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Transmitted via Overnight Courier

August 30, 2006

Mr. William P. Lovely, Jr.
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site
Groundwater Management Area 3 (GECD330)
Groundwater Quality and NAPL Monitoring Interim Report for Spring 2006

Dear Mr. Lovely:

In accordance with GE's approved *Baseline Monitoring Program Proposal for Plant Site 2 Groundwater Management Area* (April 2001), enclosed is a report entitled *Groundwater Management Area 3 Groundwater Quality and NAPL Monitoring Interim Report for Spring 2006* (Spring 2006 GMA 3 Baseline Report). This report summarizes activities performed at Groundwater Management Area (GMA) 3 (also known as the Plant Site 2 GMA) between January and June 2006, including the results of the spring 2006 round of sampling and analysis of groundwater for GMA 3 and the results of GE's non-aqueous phase liquid (NAPL) monitoring and recovery program in this area. In addition, this report contains a proposal for modifying the interim groundwater quality monitoring program to be implemented at GMA 3 until such time as all required soil-related Removal Actions are completed within this GMA and a comprehensive long-term monitoring program may be developed.

Please contact me if you have any questions or comments.

Sincerely,

Richard W. Gates/dd for

Richard W. Gates
Remediation Project Manager

Enclosure
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REPORT

Groundwater Management Area 3 Groundwater Quality and NAPL Monitoring Interim Report for Spring 2006

General Electric Company
Pittsfield, Massachusetts

August 2006

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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soils, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the areas at and near the GE Pittsfield facility have been divided into five Groundwater Management Areas (GMAs), which are illustrated on Figure 1. These GMAs are described, together with the Performance Standards established for the response actions at and related to them in Section 2.7 of the *Statement of Work for Removal Actions Outside the River* (SOW) (Appendix E to the CD), with further details presented in Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response Programs). This report relates to the Plant Site 2 GMA, also known as and referred to herein as GMA 3.

On April 24, 2001, GE submitted a *Baseline Monitoring Program Proposal for Plant Site 2 Groundwater Management Area* (GMA 3 Baseline Monitoring Proposal). The GMA 3 Baseline Monitoring Proposal summarized the hydrogeologic information available at that time for GMA 3 and proposed groundwater and NAPL monitoring activities (incorporating as appropriate those activities currently in place at that time) for the baseline monitoring period at this GMA. EPA provided conditional approval of the GMA 3 Baseline Monitoring Proposal by letter dated November 21, 2001. Thereafter, certain modifications were made to the GMA 3 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of the selected monitoring locations and, subsequently, during implementation of the baseline monitoring program.

As part of the baseline program, GE is required to submit reports on a semi-annual basis to summarize the groundwater and NAPL monitoring and recovery results and, as appropriate, propose modification to the monitoring program. With regard to GMA 3, GE deferred the 2002 and 2003 sampling rounds (with EPA approval) because certain property access issues could not be resolved prior to the scheduled performance of those sampling events. However, GE continued to perform NAPL and groundwater elevation monitoring on an

interim basis at all locations for which access was available and collected groundwater samples from one well (78B-R) on a semi-annual basis for analysis of volatile organic compounds (VOCs) and, until fall 2003, PCBs.

The final property access issues were resolved by February 2004, and, beginning in spring 2004, GE commenced the full semi-annual baseline groundwater quality sampling program at GMA 3. The baseline monitoring program consisted of four semi-annual groundwater quality sampling events (with annual sampling at certain wells), quarterly groundwater elevation monitoring, and miscellaneous NAPL monitoring and recovery activities, followed by preparation and submittal of semi-annual reports summarizing the groundwater/NAPL monitoring results, comparing the groundwater results with applicable Performance Standards, and, as appropriate, proposing modifications to the monitoring program. The full monitoring program sampled for analysis of PCBs, certain non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenyhydrazine (Appendix IX+3), and/or certain constituents (i.e., natural attenuation parameters) to assess intrinsic and natural processes that may be influencing VOC concentrations in groundwater. The fourth baseline monitoring report for GMA 3, titled *Groundwater Management Area 3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2005* (Fall 2005 GMA 3 Report), was submitted to EPA on February 26, 2006.

Section 6.1.3 of Attachment H to the SOW provides that if the two-year baseline period ends prior to the completion of soil-related response actions at all the RAAs within a GMA, GE may make a proposal to EPA to modify and/or extend the Baseline Monitoring Program based on the results of the initial assessment and the estimated timing of future response actions at the RAAs in the GMA. The approved GMA 3 Baseline Monitoring Proposal also allows GE to propose a modification and/or extension of the baseline monitoring program based on the results of the initial assessment and the estimated timing of future response actions.

Therefore, as the soil-related Removal Actions at the Unkamet Brook Area RAA within GMA 3 were not yet complete, the Fall 2005 GMA 3 Groundwater Quality Report contained a proposal to modify and extend baseline groundwater quality monitoring activities at GMA 3 (under a program referred to as the interim monitoring program) until such time as the soil-related Removal Actions at the Unkamet Brook Area RAA are completed and the specific components of a long-term groundwater quality monitoring program are determined.

EPA verbally approved GE's proposed modifications to the GMA 3 groundwater monitoring program prior to the spring 2006 sampling event, followed by written conditional approval in a letter dated May 2, 2006. As part of the interim monitoring program, GE is required to submit reports after each groundwater sampling event to

summarize the groundwater/NAPL monitoring results and related activities and, as appropriate, propose modifications to the monitoring program. This *Groundwater Management Area 3 Groundwater Quality and NAPL Monitoring Interim Report for Spring 2006* (Spring 2006 GMA 3 Report) presents the results of groundwater sampling activities performed at this GMA during April 2006, as well as certain other groundwater characterization and NAPL-related activities performed between January and June 2006.

1.2 Background Information

1.2.1 GMA Description

GMA 3 encompasses the portion of the Unkamet Brook Area (as defined in the CD and SOW) located to the east of Plastics Avenue, and occupies an area of approximately 103 acres (Figures 1 and 2). This area includes the eastern portion of GE's Pittsfield facility, which is generally bounded by Dalton Avenue to the north, Merrill Road to the south, Plastics Avenue to the west, and railroad tracks to the east. GMA 3 also contains commercial/recreational properties located between Merrill Road and the Housatonic River to the southeast of the facility. Unkamet Brook extends from northwest to southeast through the interior of this GMA, although a portion of the brook in the center of the area flows through underground culverts. The GE-owned portion of this GMA located west of Unkamet Brook is mostly paved and covered with large buildings. The GE-owned portion to the east of Unkamet Brook, as well as much of the land between Merrill Road and the Housatonic River, is undeveloped except for the area associated with Building OP-3 and the commercial area along Merrill Road.

Groundwater at GMA 3 generally flows in a southeasterly direction toward the Housatonic River, usually with a pattern that mimics the existing topography. However, localized variations in the flow direction exist due to fill materials used beneath building foundations in the GE Plastics area and the presence of Unkamet Brook. The subsurface conditions across GMA 3 are illustrated on cross-sections A-A' and B-B', presented as Figures 3 and 4, respectively. The locations of these cross-sections are provided on Figure 2. Figure 5 illustrates groundwater elevations and flow direction using data collected during the spring 2006 monitoring round. The groundwater elevation data utilized to prepare this figure is provided in Table 4. The horizontal hydraulic gradients are somewhat variable within GMA 3, but generally decrease toward the Housatonic River, corresponding to a flattening in the ground surface topography.

Several well pairs or closely-spaced shallow and deep well clusters have been installed at GMA 3. The approximate depth of a well in a cluster can be identified by the letter contained in the well name (e.g., cluster 39 contains wells 39A, 39B-R, 39D-R, and 39E) which represents the well series, specifically:

- A-series wells are generally screened approximately 45 to 50 feet below ground surface (bgs);
- B-series wells are generally screened at or near the water table, approximately 15 to 25 feet bgs;
- C-series wells are generally screened approximately 95 to 100 feet bgs;
- D-series wells are generally screened approximately 70 to 75 feet bgs; and
- E-series wells are generally screened at depths greater than 150 feet bgs.

Most of the GMA 3 well clusters consist of an A-series well paired with a B-series well, and sometimes one or more of the deeper series wells. Prior monitoring data from the well clusters has indicated that the vertical component of the hydraulic gradient is variable at GMA 3. In general, groundwater flows downward in the northern part of the GMA, moves laterally across the central areas, and rises to the south, near the Housatonic River.

The presence of NAPL in this area has been documented in prior GE reports. NAPL has been observed near Building 59 in coarse gravel that was assumed to be fill material for the foundation of that building. NAPL also has been found in the vicinity of Building 51 and that NAPL may have originated from leakage of underground storage tanks located on the northeast side of that building. Previous investigations have identified the NAPL as a light non-aqueous phase liquid (LNAPL) in the soil at and above the groundwater table interface. The LNAPL east of Building 51 contains multiple constituents, including PCBs, polynuclear aromatic hydrocarbons (PAHs), ethylbenzene, xylenes, 1,2,4-trichlorobenzene, and 1,4-dichlorobenzene, among other constituents. By contrast, the LNAPL just north of Building 59 contains PCBs, a single low level SVOC, and no VOCs. Dense non-aqueous phase liquid (DNAPL) has not been encountered at any of the monitoring wells within GMA 3.

Distribution of the LNAPL has been confined to the vicinity of Buildings 51 and 59, along the western boundary of the GMA, due primarily to: (a) the generally low hydraulic gradients in this area; (b) the difference in grain size between the coarse fill materials near and beneath the buildings and the grain size of the surrounding native soils; (c) an apparent groundwater mound present between Buildings 59 and 119, to the south of the NAPL area; and (d) the ongoing LNAPL recovery efforts (both automated and manual) conducted by GE. All locations where NAPL has been previously documented are shown on Figure 6, while the extent of NAPL observed in

spring 2006 is illustrated on Figure 7. A discussion of the current extent of NAPL and the results of NAPL monitoring and recovery activities is provided in Section 4.6.

1.2.2 Interim Monitoring Program

As discussed in Section 1.1 above, the CD and the SOW provide for the performance of groundwater-related activities at a number of GMAs, including the implementation of groundwater monitoring, assessment, and recovery programs. In general, these programs consist of a baseline monitoring program conducted over a period of at least two years to establish existing groundwater conditions and a long-term monitoring program performed to assess groundwater conditions over time and to verify the attainment of the Performance Standards for groundwater. The baseline monitoring program was to be initiated at GMA 3 in the spring of 2002, but, as discussed above, access issues prevented performance of the full baseline monitoring program before spring 2004.

As set forth in the GMA 3 Baseline Monitoring Proposal and Addendum, the baseline monitoring program at this GMA initially involved a total of 62 monitoring wells. All of these wells were monitored for groundwater elevations on a quarterly basis (at a minimum) while 21 of the wells were sampled on a semi-annual basis for analysis of PCBs and/or certain non-PCB Appendix IX+3 constituents. The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well. In addition, groundwater samples from 20 monitoring wells were collected on an annual basis for analysis of certain constituents (i.e., natural attenuation parameters) to assess intrinsic and natural processes that may be influencing VOC concentrations in groundwater. As discussed in a June 15, 2004 letter from GE to EPA, eight wells (i.e., wells 16C, 16E, 89D, 95B, 95C, 111A, 114B, and 114C) that were included in the natural attenuation monitoring program were found to be unusable, and replacements for five of these wells were proposed to be installed. Following EPA approval of that proposal, natural attenuation wells 95B (which is also monitored as a GW-3 monitoring point) 16C, 89D, 111A, and 114B (which is also monitored as a GW-3 monitoring point) were replaced by wells designated as 95B-R, 16C-R, 89D-R, 111A-R, and 114B-R, respectively. The remaining natural attenuation wells that were found to be unusable (i.e., wells 16E, 95C, and 114C) were installed at depths below the area of interest for the natural attenuation monitoring program and other wells that are better-positioned within their respective clusters are being utilized for this monitoring. Therefore, these three wells were removed from the natural attenuation monitoring program.

The fall 2005 sampling event constituted the fourth baseline sampling event at most of the wells in GMA 3. In the Fall 2005 GMA 3 Report, GE described its proposed interim groundwater quality monitoring program to be conducted until the completion of the soil-related Removal Actions at the Unkamet Brook RAA. Beginning in spring 2006, as approved by EPA, the interim groundwater quality monitoring program consists of annual sampling (in the spring season) and analysis for VOCs and the list of natural attenuation parameters at 22 monitoring wells, plus annual sampling (alternating between the spring and fall seasons) and analysis for volatile organic compounds (VOCs) at one additional well. Finally, GE was to continue sampling at five locations where four baseline sampling rounds had yet to be completed (three of which are also included in the natural attenuation monitoring program). The components of the interim groundwater quality monitoring program at GMA 3 are summarized in Table 1.

In addition to the wells that are currently being monitored under the interim monitoring program, another baseline monitoring well (GMA3-1) was to be located in a marshy area found to be inaccessible to drilling and sampling equipment. EPA has agreed to defer the installation of well GMA3-1 until after the completion of future remediation activities (i.e., soil/sediment removal and the re-routing of Unkamet Brook) in this area.

