21-11/26/01
Inorganics-Unfiltered				
Antimony	ND(0.0600)	0.0120 B	0.00990 B	ND(0.0600)
Arsenic	ND(0.0100)	0.370	0.0200	ND(0.0100)
Barium	0.0330 B	0.160 B	0.150 B	0.0590 B
Beryllium	ND(0.00100)	ND(0.00100)	0.000930 B	ND(0.00100)
Cadmium	ND(0.00500)	0.00600	0.00250 B	ND(0.00500)
Chromium	ND(0.0100)	0.0280	0.0430	0.110
Cobalt	ND(0.0500)	0.0100 B	0.0310 B	0.00790 B
Copper	ND(0.0250)	0.0910	0.0810	0.0180 B
Cyanide	ND(0.0100)	0.0290	ND(0.0100)	ND(0.0100)
Lead	ND(0.00500)	0.0200	0.0310	0.00660
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	0.0110 B	0.0560	0.0770
Selenium	ND(0.00500)	0.00510	ND(0.00500)	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)	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)	0.0150 B	0.0330 B	0.00840 B
Zinc	0.0160 B	2.00	0.220	0.0620
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	0.00910 B	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0200 B	0.0680 B	0.0700 B	0.0180 B
Beryllium	ND(0.00100)	ND(0.00100)	ND(0.00100)	ND(0.00100)
Cadmium	ND(0.00500)	ND(0.00500)	0.000880 B	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)
Lead	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	ND(0.00500)	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	0.0210	0.00620 B	ND(0.0200)	0.0280

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/31/01	OPCA-MW-2 10/31/01	OPCA-MW-3 11/02/01
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(0.0050)	ND(0.0050)	ND(0.0050)
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(0.0020)	ND(0.0020)	ND(0.0020)
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)	ND(0.20)	ND(0.20)
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)	ND(0.10)	ND(0.10)
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)	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050)
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)	ND(0.010)	ND(0.010)
Styrene	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)
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)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050)	ND(0.0050)	ND(0.0050)
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)	ND(0.20)	ND(0.20)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/31/01	OPCA-MW-2 10/31/01	OPCA-MW-3 11/02/01
PCBs-Unfiltered			
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	0.00013	0.00014	ND(0.000065) [ND(0.000065)]
Aroclor-1260	0.000088	0.00047	ND(0.000065) [ND(0.000065)]
Total PCBs	0.000218	0.00061	ND(0.000065) [ND(0.000065)]
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	0.000029 J	0.00026	ND(0.000065) [ND(0.000065)]
Aroclor-1260	ND(0.000065)	0.00067	ND(0.000065) [ND(0.000065)]
Total PCBs	0.000029 J	0.00093	ND(0.000065) [ND(0.000065)]
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)]
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,3-Dinitrobenzene	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
1-Naphthylamine	ND(0.010)	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)]
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Acetylaminofluorene	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
2-Naphthylamine	ND(0.010)	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(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
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) [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)]
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)	ND(0.050) [ND(0.050)]

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/31/01	OPCA-MW-2 10/31/01	OPCA-MW-3 11/02/01
Semivolatile Organics (continued)			
4-Nitroquinoline-1-oxide	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
4-Phenylenediamine	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
a,a'-Dimethylphenethylamine	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)]
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)	ND(0.010)	ND(0.010) [ND(0.010)]
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)	ND(0.020)	ND(0.020) [ND(0.020)]
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(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachlorocyclopentadiene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Hexachlorophene	ND(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
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)	ND(0.010)	ND(0.010) [ND(0.010)]
Isosafrole	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Methapyrilene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/31/01	OPCA-MW-2 10/31/01	OPCA-MW-3 11/02/01
Semivolatile Organics (continued)			
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(0.020)	ND(0.020)	ND(0.020) [ND(0.020)]
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Phenol	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pronamide	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pyrene	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Pyridine	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Safrole	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Thionazin	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Furans			
2,3,7,8-TCDF	0.0000000000014 J	ND(0.0000000000010) X	ND(0.00000000000080) [0.0000000000018 J]
TCDFs (total)	0.0000000000058	0.0000000000032	ND(0.00000000000080) [0.0000000000065]
1,2,3,7,8-PeCDF	0.0000000000033 J	0.0000000000021 J	ND(0.0000000000017) X [0.0000000000041 J]
2,3,4,7,8-PeCDF	0.0000000000035 J	ND(0.0000000000032) X	ND(0.0000000000018) X [ND(0.0000000000035) X]
PeCDFs (total)	0.000000000022 I	0.000000000016 I	ND(0.00000000000080) [0.0000000000085]
1,2,3,4,7,8-HxCDF	0.0000000000052 J	0.0000000000079 J	ND(0.0000000000015) X [0.0000000000032 J]
1,2,3,6,7,8-HxCDF	0.0000000000041 J	0.0000000000042 J	ND(0.0000000000015) X [0.0000000000032 J]
1,2,3,7,8,9-HxCDF	0.0000000000031 J	ND(0.0000000000026) X	ND(0.0000000000013) X [ND(0.0000000000032) X]
2,3,4,6,7,8-HxCDF	0.0000000000038 J	ND(0.0000000000024) X	ND(0.0000000000012) X [0.0000000000023 J]
HxCDFs (total)	0.000000000034	0.000000000016	ND(0.0000000000012) [0.0000000000086]
1,2,3,4,6,7,8-HpCDF	0.0000000000054 J	ND(0.0000000000074) X	ND(0.0000000000027) X [ND(0.0000000000038) X]
1,2,3,4,7,8,9-HpCDF	0.0000000000026 J	0.0000000000039 J	ND(0.0000000000022) [ND(0.0000000000026)]
HpCDFs (total)	0.000000000012	0.000000000014	ND(0.0000000000020) [ND(0.0000000000023)]
OCDF	0.0000000000069 J	0.000000000022 J	0.0000000000052 J [0.0000000000067 J]
Dioxins			
2,3,7,8-TCDD	ND(0.0000000000022) X	ND(0.0000000000021) X	ND(0.00000000000070) [ND(0.0000000000027) X]
TCDDs (total)	ND(0.00000000000040)	ND(0.0000000000015)	ND(0.0000000000023) [ND(0.0000000000022)]
1,2,3,7,8-PeCDD	ND(0.0000000000037) X	ND(0.0000000000023) X	0.0000000000019 J [0.0000000000041 J]
PeCDDs (total)	ND(0.0000000000022)	ND(0.0000000000026)	0.0000000000019 [0.0000000000041]
1,2,3,4,7,8-HxCDD	0.0000000000022 J	0.0000000000014 J	ND(0.0000000000018) [0.0000000000023 J]
1,2,3,6,7,8-HxCDD	ND(0.0000000000020) X	0.0000000000018 J	ND(0.0000000000016) [0.0000000000031 J]
1,2,3,7,8,9-HxCDD	0.0000000000021 J	0.0000000000014 J	ND(0.0000000000017) [ND(0.0000000000023) X]
HxCDDs (total)	0.0000000000092	0.000000000012	ND(0.0000000000048) [0.0000000000055]
1,2,3,4,6,7,8-HpCDD	0.0000000000064 J	0.0000000000062 J	0.0000000000032 J [0.0000000000053 J]
HpCDDs (total)	0.000000000012	0.000000000011	0.0000000000050 [0.0000000000053]
OCDD	0.000000000060 J	0.000000000049 J	ND(0.000000000019) X [0.000000000024 J]
WHO TEF	0.0000000000073	0.0000000000052	0.0000000000034 [0.0000000000085]

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-1 10/31/01	OPCA-MW-2 10/31/01	OPCA-MW-3 11/02/01
Inorganics-Unfiltered			
Antimony	ND(0.0600)	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic	ND(0.0100)	0.0190	ND(0.0100) [ND(0.0100)]
Barium	0.0240 B	0.130 B	0.110 B [0.100 B]
Beryllium	ND(0.00100)	0.000820 B	ND(0.00100) [ND(0.00100)]
Cadmium	ND(0.00500)	0.00300 B	ND(0.00500) [ND(0.00500)]
Chromium	0.00470 B	0.0510	0.00410 B [0.00330 B]
Cobalt	ND(0.0500)	0.0180 B	0.00360 B [0.00290 B]
Copper	0.00660 B	0.0510	0.00680 B [0.00600 B]
Cyanide	ND(0.0100)	ND(0.0100)	0.00220 B [ND(0.0100)]
Lead	ND(0.00500)	0.0180	ND(0.00500) [ND(0.00500)]
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	ND(0.0400)	0.0360 B	0.00520 B [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)]
Sulfide	ND(5.00)	ND(5.00)	ND(5.00) [ND(5.00)]
Thallium	ND(0.0100)	ND(0.0100)	ND(0.0100) [ND(0.0100)]
Tin	ND(0.0300)	ND(0.0300)	ND(0.0300) [ND(0.0300)]
Vanadium	ND(0.0500)	0.0380 B	ND(0.0500) [ND(0.0500)]
Zinc	0.0210	0.150	0.0250 [0.0170 B]
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	0.0220 B	0.0200 B	0.100 B [0.100 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)	0.00300 B [ND(0.0100)]
Cobalt	ND(0.0500)	ND(0.0500)	0.00320 B [0.00260 B]
Copper	ND(0.0250)	ND(0.0250)	0.00570 B [0.00590 B]
Lead	ND(0.00500)	ND(0.00500)	ND(0.00500) [ND(0.00500)]
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200) [ND(0.000200)]
Nickel	ND(0.0400)	ND(0.0400)	0.00420 B [0.00420 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)	0.0110 [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	0.0180 B	0.0140 B	0.00770 B [ND(0.0200)]

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-5R 10/31/01	OPCA-MW-7 11/01-11/07/01	OPCA-MW-8 11/01/01
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	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)]	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,2-Dibromoethane	ND(0.0020)	ND(0.0020)	ND(0.0010) [ND(0.0020)]	ND(0.0020)
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,4-Dioxane	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]	ND(0.20)
2-Butanone	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
2-Hexanone	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
3-Chloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acetone	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Acrolein	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Acrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Bromoform	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Bromomethane	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Carbon Disulfide	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050)	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)]	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Isobutanol	ND(0.10)	ND(0.10)	ND(0.10) [ND(0.10)]	ND(0.10)
Methacrylonitrile	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Propionitrile	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Styrene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Acetate	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20) [ND(0.20)]	ND(0.20)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-5R 10/31/01	OPCA-MW-7 11/01-11/07/01	OPCA-MW-8 11/01/01
PCBs-Unfiltered				
Aroclor-1016	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1221	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1232	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1242	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1254	0.00018	0.000033 J	NS	0.000095
Aroclor-1260	ND(0.000065)	0.000036 J	NS	ND(0.000065)
Total PCBs	0.00018	0.000069 J	NS	0.000095
PCBs-Filtered				
Aroclor-1016	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1221	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1232	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1242	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1248	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Aroclor-1254	0.000045 J	ND(0.000065)	NS	ND(0.000065)
Aroclor-1260	ND(0.000065)	ND(0.000065)	NS	ND(0.000065)
Total PCBs	0.000045 J	ND(0.000065)	NS	ND(0.000065)
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)
1,3-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,3-Dinitrobenzene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
1,4-Dichlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1,4-Naphthoquinone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
1-Naphthylamine	ND(0.010)	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)
2,4-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dichlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2,6-Dinitrotoluene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Acetylaminofluorene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
2-Chloronaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylnaphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Methylphenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Naphthylamine	ND(0.010)	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(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
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)	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)
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)	ND(0.050)	ND(0.050)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-5R 10/31/01	OPCA-MW-7 11/01-11/07/01	OPCA-MW-8 11/01/01
Semivolatile Organics (continued)				
4-Nitroquinoline-1-oxide	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
4-Phenylenediamine	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
5-Nitro-o-toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
7,12-Dimethylbenz(a)anthracene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
a,a'-Dimethylphenethylamine	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)
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)	ND(0.010)	ND(0.010)	ND(0.010)
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)	ND(0.020)	ND(0.020)	ND(0.020)
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(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorocyclopentadiene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachloroethane	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorophene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
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)	ND(0.010)	ND(0.010)	ND(0.010)
Isosafrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methapyrilene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Methyl Methanesulfonate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodimethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-butylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitroso-di-n-propylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosodiphenylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomethylethylamine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosomorpholine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopiperidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
N-Nitrosopyrrolidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o,o,o-Triethylphosphorothioate	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
o-Toluidine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-5R 10/31/01	OPCA-MW-7 11/01-11/07/01	OPCA-MW-8 11/01/01
Semivolatile Organics (continued)				
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(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Phenanthrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Phenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pronamide	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyrene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Pyridine	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Safrole	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Thionazin	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF	0.000000000014	ND(0.00000000000060)	ND(0.0000000000021) X	ND(0.0000000000060)
TCDFs (total)	0.00000000037	ND(0.00000000000060)	0.0000000000019	ND(0.0000000000060)
1,2,3,7,8-PeCDF	0.000000000010 J	ND(0.0000000000020) X	ND(0.0000000000014) X	ND(0.0000000000044)
2,3,4,7,8-PeCDF	ND(0.0000000000084) X	0.0000000000018 J	ND(0.0000000000024) X	ND(0.0000000000043)
PeCDFs (total)	0.00000000030	0.0000000000018	0.0000000000043	ND(0.0000000000043)
1,2,3,4,7,8-HxCDF	0.000000000033	0.0000000000018 J	ND(0.0000000000010)	ND(0.0000000000017)
1,2,3,6,7,8-HxCDF	ND(0.0000000000049)	0.0000000000018 J	ND(0.00000000000090)	ND(0.0000000000015)
1,2,3,7,8,9-HxCDF	ND(0.0000000000061)	0.0000000000020 J	ND(0.0000000000011)	ND(0.0000000000019)
2,3,4,6,7,8-HxCDF	ND(0.0000000000054)	ND(0.00000000000050)	ND(0.0000000000010)	ND(0.0000000000017)
HxCDFs (total)	0.00000000012	0.0000000000056	0.0000000000013	ND(0.0000000000017)
1,2,3,4,6,7,8-HpCDF	0.000000000012 J	ND(0.0000000000018) X	ND(0.0000000000016)	0.0000000000052 JQ
1,2,3,4,7,8,9-HpCDF	0.0000000000034 J	ND(0.00000000000080)	ND(0.0000000000020)	ND(0.0000000000030)
HpCDFs (total)	0.000000000021	ND(0.00000000000070)	ND(0.0000000000018)	0.0000000000052 Q
OCDF	0.000000000015 J	ND(0.00000000000080)	ND(0.0000000000026) X	ND(0.0000000000087) X
Dioxins				
2,3,7,8-TCDD	ND(0.0000000000015)	ND(0.00000000000070)	ND(0.00000000000090)	ND(0.0000000000075)
TCDDs (total)	ND(0.0000000000024)	ND(0.0000000000010)	ND(0.00000000000090)	ND(0.0000000000075)
1,2,3,7,8-PeCDD	ND(0.0000000000012)	0.0000000000021 J	ND(0.00000000000060)	ND(0.0000000000075)
PeCDDs (total)	ND(0.0000000000012)	0.0000000000021	ND(0.0000000000016)	ND(0.0000000000075)
1,2,3,4,7,8-HxCDD	ND(0.0000000000052)	ND(0.00000000000090)	ND(0.0000000000018)	ND(0.0000000000052)
1,2,3,6,7,8-HxCDD	ND(0.0000000000046)	ND(0.00000000000080)	ND(0.0000000000016)	ND(0.0000000000046)
1,2,3,7,8,9-HxCDD	ND(0.0000000000047)	ND(0.0000000000022) X	ND(0.0000000000017)	ND(0.0000000000047)
HxCDDs (total)	ND(0.0000000000048)	ND(0.0000000000027)	0.0000000000061	ND(0.0000000000048)
1,2,3,4,6,7,8-HpCDD	0.0000000000048 J	ND(0.0000000000035) X	0.0000000000062 J	ND(0.000000000011) X
HpCDDs (total)	0.0000000000080	ND(0.00000000000060)	0.0000000000062	0.0000000000080
OCDD	0.000000000028 J	ND(0.000000000013) X	0.000000000020 J	0.00000000011 BQ
WHO TEF	0.000000000010	0.0000000000042	0.0000000000020	0.000000000010

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-4 10/30/01	OPCA-MW-5R 10/31/01	OPCA-MW-7 11/01-11/07/01	OPCA-MW-8 11/01/01
Inorganics-Unfiltered				
Antimony	ND(0.0600)	ND(0.0600)	NS	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Barium	0.0280 B	0.0520 B	NS	0.0350 B
Beryllium	ND(0.00100)	ND(0.00100)	NS	ND(0.00100)
Cadmium	ND(0.00500)	0.000800 B	NS	ND(0.00500)
Chromium	ND(0.0100)	0.0140	NS	0.00370 B
Cobalt	ND(0.0500)	0.00450 B	NS	ND(0.0500)
Copper	ND(0.0250)	0.0110 B	NS	ND(0.0250)
Cyanide	ND(0.0100)	ND(0.0100)	NS	0.0260
Lead	ND(0.00500)	0.00430 B	NS	0.00490 B
Mercury	ND(0.000200)	ND(0.000200)	NS	ND(0.000200)
Nickel	ND(0.0400)	0.00740 B	NS	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Sulfide	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)
Thallium	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Tin	ND(0.0300)	ND(0.0300)	NS	ND(0.0300)
Vanadium	ND(0.0500)	0.00660 B	NS	0.00440 B
Zinc	0.00890 B	0.0500	NS	0.180
Inorganics-Filtered				
Antimony	ND(0.0600)	ND(0.0600)	NS	ND(0.0600)
Arsenic	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Barium	0.0300 B	0.0280 B	NS	0.0310 B
Beryllium	ND(0.00100)	ND(0.00100)	NS	ND(0.00100)
Cadmium	ND(0.00500)	0.000850 B	NS	ND(0.00500)
Chromium	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Cobalt	ND(0.0500)	ND(0.0500)	NS	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	NS	ND(0.0250)
Lead	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Mercury	ND(0.000200)	ND(0.000200)	NS	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	NS	ND(0.0400)
Selenium	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Silver	ND(0.00500)	ND(0.00500)	NS	ND(0.00500)
Thallium	ND(0.0100)	ND(0.0100)	NS	ND(0.0100)
Tin	ND(0.0300)	ND(0.0300)	NS	ND(0.0300)
Vanadium	ND(0.0500)	ND(0.0500)	NS	ND(0.0500)
Zinc	0.0570	0.0280	NS	0.100

TABLE C-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ON-PLANT CONSOLIDATION AREAS

FALL 2001 GROUNDWATER ANALYTICAL RESULTS

(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs and Appendix IX + 3 constituents (unless otherwise noted).
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NS - Not Sampled - Parameter was not requested on sample chain of custody form.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.

Data Qualifiers:

Organics

J - The compound or analyte was positively identified, but the associated numerical value is an estimated concentration.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
X - Estimated maximum possible concentration.
Q - Indicates the presence of quantitative interferences.
B - Analyte was also detected in the associated method blank.

Inorganics

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

Appendix D

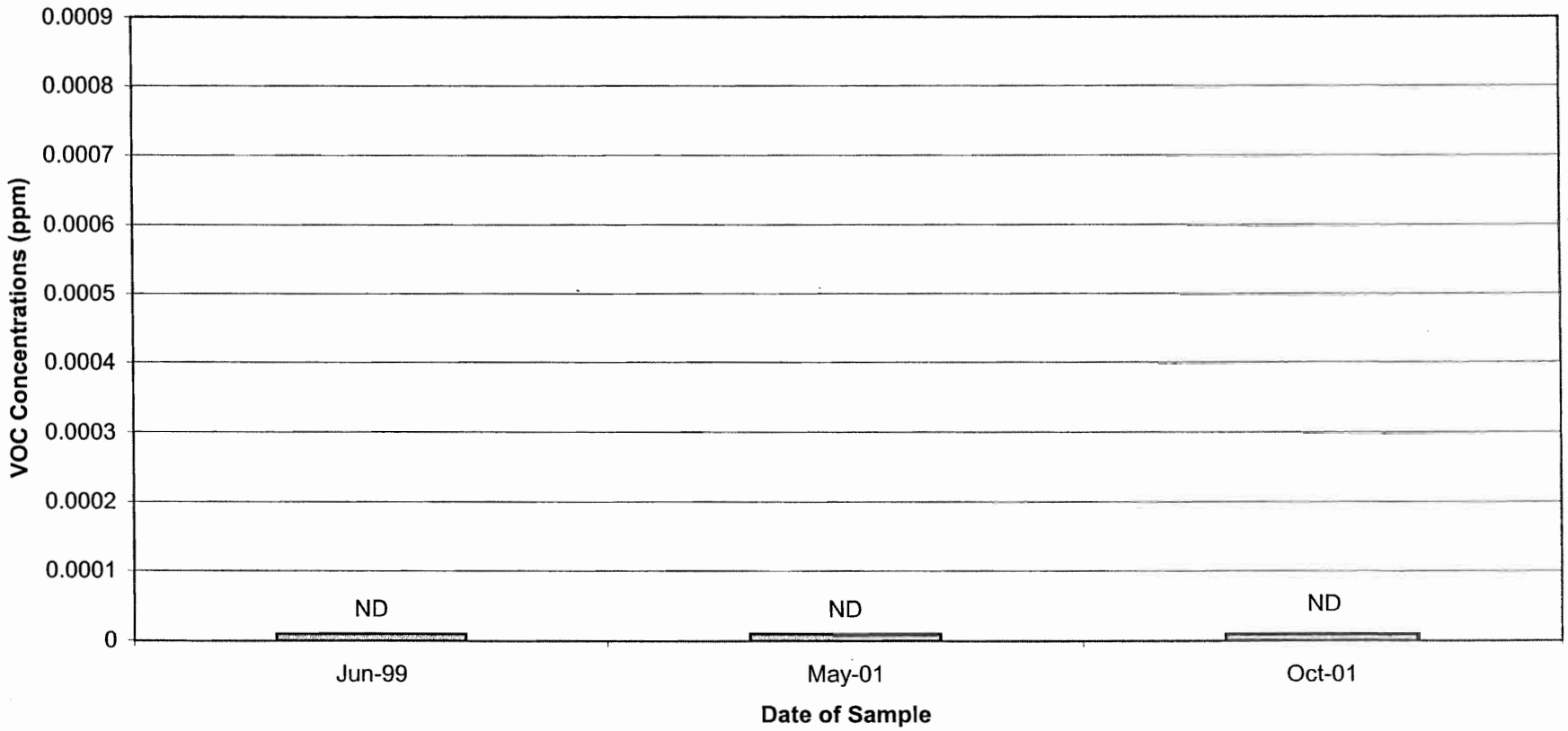
Historical Data from OPCA Monitoring Wells

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

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-1 Historical Total VOC Concentrations

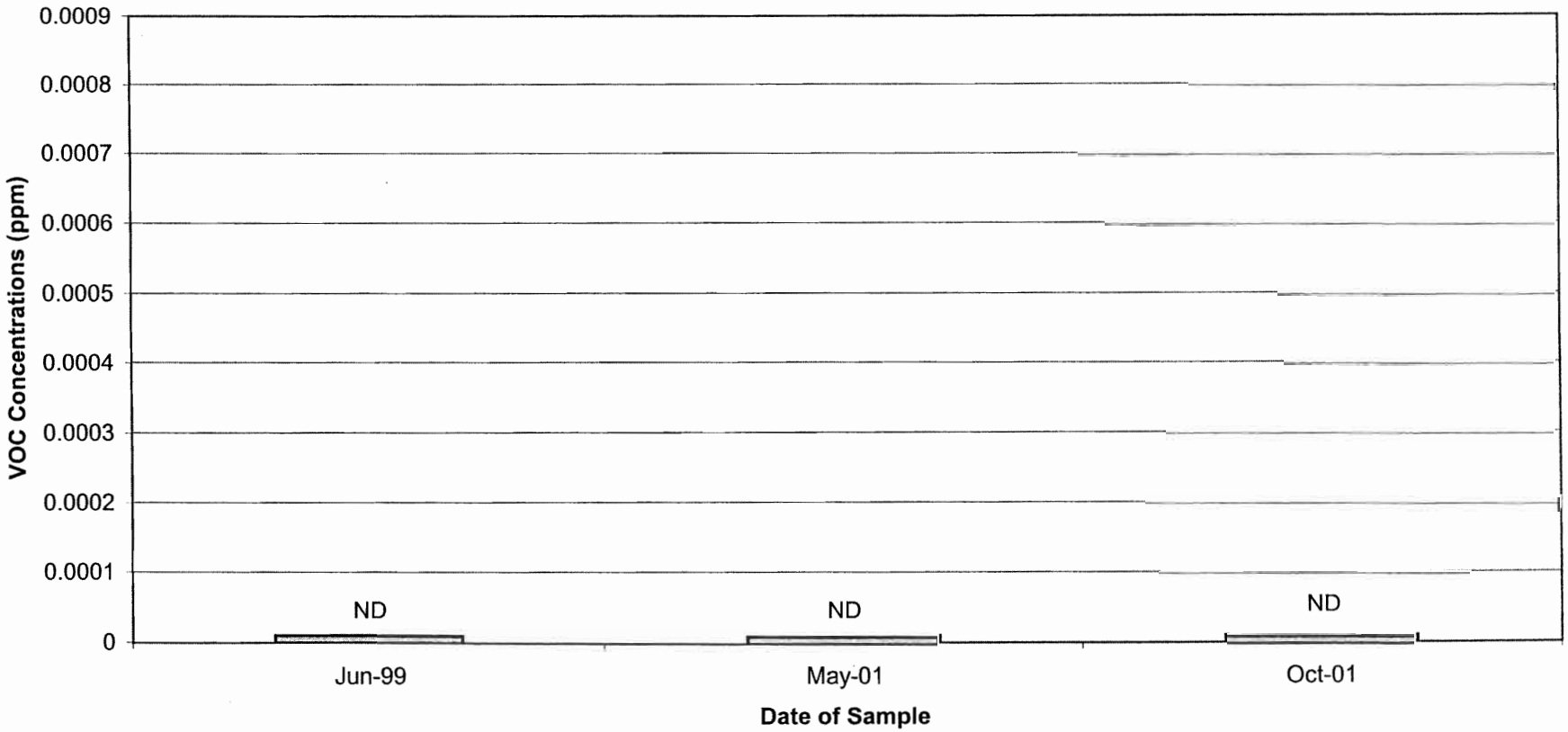


v:\GE_Pittsfield_CD_OPCAs\1662199AppD VOC

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-2 Historical Total VOC Concentrations



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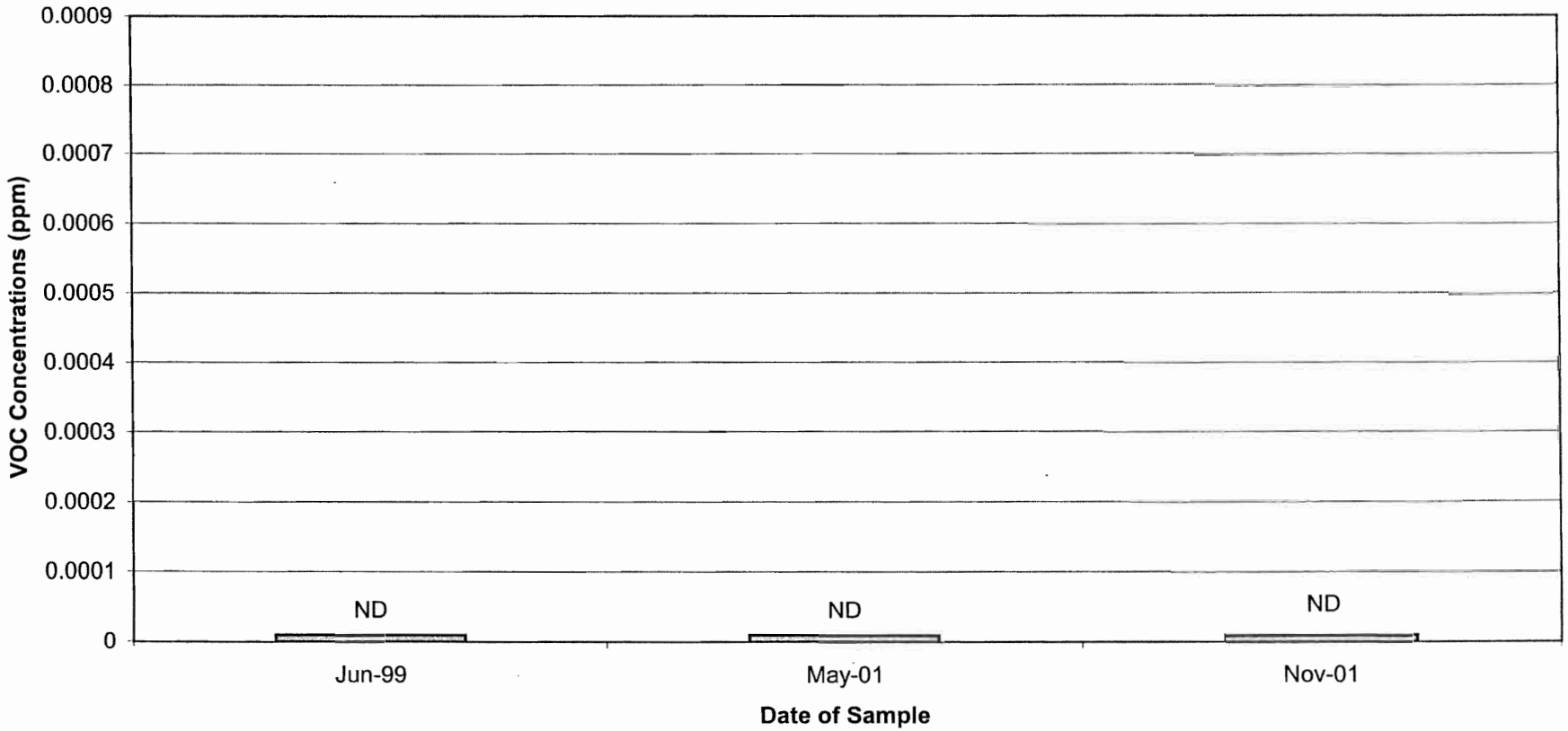
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-3 Historical Total VOC Concentrations



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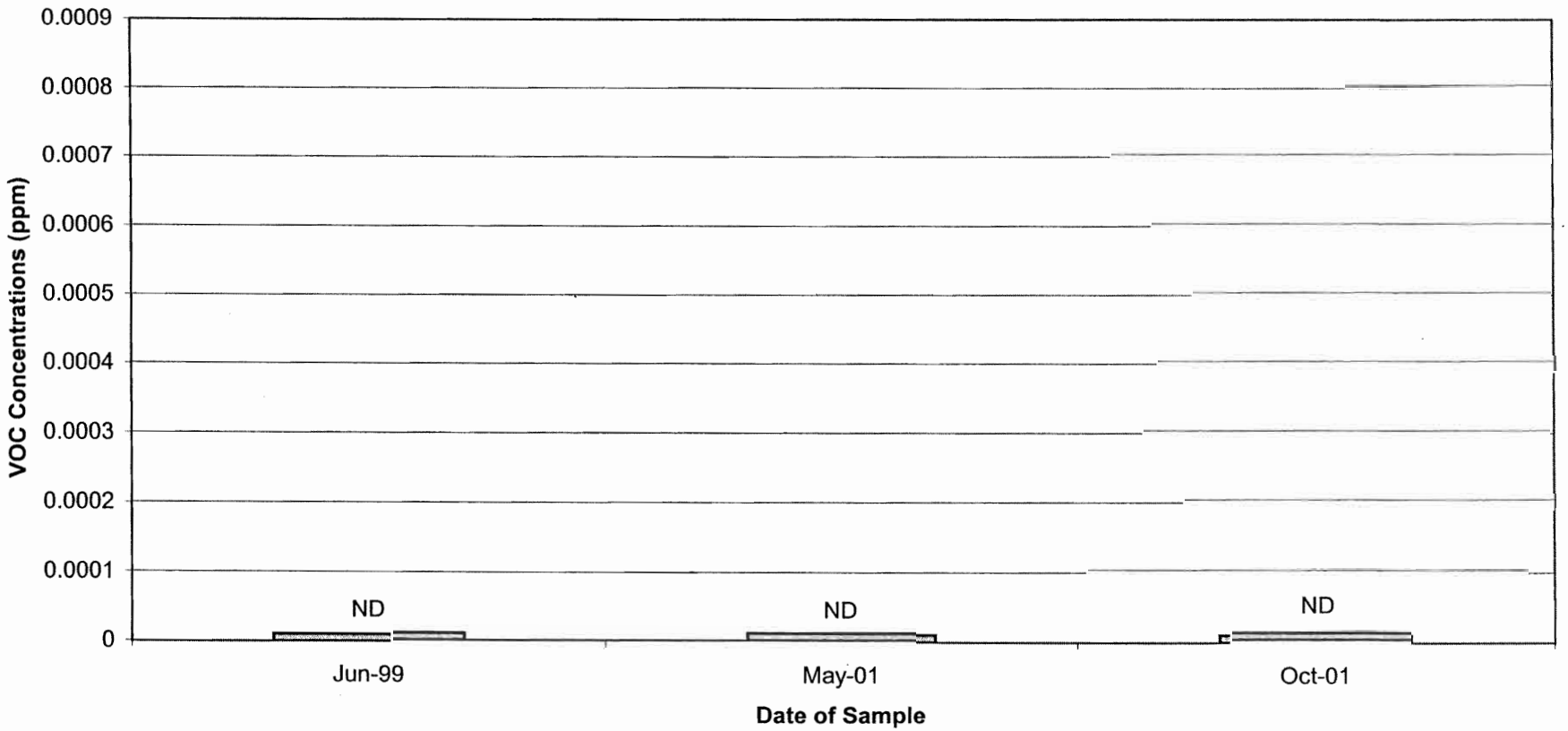
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-4 Historical Total VOC Concentrations



v:\GE_Pittsfield_CD_OPCAs\1662199AppD VOC

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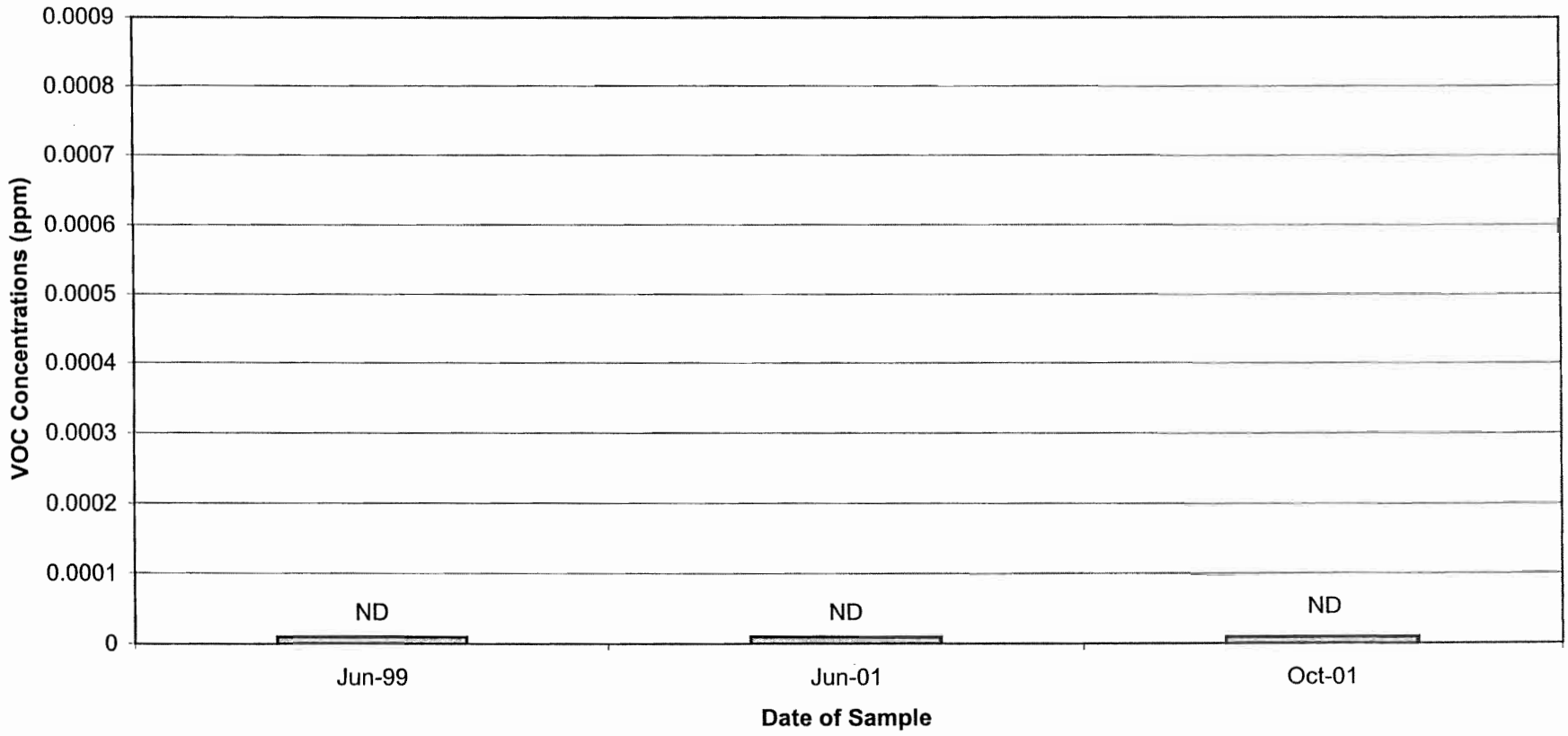
General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-5R Historical Total VOC Concentrations



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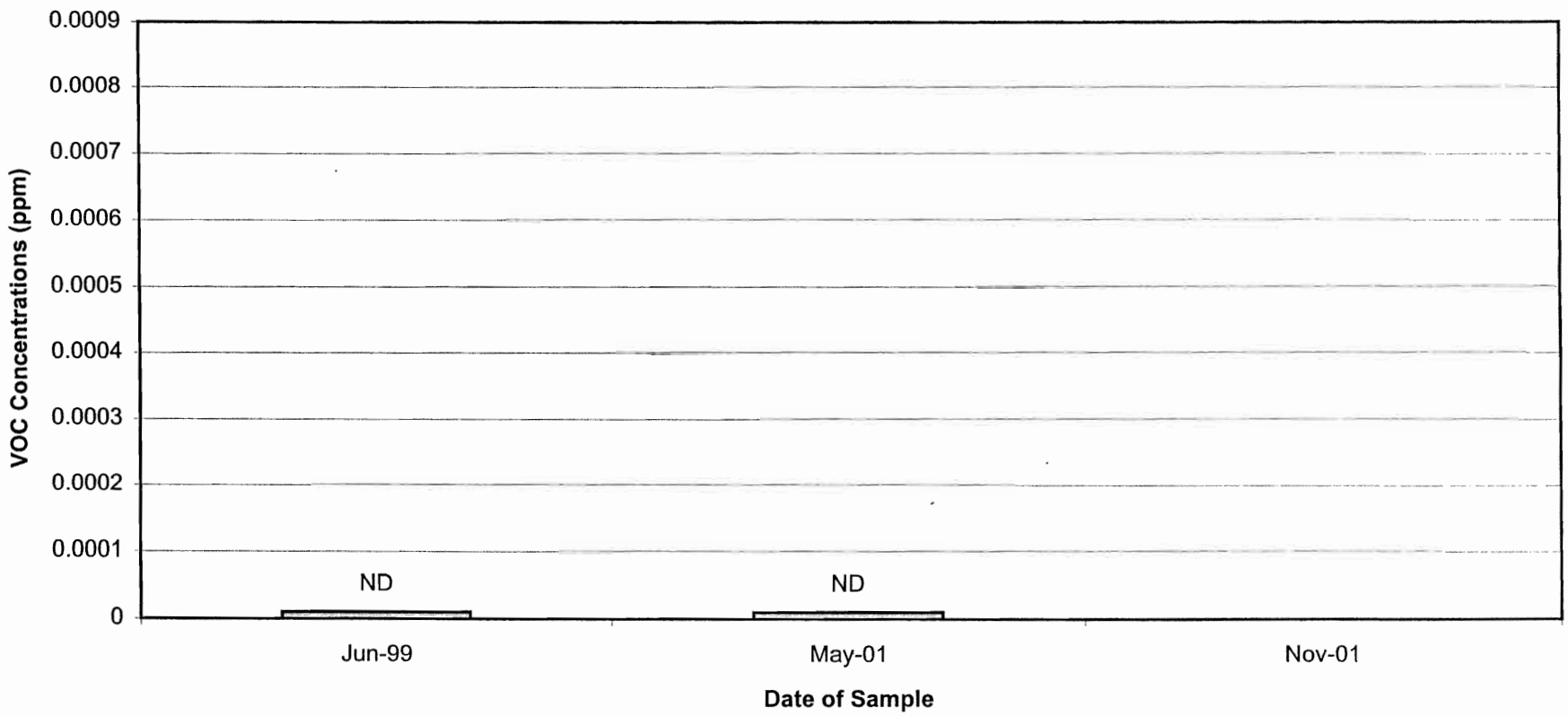
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-6 Historical Total VOC Concentrations

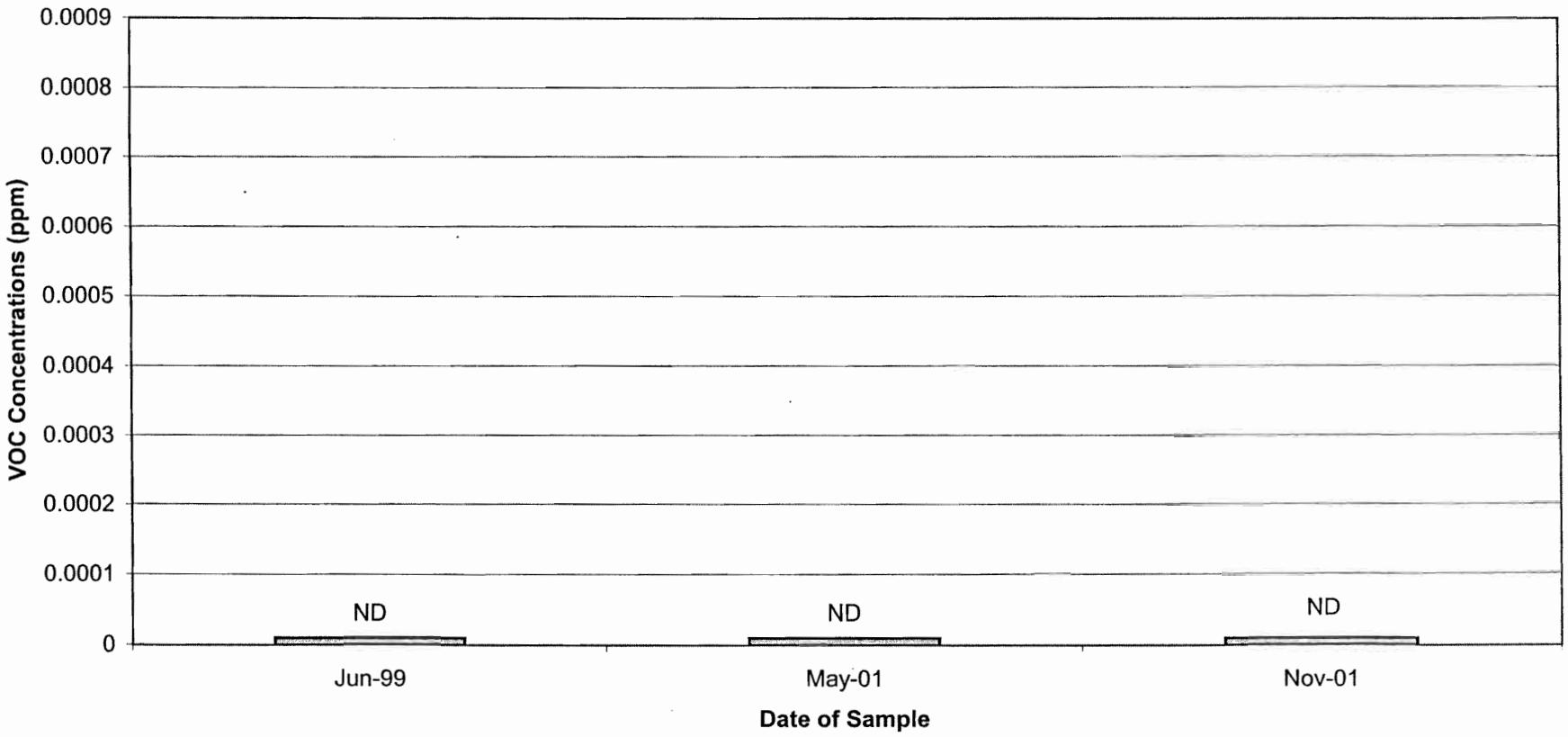


Graph Notes:
A sample was unable to be collected for VOC analysis during the fall 2001 sampling event due to inadequate quantities of groundwater at time of sample collection.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-7 Historical Total VOC Concentrations