1.2.3 NAPL Monitoring Program

In addition to the wells that were sampled during the baseline monitoring period (all of which are monitored for groundwater elevations on a semi-annual basis), 27 monitoring wells are also routinely monitored for groundwater elevation and the presence of NAPL on an established weekly, monthly, or quarterly schedule. The groundwater elevation/NAPL monitoring schedule for GMA 3 is summarized in Table 2 and the construction details of the monitoring wells are provided in Table 3. The well locations are shown on Figure 2.

1.2.4 Format of Document

The remainder of this report is presented in six sections. Section 2 describes the groundwater- and NAPL-related activities performed at GMA 3 in spring 2006. Section 3 presents the analytical results obtained during the spring 2006 sampling event. Section 4 provides a summary of the applicable groundwater quality and NAPL-related Performance Standards under the CD and SOW, an assessment of the groundwater quality results from spring 2006, including comparisons to the currently applicable groundwater quality Performance Standards and to the Upper Concentration Limits (UCLs) for groundwater, and an evaluation of the NAPL monitoring/recovery program. Section 5 proposes certain modifications to the current NAPL and interim

groundwater quality monitoring programs. Finally, Section 6 addresses the schedule for future field and reporting activities related to groundwater quality and NAPL presence at GMA 3.

2. Field and Analytical Procedures

2.1 General

The activities conducted as part of the spring 2006 semi-annual groundwater monitoring program primarily involved measurement of groundwater/NAPL levels, and the collection of groundwater samples from monitoring wells within GMA 3. Monitoring and recovery of LNAPL (if present) were routinely performed at the monitoring wells which are included in the NAPL monitoring program. All wells that were gauged for groundwater elevations, sampled for groundwater quality, and/or monitored for LNAPL during spring 2006 are identified in Tables 1 and 2, and a site plan showing the groundwater monitoring/sampling locations described in this report is presented on Figure 2. This section discusses the field procedures used to conduct those field activities, as well as the methods used to analyze the groundwater samples. All activities were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2 Well Installation and Development

In the Fall 2005 GMA 3 Report, GE proposed to decommission one monitoring well and two piezometers that were found to be unusable and to install replacement wells at two of the locations. Specifically, GE proposed to replace well 39D with new well 39D-R and piezometer UB-PZ-2 with new well GMA3-15. Piezometer UB-PZ-1 was proposed to be replaced by nearby existing well GMA3-7 for groundwater elevation/NAPL monitoring purposes. Following EPA approval, GE performed the well decommissioning and replacement activities in spring 2006. The locations of these wells are shown on Figure 2. Table 3 shows the survey data and well construction details for these new and replacement wells, along with the existing wells in the baseline monitoring program. Monitoring well logs for the new and replacement wells are presented in Appendix A.

Following installation, the new monitoring wells were developed to remove fine materials (e.g., fine sand, silt, clay) that may have accumulated in the filter pack and to ensure that the well screen was transmitting groundwater representative of the surrounding formation. Development was performed by surging the saturated portion of the well screen with a surge block and removing groundwater with a submersible pump and a positive displacement pump. Existing well 16C-R was also re-developed to address elevated turbidity levels observed during prior sampling rounds.

2.3 Groundwater Elevation Monitoring

The spring 2006 quarterly groundwater elevation monitoring round was performed between April 11, 2006 and April 13, 2006. This activity involved the collection of groundwater level data at the locations listed in Table 4. Groundwater levels and NAPL thicknesses (where NAPL is present) were measured in accordance with the procedures specified in GE's approved FSP/QAPP. The groundwater elevation data presented in Table 4 from wells screened across or near the water table were used to prepare a groundwater elevation contour map for spring 2006 (Figure 5). A summary of all groundwater elevation data collected in spring 2006 is provided in Table 5 and the monitoring data are included in Appendix B.

Groundwater elevations were, on average, approximately 0.53 feet lower than the elevations measured during the respective prior seasonal monitoring event in spring 2005 at water table monitoring locations measured during both monitoring events. Consistent with prior data, groundwater was found to generally flow toward the Housatonic River, with some localized variations in the vicinity of Buildings 51 and 59.

2.4 LNAPL Monitoring and Recovery

This section describes the results of the LNAPL monitoring and recovery activities performed by GE within GMA 3 from January through June 2006 (henceforth referred to as spring 2006), including the April 2006 semi-annual monitoring event and other routine and non-routine monitoring/recovery activities conducted during that period. These activities primarily include the operation of the automated LNAPL recovery system at well 51-21, the routine measurement of groundwater elevations and NAPL thickness (if present), and the manual removal of NAPL if sufficient thickness is present. All activities were performed in accordance with GE's approved FSP/QAPP.

Approximately one to two weeks prior to the semi-annual monitoring event, GE monitored all wells where the presence of NAPL was noted during the prior year and manually removed any NAPL which was present. The purpose of these bailing rounds is to ensure that any NAPL present in a well is also present in the surrounding formation and not remnant oil which may have been trapped in the well since the prior removal event. These bailing round activities provide a consistent basis to compare the current presence and thickness of NAPL between wells that may otherwise be subject to varying NAPL removal schedules.

Routine LNAPL monitoring was conducted at the monitoring wells listed in Table 5 on a semi-annual, quarterly, monthly, and/or weekly basis. Table 5 also summarizes the spring 2006 LNAPL removal data on a well-by-well basis, and Table B-1 (Appendix B) presents a summary of all of the spring 2006 LNAPL measurements and removal quantities (when performed) for each well at GMA 3. Approximately 33 gallons of LNAPL were recovered between January and June 2006 at GMA 3. Approximately 76 % of this total (25 gallons) was removed by the automated skimmer system at well 51-21, and the remainder was manually recovered during routine monitoring events. Since 1997, approximately 1,145 gallons of LNAPL have been removed from GMA 3 as part of GE's NAPL monitoring and recovery program.

Figure 6 depicts the historical maximum extent of LNAPL observed at GMA 3. That figure represents a compilation of past investigations and shows the maximum lateral extent of LNAPL that has been observed and documented in prior GE reports, and is not indicative of current conditions. Figure 7 indicates the extent of LNAPL observed during the semi-annual monitoring event conducted in April 2006. As shown on those two figures, the northern (upgradient) extent of LNAPL has decreased since the onset of the periodic LNAPL monitoring and recovery activities being conducted in this area. The extent of LNAPL to the west of Building 51 shows a slight increase from fall 2005 due to the presence of LNAPL observed in well GMA3-13 during the spring 2006 monitoring event. Although, LNAPL was not observed in this well during fall 2005, LNAPL has been observed in this well during previous monitoring events. Consistent with historical monitoring results at this GMA, DNAPL was not encountered in any of the monitoring wells gauged during spring 2006.

2.5 Groundwater Sampling and Analysis

The spring 2006 interim sampling event was performed in two phases conducted between April 19, 2006 and June 1, 2006. GE initiated the spring 2006 groundwater sampling event on April 19, 2006 and completed the required data collection at all 24 accessible monitoring wells by May 10, 2006. Four wells were resampled for select parameters on May 31, 2006 or June 1, 2006 due to a lost shipment to the analytical laboratory. Thus, through the two phases of sampling, GE was able to collect samples from all of the 25 wells scheduled for sampling in spring 2006. As explained in Section 1.2, the installation of well GMA3-1, located in a marshy area, has been deferred until re-routing of Unkamet Brook. In addition, a final round of baseline samples was collected at locations 54B-R, 82B-R, 95B-R, 111B-R and 114B-R, where four complete rounds had not previously been completed.

Low-flow sampling techniques using either a bladder or peristaltic pump were utilized for the purging and collection of groundwater samples during this sampling event. The specific sampling method utilized, as well as a summary of any deviations from the low-flow sampling method specified in the FSP/QAPP, are listed in Appendix B. Each monitoring well was purged until field parameters (including temperature, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) stabilized or the well was pumped dry. The field parameters were measured in combination with the sampling activities at all monitoring wells sampled. The data are summarized in Table 6 and the field sampling records are contained in Appendix C. A general summary of the spring 2006 field measurement results, collected just prior to sampling, for the monitoring event is provided below:

PARAMETER	UNITS	RANGE
Turbidity	Nephelometric turbidity units	1 – 24
pH	pH units	6.05 – 11.76
Specific Conductivity	Millisiemens per centimeter	0.17 – 6.19
Oxidation-Reduction Potential	Millivolts	-304.8 – 169.7
Dissolved Oxygen	Milligrams per liter	0.32 – 217.92
Temperature	Degrees Celsius	6.65 – 12.87

As shown above and in Table 6 for this sampling event, none of the groundwater samples extracted from the monitoring wells had turbidity levels greater than the target level of 50 NTU upon stabilization. These results indicate that the sampling and measurement procedures utilized during this sampling event were effective in obtaining groundwater samples with low turbidity.

The groundwater samples collected on or before May 10, 2006 were submitted to SGS Environmental Services of Charleston, West Virginia, for laboratory analysis, while samples collected on May 31, 2006 and June 1, 2006 were submitted to SGS Environmental Services of Wilmington, North Carolina. For groundwater samples collected to complete a fourth baseline sampling round (except at well 111B-R, where pesticide/herbicide analyses are not required, and well 114B-R, where only PCB samples were needed to complete the baseline requirements), were submitted for analysis of the following parameters using the associated EPA methods:

PARAMETER	EPA METHOD
VOCs	8260B
Semi-Volatile Organic Compounds (SVOCs)	8270C
PCBs (Filtered and Unfiltered Samples)	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Pesticides and Herbicides	8080 and 8151
Metals (Filtered and Unfiltered Samples)	6010B, 7000A, and 7470A
Cyanide (Filtered and Unfiltered Samples)	9014
Sulfide	9034

For groundwater samples collected from wells that are sampled for natural attenuation parameters, the samples were submitted for analysis of VOCs using Method 8260B and for the following additional parameters using the associated EPA Methods:

PARAMETER	EPA METHOD
Alkalinity (total)	310
Chloride	325
Dissolved Organic Carbon	360
Ethane, Ethene, Methane	8319
Iron	6000
Nitrate Nitrogen	353.1
Nitrite Nitrogen	354.1
Sulfate (turbidimetric)	375

Select natural attenuation samples were also analyzed for two SVOCs that are breakdown byproducts of chlorobenzene (2-chlorophenol and 4-chlorophenol), using EPA Method 8270C. Wells 95B-R, 11B-R, and 114B-R were sampled for the natural attenuation analyte list as well as for the remaining baseline monitoring program analytical parameters discussed above.

The data for the spring 2006 interim groundwater quality sampling were validated in accordance with the FSP/QAPP. As discussed in the validation report provided as Appendix F, 99.8% of the spring 2006 groundwater quality data are considered to be useable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP. The VOC, PCB, Pesticide/Herbicide, PCDD/PCDF, inorganic, and natural attenuation sample results were found to be 100% usable, while the SVOC sample results were found to be 98.8% usable. The rejected SVOC results were limited to one groundwater sample (54B-R), where 16 phenolic

results were rejected due to low surrogate recoveries. The validated analytical results are summarized in Section 3 and discussed in Section 4 below.

3. Groundwater Analytical Results

3.1 General

This section presents a description of the spring 2006 groundwater and LNAPL analytical results. A summary of the full validated spring 2006 data set is provided in Appendix C, while the data validation report on these results is presented in Appendix E. Tables 7, 8, and 9 summarize the validated results for detected constituents in groundwater relative to the MCP Method 1 GW-2 and GW-3 standards and the MCP UCLs for groundwater, respectively. An assessment of these results relative to those groundwater quality standards and UCLs is provided in Section 4. Also, Table 10 provides a summary of the detected VOCs and natural attenuation parameters at the wells monitored for indications of natural attenuation processes.

3.2 Groundwater Quality Results

3.2.1 VOC Results

Groundwater samples from 25 monitoring wells were analyzed for VOCs during the spring 2006 sampling event. The VOC analytical results for all constituents analyzed are summarized in Appendix D. No VOCs were detected in nine of the groundwater samples, while 8 individual VOCs were observed in the remaining 15 samples. The most commonly observed VOCs were chlorobenzene (detected in 13 groundwater samples, plus one duplicate) and benzene (detected in 12 groundwater samples, plus one duplicate). Total VOC concentrations ranged from non-detect (in six samples) to 210 parts per million (ppm) in natural attenuation monitoring well 2A.

As discussed in Section 4.3, no VOCs were detected at concentrations above the applicable MCP Method 1 GW-2 or GW-3 standards at any of the monitoring wells where the results are compared to these respective standards under the GMA 3 groundwater monitoring program.

3.2.2 SVOC Results

Groundwater samples from four GW-3 monitoring wells (two of which were also utilized as natural attenuation monitoring locations) were analyzed for all Appendix IX SVOCs, plus benzidine and 1,2-diphenyhydrazine during the spring 2006 sampling event. Additionally, samples from eight natural attenuation monitoring wells

were analyzed for 2-chlorophenol and samples from seven natural attenuation monitoring well were analyzed for 4-chlorophenol. All SVOC analyses were performed using EPA Method 8270C. The SVOC analytical results for all constituents analyzed are summarized in Appendix D. Overall, only one individual SVOC was observed in the groundwater samples analyzed for the entire Appendix IX SVOC analyte list. Specifically, 1,4-dichlorobenzene was detected in monitoring wells 95B-R and 111B-R at trace concentrations below the associated PQL. No other SVOCs were detected in these samples or the other two groundwater samples that were analyzed for the entire Appendix IX SVOC list. For the groundwater samples from natural attenuation wells that were analyzed for select SVOCs (2- and 4-chlorophenol), 2-chlorophenol was detected in three monitoring wells and 4-chlorophenol was detected in four monitoring wells.