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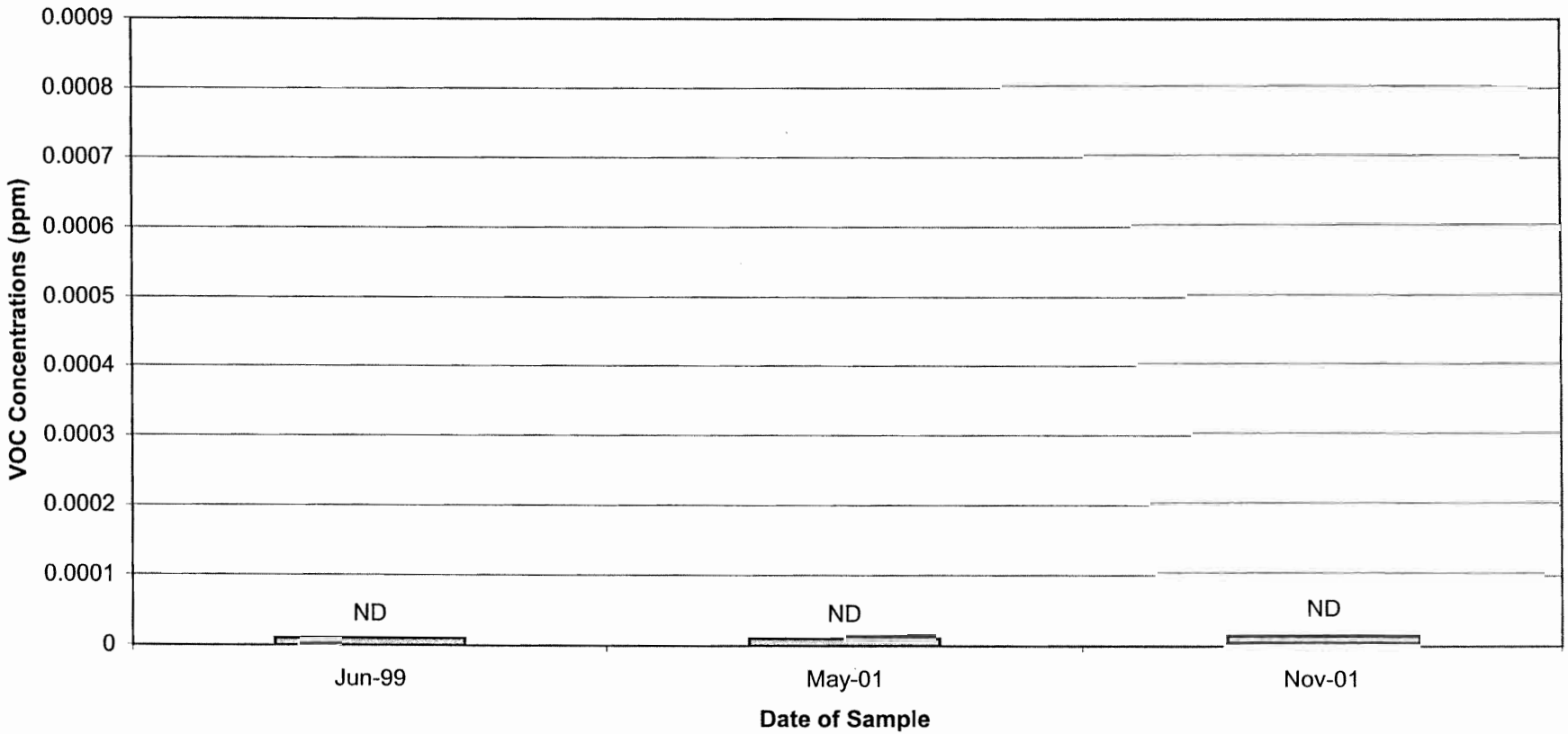
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-8 Historical Total VOC Concentrations



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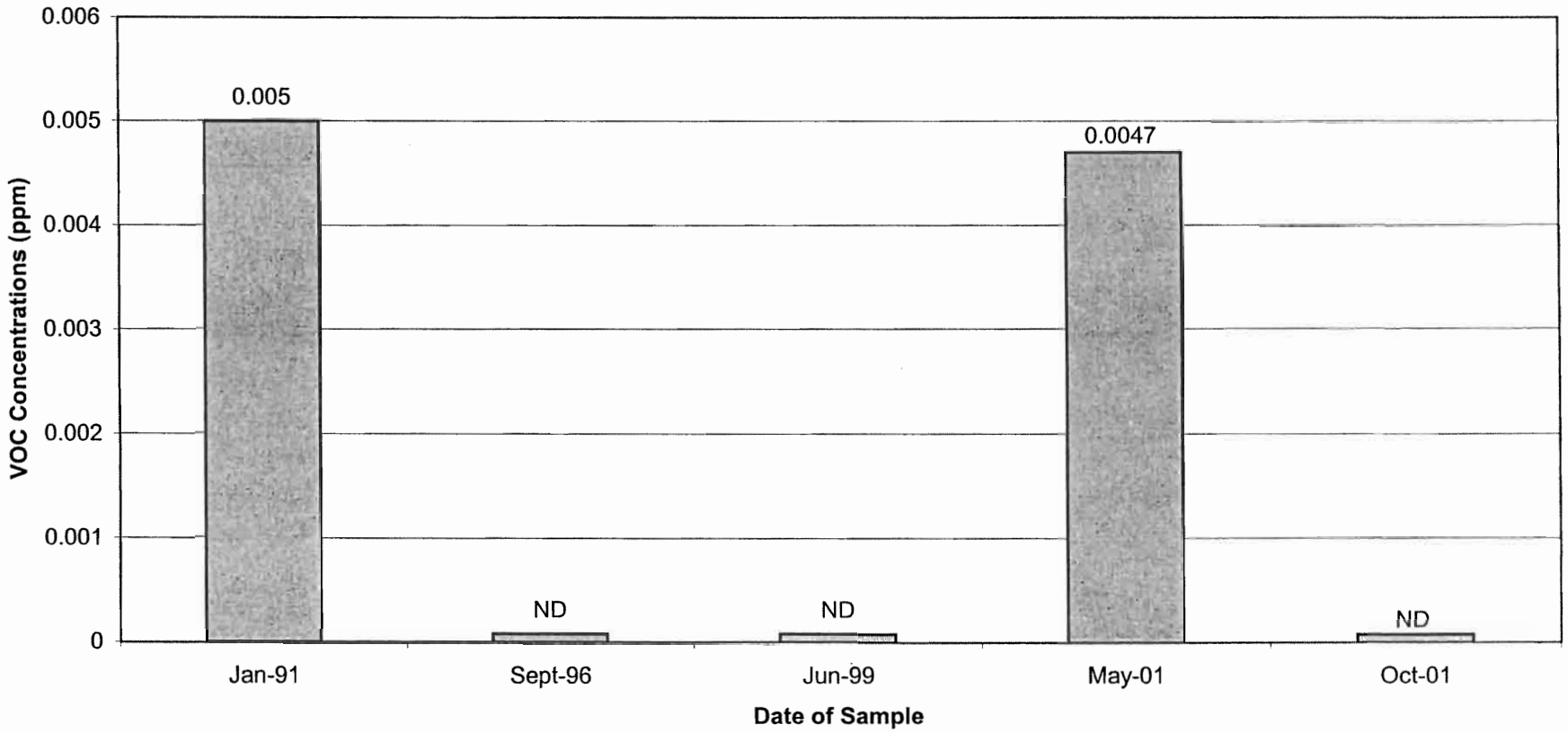
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well 78-1 Historical Total VOC Concentrations

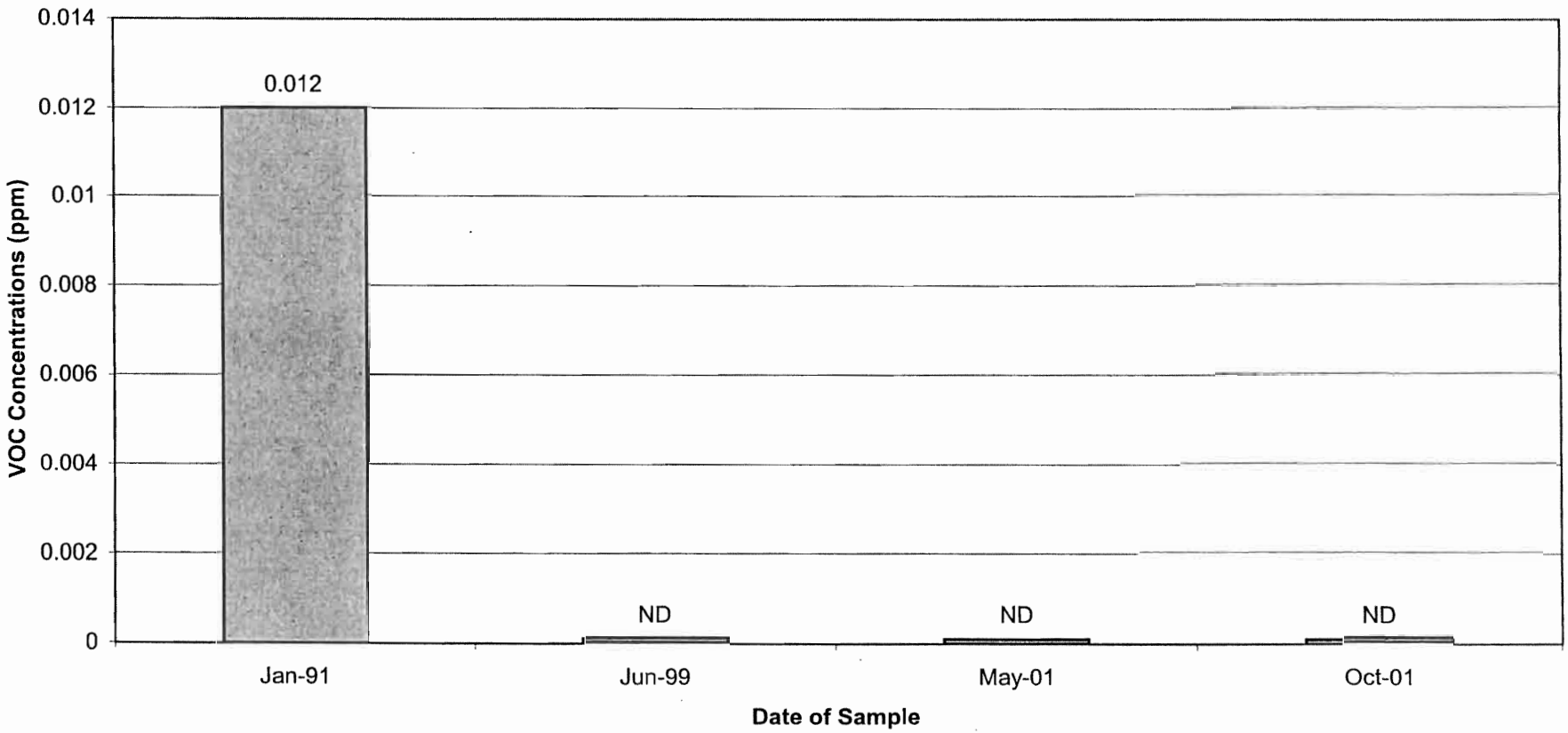


v:\GE_Pittsfield_CD_OPCAs\1662199AppD VOC

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well 78-6 Historical Total VOC Concentrations

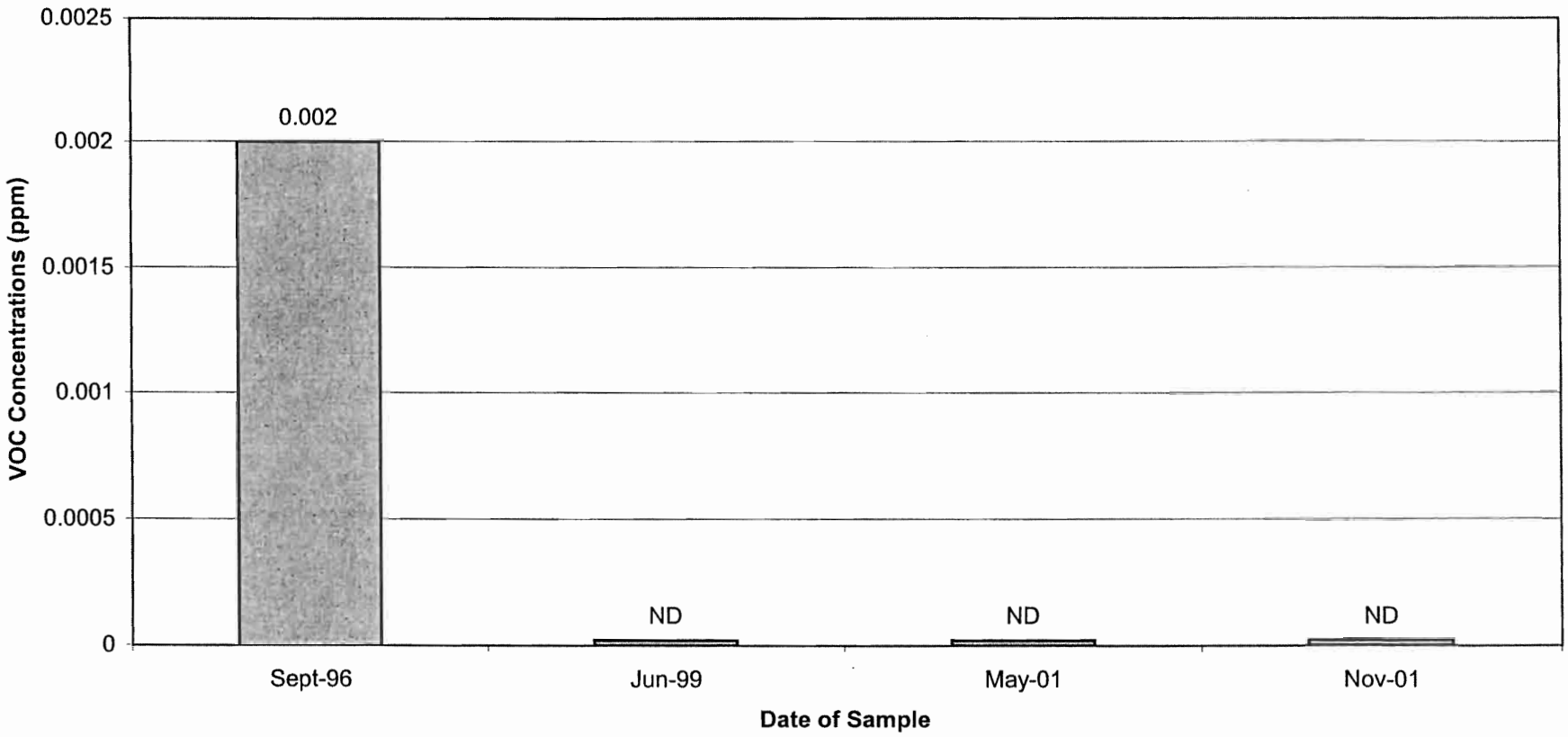


v:\GE_Pittsfield_CD_OPCAs\1662199AppD VOC

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well H78B-15 Historical Total VOC Concentrations



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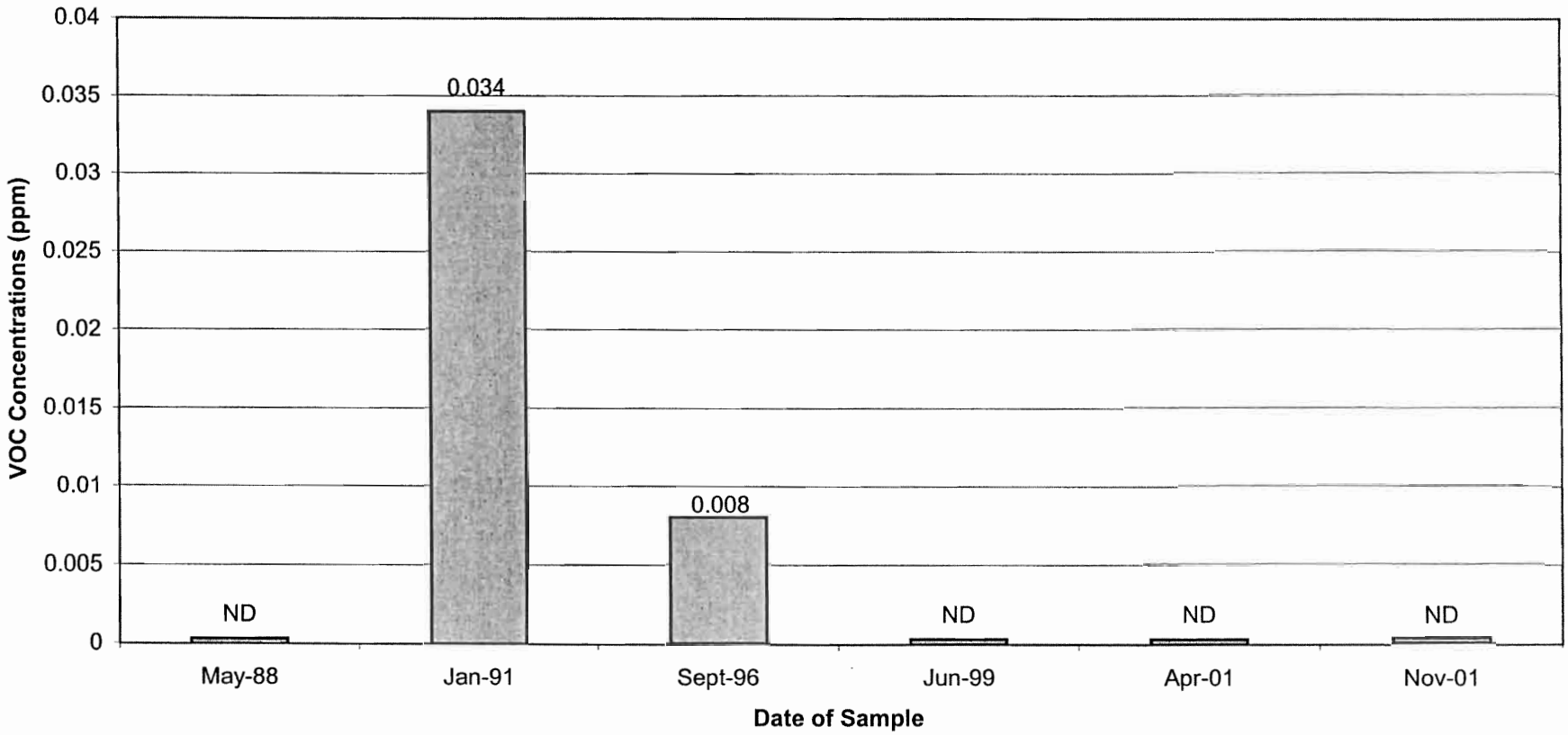
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well NY-4 Historical Total VOC Concentrations



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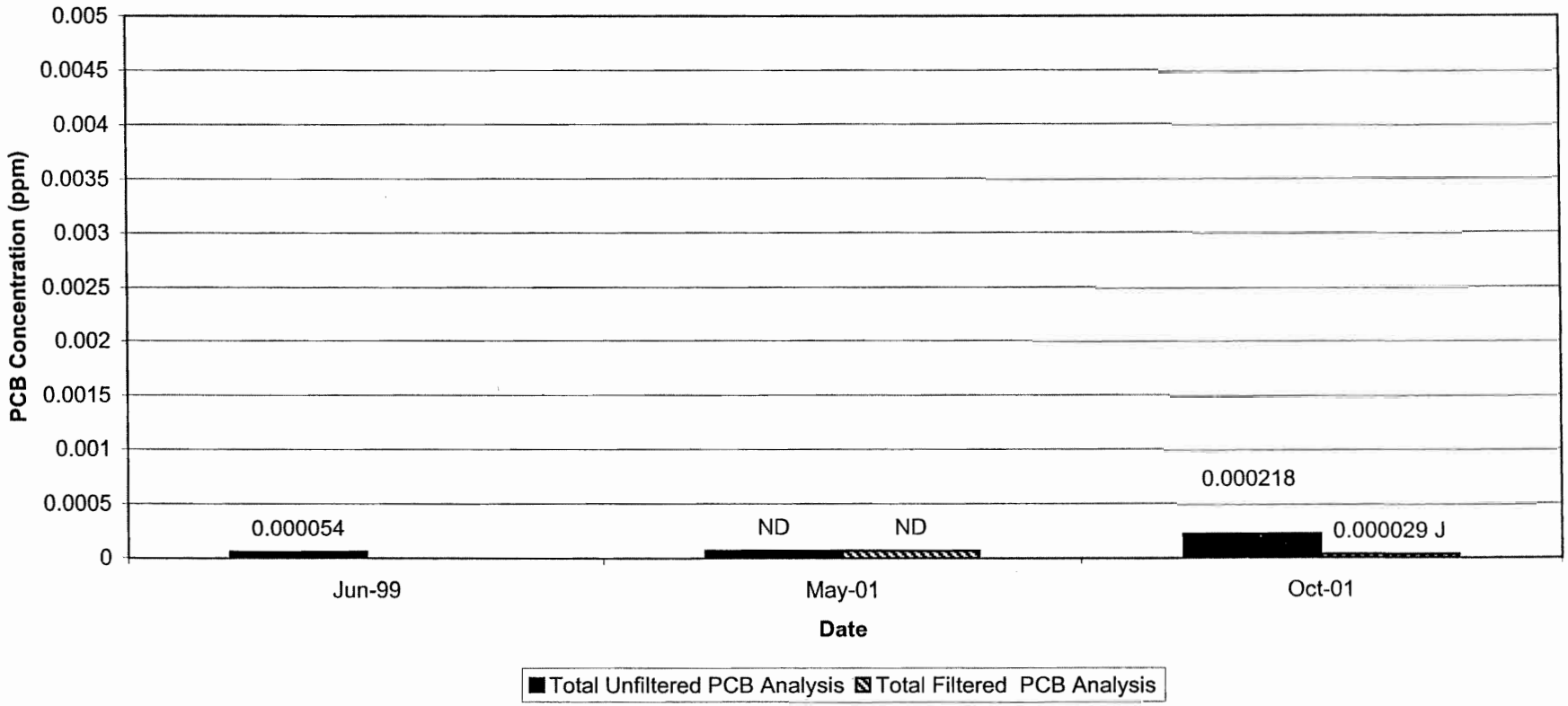
Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-1 Historical Total PCB Concentrations

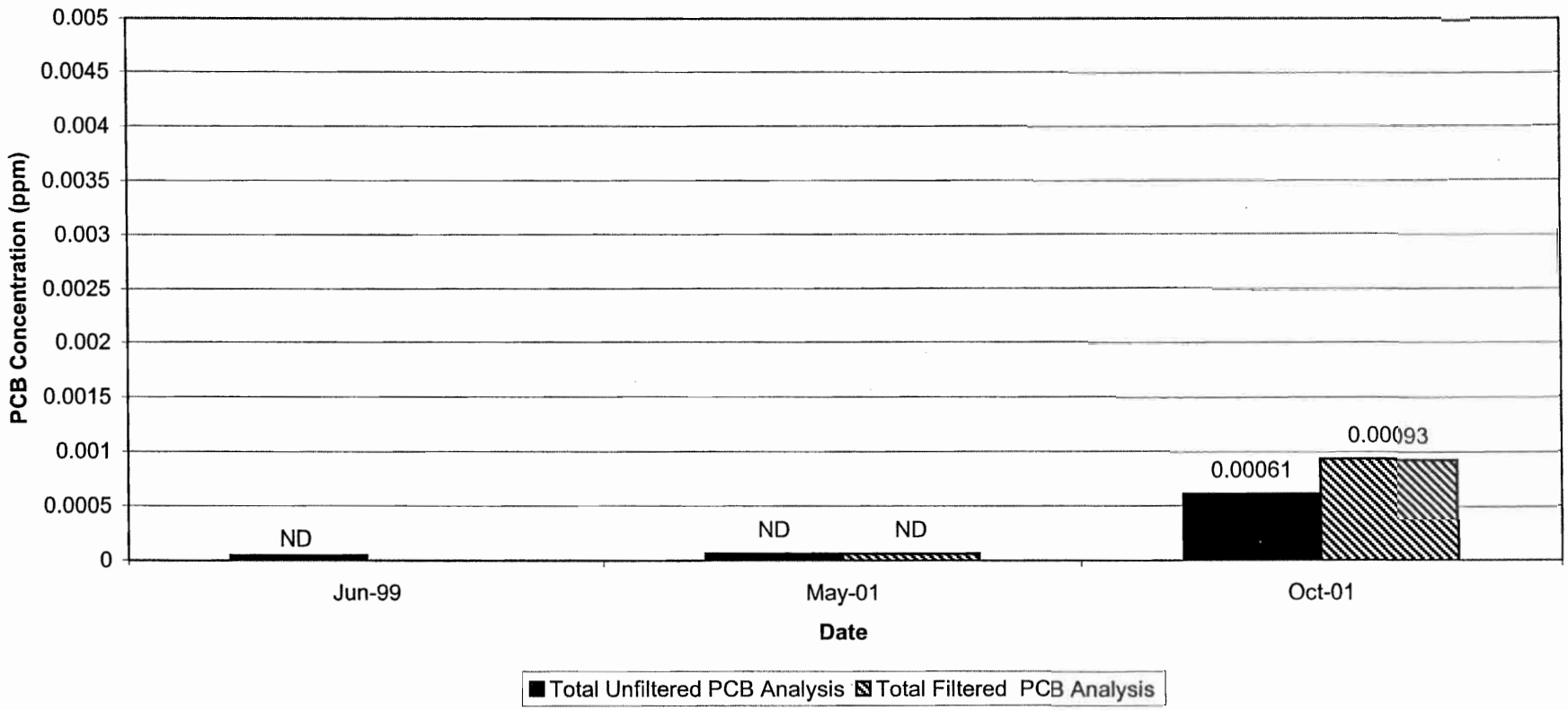


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-2 Historical Total PCB Concentrations

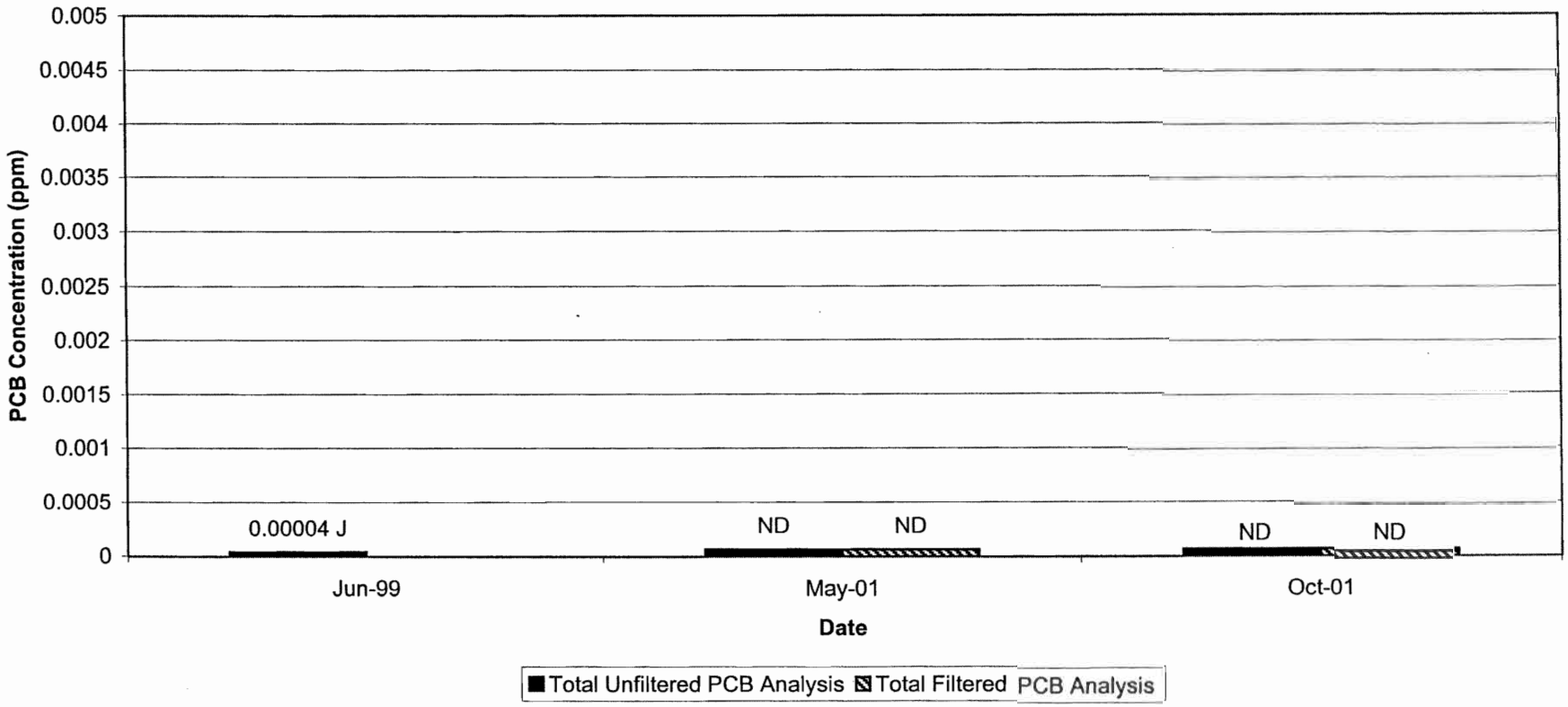


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-3 Historical Total PCB Concentrations

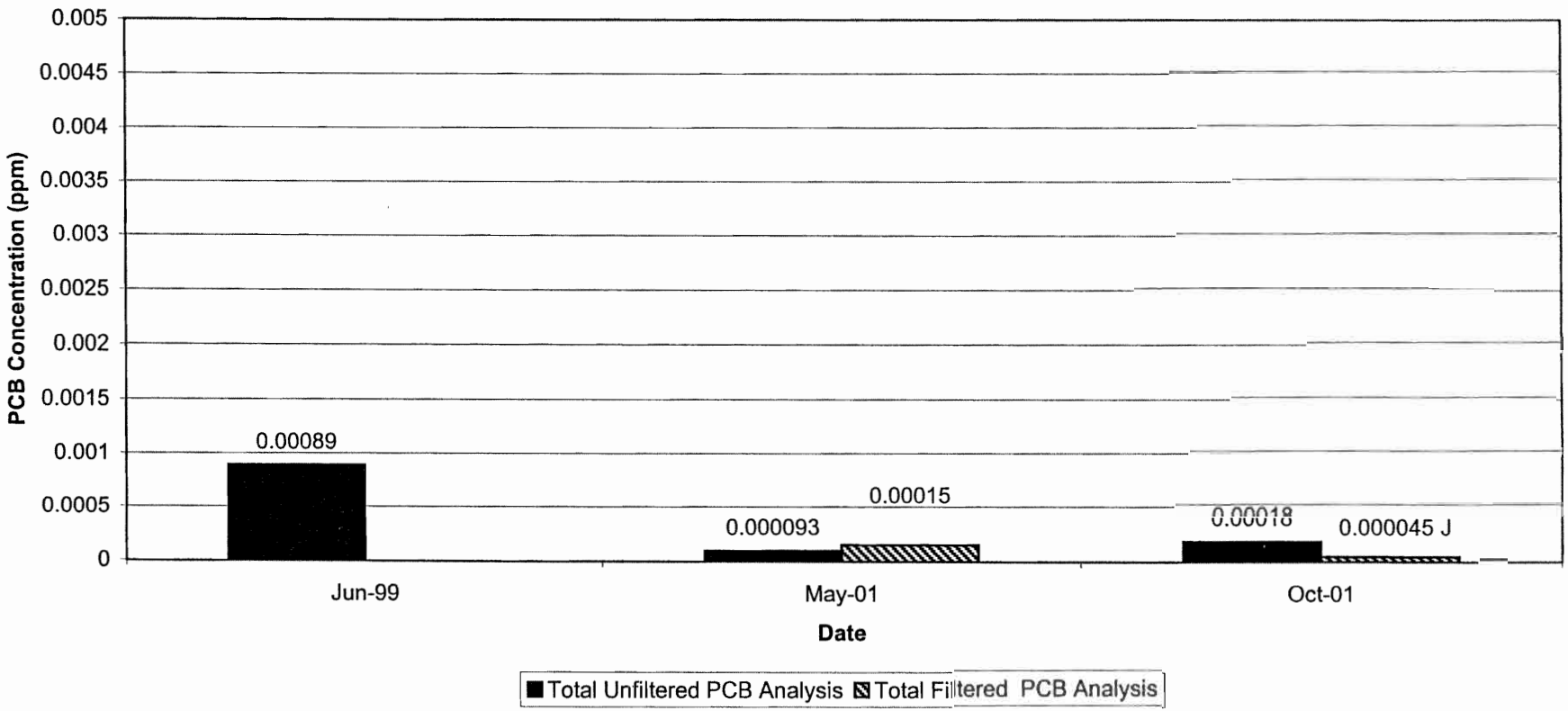


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-4 Historical Total PCB Concentrations

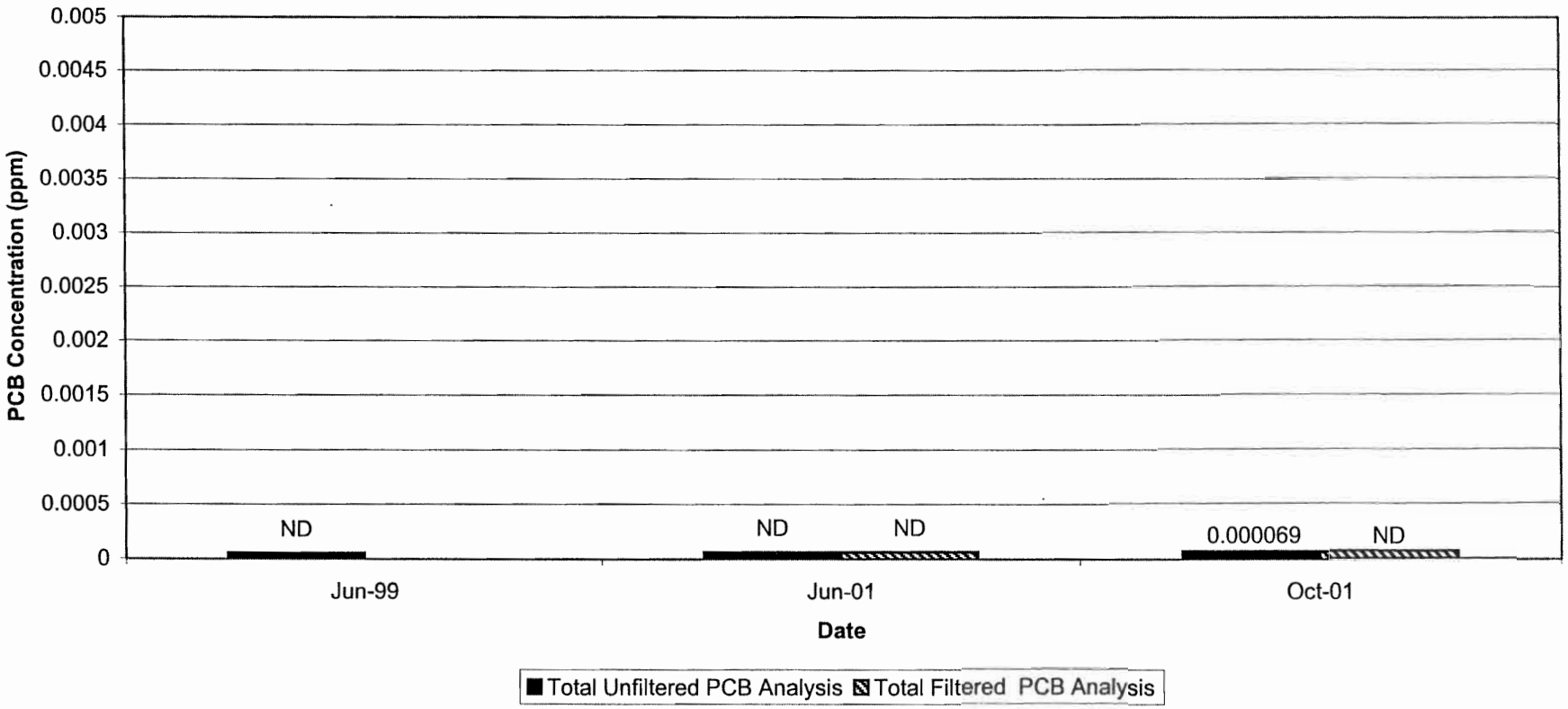


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-5R Historical Total PCB Concentrations

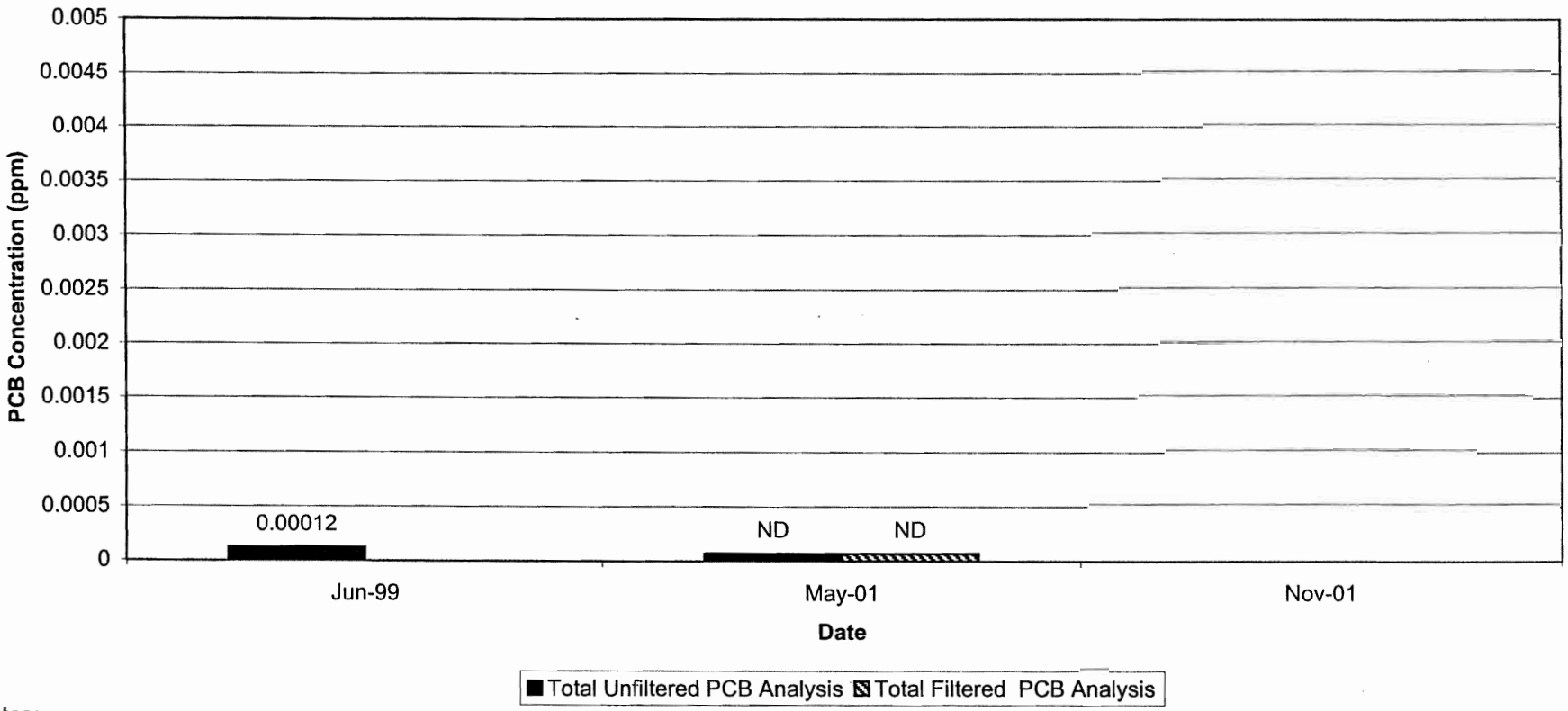


Notes:
1. ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
2. Well OPCA-MW-5 was replaced by well OPCA-MW-5R following the June 1999 sampling event.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-6 Historical Total PCB Concentrations

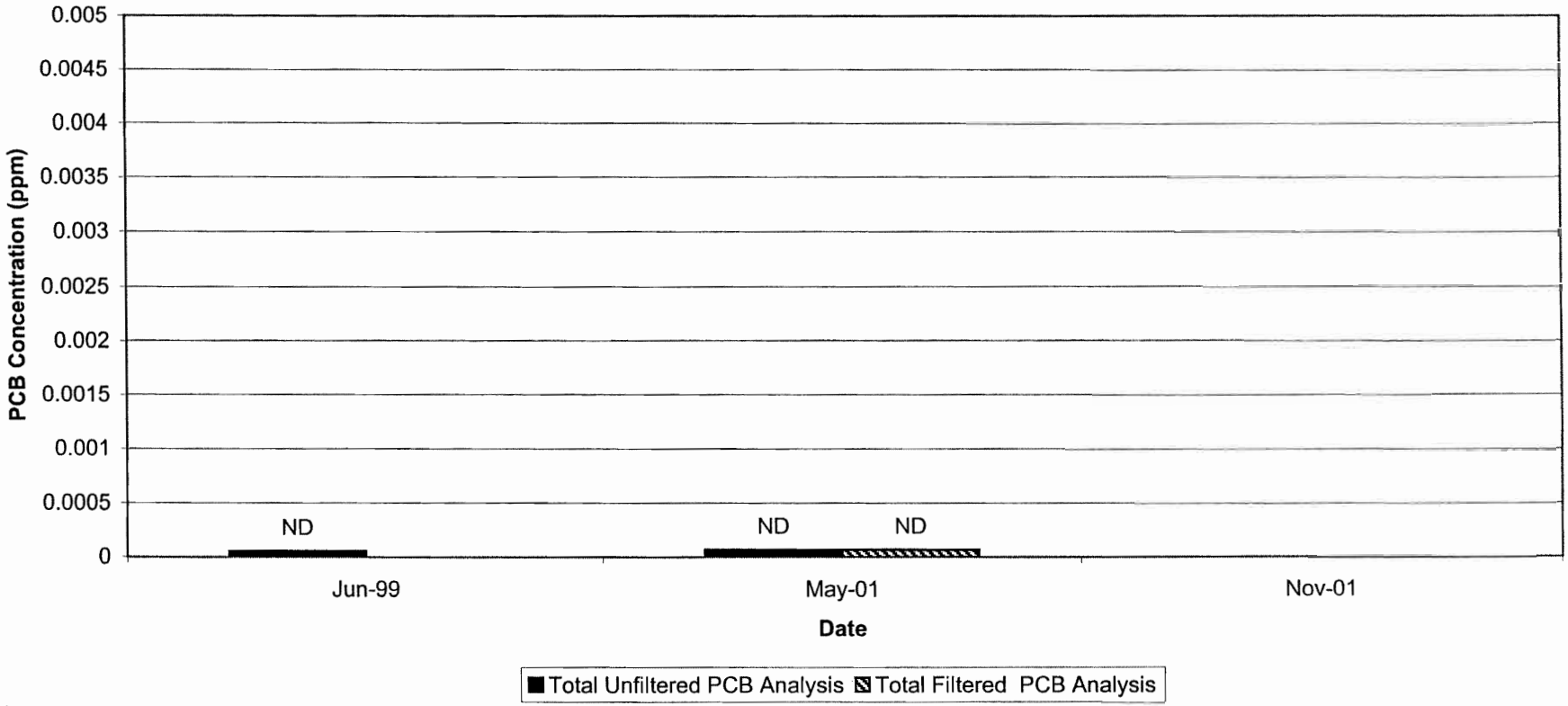


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.
Well was not sampled in fall 2001 (dry).