3.2.3 PCB Results

Unfiltered and filtered groundwater samples from 5 monitoring wells were analyzed for PCBs as part of the spring 2006 sampling event. The PCB analytical results for all aroclors analyzed are summarized in Appendix D. PCBs (filtered and unfiltered) were detected in four of the wells. Total PCB concentrations in the unfiltered samples ranged from non-detect (in one sample) to 0.00040 ppm, while filtered sample concentrations ranged from non-detect (in one sample) to 0.00087 ppm. As discussed in Section 4.3.2, one of the groundwater samples contained PCBs at a concentration above the applicable MCP Method 1 GW-3 standard of 0.0003 ppm during spring 2006, while the remaining sample showed concentrations below the GW-3 standard.

3.2.4 Pesticide/Herbicide Results

Groundwater samples from three monitoring wells were analyzed for pesticides and herbicides during the spring 2006 sampling event. The analytical results for the constituents analyzed are presented in Appendix D. No pesticides or herbicides were detected in any of the groundwater samples.

3.2.5 PCDD/PCDF Results

Groundwater samples from four monitoring wells were analyzed for PCDDs/PCDFs during the spring 2006 sampling event. The PCDD/PCDF analytical results are summarized in Appendix D. Nineteen PCDD/PCDF congeners were observed in three of the four groundwater samples. Total Toxicity Equivalency Quotients (TEQs) were calculated for the PCDD/PCDF compounds using the Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO). In calculating those TEQs, the concentrations of individual

PCDD/PCDF compounds that were not detected were represented as one-half the analytical detection limit for those compounds. Total TEQ concentrations ranged from 2.6×10^{-9} ppm to 8.4×10^{-8} ppm.

3.2.6 Inorganics Results

Unfiltered and filtered groundwater samples from four monitoring wells were analyzed for inorganics during the spring 2006 sampling event. The analytical results for all inorganic constituents analyzed are summarized in Appendix D. A total of 13 individual inorganic constituents were detected in one or more of the unfiltered samples, while 12 inorganic constituents were detected in one or more filtered samples. The most commonly observed constituent was barium (detected in each of the filtered and unfiltered samples).

3.2.7 Natural Attenuation Monitoring Results

Groundwater samples from 22 monitoring wells were analyzed for natural attenuation parameters. The analytical results for these parameters (along with any detected VOCs or SVOCs) are provided in Table 10 and Appendix D. A summary of the natural attenuation sampling results is provided below:

PARAMETER	NUMBER OF DETECTS	RESULT RANGE (ppm)
Alkalinity	22	81-590
Chloride	22	1.6-1,400
Dissolved Organic Carbon	22	0.40-25
Ethane	0	--
Ethene	2	ND-0.64
Dissolved Iron	7	ND-5.1
Methane	16	ND-5.8
Nitrate (Nitrogen)	4	ND-6.3
Nitrite (Nitrogen)	0	--
Sulfate (turbidimetric)	13	ND-170

4. Assessment of Results

4.1 General

This report constitutes the first interim groundwater quality/NAPL recovery monitoring report submitted since completion of the GMA 3 baseline groundwater monitoring program, following the four baseline monitoring reports submitted for this GMA. Conclusions developed herein are based on the laboratory results and field measurements obtained during the spring 2006 groundwater sampling event, supplemented with historical groundwater analytical data where available.

4.2 Performance Standards

4.2.1 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 3 are set forth in Section 2.7 and Attachment H (Section 4.1) of the SOW. In general, the Performance Standards for groundwater quality are based on the groundwater classification categories designated in the MCP. The MCP identifies three potential groundwater categories that may be applicable to a given site. One of these, GW-1 groundwater, applies to groundwater that is a current or potential source of potable drinking water. None of the groundwater at any of the GMAs at the Site is classified as GW-1. However, the remaining MCP groundwater categories are applicable to GMA 3 and are described below:

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

- GW-3 groundwater is defined as groundwater that discharges to surface water. By MCP definition, all groundwater at a site is classified as GW-3 since it is considered to be ultimately discharged to surface water. In accordance with the CD and SOW, all groundwater at GMA 3 is considered as GW-3.

The CD and the SOW allow for the establishment of standards for GW-2 and GW-3 groundwater at the GMAs through use of one of three methods, as generally described in the MCP. The first, known as Method 1, consists of the application of pre-established numerical "Method 1" standards set forth in the MCP for both GW-2 and GW-3 groundwater (310 CMR 40.0974). These "default" standards have been developed to be conservative and will serve as the initial basis for evaluating groundwater at GMA 3. The current MCP Method 1 GW-2 and GW-3 standards for the constituents detected in the spring 2005 sampling event are listed in Tables 7 and 8, respectively. (In the event of any discrepancy between the standards listed in these tables and those published in the MCP, the latter will be controlling.) For constituents for which Method 1 standards do not exist, the MCP provides procedures, known as Method 2, for developing such standards (Method 2 standards) for both GW-2 (310 CMR 40.0983(2)) and GW-3 (310 CMR 40.0983(4)) groundwater. For such constituents that are detected in groundwater during the baseline monitoring program, Attachment H to the SOW states that in the Baseline Monitoring Program Final Report, GE must propose to develop Method 2 standards using the MCP procedures or alternate procedures approved by EPA, or provide a rationale for why such standards need not be developed. For constituents whose concentrations exceed the applicable Method 1 (or Method 2) standards, GE may develop and propose to EPA alternative GW-2 and/or GW-3 standards based on a site-specific risk assessment. This procedure is known as Method 3 in the MCP. Upon EPA approval, these alternative risk-based GW-2 and/or GW-3 standards may be used in lieu of the Method 1 (or Method 2) standards. Of course, whichever method is used to establish such groundwater standards, GW-2 standards will be applied to GW-2 groundwater and GW-3 standards will be applied to GW-3 groundwater.

On January 9, 2006, MDEP approved revised Method 1 numerical standards for a number of constituents in groundwater. The revised standards became effective on April 3, 2006. GE had previously proposed to incorporate the revised MCP Method 1 Groundwater Standards into future data assessments once those standards were finalized, and this report constitutes the first report at this GMA for which those standards will be used.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 3 consist of the following:

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

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

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

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

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

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

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

These Performance Standards are to be applied to the results of the individual monitoring wells included in the monitoring program. Several monitoring wells have been designated as the compliance points for attainment of the Performance Standards identified above. In addition, at GMA 3, a number of wells are designated as natural attenuation monitoring wells, which are used to evaluate natural attenuation mechanisms in groundwater. The GW-2, GW-3, and natural attenuation monitoring wells at this GMA were identified in the GMA 3 Baseline Monitoring Proposal Addendum and are listed in Table 1.

4.2.2 NAPL-Related Performance Standards

Under the CD and SOW, GE is required to perform monitoring, recovery, assessment, and other response activities related to NAPL until the applicable NAPL-related Performance Standards are ultimately achieved. The NAPL-related Performance Standards are set forth in Section 2.7 and Attachment H (Section 4.0) of the SOW. They consist of the following:

1. Containment, defined as no discharge of NAPL to surface waters and/or sediments, which shall include no sheens on surface water and no bank seeps of NAPL.

2. For areas near surface waters in which there is no physical containment barrier between the wells and the surface water, elimination of measurable NAPL (i.e., detectable with an oil/water interface probe) in wells near the surface water bank that could potentially discharge NAPL into the surface water, in order to prevent such discharge and assist in achieving groundwater quality Performance Standards.

3. For areas adjacent to physical containment barriers, prevention of any measurable LNAPL migration around the ends of the physical containment barriers.

4. For NAPL areas not located adjacent to surface waters, reduction in the amount of measurable NAPL to levels which eliminate the potential for NAPL migration toward surface water discharge areas or beyond GMA boundaries, and which assist in achieving groundwater quality Performance Standards.

5. For NAPL detected in wells designed to assess GW-2 groundwater (i.e., located at average depths of 15 feet or less from the ground surface and within a horizontal distance of 30 feet from an existing occupied building), a demonstration that constituents in the NAPL do not pose an unacceptable risk to occupants of such building via volatilization and transport to the indoor air of such building. Such demonstration may include assessment activities such as: NAPL sampling, soil gas sampling, desk-top modeling of potential volatilization of chemicals from the NAPL (or associated groundwater) to the indoor air of the nearby occupied buildings, or sampling of the indoor air of such buildings. If necessary, GE shall propose corrective actions, including, but not limited to, containment, recovery, or treatment of NAPL and impacted groundwater.

In addition to these Performance Standards, GE has developed and implemented site-wide criteria for NAPL monitoring and manual recovery requirements, standard procedures for assessment of new NAPL occurrences, and the feasibility of the installation of new recovery systems. In response, GE proposed several NAPL monitoring program guidelines in the Fall 2001 NAPL Monitoring Report for GMA 1 (conditionally approved by EPA on August 29, 2002) and subsequently implemented the approved guidelines across all GMAs. Those guidelines were incorporated into the most recent approved revision to GE's *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) submitted to EPA on June 15, 2004.

4.3 Groundwater Quality

The analytical results from the spring 2006 groundwater sampling event were compared to the applicable MCP Method 1 GW-2 and GW-3 standards and to the UCLs for groundwater. These comparisons are summarized in Tables 7, 8, and 9 (for the GW-2 standards, GW-3 standards, and UCLs, respectively) and are discussed in the following subsections.

4.3.1 Groundwater Results Relative to GW-2 Performance Standards

Groundwater samples were collected from one designated GW-2 monitoring well (16B-R) in spring 2006. The spring 2006 groundwater analytical results for all detected constituents subject to MCP Method 1 GW-2 standards and a comparison of those results with the applicable MCP Method 1 GW-2 standards are presented in Table 7. None of the spring 2006 sample results from GW-2 monitoring well 16B-R exceeded the GW-2 standards and total VOC concentrations were well below 5 ppm (the level specified in the SOW as a notification level for GW-2 wells within 30 feet of a school or occupied residential structure and as a trigger level for the proposal of interim response actions).

4.3.2 Groundwater Results Relative to GW-3 Performance Standards

A total of eight monitoring wells at GMA 3 designated as GW-3 monitoring wells (6B-R, 54B-R, 82B-R, 89B, 90B, 95B-R, 111B-R, and 114B-R) were sampled in spring 2006. As discussed in Section 1.2, one baseline monitoring well (GMA3-1) will not be installed until after the completion of future remediation activities and the re-routing of Unkamet Brook. The spring 2006 groundwater analytical results for all detected constituents and a comparison of those results with the applicable MCP Method 1 GW-3 standards are presented in Table 8. In comparing the baseline monitoring results for PCBs and inorganic constituents to the Method 1 GW-3 standards, GE has used the results from the filtered samples. EPA has previously agreed to this approach in a

letter to GE dated January 2, 2002. Accordingly, the unfiltered sample results for these constituents were used only for comparison to the MCP UCLs (discussed in Section 4.3.3 below).

The comparisons set forth in Table 8 indicate that the only exceedance of the Method 1 GW-3 standards at GW-3 monitoring wells was for PCBs in a filtered sample from one well. Specifically, the PCB concentration detected in the filtered sample from GW-3 perimeter well 114B-R (0.00087 ppm) exceeds the Method 1 GW-3 standard of 0.0003 ppm.

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

The PCB result from well 114B-R (replacement well for 114B) represents the first detection of PCBs in filtered samples at this location over four sampling rounds, although low levels of PCBs have previously been observed in unfiltered samples. Therefore, since this is the first exceedance of GW-3 standards at this location and spring 2006 represents the completion of baseline monitoring at this well, GE's proposed response to this result is to incorporate well 114B-R into the interim groundwater monitoring program for PCB analyses, as discussed in Section 5 below.

4.3.3 Comparison to Upper Concentration Limits

In addition to comparing the spring 2006 groundwater analytical results with applicable MCP Method 1 GW-2 and GW-3 standards, all detected constituents have also been compared with the groundwater UCLs specified in the MCP (310 CMR 40.0996(7)), as presented in Table 8. The results shown on Table 8 indicate that one constituent (chlorobenzene) was detected at levels above the applicable UCL. The UCL for chlorobenzene is 10 ppm, which was exceeded at natural attenuation wells 2A (160 ppm), 16A (31 ppm), 39B-R (32 ppm), 89A (14 ppm), and 89D-R (34 ppm). None of the wells included in the monitoring program as GW-2 or GW-3 monitoring points contained any constituents at concentrations above the MCP UCLs for groundwater.

The screened intervals of three of these five wells are positioned at depths of approximately 50 feet bgs, indicating that the elevated chlorobenzene levels are associated with the mid-level groundwater unit, which is consistent with prior investigation results showing that the VOC plume is primarily present in the A-series wells to the south of the former Waste Stabilization Basin. Well 39B-R is a water table well located immediately adjacent to the downgradient edge of the former Waste Stabilization Basin. Although the UCL was exceeded for the first time at well 89D-R, which is a 77-foot deep well located beneath the VOC plume, the concentrations of VOCs have generally decreased significantly from their historical levels at locations with large historical databases (see Appendix E). In Section 5, GE proposes to continue the current natural attenuation monitoring at these locations to further assess the VOC concentrations in groundwater at this area.

4.4 Natural Attenuation Monitoring Results

In addition to collecting and analyzing groundwater samples for comparison with the applicable MCP Method 1 groundwater standards and UCLs, groundwater samples from 22 monitoring wells were analyzed for natural attenuation parameters to assess intrinsic and natural processes that could mitigate groundwater impacts. The analytical results for these parameters (along with any detected VOCs) are provided in Table 9 and Appendix D. In addition, Table E-1 in Appendix E provides a summary of all available natural attenuation analytical data (as well as data for selected VOCs analyzed during the natural attenuation monitoring rounds) for the wells that were analyzed for these parameters in spring 2006.

As illustrated in Appendix E, the concentrations of VOCs have decreased significantly from their historical high levels at most locations with large historical databases. Although the concentrations of VOCs appear to be decreasing at GMA 3 and certain natural attenuation parameters such as chloride may appear to show an increasing or decreasing trend at individual monitoring wells, the data available are somewhat variable between wells on both a vertical and horizontal basis. Several natural attenuation parameters have remained relatively stable over time (e.g., alkalinity), or have only been occasionally observed at low levels (e.g., ethane and ethene). Chlorobenzene breakdown byproducts (i.e., 2- and 4-chlorophenol) are also observed in several wells. GE will continue to track changes in concentrations of natural attenuation parameters during the course of the interim monitoring program and will provide updated assessments of these results in future interim summary reports following sampling events when natural attenuation data is collected (i.e., after the spring groundwater quality monitoring rounds).

4.5 Overall Assessment of Analytical Results

Graphs illustrating historical concentrations of total VOCs and filtered and unfiltered PCBs, along with the spring 2006 concentrations, are provided in Appendix E for all wells sampled in spring 2006 that have been previously sampled and analyzed for those constituents. In addition, Appendix E contains graphs of historical concentrations of individual constituents (e.g., chlorobenzene) that exceeded the applicable MCP Method 1 GW-3 standards or UCLs at monitoring wells during any of the prior baseline monitoring program sampling events that were analyzed for those constituents in spring 2006.

The spring 2006 monitoring event constitutes only the fourth or fifth sampling event at many locations sampled under the GMA 3 groundwater quality monitoring program, thus the amount of data available to assess any trends in constituent concentrations is somewhat limited in some wells, while other wells have an extensive historical database. Based on a review of the Concentration vs. Time graphs presented in Appendix E, it appears that concentrations of total VOCs are considerably below their historical high levels in many of the wells downgradient of the former Waste Stabilization Basin, (i.e., the area known to contain the greatest VOC concentrations) where several years of prior data are available. Where minor increases have been observed during the baseline monitoring program, the constituent concentrations are generally still well below historical high levels. A recent increase in VOC concentrations has been observed at the 114 well cluster, and GE will continue to monitor the wells in this cluster (114A and 114B-R) in its proposed interim groundwater quality monitoring program (including additional analyses for two biodegradation end products), as discussed below. The concentrations of PCBs in wells over time do not appear to follow any apparent trend, but instead show minor fluctuations at low concentration levels.

4.6 Evaluation of NAPL Monitoring and Recovery Activities

This section discusses the results of the NAPL monitoring and recovery program at GMA 3 in spring 2006. In general, the ongoing NAPL recovery operations at GMA 3 have proven effective in removing LNAPL from the subsurface and in preventing LNAPL migration. A summary of the NAPL monitoring schedule is provided in Table 2.

4.6.1 Extent of NAPL

The historical maximum extent of measurable LNAPL at GMA 3 is illustrated on Figure 6, while the extent of LNAPL observed in April 2006 is shown on Figure 7. These figures show a significant decrease in the extent of measurable LNAPL observed in spring 2006 compared to the known maximum extent along the northeastern edge of the LNAPL area and a slight apparent decrease to the west (although that result may be misleading, as discussed below). This reduction in LNAPL extent on the northeastern portion of the LNAPL plume may, at least in part, be attributable to GE's NAPL recovery program, which includes an automatic skimmer system in well 51-21 and routine manual recovery of LNAPL at surrounding locations.

As previously mentioned, the extent of LNAPL in spring 2006 (Figure 7) appears slightly decreased along its northern edge, compared to the maximum known extent of NAPL (Figure 6). As shown on those two figures, the northern (upgradient) extent of LNAPL has decreased since the onset of the periodic LNAPL monitoring and recovery activities being conducted in this area. The extent of LNAPL in the area to the west of Building 51 in spring 2006 is unchanged.

GE has also monitored GMA 4 well GMA4-3, located across Plastics Avenue from well GMA3-13. No NAPL has ever been detected in that well. Other than the reduction in existence of LNAPL along the northern edge of the LNAPL area and occasional variations in LNAPL presence in well GMA3-13, the extent of LNAPL has remained relatively consistent for several years.

4.6.2 NAPL Monitoring and Recovery

As discussed in Section 2.4, approximately 33 gallons of LNAPL were recovered at GMA 3 in spring 2006. Of this total, approximately 25 gallons were removed by the automated skimmer system at well 51-21, and the remaining 12 gallons were manually recovered from other monitoring wells (see Table 5). For comparison, over the same time period in spring 2005, approximately 165 gallons of LNAPL were recovered at GMA 3 (approximately 151 gallons by the automated skimmer system at well 51-21, and approximately 14 gallons from other monitoring wells). Since 1997, approximately 1,145 gallons of LNAPL have been removed from GMA 3 as part of GE's NAPL monitoring and recovery program.

The amount of LNAPL recovered by the automated skimmer system in spring 2006 was significantly less than in spring 2005; however GE does not propose any modifications to the system at this time. GE will continue to evaluate its ongoing NAPL monitoring and recovery activities and may present a proposal to optimize its NAPL recovery efforts in future NAPL monitoring reports, as appropriate.

5. Proposed Groundwater and NAPL Monitoring Program Modifications

5.1 General

In fall 2005, GE initiated the interim groundwater monitoring program to be conducted until completion of the soil-related Removal Actions at the RAA that comprise GMA 3. Aside from completing baseline sampling events at certain locations that could not be sampled during every round of the initial two-year baseline monitoring program (which was accomplished), the interim monitoring program is designed to obtain additional data from locations where it is not yet clear whether the initial baseline groundwater quality results indicate that the well may require future monitoring in a long-term program.

This section contains a description of GE's proposed modifications to the interim groundwater quality monitoring program. These proposed modifications are of two general types. First, in response to the recent revisions to the MCP Method 1 Standards and UCLs for groundwater which became effective on April 3, 2006, GE has re-evaluated the historical data from all baseline monitoring program wells and proposed modifications to the interim monitoring program to address changes in the numerical standards. Second, GE has proposed modifications based on the results of the spring 2006 groundwater sampling event, which included five wells where the fourth round of baseline sampling was completed. In addition, a soil gas investigation (which includes a groundwater and NAPL sampling component) was proposed by GE in spring 2006 and initiated in August 2006 following EPA approval. The scope of that investigation is briefly summarized in Section 5.3 and the results will be submitted to EPA in a separate report and also incorporated in the next GMA 3 report, as appropriate.

5.2 Proposed Modifications to Interim Groundwater Quality Monitoring Program

As discussed above, in response to the new Method 1 numerical standards promulgated by MDEP for certain constituents, GE re-evaluated the results from the baseline monitoring program to determine if the new Performance Standards would alter the wells and/or parameters included in the interim monitoring program. GE has also reviewed the groundwater analytical data from the spring 2006 interim sampling event for results that would indicate the need to modify the interim monitoring program. The results of that data assessment and resulting proposed program modifications are discussed below. As discussed further below, GE proposes to continue sampling activities at 22 GMA 3 wells included in the ongoing natural attenuation monitoring program.

5.2.1 Interim Groundwater Quality Monitoring

In fall 2005, GE presented an evaluation of the baseline monitoring results from GMA 3 and proposed to retain certain wells for selected analyses in the interim monitoring program to provide additional data to assist in the determination of whether long-term monitoring would be necessary. Generally speaking, wells that contained constituent concentrations near the values of the Performance Standards (i.e., average concentration ranging from greater than 50% of an applicable MCP Method 1 Wave 2 Standard to slightly above the standard) were retained for interim monitoring. In addition, selected wells/analyses were added to the interim monitoring program if constituent concentrations exhibited an increasing trend during the course of baseline monitoring. Groundwater quality monitoring was proposed to be discontinued at locations where constituent concentrations were well below the applicable MCP Method 1 Standards and at locations where concentrations consistently exceeded the standards (except for wells included in GE's ongoing natural attenuation monitoring program), as it was apparent that such locations either would not or would be included in a long-term monitoring program.

In light of the recent revisions to the MCP that became effective on April 3, 2006, GE has repeated this evaluation, comparing all baseline and interim groundwater quality data to the new MCP Method 1 Standards. Utilizing the same inclusion criteria utilized in fall 2005 at GMA 3 (and at the other GMAs once their two-year baseline monitoring periods expired), GE's assessment indicated that certain baseline wells that were previously excluded from the interim monitoring program based on historical concentrations of certain constituents (i.e., carbon tetrachloride) that were below the levels of the previously-effective MCP Method 1 standards are now much closer to the MCP Method 1 standards such that interim monitoring is warranted to assess the need for inclusion of these locations in a long-term monitoring program.

For PCBs, the Method 1 standards are unchanged from prior values. Therefore, GE has continued to utilize the current MCP Method 1 standards for PCBs for its assessment of the spring 2006 data and also in its re-assessment of all baseline groundwater quality data collected to date, including data from the five wells where the fourth baseline sample set was collected in spring 2006 (which were not previously evaluated for interim monitoring needs).

Based on the above-mentioned comparisons, GE has identified three locations that should be added to the interim monitoring program. Specifically, GE proposes to:

- Add well 51-14 to the interim monitoring program for VOCs analysis. This addition is proposed due to the decrease in the MCP Method 1 GW-2 groundwater standard for carbon tetrachloride from 0.02 ppm to 0.002 ppm, which is slightly below the average carbon tetrachloride concentration observed at this well during the baseline monitoring program. Interim sampling for carbon tetrachloride had not been implemented at this location since baseline concentrations were consistently lower than the former GW-2 standard.

- Add wells 82B-R and 114B-R to the interim monitoring program for filtered PCB analysis. These addition are proposed due to average PCB concentrations slightly below the GW-3 Standard (i.e., greater than 50%) after the fourth baseline sampling round was completed in spring 2006.

- Although the average chlorobenzene concentration at well 6B-R is greater than the new MCP Method 1 GW-3 Standard (which increased from 0.5 ppm to 1 ppm), GE proposes to continue interim monitoring at this well to continue to assess an increase in chlorobenzene concentrations observed in fall 2005. Since chlorobenzene concentrations at well 78B-R have remained consistently above the new GW-3 standard, GE proposes to continue to defer additional monitoring at that location until a long-term monitoring program is implemented.

- The average chlorobenzene concentrations at wells 89B-R and 95B-R are also greater than the new MCP Method 1 GW-3 Standard, mainly due to elevated historical concentrations at these locations. However, since these wells are included in GE's natural attenuation monitoring program, GE proposes to continue to sample these wells for VOCs on an annual basis (in the spring), in conjunction with the natural attenuation monitoring program rather than to defer sampling to the long-term monitoring program.

The complete list of wells proposed for interim monitoring is provided in Table 11 and illustrated on Figure 8. Sampling at these four wells (6B-R, 51-14, 82B-R, and 114B-R) is proposed to be conducted on an annual basis, alternating between the spring and fall seasons. At well 114B-R, which is also included in GE's natural attenuation monitoring program, this proposed schedule only applies to interim sampling and analyses for PCBs. Samples for VOC and natural attenuation parameter analyses will continue to be collected each spring, as discussed below.

5.2.2 Natural Attenuation Monitoring

As discussed in Section 1.2.2 and shown on Figure 2, groundwater samples from 22 monitoring wells were collected in spring 2006 for analysis of certain constituents (i.e., natural attenuation parameters) to assess intrinsic and natural processes that may be influencing VOC concentrations in groundwater, including several wells that were also included in the baseline monitoring program as GW-2 or GW-3 monitoring points. GE plans to conduct the next round of natural attenuation sampling in spring 2007, in accordance with the current natural attenuation monitoring program protocols which call for sampling on an annual basis in the spring. No modifications to the natural attenuation monitoring program are proposed, other than the continued inclusion of wells 115A and 115B in the natural attenuation monitoring network. As shown on Figure 5, this well cluster, which was sampled in spring 2006 for the first time since 2000, will provide a downgradient monitoring location on the western side of Unkamet Brook.

5.3 Soil Gas Investigation

In response to a May 2, 2006 conditional approval letter issued by EPA concerning GE's previously-proposed method to evaluate LNAPL in the vicinity of Building 51, GE submitted a Soil Gas Investigation Work Plan to EPA on May 31, 2006. That plan, which was conditionally approved by EPA in a letter dated July 11, 2006, described activities to be conducted by GE to determine whether constituents related to the detected LNAPL near Building 51 are present within the shallow soil gas near Building 51. The approved activities included sampling and analysis of soil gas, groundwater, and LNAPL samples from three locations adjacent to Building 51. GE performed the sampling activities on August 7 and 8, 2006 and will submit a summary report following receipt and validation of the analytical results. Those results will also be provided in GE's monthly report on overall activities at the GE-Pittsfield/Housatonic River Site and incorporated in the Fall 2006 GMA 3 Report.