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-7 Historical Total PCB Concentrations

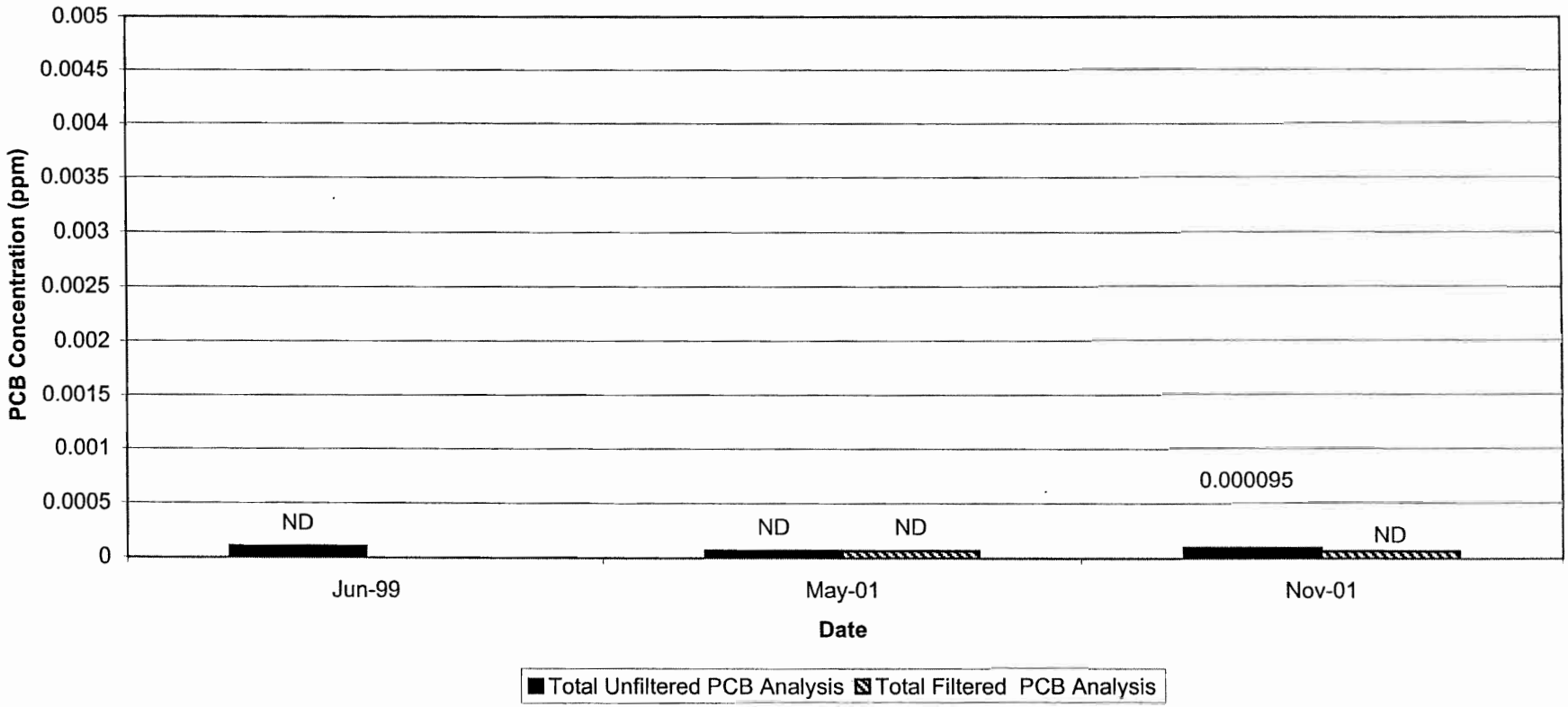


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.
Well was not sampled in fall 2001 (dry).

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well OPCA-MW-8 Historical Total PCB Concentrations

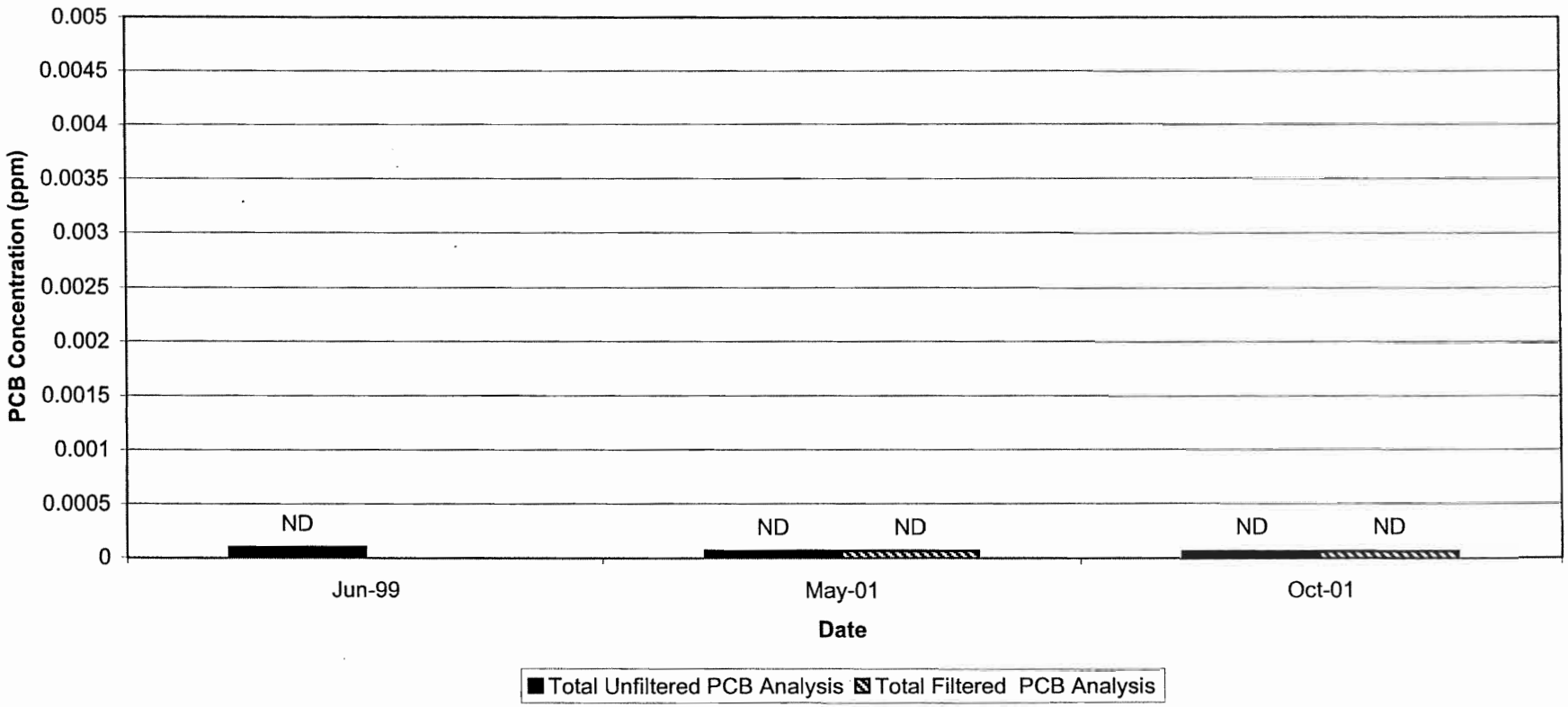


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well 78-1 Historical Total PCB Concentrations

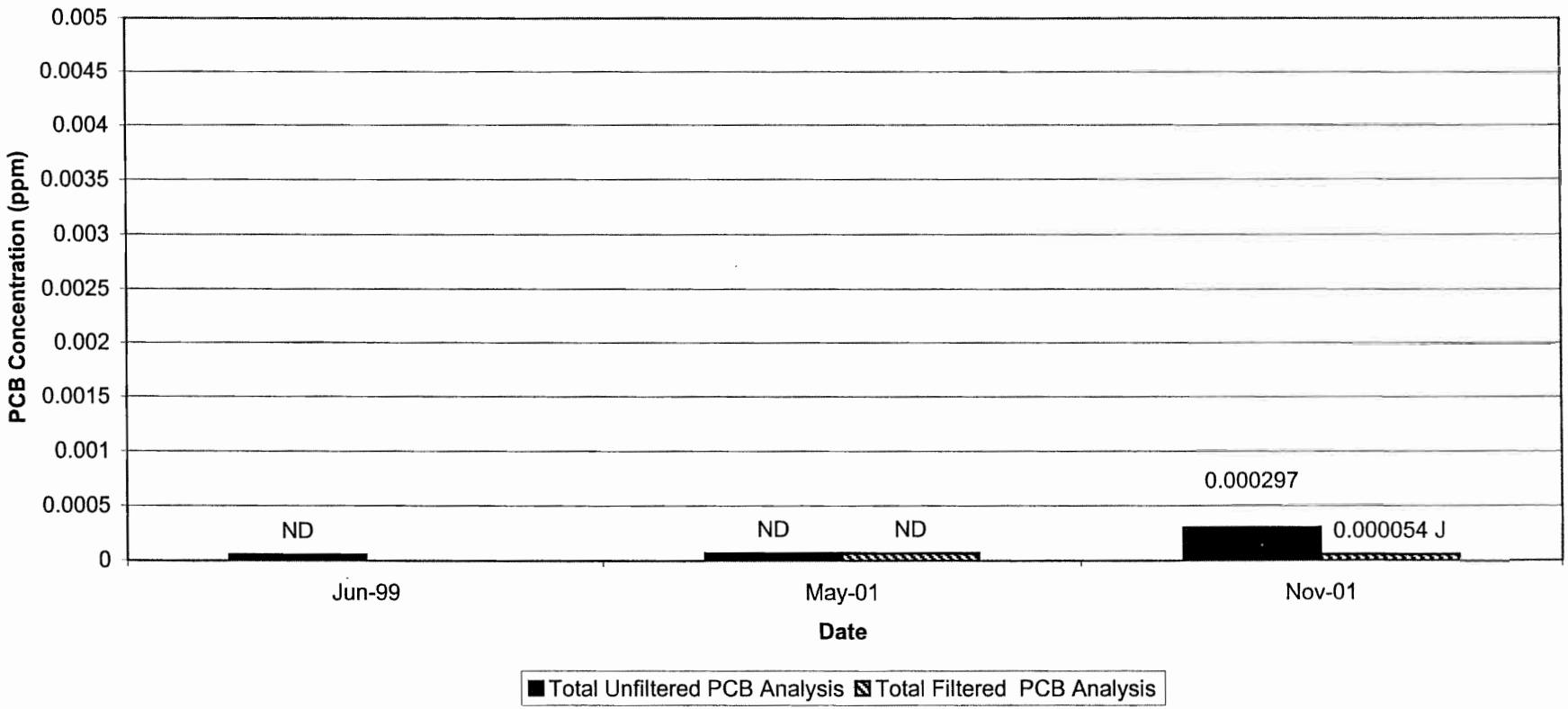


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well 78-6 Historical Total PCB Concentrations

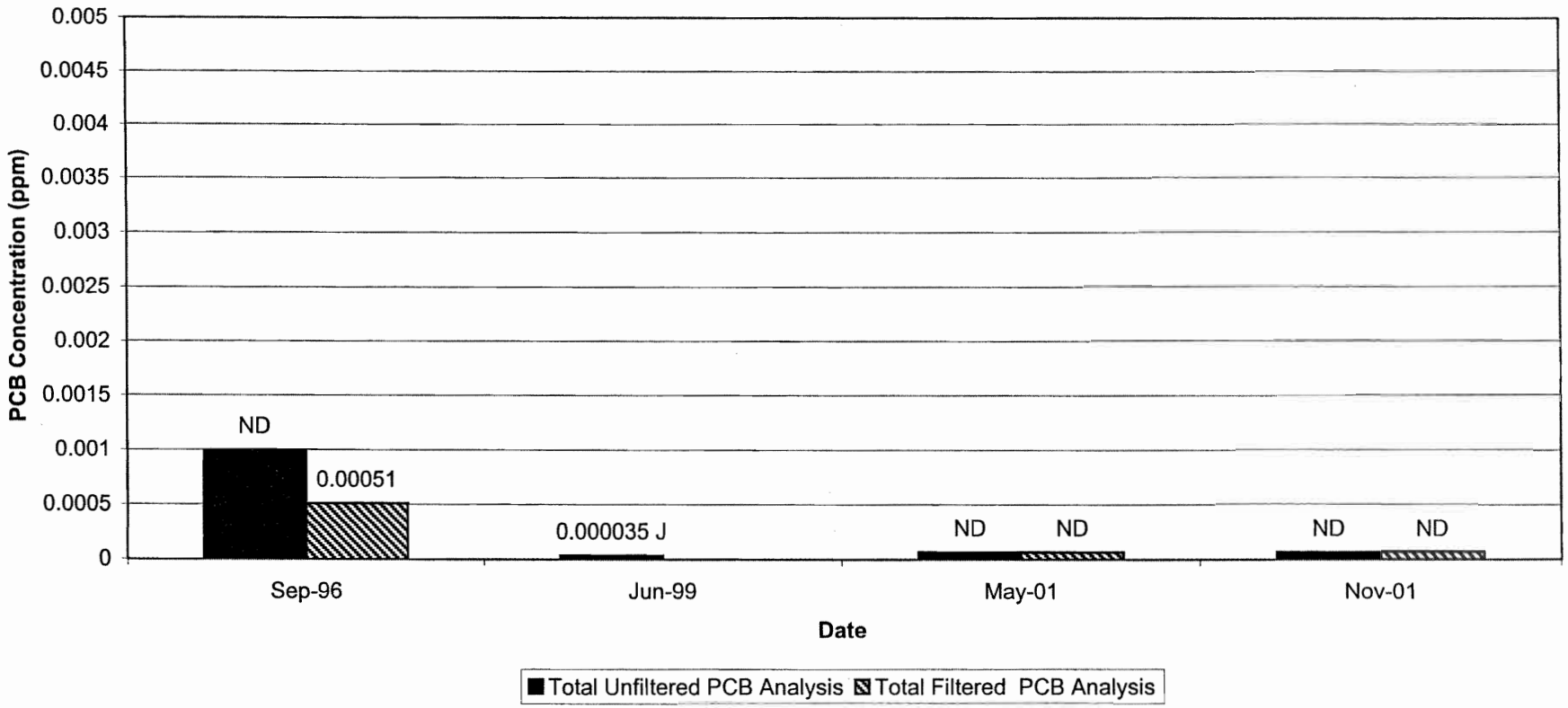


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well H78B-15 Historical Total PCB Concentrations

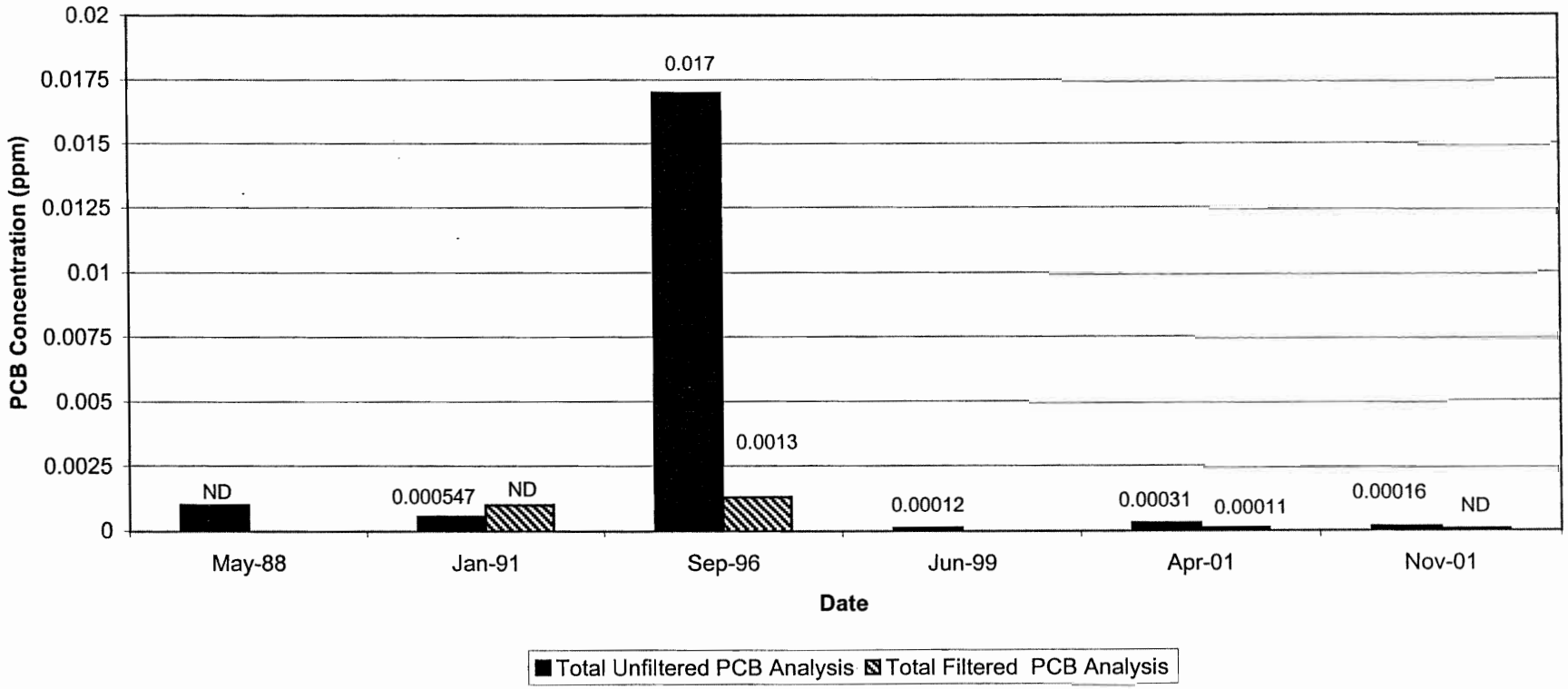


Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix D

General Electric Company
Pittsfield, Massachusetts
Hill 78 and Building 71 On-Plant Consolidation Areas

Well NY-4 Historical Total PCB Concentrations



Notes:
ND: PCBs were not detected in the sample. The analytical detection limit is illustrated.
MCP GW-3 Standard for PCBs (filtered samples): 0.0003 ppm.
MCP UCL for PCBs: 0.005 ppm.

Appendix E

Well H78B-8R LNAPL Monitoring and Recovery Data

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

TABLE E-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PLANT SITE 3 GROUNDWATER MANAGEMENT AREA

WELL H78B-8R MONITORING AND LNAPL RECOVERY RESULTS

DATE	DEPTH TO WATER (Feet BMP)	DEPTH TO LNAPL (Feet BMP)	LNAPL THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet AMSL)	LNAPL REMOVAL (Liters)	MONTHLY LNAPL REMOVAL (Liters)
5/27/99	N/A	N/A	0.50	N/A	1.300	1.300
06/01/99	28.52	28.44	0.08	996.64	0.000	1.935
06/03/99	28.66	28.49	0.17	996.59	0.400	
06/07/99	28.75	28.70	0.05	996.39	0.050	
06/15/99	29.12	29.09	0.03	996.00	0.070	
6/22/99	N/A	N/A	0.18	N/A	0.415	
06/29/99	30.03	29.60	0.42	995.45	1.000	
07/06/99	29.71	29.40	0.31	995.67	0.720	0.990
07/14/99	29.64	29.57	0.07	995.52	0.170	
07/27/99	29.97	29.95	0.02	995.14	0.010	
7/19/99-7/22/99	N/A	N/A	N/A	N/A	0.090	See Note 2
08/04/99	30.25	30.22	0.03	994.87	0.015	0.040
08/11/99	30.53	30.50	0.03	994.59	0.015	
08/18/99	30.54	30.53	0.01	994.56	0.005	
08/27/99	30.91	30.90	0.01	994.19	0.005	
09/03/99	30.65	0.00	0.00	994.44	0.000	0.005
09/09/99	30.96	30.95	0.01	994.14	0.000	
09/17/99	30.68	30.67	0.01	994.42	0.000	
09/20/99	30.54	30.53	0.01	994.56	0.000	
09/27/99	30.84	30.83	0.01	994.26	0.005	
10/05/99	29.51	29.50	0.01	995.59	0.005	0.020
10/11/99	29.31	29.30	0.01	995.79	0.005	
10/18/99	29.14	29.13	0.01	995.96	0.005	
10/25/99	28.84	28.83	0.01	996.26	0.005	
11/01/99	28.70	28.69	0.01	996.40	0.005	0.025
11/08/99	28.74	28.73	0.01	996.36	0.005	
11/15/99	29.84	29.83	0.01	995.26	0.005	
11/22/99	30.10	30.09	0.01	995.00	0.005	
11/29/99	29.86	29.84	0.02	995.25	0.005	
12/10/99	28.32	28.31	0.01	996.78	0.005	0.095
12/13/99	28.49	28.45	0.04	996.64	0.020	
12/20/99	29.47	29.46	0.01	995.63	0.005	
12/27/99	28.53	28.50	0.03	996.59	0.065	

TABLE E-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PLANT SITE 3 GROUNDWATER MANAGEMENT AREA

WELL H78B-8R MONITORING AND LNAPL RECOVERY RESULTS

DATE	DEPTH TO WATER (Feet BMP)	DEPTH TO LNAPL (Feet BMP)	LNAPL THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet AMSL)	LNAPL REMOVAL (Liters)	MONTHLY LNAPL REMOVAL (Liters)
01/03/00	28.78	28.77	0.01	996.32	0.005	0.123
01/12/00	28.92	28.87	0.05	996.22	0.100	
01/17/00	28.96	28.95	0.01	996.14	0.005	
01/24/00	29.10	29.08	0.02	996.01	0.008	
01/31/00	29.26	29.25	0.01	995.84	0.005	
02/07/00	29.83	29.58	0.25	995.49	0.100	1.155
02/15/00	30.08	29.86	0.22	995.21	0.550	
02/21/00	29.84	29.64	0.20	995.44	0.500	
02/28/00	29.32	29.31	0.01	995.78	0.005	
03/06/00	28.16	27.97	0.19	997.11	0.470	0.760
03/13/00	27.64	27.50	0.14	997.58	0.095	
03/20/00	27.22	27.07	0.15	998.01	0.095	
03/27/00	27.17	27.01	0.16	998.07	0.100	
04/03/00	27.28	27.27	0.01	997.82	0.005	0.090
04/10/00	27.27	27.26	0.01	997.83	0.005	
04/17/00	27.01	26.98	0.03	998.11	0.070	
04/24/00	26.90	26.87	0.03	998.22	0.010	
05/01/00	26.87	26.86	0.01	998.23	0.000	0.100
05/09/00	27.06	27.05	0.01	998.04	0.025	
05/16/00	27.19	27.18	0.01	997.91	0.025	
05/22/00	27.19	27.18	0.01	997.91	0.025	
05/31/00	26.85	26.84	0.01	998.25	0.025	
06/05/00	26.58	---	0.00	998.51	0.000	0.025
06/12/00	25.78	25.77	0.01	999.32	0.025	
06/19/00	26.15	---	0.00	998.94	0.000	
06/26/00	26.27	---	0.00	998.82	0.000	
07/03/00	25.57	---	0.00	999.52	0.000	0.055
07/10/00	25.88	25.87	0.01	999.22	0.005	
07/17/00	24.28	24.27	0.01	1000.82	0.025	
07/24/00	26.54	---	0.00	998.55	0.000	
07/31/00	26.74	26.73	0.01	998.36	0.025	

TABLE E-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PLANT SITE 3 GROUNDWATER MANAGEMENT AREA

WELL H78B-8R MONITORING AND LNAPL RECOVERY RESULTS

DATE	DEPTH TO WATER (Feet BMP)	DEPTH TO LNAPL (Feet BMP)	LNAPL THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet AMSL)	LNAPL REMOVAL (Liters)	MONTHLY LNAPL REMOVAL (Liters)
08/07/00	26.89	---	0.00	998.20	0.000	0.018
08/14/00	26.88	26.87	0.01	998.22	0.018	
08/21/00	25.76	---	0.00	999.33	0.000	
08/28/00	27.12	---	0.00	997.97	0.000	
09/05/00	27.26	---	0.00	997.83	0.000	0.000
09/11/00	27.39	---	0.00	997.70	0.000	
09/18/00	27.30	---	0.00	997.79	0.000	
09/25/00	27.43	---	0.00	997.66	0.000	
10/02/00	27.54	---	0.00	997.55	0.000	0.000
10/09/00	27.71	---	0.00	997.38	0.000	
10/16/00	27.72	---	0.00	997.37	0.000	
10/23/00	28.19	---	0.00	996.90	0.000	
10/30/00	28.41	---	0.00	996.68	0.000	
11/06/00	28.76	---	0.00	996.33	0.000	0.000
11/13/00	28.93	---	0.00	996.16	0.000	
11/20/00	28.94	---	0.00	996.15	0.000	
11/27/00	29.09	---	0.00	996.00	0.000	
12/04/00	30.30	30.29	0.01	994.80	0.005	0.590
12/11/00	29.55	29.54	0.01	995.55	0.000	
12/18/00	29.73	29.62	0.11	995.46	0.270	
12/26/00	29.21	28.70	0.51	996.35	0.315	
01/02/01	29.02	28.80	0.22	996.27	0.140	1.735
01/08/01	29.08	28.90	0.18	996.18	0.440	
01/15/01	29.35	29.21	0.14	995.87	0.340	
01/22/01	29.80	29.59	0.21	995.49	0.520	
01/29/01	29.91	29.79	0.12	995.29	0.295	
02/05/01	30.02	29.86	0.16	995.22	0.395	0.910
02/12/01	29.84	29.83	0.01	995.26	0.025	
02/19/01	29.59	29.50	0.09	995.58	0.220	
02/26/01	29.45	29.34	0.11	995.74	0.270	

TABLE E-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PLANT SITE 3 GROUNDWATER MANAGEMENT AREA

WELL H78B-8R MONITORING AND LNAPL RECOVERY RESULTS

DATE	DEPTH TO WATER (Feet BMP)	DEPTH TO LNAPL (Feet BMP)	LNAPL THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet AMSL)	LNAPL REMOVAL (Liters)	MONTHLY LNAPL REMOVAL (Liters)
03/05/01	29.22	29.21	0.01	995.88	0.025	0.125
03/12/01	29.47	29.46	0.01	995.63	0.025	
03/19/01	29.35	29.33	0.02	995.76	0.050	
03/26/01	28.26	28.25	0.01	996.84	0.025	
04/02/01	27.50	---	0.00	997.59	0.000	0.030
04/09/01	26.45	26.44	0.01	998.65	0.005	
04/16/01	26.34	---	0.00	998.75	0.000	
04/23/01	25.52	25.51	0.01	999.58	0.025	
04/30/01	25.74	---	0.00	999.35	0.000	
5/7/01	26.26	26.25	0.01	998.84	0.025	0.050
5/14/01	26.71	26.70	0.01	998.39	0.025	
5/21/01	27.19	---	0.00	997.90	0.000	
5/28/01	27.41	---	0.00	997.68	0.000	
6/4/01	27.45	---	0.00	997.64	0.000	0.000
6/11/01	27.12	---	0.00	997.97	0.000	
6/18/01	27.28	---	0.00	997.81	0.000	
6/25/01	27.46	---	0.00	997.63	0.000	
7/2/01	27.73	---	0.00	997.36	0.000	0.000
7/9/01	27.85	---	0.00	997.24	0.000	
7/16/01	28.03	---	0.00	997.06	0.000	
7/23/01	28.25	---	0.00	996.84	0.000	
7/30/01	28.62	---	0.00	996.47	0.000	
8/6/01	28.91	---	0.00	996.18	0.000	0.000
8/13/01	29.16	---	0.00	995.93	0.000	
8/20/01	29.51	---	0.00	995.58	0.000	
8/27/01	29.84	---	0.00	995.25	0.000	
9/4/01	30.18	---	0.00	994.91	0.000	0.000
9/10/01	30.35	---	0.00	994.74	0.000	
9/17/01	30.51	---	0.00	994.58	0.000	
9/24/01	30.60	---	0.00	994.49	0.000	

TABLE E-1

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

PLANT SITE 3 GROUNDWATER MANAGEMENT AREA

WELL H78B-8R MONITORING AND LNAPL RECOVERY RESULTS

DATE	DEPTH TO WATER (Feet BMP)	DEPTH TO LNAPL (Feet BMP)	LNAPL THICKNESS (Feet)	GROUNDWATER ELEVATION (Feet AMSL)	LNAPL REMOVAL (Liters)	MONTHLY LNAPL REMOVAL (Liters)
10/1/01	30.55	---	0.00	994.54	0.000	0.000
10/8/01	30.61	---	0.00	994.48	0.000	
10/15/01	30.63	---	0.00	994.46	0.000	
10/22/01	30.64	---	0.00	994.45	0.000	
10/29/01	30.65	---	0.00	994.44	0.000	
11/5/01	30.66	---	0.00	994.43	0.000	0.000
11/13/01	30.71	---	0.00	994.38	0.000	
11/19/01	30.77	---	0.00	994.32	0.000	
11/26/01	30.81	---	0.00	994.28	0.000	
12/3/01	30.87	---	0.00	994.22	0.000	0.000
12/10/01	30.89	---	0.00	994.20	0.000	
12/17/01	30.87	---	0.00	994.22	0.000	
12/31/01	30.88	---	0.00	994.21	0.000	
1/7/02	30.89	---	0.00	994.20	0.000	0.000
1/14/02	30.89	---	0.00	994.20	0.000	
1/21/02	30.87	---	0.00	994.22	0.000	
1/28/02	30.87	---	0.00	994.22	0.000	

Total LNAPL Removal for Well H78B-8R:

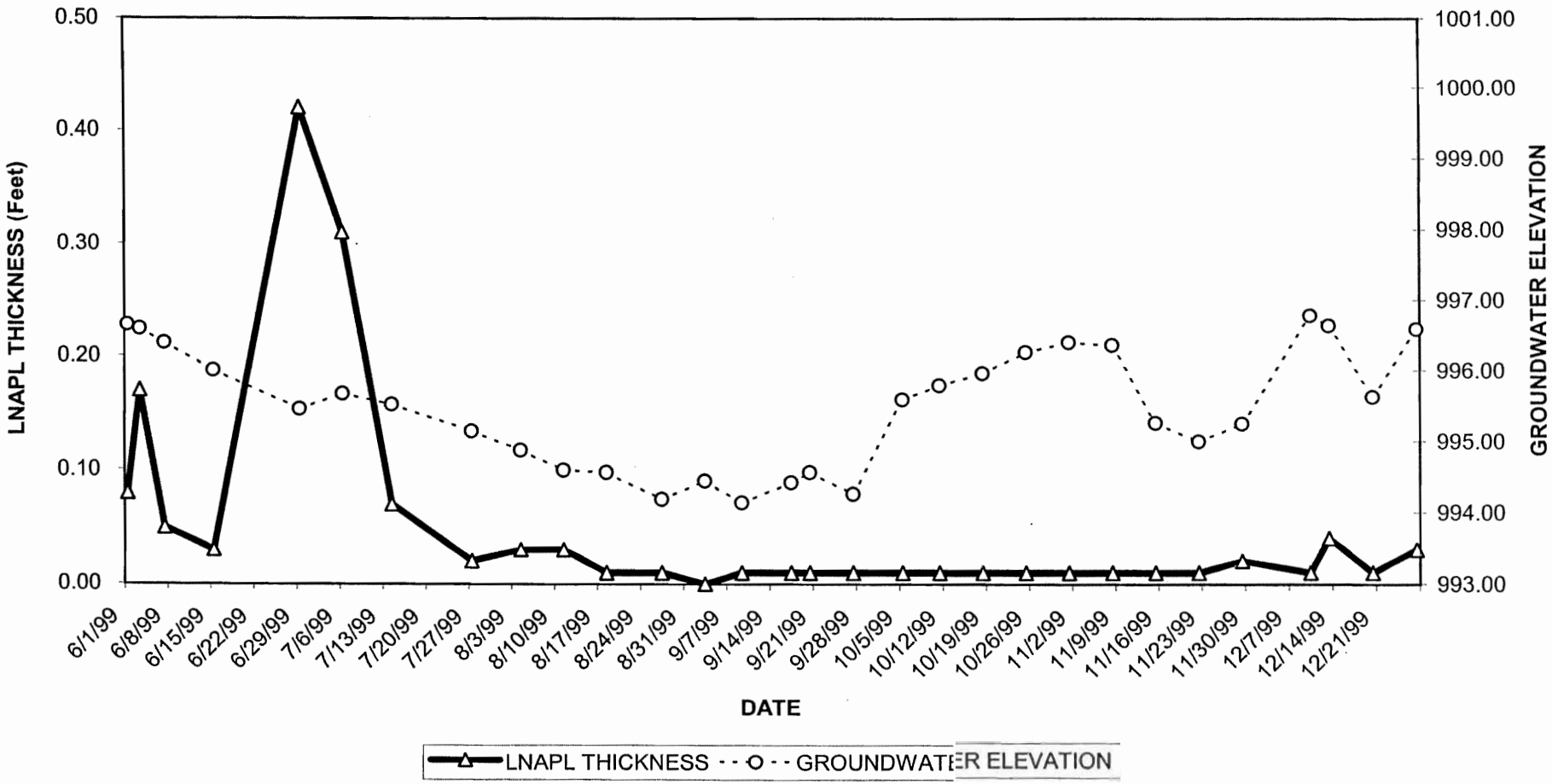
Liters: 10.18

Gallons: 2.69

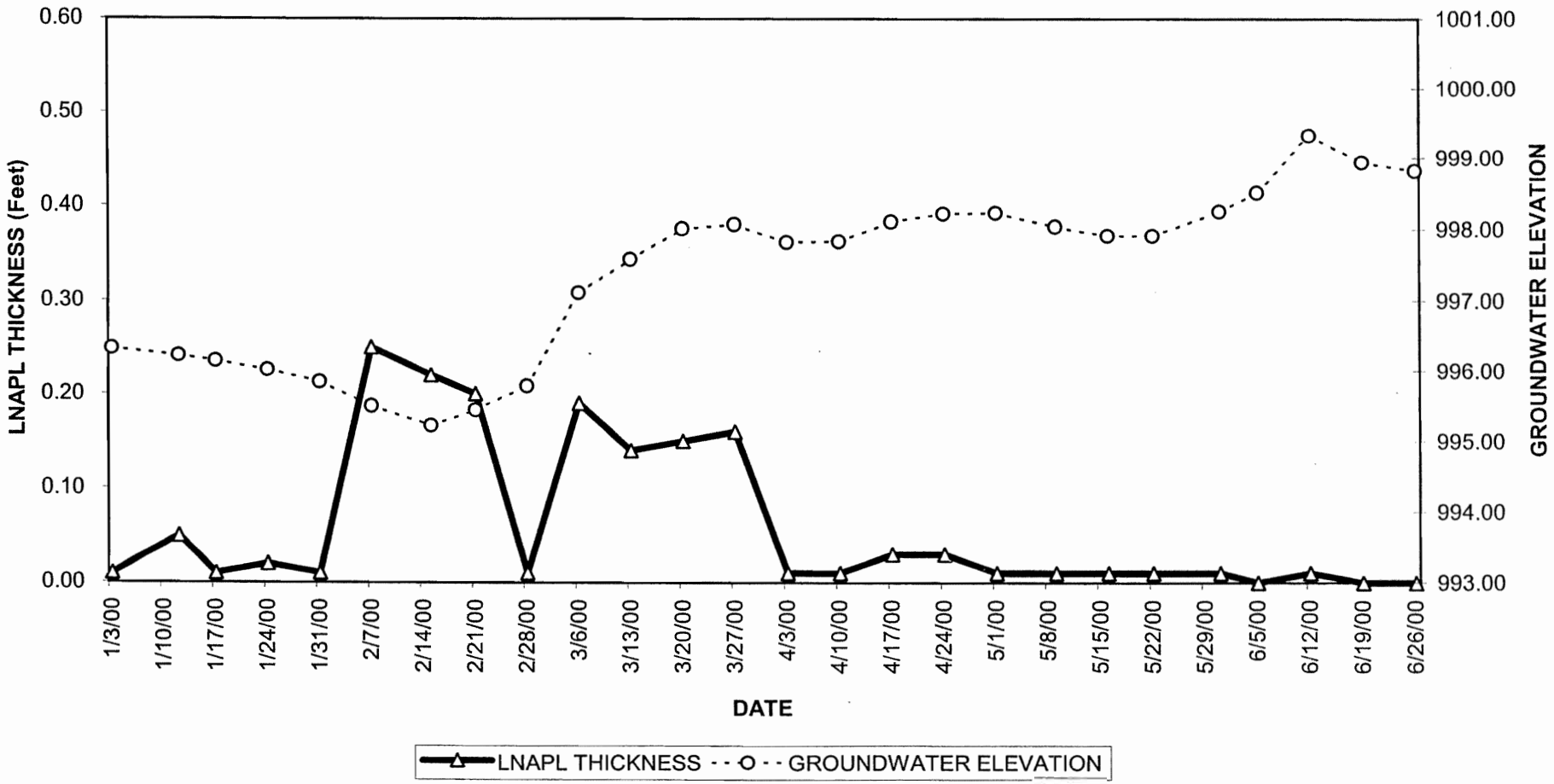
NOTES:

1. LNAPL: Light Non-Aqueous Phase Liquid
2. Feet BMP: Feet Below Measuring Point of well H78B-8R, surveyed at an elevation of 1,025.09 feet Above Mean Sea Level (AMSL).
3. An LNAPL recovery test was performed from July 19 to 21, 1999.
   A total of 0.09 liter of LNAPL was removed during this recovery test.
4. N/A: Information not available.
5. ---: No LNAPL was observed.

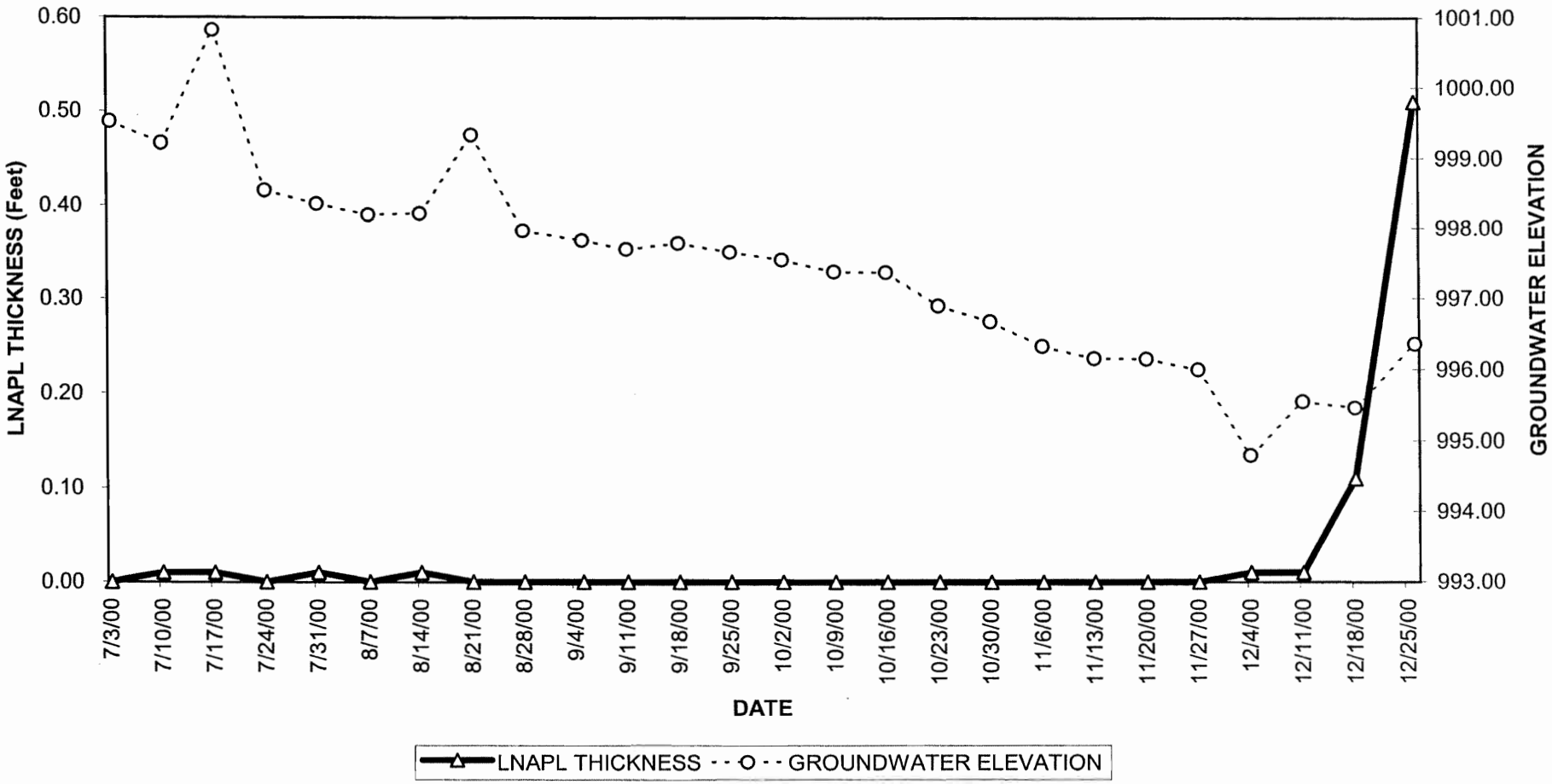
GRAPH E-1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
LNAPL MONITORING DATA: MAY 27, 1999 - DECEMBER 27, 1999
WELL H78B-8R



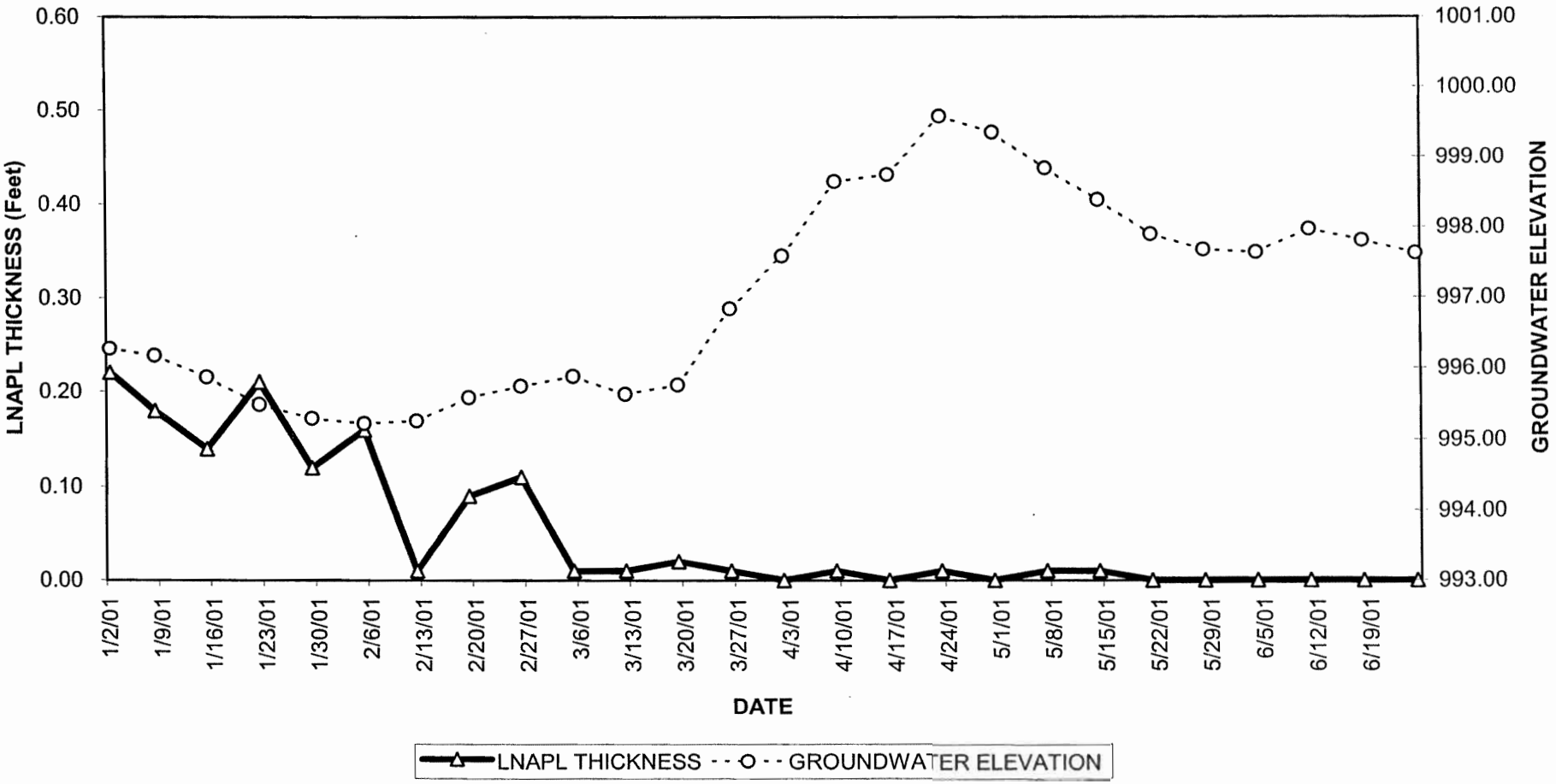
GRAPH E-1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
LNAPL MONITORING DATA: JANUARY 3, 2000 - JUNE 26, 2000
WELL H78B-8R