6. Schedule of Future Activities

6.1 General

This section addresses the schedule for future groundwater quality monitoring activities and reporting for GMA 3. This schedule assumes that the modifications to the interim groundwater monitoring program proposed in Section 5 will be implemented commencing with the spring 2007 natural attenuation sampling event.

6.2 Field Activities Schedule

As discussed in Section 5.3, GE has completed the field activities associated with the soil gas investigation near Building 51. The schedule for any follow-up activities (if needed) will be discussed in the separate report to be submitted for this investigation.

GE will continue its routine groundwater elevation and NAPL monitoring according to the current schedule approved by EPA. In accordance with the approved semi-annual monitoring schedule, the fall 2006 groundwater elevation monitoring and NAPL monitoring event is scheduled for October 2006. GE will conduct a NAPL bailing round approximately one to two weeks prior to the fall 2006 semi-annual NAPL monitoring event.

The next natural attenuation monitoring event (conducted each spring) is scheduled for April 2007. GE will sample 22 wells, analyzing for the VOCs and natural attenuation parameters listed in Table 11. Unlike the natural attenuation sampling, interim groundwater sampling activities alternate between the spring and fall seasons on an annual basis. Therefore, the next interim sampling event is scheduled for October 2007, when groundwater samples from will be collected and analyzed for the selected locations and constituents listed in Table 11.

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

6.3 Reporting Schedule

In accordance with the reporting schedule contained in EPA's July 11, 2006 letter, GE will submit a Soil Gas Investigation Summary Report by September 11, 2006. That report will include:

- A summary of work performed during the soil gas investigation;
- Data tables presenting validated laboratory analytical results for soil gas, groundwater and NAPL samples collected and analyzed during the investigation;
- Figure(s) showing the sampling locations and corresponding laboratory analytical results;
- Copies of the laboratory analytical data validation reports;
- An evaluation of the analytical results; and
- Recommendations for any additional assessment activities or response actions, if appropriate.

GE will submit a Fall 2006 Groundwater Elevation and NAPL Monitoring Report for GMA 3 by February 28, 2007, in accordance with the previously approved reporting schedule utilized during the baseline monitoring program. That report will primarily present the groundwater elevation monitoring results and NAPL monitoring and recovery data for the period of July 2006 through December 2006. It will also contain a summary of other activities related to groundwater quality and NAPL monitoring recovery conducted at GMA 3 during that time period and any proposals to modify those activities, if applicable.

GE will submit a Spring 2007 Natural Attenuation, Groundwater Elevation, and NAPL Monitoring Report for GMA 3 by August 31, 2007. That report will contain the spring 2007 results related to its natural attenuation monitoring activities and any proposals to modify those activities, if applicable. Also, that report will present the groundwater elevation monitoring results and NAPL monitoring and recovery data for the period of January 2007 through June 2007.

GE will also continue to provide the results of its ongoing groundwater monitoring activities and NAPL monitoring and recovery efforts in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

Tables

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TABLE 1
GROUNDWATER QUALITY MONITORING PROGRAM SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Comments
2A	Natural Attenuation	Annual (1)	See Note 4	
6B-R	GW-3 Perimeter	Annual (2)	VOC	
16A	Natural Attenuation	Annual (1)	See Note 4	
16B-R	GW-2 Sentinel/Natural Attenuation	Annual (1)	See Note 5	
16C-R	Natural Attenuation	Annual (1)	See Note 5	
39B-R	Natural Attenuation	Annual (1)	See Note 4	
39D-R	Natural Attenuation	Annual (1)	See Note 5	Replacement for well 39D.
39E	Natural Attenuation	Annual (1)	See Note 5	
43A	Natural Attenuation	Annual (1)	See Note 5	
43B	Natural Attenuation	Annual (1)	See Note 5	
54B-R	GW-3 Perimeter	Semi-Annual (3)	See Note 6	Fourth baseline sample set collected in spring 2006.
82B-R	GW-3 Perimeter	Semi-Annual (3)	See Note 6	Fourth baseline sample set collected in spring 2006.
89A	Natural Attenuation	Annual (1)	See Note 4	

TABLE 1
GROUNDWATER QUALITY MONITORING PROGRAM SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Comments
89B	GW-3 Perimeter/Natural Attenuation	Annual (1)	See Note 4	
89D-R	Natural Attenuation	Annual (1)	See Note 5	
90A	Natural Attenuation	Annual (1)	See Note 5	
90B	GW-3 Perimeter/Natural Attenuation	Annual (1)	See Note 5	
95A	Natural Attenuation	Annual (1)	See Note 4	
95B-R	GW-3 Perimeter/Natural Attenuation	Semi-Annual (1,3)	See Note 7	Fourth baseline sample set collected in spring 2006.
111A-R	Natural Attenuation	Annual (1)	See Note 5	
111B-R	GW-3 Perimeter/Natural Attenuation	Semi-Annual (1,3)	See Note 8	Fourth baseline sample set collected in spring 2006.
114A	Natural Attenuation	Annual (1)	See Note 5	
114B-R	GW-3 Perimeter/Natural Attenuation	Annual (1,3)	See Note 9	Additional PCB samples collected in spring 2006 to complete baseline data set.
115A	Natural Attenuation	Annual (1)	See Note 5	Well added to the natural attenuation monitoring program in spring 2006.
115B	Natural Attenuation	Annual (1)	See Note 5	Well added to the natural attenuation monitoring program in spring 2006.
GMA3-1	GW-3 Perimeter	None	None	Installation of this well has been deferred until re-routing of Unkamet Brook is completed.

TABLE 1
GROUNDWATER QUALITY MONITORING PROGRAM SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Comments

Notes:

1. Wells sampled under the natural attenuation monitoring program are sampled on an annual basis in the spring.
2. Well 6B-R, proposed for annual groundwater quality sampling, will be sampled for the listed parameters during the interim period between the completion of the baseline monitoring program and the initiation of a long-term monitoring program. The sampling schedule will alternate between the spring and fall seasons each year, beginning with spring 2006.
3. Wells included for additional sampling on a semi-annual basis until four sampling rounds are completed.
4. Samples analyzed for: VOCs, two SVOCs (2-chlorophenol and 4-chlorophenol), and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).
5. Samples analyzed for: VOCs and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).
6. Samples analyzed for: VOCs, SVOCs, Pesticides/Herbicides; PCBs (filtered & unfiltered samples); Dioxins/Furans; and Inorganics [metals(filtered & unfiltered samples), cyanide(filtered & unfiltered samples), & sulfide].
7. Samples analyzed for: VOCs, SVOCs (including 4-Chlorophenol), Pesticides/Herbicides, PCBs (filtered & unfiltered samples), Dioxins/Furans, Inorganics [metals(filtered & unfiltered samples), cyanide(filtered & unfiltered samples), & sulfide], and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).
8. Samples analyzed for: VOCs , SVOCs, PCBs (filtered & unfiltered samples), Dioxins/Furans, Inorganics [metals(filtered & unfiltered samples), cyanide(filtered & unfiltered samples), & sulfide], and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).
9. Samples analyzed for: VOCs, PCBs (filtered & unfiltered samples), and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).

TABLE 2
GROUNDWATER ELEVATION / NAPL MONITORING PROGRAM SUMMARY
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency (1)	Manual NAPL Removal Criteria (2)	Comments
GMA 3 Monitoring Wells			
2A	Semi-Annual	Any Recoverable	
6B-R	Semi-Annual	Any Recoverable	
16A	Semi-Annual	Any Recoverable	
16B-R	Semi-Annual	Any Recoverable	
16C-R	Semi-Annual	Any Recoverable	
39B-R	Semi-Annual	Any Recoverable	
39D-R	Semi-Annual	Any Recoverable	Well 39D-R installed as a replacement for well 39D.
39E	Semi-Annual	Any Recoverable	
43A	Semi-Annual	Any Recoverable	
43B	Semi-Annual	Any Recoverable	
50B	Semi-Annual	Any Recoverable	
51-05	Monthly	Standard Criteria	
51-06	Monthly	Standard Criteria	
51-07	Monthly	Standard Criteria	
51-08	Weekly	Standard Criteria	
51-09	Monthly	Standard Criteria	
51-11	Monthly	Standard Criteria	
51-12	Monthly	Standard Criteria	
51-13	Monthly	Standard Criteria	
51-14	Monthly	Standard Criteria	
51-15	Monthly	Standard Criteria	
51-16R	Monthly	Standard Criteria	
51-17	Monthly	Standard Criteria	
51-18	Monthly	Standard Criteria	

TABLE 2
GROUNDWATER ELEVATION / NAPL MONITORING PROGRAM SUMMARY
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency (1)	Manual NAPL Removal Criteria (2)	Comments
51-19	Monthly	Standard Criteria	
51-21	Quarterly	Any Recoverable	LNAPL skimmer present in well.
54B-R	Semi-Annual	Any Recoverable	
59-01	Monthly	Standard Criteria	
59-03R	Monthly	Standard Criteria	
59-07	Monthly	Standard Criteria	
78B-R	Semi-Annual	Any Recoverable	
82B-R	Semi-Annual	Any Recoverable	
89A	Semi-Annual	Any Recoverable	
89B	Semi-Annual	Any Recoverable	
89D-R	Semi-Annual	Any Recoverable	
90A	Semi-Annual	Any Recoverable	
90B	Semi-Annual	Any Recoverable	
95A	Semi-Annual	Any Recoverable	
95B-R	Semi-Annual	Any Recoverable	
111A-R	Semi-Annual	Any Recoverable	
111B-R	Semi-Annual	Any Recoverable	
114A	Semi-Annual	Any Recoverable	
114B-R	Semi-Annual	Any Recoverable	
115A	Semi-Annual	Any Recoverable	
115B	Semi-Annual	Any Recoverable	
GMA3-1	None	None	Installation of this well has been deferred until re-routing of Unkamet Brook is completed.
GMA3-2	Semi-Annual	Any Recoverable	
GMA3-3	Semi-Annual	Any Recoverable	
GMA3-4	Semi-Annual	Any Recoverable	

TABLE 2
GROUNDWATER ELEVATION / NAPL MONITORING PROGRAM SUMMARY
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency (1)	Manual NAPL Removal Criteria (2)	Comments
GMA3-5	Semi-Annual	Any Recoverable	
GMA3-6	Semi-Annual	Any Recoverable	
GMA3-7	Quarterly	Any Recoverable	Monitored in place of UB-PZ-1.
GMA3-8	Semi-Annual	Any Recoverable	
GMA3-9	Semi-Annual	Any Recoverable	
GMA3-10	Monthly	Standard Criteria	
GMA3-11	Monthly	Any Recoverable	
GMA3-12	Monthly	Standard Criteria	
GMA3-13	Weekly	Standard Criteria	
GMA3-14	Monthly	Any Recoverable	
GMA3-15	Quarterly	Any Recoverable	Monitored in place of UB-PZ-2.
OBG-2	Semi-Annual	Any Recoverable	
UB-MW-10	Monthly	Any Recoverable	
UB-PZ-3	Monthly	Any Recoverable	
GMA 4 Monitoring Well			
GMA4-3	Monthly	Any Recoverable	

TABLE 2
GROUNDWATER ELEVATION / NAPL MONITORING PROGRAM SUMMARY
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Frequency (1)	Manual NAPL Removal Criteria (2)	Comments
GMA 3 Staff Gauges			
GMA3-SG-1	Semi-Annual	Not Applicable	
GMA3-SG-2	Semi-Annual	Not Applicable	
GMA3-SG-3	Semi-Annual	Not Applicable	
GMA3-SG-4	Semi-Annual	Not Applicable	

Notes:

1. Monitoring consists of periodic depth to water and NAPL thickness measurements, if present and may also consist of manual removal of NAPL if a thickness greater than the well-specific criteria is observed during a monitoring event.
2. Standard LNAPL Removal Criteria: LNAPL is manually removed from a well with this designation if a thickness of greater than 0.25 feet is observed during a monitoring event. At other wells, any recoverable quantities of LNAPL will be removed (except at well 51-21, which is equipped with an automated skimmer).
3. Any NAPL observed during the bailing round conducted prior to the spring and fall semi-annual monitoring events is manually removed.
4. No NAPL is manually removed from any wells during the spring and fall semi-annual monitoring events, provided that NAPL was removed during the bailing round.
5. No NAPL is manually removed from any wells during non-routine data collection activities.

TABLE 3
MONITORING WELL CONSTRUCTION SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Survey Coordinates		Well Diameter (inches)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft bgs)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)	Average Depth to Groundwater (ft bgs)	Average Groundwater Elevation (ft AMSL)
	Northing	Easting									
2A	537005.10	138853.90	1.00	991.50	994.16	45.00	5.00	946.50	941.50	5.7	985.76
6B-R	537191.50	138910.00	2.00	991.40	993.62	2.00	10.00	989.40	979.40	4.8	986.58
16A	536730.50	139115.60	2.00	991.50	991.77	44.00	6.00	947.50	941.50	6.9	984.59
16B-R	536738.18	139076.37	2.00	991.80	994.87	3.08	10.00	988.72	978.72	6.1	985.68
16C-R	536734.00	139112.40	2.00	991.40	991.47	90.00	10.00	901.40	891.40	7.9	983.55
16E	536730.30	139112.70	1.00	991.40	992.14	144.00	6.00	847.40	841.40	7.2	984.18
34B	536293.70	138394.20	2.00	1,000.50	1,000.56	20.00	5.00	980.50	975.50	14.9	985.60
35B	536443.40	138525.40	2.00	998.03	997.36	18.00	5.00	980.03	975.03	12.6	985.40
39B-R	536938.60	138862.60	2.00	992.29	991.97	4.00	10.00	988.29	978.29	6.8	985.51
39D-R	536941.50	138854.80	2.00	992.30	994.73	55.00	10	937.30	927.30	6.4	985.96
39E	536932.10	138851.00	4.00	992.34	992.21	225.00	10.00	767.34	757.34	5.9	986.47
43A	538081.20	137905.90	1.00	991.90	993.79	45.00	5.00	946.90	941.90	5.2	986.70
43B	538081.20	137904.40	1.00	991.90	993.61	15.00	5.00	976.90	971.90	4.2	987.72
50B	538647.00	139106.20	2.00	989.72	991.72	8.50	5.00	981.22	976.22	1.0	988.69
51-05	536750.50	138335.60	2.00	996.91	996.44	5.00	10.00	991.91	981.91	10.6	986.34
51-06	536937.64	138194.32	2.00	997.57	997.36	5.00	10.00	992.57	982.57	10.9	986.64
51-07	536843.80	138244.60	2.00	997.26	997.08	5.00	10.00	992.26	982.26	10.6	986.62
51-08	536677.80	138317.00	2.00	997.39	997.08	5.00	10.00	992.39	982.39	11.3	986.12
51-09	536563.70	138370.30	2.00	997.76	997.70	5.00	10.00	992.76	982.76	10.1	987.64
51-11	536860.00	138774.50	2.00	994.62	994.37	5.00	10.00	989.62	979.62	8.7	985.89
51-12	536497.30	138518.50	2.00	996.83	996.55	5.00	10.00	991.83	981.83	7.5	989.30
51-13	536917.10	138579.80	2.00	997.68	997.65	5.00	10.00	992.68	982.68	10.2	987.52
51-14	536771.40	138502.60	2.00	996.93	996.77	5.00	10.00	991.93	981.93	10.7	986.25
51-15	536808.20	138306.30	2.00	996.68	996.43	5.00	10.00	991.68	981.68	10.4	986.29
51-16R	536830.20	138347.60	2.00	996.70	996.39	5.00	10.00	991.70	981.70	10.2	986.55
51-17	536769.90	138377.40	2.00	996.48	996.43	5.00	10.00	991.48	981.48	10.1	986.40
51-18	536902.90	138463.40	2.00	997.38	997.12	5.00	10.00	992.38	982.38	11.0	986.34
51-19	536823.20	138414.80	2.00	996.65	996.43	5.00	10.00	991.65	981.65	10.5	986.11
51-21	536767.70	138442.35	4.00	996.70*	1,001.49	5.00	10.00	991.70	981.70	10.5	986.24

TABLE 3
MONITORING WELL CONSTRUCTION SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Survey Coordinates		Well Diameter (inches)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft bgs)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)	Average Depth to Groundwater (ft bgs)	Average Groundwater Elevation (ft AMSL)
	Northing	Easting									
54B-R	537827.30	139113.60	2.00	989.00	991.49	3.00	10.00	986.00	976.00	2.3	986.66
59-01	536488.80	138238.60	2.00	997.78	996.72	4.00	20.00	993.78	973.78	10.9	986.89
59-03R	536501.00	138260.70	2.00	997.82	997.64	7.30	10.00	990.52	980.52	11.5	986.28
59-07	536517.40	138296.10	2.00	998.27	997.96	4.00	20.00	994.27	974.27	11.9	986.38
74B	537490.90	138374.90	1.00	996.05	995.54	15.00	5.00	981.05	976.05	8.1	987.97
78B-R	537551.80	138716.50	2.00	989.11	988.83	1.82	10.00	987.29	977.29	1.8	987.34
82B-R	536937.40	139621.60	2.00	987.80	989.90	2.00	10.00	985.80	975.80	2.6	985.21
89A	536030.80	139413.40	1.00	983.60	985.76	43.00	5.00	940.60	935.60	0.7	982.90
89B	536031.60	139411.70	2.00	983.10	986.03	4.00	3.00	979.10	976.10	-0.3	983.42
89D-R	536072.20	139434.90	2.00	984.40	987.11	67.50	10.00	916.90	906.90	1.6	982.82
90A	536254.90	139765.40	1.00	986.50	988.07	45.00	5.00	941.50	936.50	3.6	982.86
90B	536251.60	139761.00	2.00	986.50	989.10	8.00	3.00	978.50	975.50	4.0	982.53
95A	535822.10	139769.60	1.00	985.30	987.18	45.00	5.00	940.30	935.30	4.5	980.84
95B-R	535637.20	139722.30	2.00	984.30	986.24	3.00	10.00	981.30	971.30	3.6	980.65
95C	535823.20	139780.30	1.00	985.30	988.16	95.00	5.00	890.30	885.30	1.2	984.07
111A-R	535824.10	139087.80	2.00	995.10	997.35	40.00	10.00	955.10	945.10	11.4	983.71
111B-R	535828.40	139092.00	2.00	994.80	997.48	7.18	10.00	987.62	977.62	11.7	983.13
114A	535499.50	139775.20	1.00	983.20	986.16	45.00	5.00	938.20	933.20	3.7	979.52
114B-R	535503.90	139786.90	2.00	983.50	985.54	4.00	10.00	979.50	969.50	4.1	979.40
114C	535500.50	139792.80	1.00	983.70	986.68	88.00	5.00	895.70	890.70	3.8	979.91
115A	N/A	N/A	1.00	986.69	988.53	36.00	5.00	950.69	945.69	9.0	977.69
115B	N/A	N/A	1.00	988.25	990.90	11.00	5.00	977.25	972.25	8.8	979.49
115C	N/A	N/A	1.00	987.24	988.37	109.00	5.00	878.24	873.24	10.1	977.12
GMA3-2	536596.40	138956.60	2.00	992.25	991.94	5.19	10.00	987.06	977.06	7.9	984.31
GMA3-3	538094.20	138178.20	2.00	990.86	990.45	2.00	10.00	988.86	978.86	2.1	988.77
GMA3-4	537044.70	138021.80	2.00	994.94	994.60	3.57	10.00	991.37	981.37	7.6	987.37
GMA3-5	537323.20	139766.90	2.00	991.50	993.67	4.00	10.00	987.50	977.50	5.5	986.01
GMA3-6	537021.50	138342.30	2.00	997.74	997.49	8.00	10.00	989.74	979.74	11.6	986.17
GMA3-7	536291.70	138397.40	2.00	1000.45	1000.17	10.00	10.00	990.45	980.45	13.8	986.63

TABLE 3
MONITORING WELL CONSTRUCTION SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Survey Coordinates		Well Diameter (inches)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft bgs)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)	Average Depth to Groundwater (ft bgs)	Average Groundwater Elevation (ft AMSL)
	Northing	Easting									
GMA3-8	536339.60	138899.10	2.00	994.50	996.24	5.00	10.00	989.50	979.50	8.7	985.85
GMA3-9	537383.20	138385.60	2.00	992.90	992.39	3.00	10.00	989.90	979.90	5.1	987.83
GMA3-10	536659.10	138056.40	2.00	997.78	997.54	9.00	10.00	988.78	978.78	10.8	986.98
GMA3-11	536353.70	138147.90	2.00	997.78	997.25	9.00	10.00	988.78	978.78	10.6	987.22
GMA3-12	536469.20	138169.70	4.00	998.04	997.84	7.00	15.00	991.04	976.04	11.2	986.88
GMA3-13	536534.30	138035.90	2.00	998.00	997.73	8.06	10.00	989.94	979.94	11.1	986.92
GMA3-14	536710.30	137953.20	2.00	997.66	997.42	7.25	10.00	990.41	980.41	10.7	986.97
GMA3-15	536710.30	137953.20	2.00	994.60	996.74	6.00	10.00	988.60	978.60	9.1	985.49
OBG-2	537209.10	139475.80	3.00	992.24	992.20	3.00	11.40	989.24	977.84	5.1	987.14

TABLE 4
GROUNDWATER ELEVATION DATA - SPRING 2006
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Overall Average Groundwater (ft AMSL)	Average Spring Groundwater (ft AMSL)	Spring 2006 Groundwater (ft AMSL)	Spring 2006 LNAPL Thickness (ft)
Monitoring Wells Screened at Water Table				
6B-R	986.58	987.28	987.27	0.00
16B-R	985.68	986.03	986.01	0.00
39B-R	985.51	986.09	986.08	0.00
43B	987.72	987.81	987.95	0.00
50B	988.69	989.04	988.99	0.00
51-05	986.34	986.55	986.51	0.06
51-06	986.64	986.96	986.99	0.00
51-07	986.62	986.76	986.67	0.00
51-08	986.12	986.56	986.49	0.04
51-09	987.64	988.11	987.25	0.00
51-11	985.89	986.78	986.66	0.00
51-12	989.30	989.56	989.15	0.00
51-13	987.52	987.52	<987.4	0.00
51-14	986.25	986.53	986.41	0.00
51-15	986.29	986.62	986.49	0.02
51-16R	986.55	986.69	986.54	0.07
51-17	986.40	986.75	986.68	0.67
51-18	986.34	986.60	986.58	0.00
51-19	986.11	986.53	986.39	0.27
51-21	986.24	986.30	986.49	<0.01
54B-R	986.66	987.13	987.30	0.00
59-01	986.89	986.80	986.57	0.00
59-03R	986.28	986.57	986.56	0.92
59-07	986.38	986.69	986.68	0.02
78B-R	987.34	987.56	987.70	0.00
82B-R	985.21	986.31	986.23	0.00
89B	983.42	983.11	983.28	0.00
90B	982.53	982.98	983.11	0.00
95B-R	980.65	980.80	980.81	0.00
111B-R	983.13	983.55	983.70	0.00
114B-R	979.40	979.39	979.74	0.00
115B	979.49	979.53	979.82	0.00
GMA3-2	984.31	984.86	985.16	0.00
GMA3-3	988.77	989.83	989.71	0.00
GMA3-4	987.37	988.00	988.32	0.00
GMA3-5	986.01	986.43	986.00	0.00
GMA3-6	986.17	985.91	981.26	0.00
GMA3-7	986.63	987.28	986.91	0.00
GMA3-8	985.85	986.81	986.15	0.00
GMA3-9	987.83	988.16	988.48	0.00
GMA3-10	986.98	987.28	986.69	0.42
GMA3-11	987.22	987.52	987.13	0.00
GMA3-12	986.88	987.06	986.64	0.35
GMA3-13	986.92	987.13	986.70	0.12
GMA3-14	986.97	987.24	986.80	0.00
GMA3-15	985.49	985.88	985.88	0.00
GMA4-3	986.71	986.71	986.69	0.00
OBG-2	987.14	987.59	987.52	0.00
UB-MW-10	986.41	986.66	986.76	0.00

TABLE 4
GROUNDWATER ELEVATION DATA - SPRING 2006
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Overall Average Groundwater (ft AMSL)	Average Spring Groundwater (ft AMSL)	Spring 2006 Groundwater (ft AMSL)	Spring 2006 LNAPL Thickness (ft)
UB-PZ-3	986.30	986.54	986.48	0.25
Monitoring Wells Screened Below Water Table				
2A	985.76	986.58	986.47	0.00
16A	984.59	985.36	985.36	0.00
16C-R	983.55	985.05	985.65	0.00
39D-R	986.35	986.93	986.35	0.00
39E	986.47	986.93	987.10	0.00
43A	986.70	987.51	988.49	0.00
89A	982.90	983.52	983.32	0.00
89D-R	982.82	985.32	983.46	0.00
90A	982.86	983.96	983.22	0.00
95A	980.84	981.83	980.95	0.00
111A-R	983.71	979.23	984.07	0.00
114A	979.52	975.51	978.73	0.00
115A	977.69	980.62	980.62	0.00
GMA 3 Staff Gauges				
GMA3-SG-2	NA	NA	982.99	NA
GMA3-SG-3	NA	NA	991.14	NA
GMA3-SG-4	NA	NA	990.27	NA

NOTES:

1. Groundwater elevation/NAPL thickness data collected between April 11 through April 13, 2006.
2. ft AMSL - Feet Above Mean Sea Level
3. Groundwater elevations denoted <## indicate that the well was dry on the date measured and the referenced elevation represents the base of well elevation.
4. Average groundwater elevations based on available seasonal groundwater elevation data since 2000.
5. The marking for surface water staff gauge GMA3-SG-1 was unable to be located in April 2006