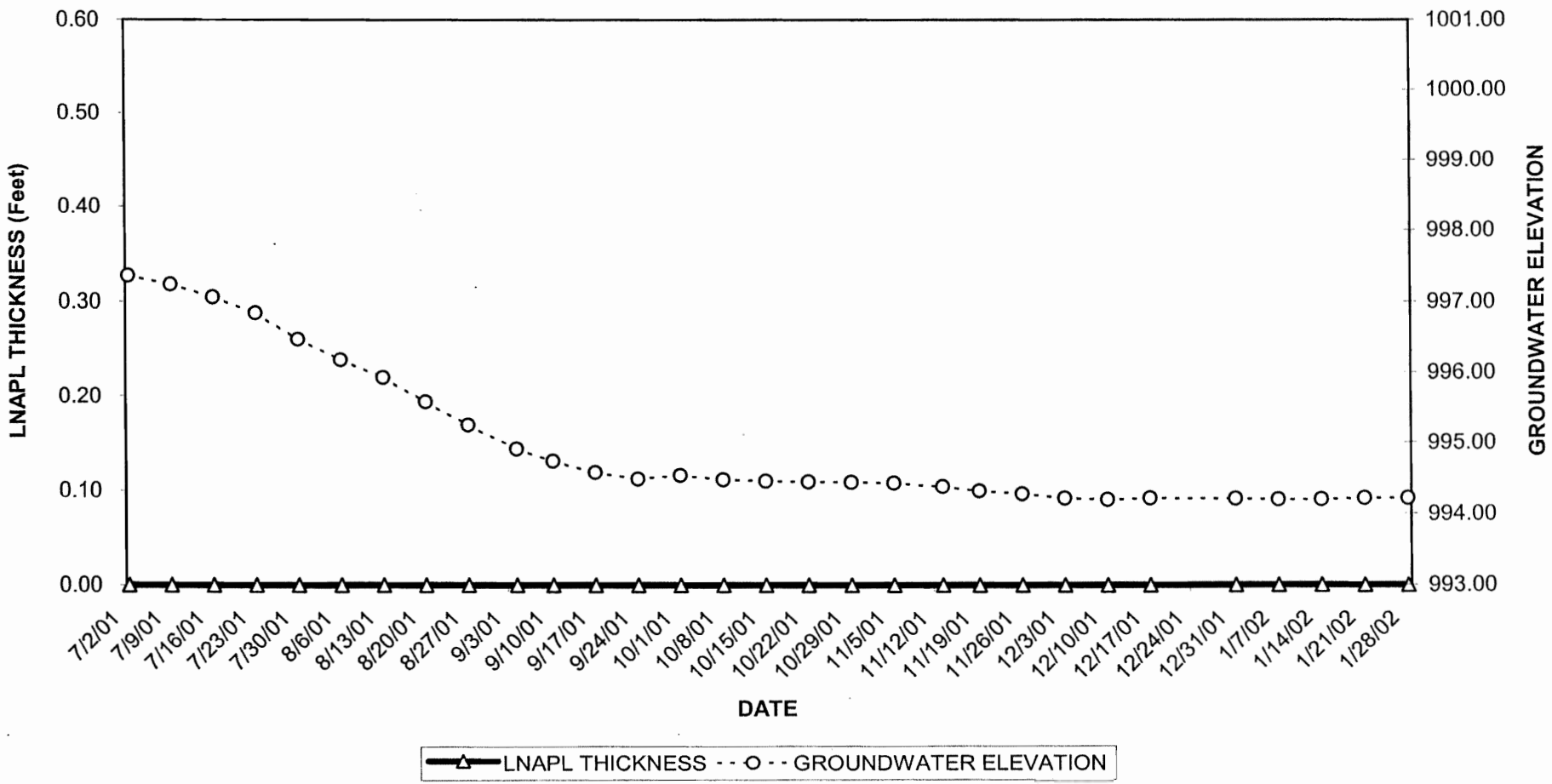
GRAPH E-1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
LNAPL MONITORING DATA: JULY 3, 2000 - DECEMBER 26, 2000
WELL H78B-8R



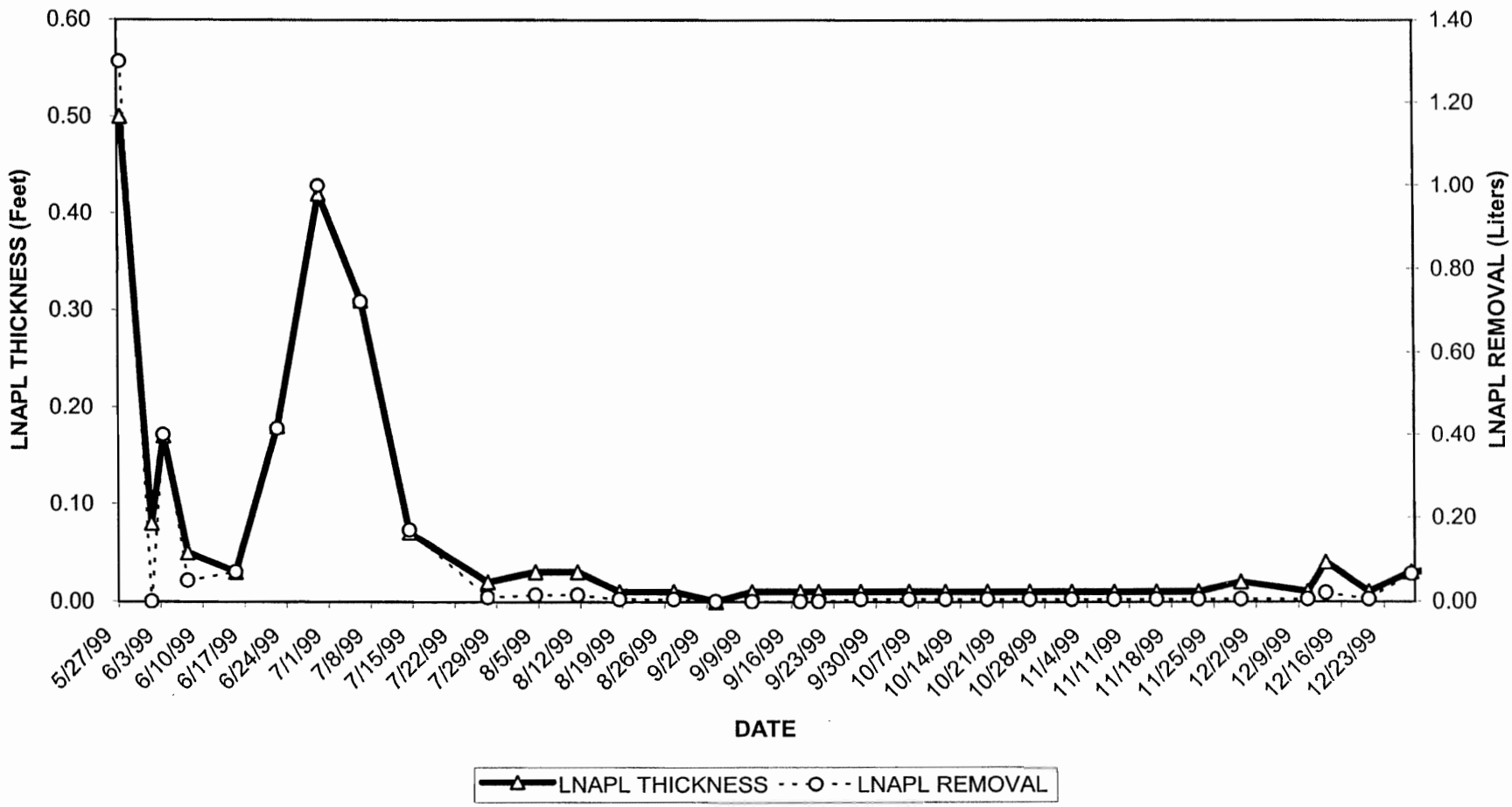
GRAPH E-1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
LNAPL MONITORING DATA: JANUARY 2, 2001 - JUNE 25, 2001
WELL H78B-8R



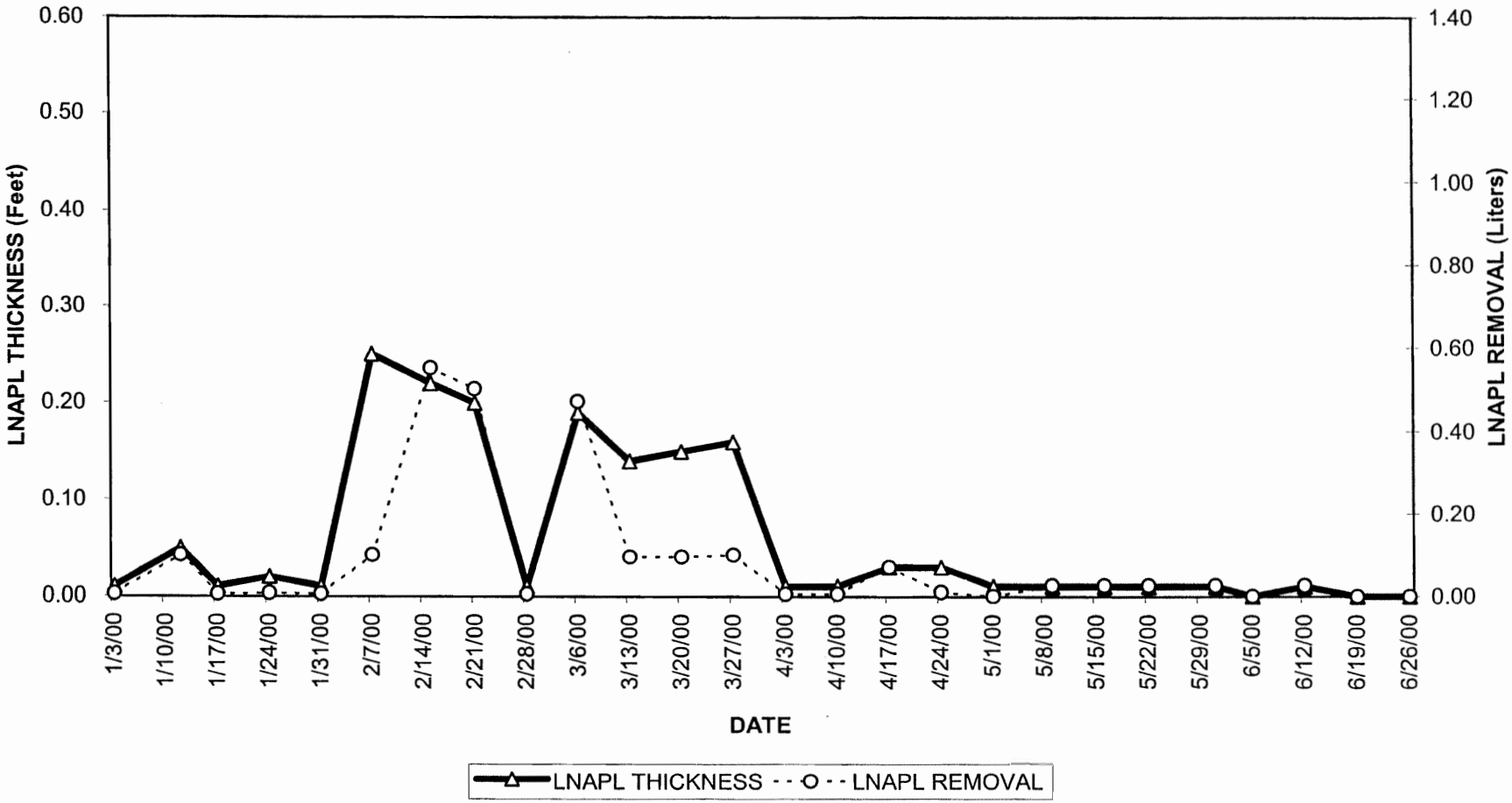
GRAPH E-1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
LNAPL MONITORING DATA: JULY 2, 2001 - JANUARY 28, 2002
WELL H78B-8R



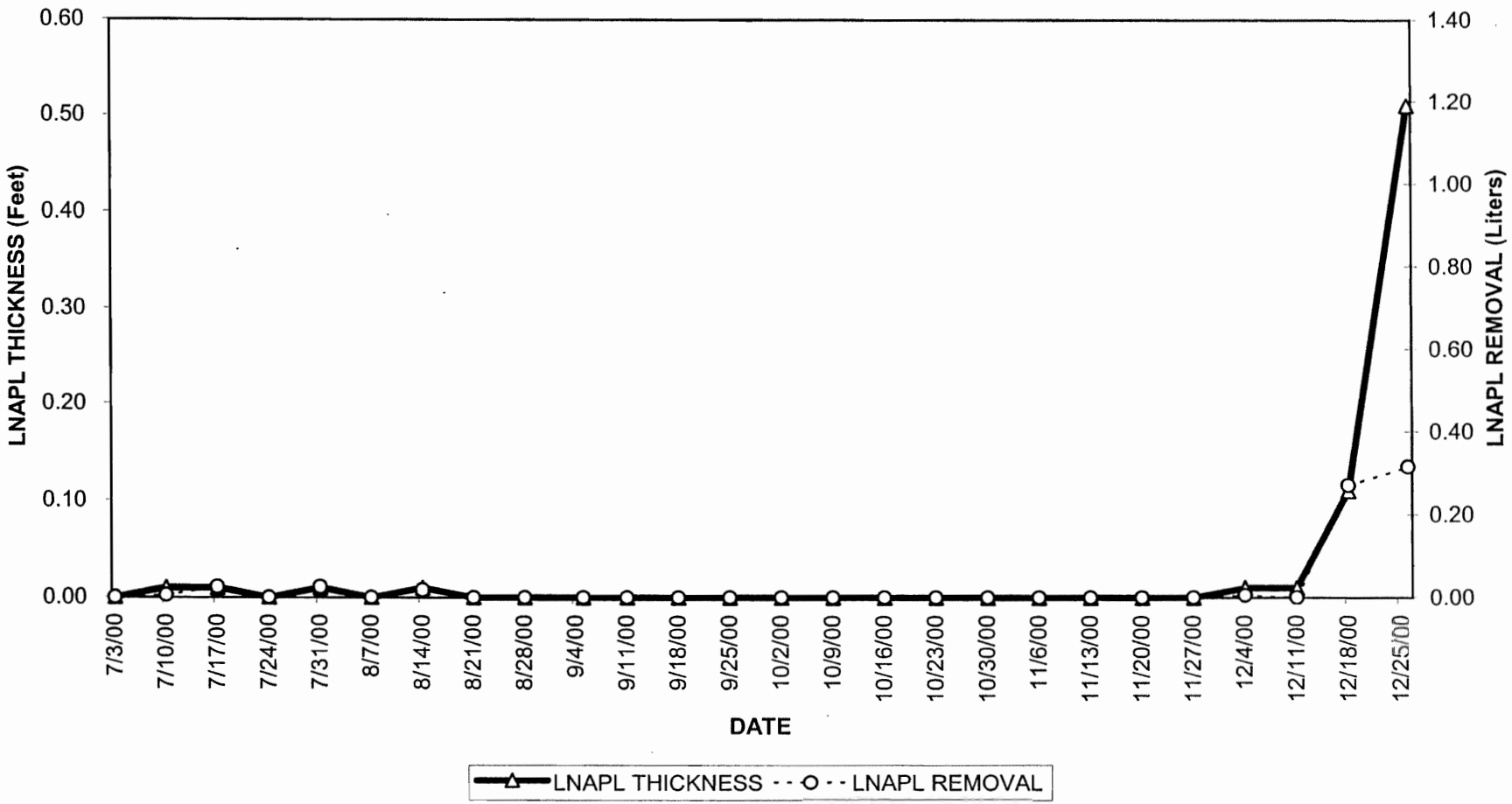
GRAPH E-2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: MAY 27, 1999 - DECEMBER 27, 1999
WELL H78B-8R



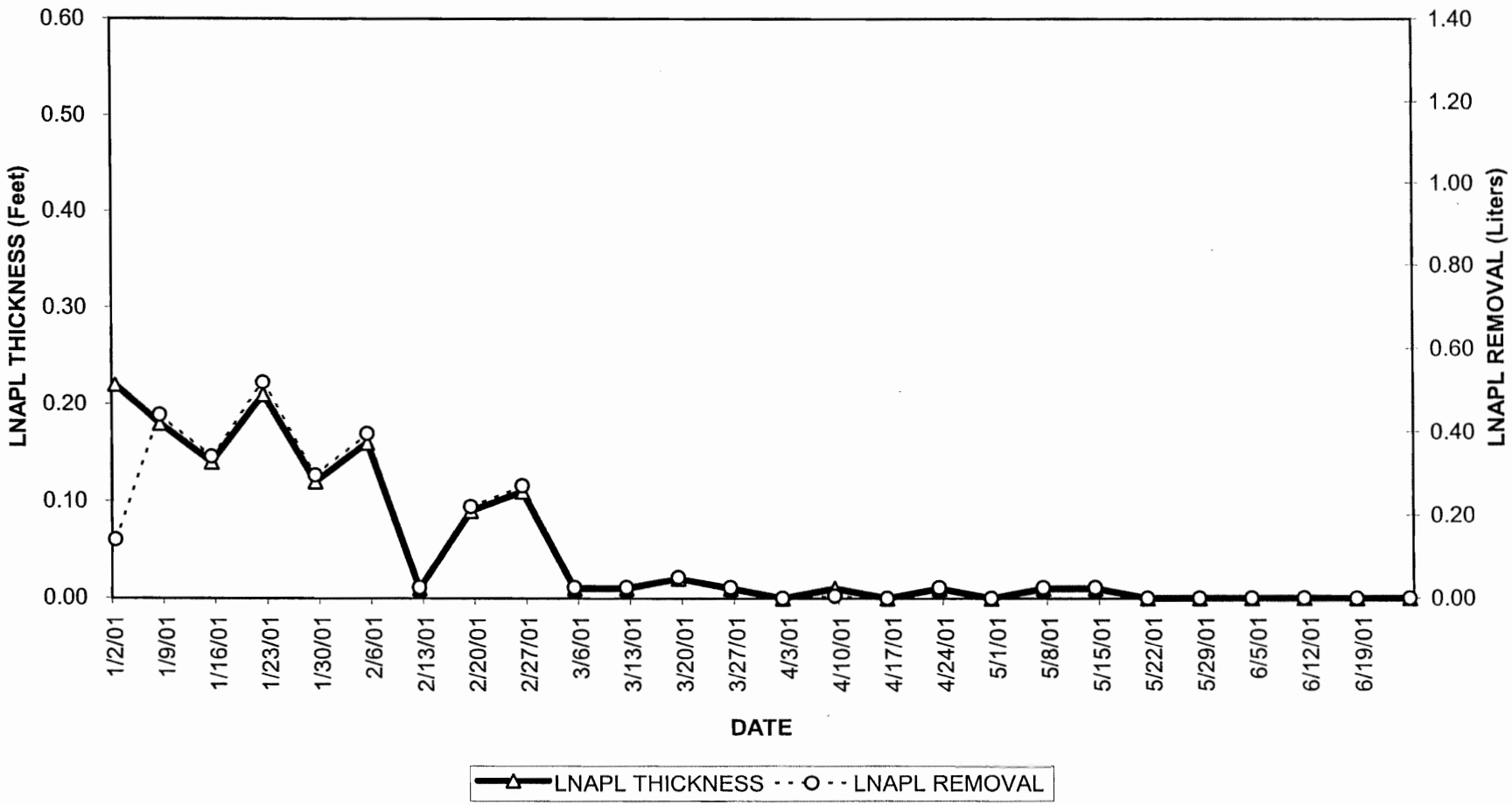
GRAPH E-2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JANUARY 3, 2000 - JUNE 26, 2000
WELL H78B-8R



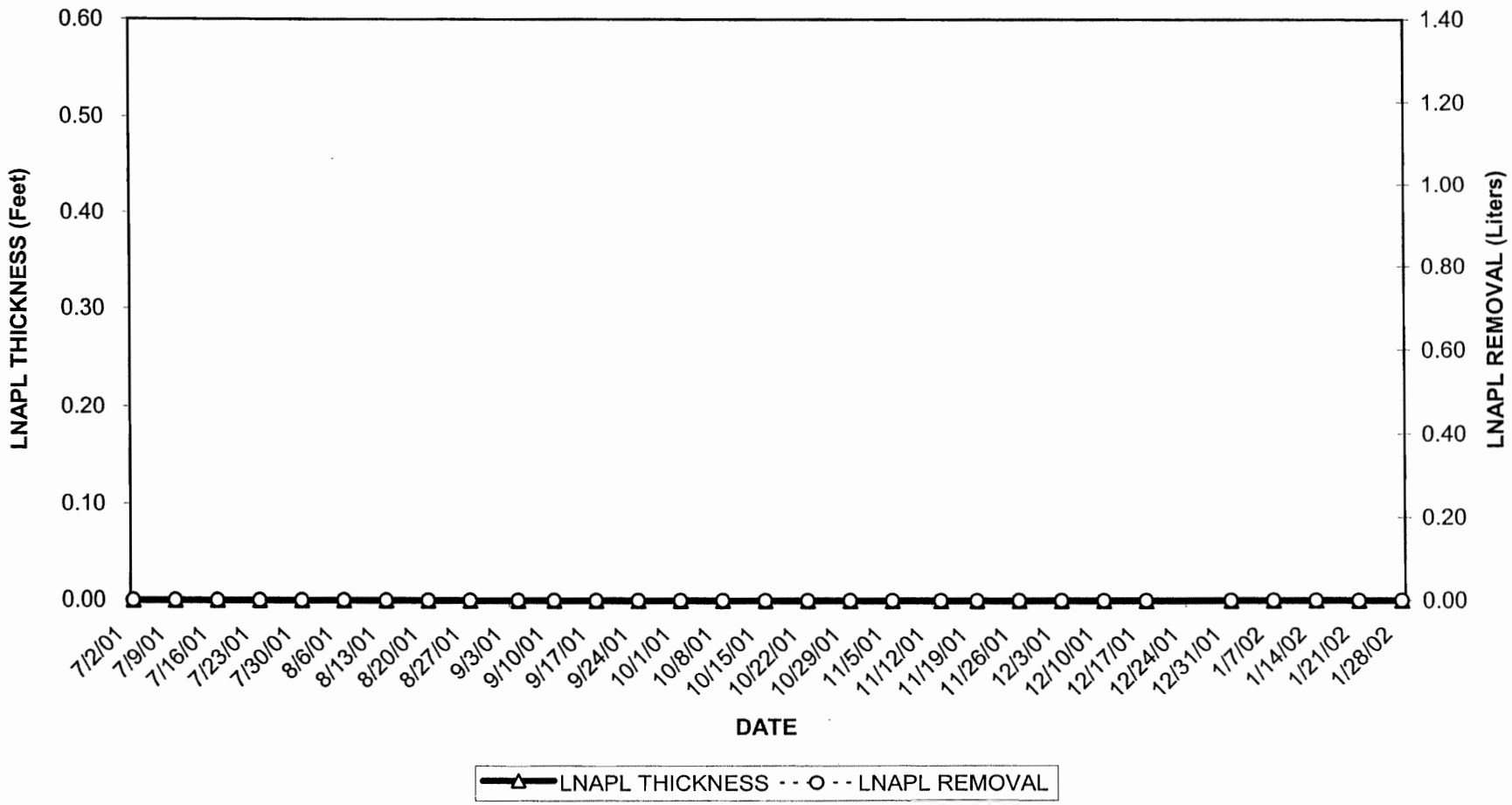
GRAPH E-2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JULY 3, 2000 - DECEMBER 26, 2000
WELL H78B-8R



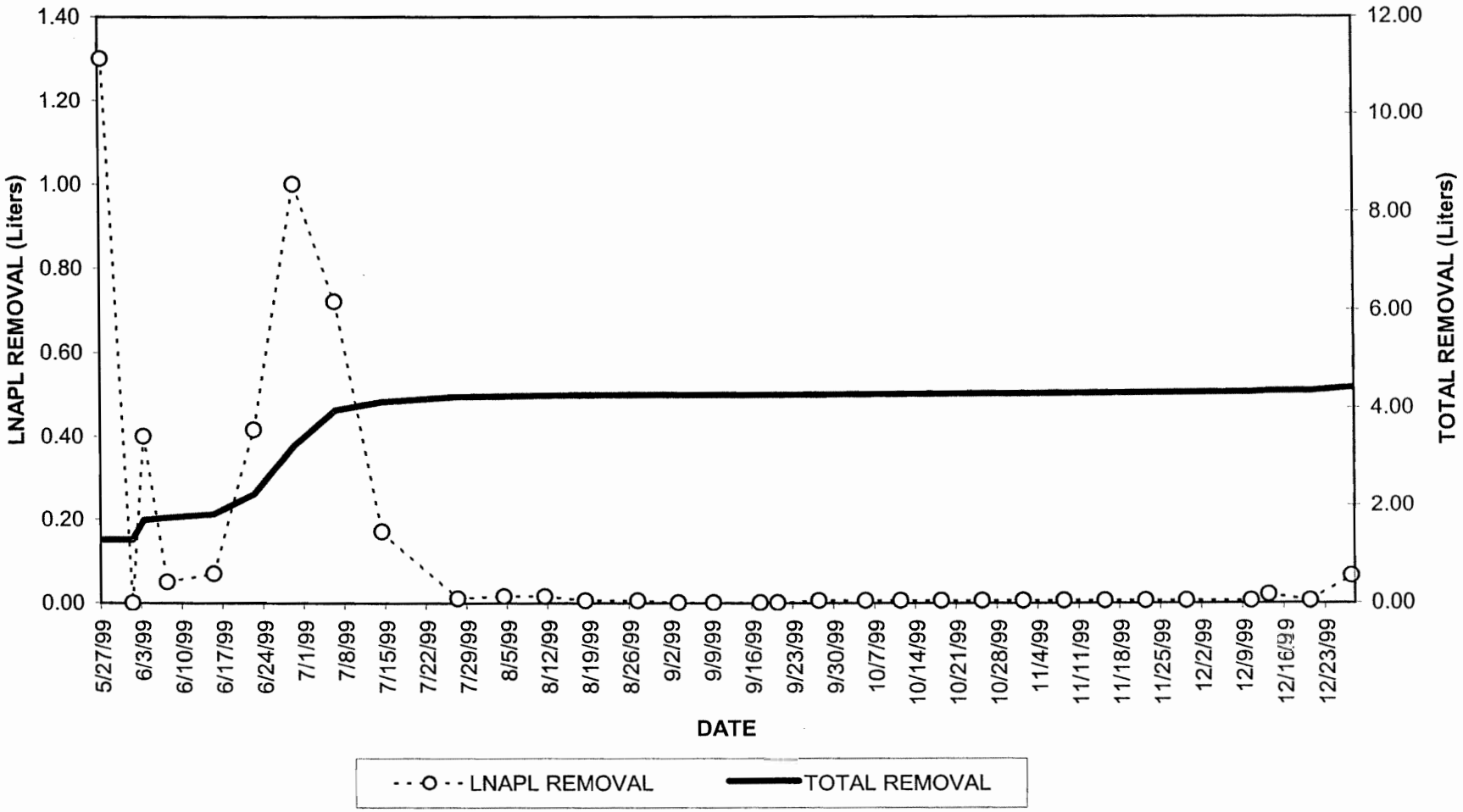
GRAPH E-2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JANUARY 2, 2001 - JUNE 25, 2001
WELL H78B-8R



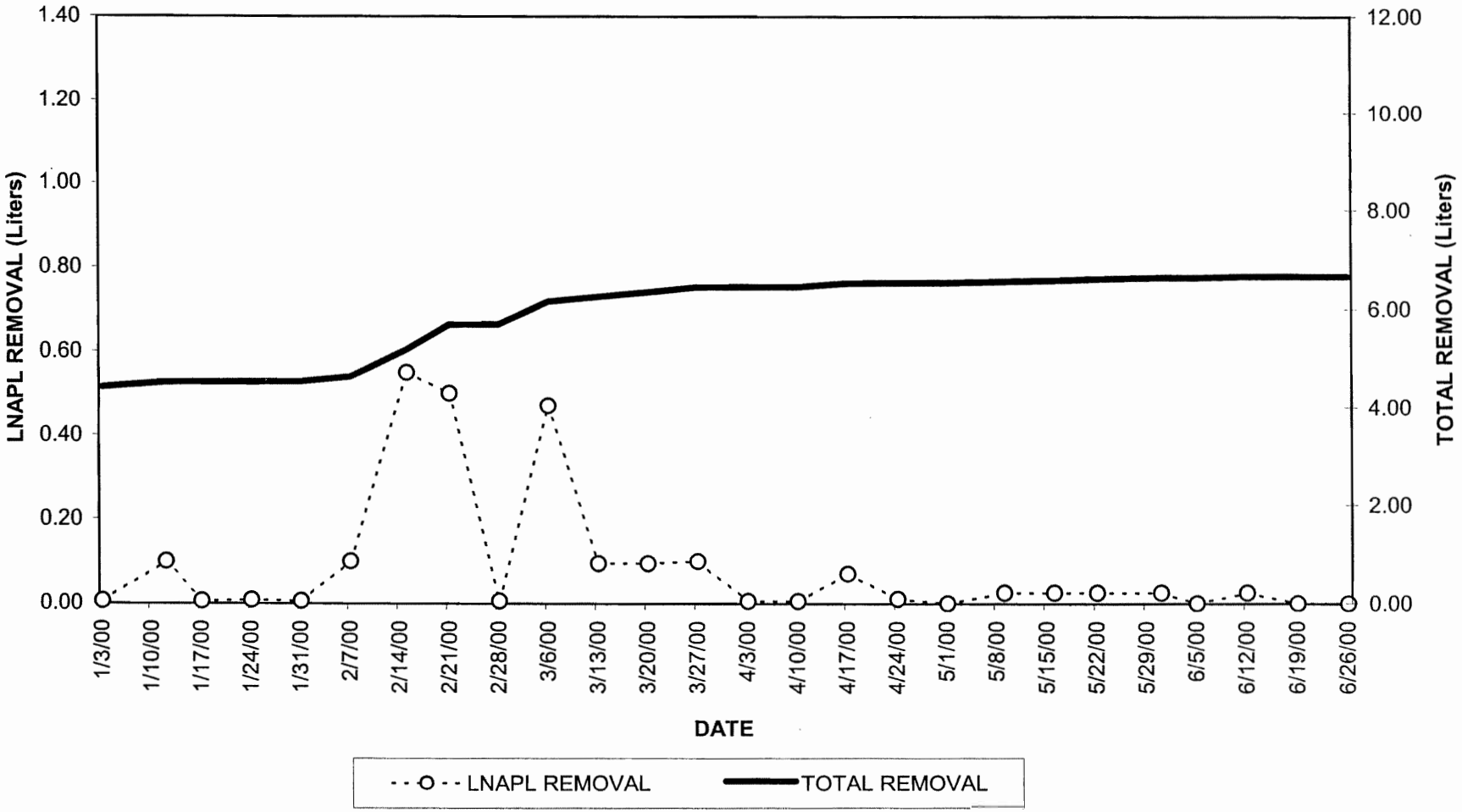
GRAPH E-2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JULY 2, 2001 - JANUARY 28, 2002
WELL H78B-8R



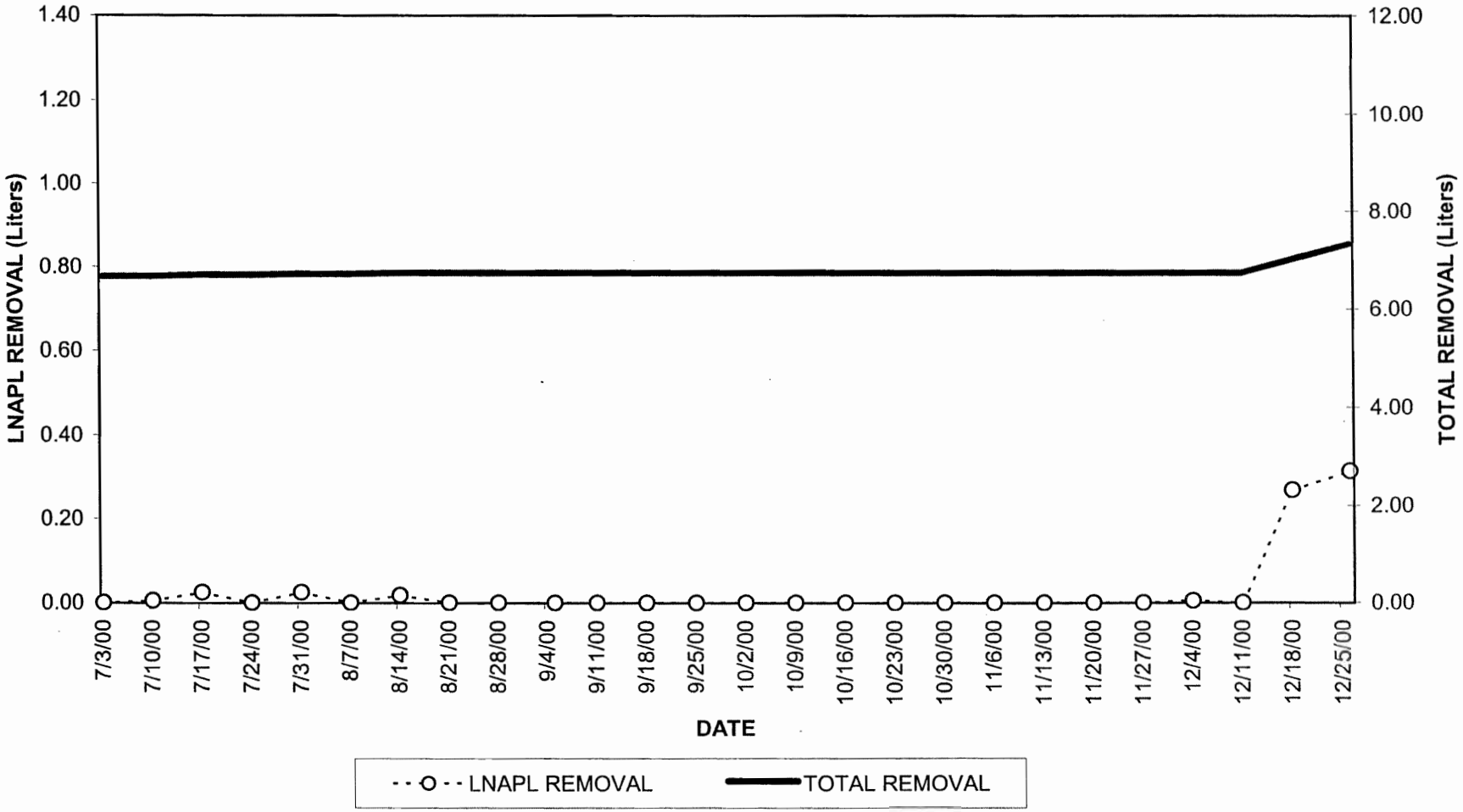
GRAPH E-3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: MAY 27, 1999 TO DECEMBER 27, 1999
WELL H78B-8R



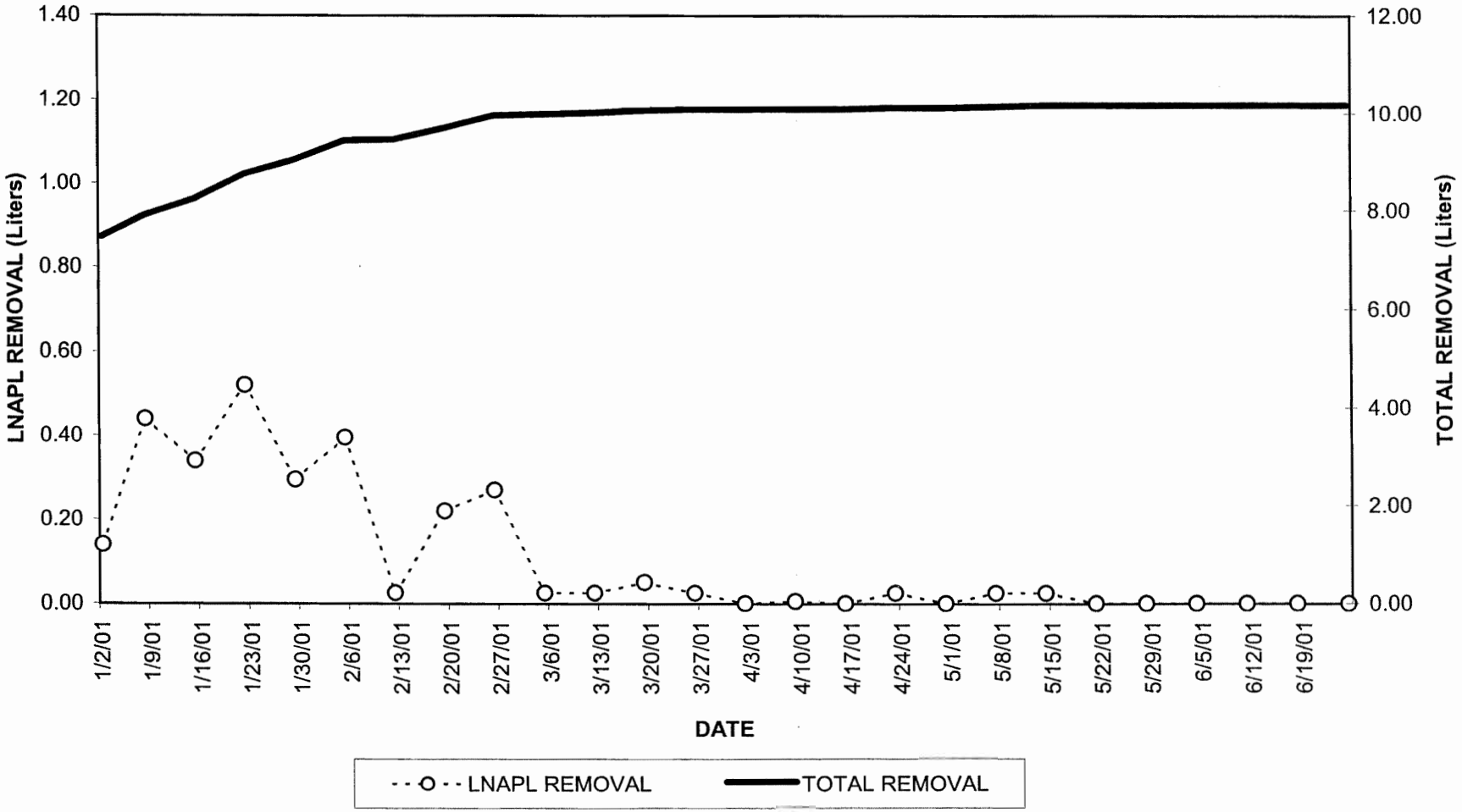
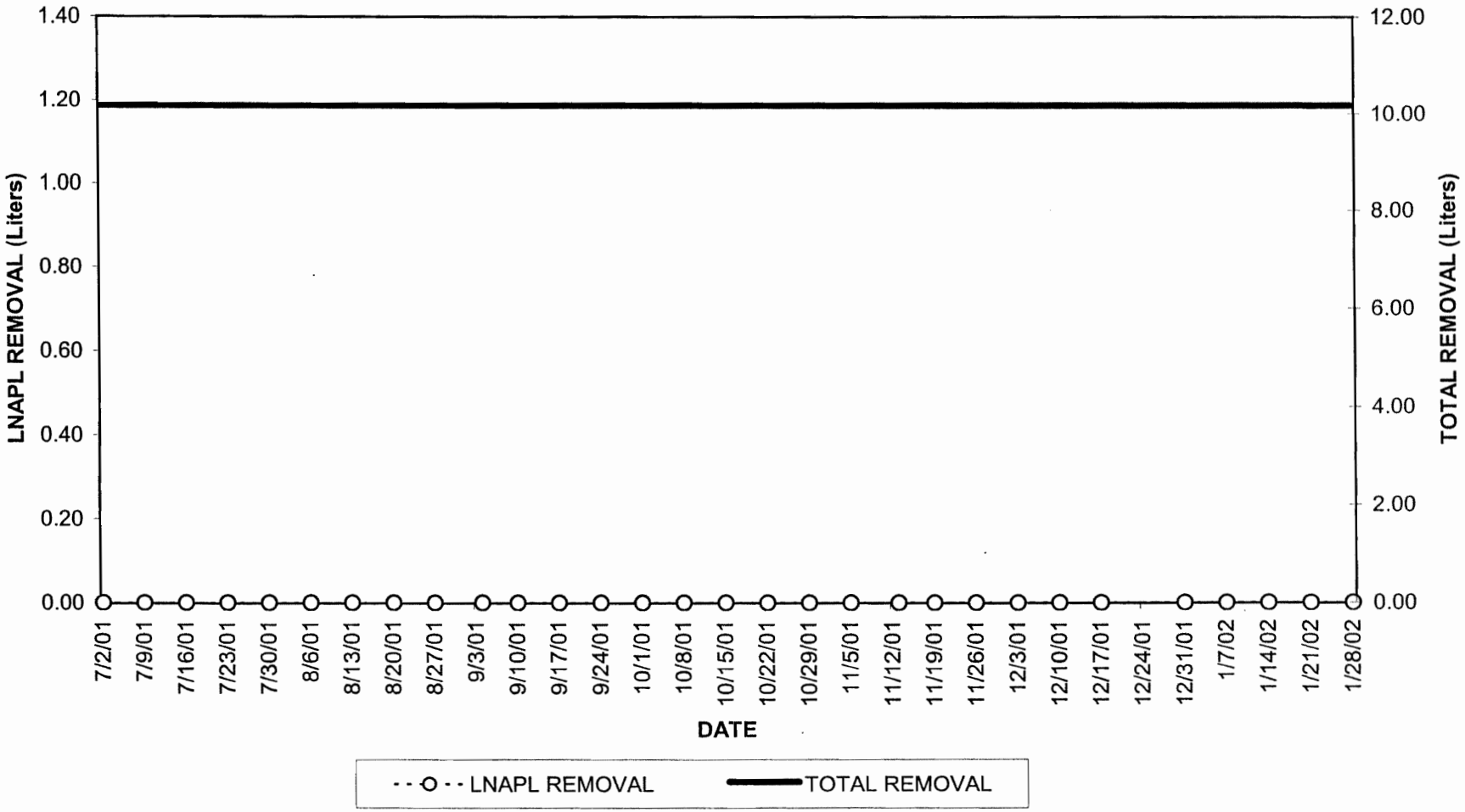
GRAPH E-3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JANUARY 3, 2000 TO JUNE 26, 2000
WELL H78B-8R



GRAPH E-3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JULY 3, 2000 TO DECEMBER 26, 2000
WELL H78B-8R



GRAPH E-3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JANUARY 2, 2001 TO JUNE 25, 2001
WELL H78B-8R



GRAPH E-3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
PLANT SITE 3 GROUNDWATER MANAGEMENT AREA
MANUAL LNAPL RECOVERY DATA: JULY 2, 2001 TO JANUARY 28, 2002
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