TABLE 5
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			LNAPL Recovery [6]	
			Minimum (Feet BMP)	Maximum (Feet BMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Liters)	LNAPL Recovery (Gallons)
GMA3 Monitoring Wells									
2A	3	994.16	7.69	13.19	0	--	--	0.00	0.00
6B-R	3	993.62	6.35	7.25	0	--	--	0.00	0.00
16A	3	991.77	5.88	6.96	0	--	--	0.00	0.00
16B-R	3	994.87	8.55	9.13	0	--	--	0.00	0.00
16C-R	5	993.23	7.44	12.86	0	--	--	0.00	0.00
39B-R	3	991.97	5.89	11.35	0	--	--	0.00	0.00
39D-R	3	994.73	8.38	9.84	0	--	--	0.00	0.00
39E	3	992.21	4.35	5.36	0	--	--	0.00	0.00
43A	3	993.79	5.30	10.99	0	--	--	0.00	0.00
43B	3	993.61	4.43	5.85	0	--	--	0.00	0.00
50B	2	991.76	2.12	2.77	0	--	--	0.00	0.00
51-05	6	996.44	9.07	10.78	4	0.03	0.07	0.019	0.01
51-06	6	997.36	9.31	10.58	0	--	--	0.00	0.00
51-07	3	997.08	10.30	10.60	0	--	--	0.00	0.00
51-08	26	997.08	9.30	11.10	26	0.01	0.33	0.506	0.13
51-09	5	997.70	9.44	10.88	0	--	--	0.00	0.00
51-11	5	994.37	7.10	12.6	0	--	--	0.00	0.00
51-12	5	996.55	6.54	7.50	0	--	--	0.00	0.00
51-13	5	997.42	DRY	DRY	0	--	--	0.00	0.00
51-14	5	996.77	9.26	10.65	0	--	--	0.00	0.00
51-15	6	996.43	8.72	10.10	4	0.02	0.06	0.031	0.01

TABLE 5
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			LNAPL Recovery [6]	
			Minimum (Feet BMP)	Maximum (Feet BMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Liters)	LNAPL Recovery (Gallons)
51-16R	6	996.39	9.05	10.30	5	0.07	0.33	0.204	0.05
51-17	6	996.43	8.80	11.00	6	0.08	1.20	2.15	0.57
51-18	5	997.12	9.53	10.72	0	--	--	0.00	0.00
51-19	5	996.43	9.41	10.82	4	0.00	0.66	0.70	0.18
51-21	26	1001.49	13.01	15.30	25	< 0.01	< 0.01	94.35	24.92
54B-R	4	991.49	3.88	4.32	0	--	--	0.00	0.00
59-01	5	997.52	9.96	11.10	2	0.01	0.01	0.00	0.00
59-03R	6	997.64	10.68	12.15	6	0.38	1.11	2.23	0.59
59-07	6	997.96	10.31	11.46	6	0.01	0.02	0.012	0.003
78B-R	2	988.83	1.00	1.13	0	--	--	0.00	0.00
82B-R	3	989.90	3.10	3.67	0	--	--	0.00	0.00
89A	3	985.76	0.75	2.69	0	--	--	0.00	0.00
89B	3	986.03	1.14	2.96	0	--	--	0.00	0.00
89D-R	3	987.11	1.79	4.12	0	--	--	0.00	0.00
90A	3	988.07	4.11	4.85	0	--	--	0.00	0.00
90B	3	989.10	4.86	5.99	0	--	--	0.00	0.00
95A	3	987.18	5.35	6.60	0	--	--	0.00	0.00
95B-R	4	986.24	4.45	5.65	0	--	--	0.00	0.00
111A-R	3	997.35	13.28	18.12	0	--	--	0.00	0.00
111B-R	3	997.48	13.66	18.89	0	--	--	0.00	0.00
114A	3	986.16	6.34	10.65	0	--	--	0.00	0.00
114B-R	3	985.54	4.83	6.03	0	--	--	0.00	0.00

TABLE 5
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			LNAPL Recovery [6]	
			Minimum (Feet BMP)	Maximum (Feet BMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Liters)	LNAPL Recovery (Gallons)
115A	3	988.53	7.91	13.78	0	--	--	0.00	0.00
115B	3	990.90	11.00	11.25	0	--	--	0.00	0.00
116C	1	988.37	11.25	11.25	0	--	--	0.00	0.00
GMA3-2	2	991.94	6.78	11.92	0	--	--	0.00	0.00
GMA3-3	2	990.45	0.74	1.10	0	--	--	0.00	0.00
GMA3-4	2	994.60	6.28	12.26	0	--	--	0.00	0.00
GMA3-5	2	993.67	6.28	7.67	0	--	--	0.00	0.00
GMA3-6	2	997.49	15.45	16.23	0	--	--	0.00	0.00
GMA3-7	4	1000.17	13.11	18.39	0	--	--	0.00	0.00
GMA3-8	2	996.24	10.09	14.82	0	--	--	0.00	0.00
GMA3-9	2	992.39	3.39	3.91	0	--	--	0.00	0.00
GMA3-10	26	997.54	9.80	11.45	26	0.14	0.70	4.60	1.22
GMA3-11	4	997.25	9.35	10.26	0	--	--	0.00	0.00
GMA3-12	26	997.84	10.20	11.75	26	0.10	0.60	10.10	2.67
GMA3-13	26	997.73	10.65	11.66	26	0.03	1.51	8.68	2.29
GMA3-14	5	997.42	9.45	9.55	0	--	--	0.00	0.00
GMA3-15	4	996.74	10.56	11.25	0	--	--	0.00	0.00
OBG-2	2	992.20	3.69	4.68	0	--	--	0.00	0.00
UB-MW-10	5	995.99	8.32	9.51	0	--	--	0.00	0.00
UB-PZ-3	6	998.15	10.75	12.22	6	0.12	0.60	0.41	0.11

TABLE 5
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA SUMMARY

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			LNAPL Recovery [6]	
			Minimum (Feet BMP)	Maximum (Feet BMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Liters)	LNAPL Recovery (Gallons)
GMA4 Monitoring Well (Adjacent to GMA3)									
GMA4-3	5	1,003.95	10.14	17.30	0	--	--	0.000	0.00

Total amount of LNAPL Recovered - January 2006 through June 2006: 123.99 liters
32.76 gallons

NOTES

1. --- indicates LNAPL was not present in a measurable quantity
2. NA indicates information not available.
3. DRY - Indicates that groundwater was not present in the well at the time measurements were conducted.
4. ft BMP = Feet Below Measuring Point
5. ft AMSL = Feet Above Mean Sea Level
6. LNAPL was recovered via an automated skimmer at well 51-21 and was manually removed from the remaining wells.

TABLE 6
FIELD PARAMETER MEASUREMENTS - SPRING 2006

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Turbidity (NTU)	Temperature (degrees Celsius)	pH (standard units)	Specific Conductivity (mS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
2A	1.0	11.75	8.29	0.405	-179.9	0.50
6B-R	2.0	8.64	11.37	0.409	90.9	217.92
16A	22.0	12.65	11.76	6.190	-187.2	0.40
16B-R	7.0	11.83	6.87	2.342	-190.0	1.42
16C-R[8]	23.0	10.61	11.63	0.225	119.4	1.45
39B-R	1.0	10.20	7.68	1.825	-113.9	0.81
39D-R	17.0	11.68	7.92	0.435	-80.1	0.54
39E	3.0	11.70	8.39	0.165	-140.0	0.63
43A	10.0	12.87	7.42	0.446	-304.8	0.32
43B	22.0	11.77	6.88	1.182	-199.6	0.41
54B-R[7,10]	3.0	9.53	8.07	0.681	-118.6	1.27
82B-R[10]	3.0	6.85	6.05	0.533	-79.0	1.29
89A	24.0	9.18	7.50	1.002	-183.1	1.20
89B	6.0	9.87	6.93	0.790	-121.7	0.74
89D-R	8.0	8.87	7.82	2.994	169.7	1.02
90A	3.0	8.44	6.93	0.367	-276.0	1.19
90B	1.0	6.65	6.29	0.297	-78.1	1.64
95A	2.0	12.42	7.97	0.262	-159.7	1.78
95B-R[9]	2.0	7.65	7.14	0.650	-92.9	2.60

TABLE 6
FIELD PARAMETER MEASUREMENTS - SPRING 2006

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Turbidity (NTU)	Temperature (degrees Celsius)	pH (standard units)	Specific Conductivity (mS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)
111A-R	3.0	10.93	7.64	0.745	-58.9	3.38
111B-R	5.0	10.50	7.65	0.716	109.3	8.28
114A	17.0	11.80	7.84	0.255	-235.2	1.35
114B-R	6.0	12.24	6.68	0.912	-27.7	0.99
115A	3.0	9.66	7.27	0.312	-236.4	0.60
115B	1.0	9.28	6.40	0.562	107.6	1.58

Notes:

1. Measurements collected during spring 2006 GMA 3 baseline monitoring program sampling activities conducted between April 19 and May 10, 2006.
2. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
3. NTU - Nephelometric Turbidity Units
4. mS/cm - Millisiemens per centimeter
5. mV - Millivolts
6. mg/L - Milligrams per liter (ppm)
7. Well became dry prior to collection of groundwater samples for all analyses. Remaining groundwater samples were collected following recharge of well. The listed field parameter data was collected during the initial purge round.
8. Select sample parameters were lost during shipment. Well resampled for methane, ethane, and ethene on May 31, 2006. The listed field parameter data was collected during the initial purge round.
9. Select sample parameters were lost during shipment. Well resampled for dioxin/furans, methane, ethane, and ethene on May 31, 2006. The listed field parameter data was collected during the initial purge round.
10. Select sample parameters were lost during shipment. Well resampled for dioxin/furans on June 1, 2006. The listed field parameter data was collected during the initial purge round.

TABLE 7
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-2 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-2 Standards	16B-R 04/20/06
Volatile Organics		
Benzene	2	0.012 J
Chlorobenzene	0.2	0.051 J
Total VOCs	5	0.063 J
Semivolatile Organics		
None Detected	--	--

Notes:
1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents and Natural Attenuation Parameters.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Only detected volatile and semivolatile are summarized.
6. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	6B-R 04/19/06	54B-R 4/26-6/1/2006	82B-R 4/26/-6/1/2006
Volatile Organics				
Benzene	10	0.099	ND(0.0050)	ND(0.0050)
Chlorobenzene	1	0.073	ND(0.0050)	ND(0.0050)
Toluene	4	0.0019 J	ND(0.0050)	0.0040 J
Vinyl Chloride	50	ND(0.0020)	ND(0.0020)	ND(0.0020)
PCBs-Unfiltered				
Aroclor-1254	Not Applicable	NA	0.00017	0.00029
Total PCBs	Not Applicable	NA	0.00017	0.00029
PCBs-Filtered				
Aroclor-1254	Not Listed	NA	0.00019	0.00024
Total PCBs	0.0003	NA	0.00019	0.00024
Semivolatile Organics				
1,4-Dichlorobenzene	8	NA	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
None Detected	--	NA	--	--
Organophosphate Pesticides				
None Detected	--	NA	--	--
Herbicides				
None Detected	--	NA	--	--
Furans				
2,3,7,8-TCDF	Not Listed	NA	ND(0.0000000016)	ND(0.00000000067)
TCDFs (total)	Not Listed	NA	ND(0.0000000016)	ND(0.00000000067)
1,2,3,7,8-PeCDF	Not Listed	NA	ND(0.0000000024)	0.00000000048 J
2,3,4,7,8-PeCDF	Not Listed	NA	ND(0.0000000010) X	ND(0.0000000010) X
PeCDFs (total)	Not Listed	NA	0.0000000012	0.0000000011
1,2,3,4,7,8-HxCDF	Not Listed	NA	0.0000000013 J	0.0000000014 J
1,2,3,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000024)	ND(0.00000000080) X
1,2,3,7,8,9-HxCDF	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
2,3,4,6,7,8-HxCDF	Not Listed	NA	ND(0.0000000024)	ND(0.00000000056) X
HxCDFs (total)	Not Listed	NA	0.0000000027	0.0000000014
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	0.0000000021 J	0.0000000014 J
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
HpCDFs (total)	Not Listed	NA	0.0000000035	0.0000000014
OCDF	Not Listed	NA	0.0000000055 J	0.0000000029 J
Dioxins				
2,3,7,8-TCDD	Not Listed	NA	ND(0.0000000012)	ND(0.00000000060)
TCDDs (total)	Not Listed	NA	ND(0.0000000012)	ND(0.00000000060)
1,2,3,7,8-PeCDD	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
PeCDDs (total)	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
1,2,3,4,7,8-HxCDD	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
1,2,3,6,7,8-HxCDD	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
1,2,3,7,8,9-HxCDD	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
HxCDDs (total)	Not Listed	NA	ND(0.0000000024)	ND(0.0000000025)
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	ND(0.0000000024)	0.0000000019 J
HpCDDs (total)	Not Listed	NA	ND(0.0000000024)	0.0000000031
OCDD	Not Listed	NA	0.000000012 J	0.000000015 J
Total TEQs (WHO TEFs)	0.0000001	NA	0.0000000030	0.0000000026
Inorganics-Unfiltered				
Antimony	Not Applicable	NA	ND(0.0600)	0.0120 B
Arsenic	Not Applicable	NA	0.00510 B	ND(0.0100)
Barium	Not Applicable	NA	0.200	0.0630 B
Cadmium	Not Applicable	NA	ND(0.00500)	ND(0.00500)
Chromium	Not Applicable	NA	0.00120 B	0.00110 B
Cobalt	Not Applicable	NA	0.00130 B	0.000990 B
Copper	Not Applicable	NA	ND(0.0250)	ND(0.0250)
Lead	Not Applicable	NA	ND(0.00500)	ND(0.00500)
Nickel	Not Applicable	NA	0.00280 B	ND(0.0400)
Selenium	Not Applicable	NA	0.00400 B	ND(0.00500) J
Sulfide	Not Applicable	NA	4.80 B	ND(5.00)
Tin	Not Applicable	NA	ND(0.0300)	ND(0.0300)
Zinc	Not Applicable	NA	ND(0.0200)	ND(0.0200) J

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	6B-R 04/19/06	54B-R 4/26-6/1/2006	82B-R 4/26/-6/1/2006
Inorganics-Filtered				
Antimony	8	NA	ND(0.0600)	ND(0.0600)
Arsenic	0.9	NA	ND(0.0100)	ND(0.0100)
Barium	50	NA	0.0980 B	0.0490 B
Cadmium	0.004	NA	ND(0.00500)	ND(0.00500)
Chromium	0.3	NA	ND(0.0100)	ND(0.0100)
Cobalt	Not Listed	NA	ND(0.0500)	ND(0.0500)
Copper	Not Listed	NA	0.00160 B	ND(0.0250)
Lead	0.01	NA	ND(0.00500)	ND(0.00500)
Nickel	0.2	NA	0.00200 B	ND(0.0400)
Selenium	0.1	NA	ND(0.00500)	ND(0.00500)
Tin	Not Listed	NA	ND(0.0300)	ND(0.0300)
Zinc	0.9	NA	0.00540 B	ND(0.0200) J
Natural Attenuation Parameters				
Alkalinity (Total)	Not Listed	NA	NA	NA
Chloride	Not Listed	NA	NA	NA
Dissolved Iron	Not Listed	NA	NA	NA
Dissolved Organic Carbon	Not Listed	NA	NA	NA
Methane	Not Listed	NA	NA	NA
Nitrate Nitrogen	Not Listed	NA	NA	NA
Sulfate (turbidimetric)	Not Listed	NA	NA	NA

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	89B 05/02/06	90B 04/25/06	95B-R 4/26-5/31/2006
Volatile Organics				
Benzene	10	0.017	ND(0.0050)	0.0031 J [0.0030 J]
Chlorobenzene	1	0.15	ND(0.0050)	0.073 [0.074]
Toluene	4	0.0067 J	0.0028 J	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	50	ND(0.010)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
PCBs-Unfiltered				
Aroclor-1254	Not Applicable	NA	NA	0.00024 [0.000044 J]
Total PCBs	Not Applicable	NA	NA	0.00024 [0.000044 J]
PCBs-Filtered				
Aroclor-1254	Not Listed	NA	NA	0.00011 [0.000083]
Total PCBs	0.0003	NA	NA	0.00011 [0.000083]
Semivolatile Organics				
1,4-Dichlorobenzene	8	NA	NA	0.0025 J [0.0023 J]
Organochlorine Pesticides				
None Detected	--	NA	NA	--
Organophosphate Pesticides				
None Detected	--	NA	NA	--
Herbicides				
None Detected	--	NA	NA	--
Furans				
2,3,7,8-TCDF	Not Listed	NA	NA	ND(0.0000000012) [ND(0.0000000011)]
TCDFs (total)	Not Listed	NA	NA	ND(0.0000000012) [ND(0.0000000011)]
1,2,3,7,8-PeCDF	Not Listed	NA	NA	0.00000000092 J [ND(0.0000000024)]
2,3,4,7,8-PeCDF	Not Listed	NA	NA	0.0000000017 J [ND(0.0000000024)]
PeCDFs (total)	Not Listed	NA	NA	ND(0.0000000024) [ND(0.0000000024)]
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	0.0000000026 J [ND(0.0000000024)]
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	0.0000000019 J [ND(0.0000000024)]
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	0.0000000011 J [ND(0.0000000024)]
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	0.0000000013 J [ND(0.0000000024)]
HxCDFs (total)	Not Listed	NA	NA	0.000000023 J [ND(0.0000000024) J]
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	0.000000025 J [0.0000000073 J]
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	0.0000000014 J [ND(0.0000000024)]
HpCDFs (total)	Not Listed	NA	NA	0.000000044 [0.0000000073]
OCDF	Not Listed	NA	NA	0.000000018 J [0.000000048 J]
Dioxins				
2,3,7,8-TCDD	Not Listed	NA	NA	ND(0.0000000010) [ND(0.0000000010)]
TCDDs (total)	Not Listed	NA	NA	ND(0.0000000010) [ND(0.0000000010)]
1,2,3,7,8-PeCDD	Not Listed	NA	NA	0.00000000083 J [ND(0.0000000024)]
PeCDDs (total)	Not Listed	NA	NA	ND(0.0000000024) [ND(0.0000000024)]
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	0.00000000079 J [ND(0.0000000024)]
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	0.0000000010 J [ND(0.0000000024)]
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	0.0000000010 J [ND(0.0000000024)]
HxCDDs (total)	Not Listed	NA	NA	ND(0.0000000024) [ND(0.0000000024)]
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	0.0000000034 J [ND(0.0000000024)]
HpCDDs (total)	Not Listed	NA	NA	0.0000000058 [ND(0.0000000024)]
OCDD	Not Listed	NA	NA	0.000000017 J [0.0000000058 J]
Total TEQs (WHO TEFs)	0.0000001	NA	NA	0.0000000035 [0.0000000034]
Inorganics-Unfiltered				
Antimony	Not Applicable	NA	NA	ND(0.0600) [ND(0.0600)]
Arsenic	Not Applicable	NA	NA	ND(0.0100) [ND(0.0100)]
Barium	Not Applicable	NA	NA	0.0780 B [0.0780 B]
Cadmium	Not Applicable	NA	NA	ND(0.00500) [ND(0.00500)]
Chromium	Not Applicable	NA	NA	0.000840 B [ND(0.0100)]
Cobalt	Not Applicable	NA	NA	ND(0.0500) [ND(0.0500)]
Copper	Not Applicable	NA	NA	ND(0.0250) [ND(0.0250)]
Lead	Not Applicable	NA	NA	0.00140 B [ND(0.00500)]
Nickel	Not Applicable	NA	NA	ND(0.0400) [ND(0.0400)]
Selenium	Not Applicable	NA	NA	ND(0.00500) J [ND(0.00500) J]
Sulfide	Not Applicable	NA	NA	2.40 B [ND(5.00)]
Tin	Not Applicable	NA	NA	0.0320 [ND(0.0300)]
Zinc	Not Applicable	NA	NA	ND(0.0200) J [ND(0.0200) J]

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	89B 05/02/06	90B 04/25/06	95B-R 4/26-5/31/2006
Inorganics-Filtered				
Antimony	8	NA	NA	ND(0.0600) [ND(0.0600)]
Arsenic	0.9	NA	NA	ND(0.0100) [ND(0.0100)]
Barium	50	NA	NA	0.0710 B [0.0710 B]
Cadmium	0.004	NA	NA	ND(0.00500) [ND(0.00500)]
Chromium	0.3	NA	NA	ND(0.0100) [ND(0.0100)]
Cobalt	Not Listed	NA	NA	ND(0.0500) [ND(0.0500)]
Copper	Not Listed	NA	NA	ND(0.0250) [ND(0.0250)]
Lead	0.01	NA	NA	ND(0.00500) [ND(0.00500)]
Nickel	0.2	NA	NA	ND(0.0400) [ND(0.0400)]
Selenium	0.1	NA	NA	ND(0.00500) [ND(0.00500)]
Tin	Not Listed	NA	NA	ND(0.0300) [ND(0.0300)]
Zinc	0.9	NA	NA	0.0110 J [ND(0.0200) J]
Natural Attenuation Parameters				
Alkalinity (Total)	Not Listed	200	130	180 [190]
Chloride	Not Listed	110	5.8	87 [83]
Dissolved Iron	Not Listed	1.90	5.10	0.510 [0.490]
Dissolved Organic Carbon	Not Listed	4.60	6.10	3.80 [4.00]
Methane	Not Listed	2.70	0.0900	2.46 [2.71]
Nitrate Nitrogen	Not Listed	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Sulfate (turbidimetric)	Not Listed	ND(5.00)	6.80	ND(5.00) [ND(5.00)]

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	111B-R 04/25/06	114B-R 04/20/06
Volatile Organics			
Benzene	10	ND(0.0050)	0.021 J
Chlorobenzene	1	ND(0.0050)	0.29
Toluene	4	ND(0.0050)	ND(0.050)
Vinyl Chloride	50	ND(0.0020)	0.013 J
PCBs-Unfiltered			
Aroclor-1254	Not Applicable	ND(0.000065)	0.00040
Total PCBs	Not Applicable	ND(0.000065)	0.00040
PCBs-Filtered			
Aroclor-1254	Not Listed	ND(0.000065)	0.00087
Total PCBs	0.0003	ND(0.000065)	0.00087
Semivolatile Organics			
1,4-Dichlorobenzene	8	0.0013 J	NA
Organochlorine Pesticides			
None Detected	--	NA	NA
Organophosphate Pesticides			
None Detected	--	NA	NA
Herbicides			
None Detected	--	NA	NA
Furans			
2,3,7,8-TCDF	Not Listed	ND(0.0000000040)	NA
TCDFs (total)	Not Listed	ND(0.0000000077)	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000056)	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000055)	NA
PeCDFs (total)	Not Listed	ND(0.0000000056)	NA
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000064)	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000056)	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000076)	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000063)	NA
HxCDFs (total)	Not Listed	ND(0.0000000064)	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.0000000069)	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000089)	NA
HpCDFs (total)	Not Listed	ND(0.0000000077)	NA
OCDF	Not Listed	ND(0.000000014)	NA
Dioxins			
2,3,7,8-TCDD	Not Listed	ND(0.0000000038)	NA
TCDDs (total)	Not Listed	ND(0.000000010)	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000048)	NA
PeCDDs (total)	Not Listed	ND(0.000000011)	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000065)	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000060)	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000065)	NA
HxCDDs (total)	Not Listed	ND(0.0000000094)	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000076)	NA
HpCDDs (total)	Not Listed	ND(0.000000011)	NA
OCDD	Not Listed	ND(0.000000020)	NA
Total TEQs (WHO TEFs)	0.0000001	0.0000000084	NA
Inorganics-Unfiltered			
Antimony	Not Applicable	ND(0.0600)	NA
Arsenic	Not Applicable	ND(0.0100)	NA
Barium	Not Applicable	0.0360 B	NA
Cadmium	Not Applicable	0.000630 B	NA
Chromium	Not Applicable	0.00120 B	NA
Cobalt	Not Applicable	0.00160 B	NA
Copper	Not Applicable	0.00220 B	NA
Lead	Not Applicable	ND(0.00500)	NA
Nickel	Not Applicable	0.00540 B	NA
Selenium	Not Applicable	ND(0.00500) J	NA
Sulfide	Not Applicable	2.40 B	NA
Tin	Not Applicable	ND(0.0300)	NA
Zinc	Not Applicable	ND(0.0260) J	NA

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	Method 1 GW-3 Standards	111B-R 04/25/06	114B-R 04/20/06
Inorganics-Filtered			
Antimony	8	ND(0.0600)	NA
Arsenic	0.9	ND(0.0100)	NA
Barium	50	0.0370 B	NA
Cadmium	0.004	ND(0.00500)	NA
Chromium	0.3	0.000760 B	NA
Cobalt	Not Listed	0.00160 B	NA
Copper	Not Listed	ND(0.0250)	NA
Lead	0.01	ND(0.00500)	NA
Nickel	0.2	0.00560 B	NA
Selenium	0.1	ND(0.00500)	NA
Tin	Not Listed	ND(0.0300)	NA
Zinc	0.9	0.0240 J	NA
Natural Attenuation Parameters			
Alkalinity (Total)	Not Listed	87.0	270
Chloride	Not Listed	8.8	110
Dissolved Iron	Not Listed	ND(0.100)	ND(0.100)
Dissolved Organic Carbon	Not Listed	1.20	2.20
Methane	Not Listed	ND(0.00720)	0.140
Nitrate Nitrogen	Not Listed	6.30	ND(0.100)
Sulfate (turbidimetric)	Not Listed	170	9.70

TABLE 8
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP METHOD 1 GW-3 STANDARDS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents and Natural Attenuation Parameters.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
7. Field duplicate sample results are presented in brackets.
8. - Indicates that all constituents for the parameter group were not detected.
9. Shading indicates that value exceeds GW-3 Standards.

Data Qualifiers:

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

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

Inorganics and Natural Attenuation Parameters

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

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006
Volatile Organics						
Benzene	100	34	0.099	14	0.012 J	ND(0.0050)
Chlorobenzene	10	160	0.073	31	0.051 J	0.0012 J
Ethylbenzene	100	0.062 J	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)
Methylene Chloride	100	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)
Toluene	80	2.7	0.0019 J	0.80 J	ND(0.0050)	ND(0.0050)
Trichloroethene	50	11	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.20)	ND(0.0020)	ND(2.0)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(1.0)	ND(0.010)	ND(10)	ND(0.010)	ND(0.010)
PCBs-Unfiltered						
Aroclor-1254	Not Listed	NA	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA	NA
PCBs-Filtered						
Aroclor-1254	Not Listed	NA	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA	NA
Semivolatile Organics						
1,4-Dichlorobenzene	80	NA	NA	NA	NA	NA
2-Chlorophenol	100	ND(0.010)	NA	0.019	NA	NA
4-Chlorophenol	Not Listed	1.9	NA	0.55	NA	NA
Organochlorine Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
None Detected	--	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Listed	NA	NA	NA	NA	NA
TCDFs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Listed	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Listed	NA	NA	NA	NA	NA
PeCDFs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA	NA
HxCDFs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	NA	NA	NA
HpCDFs (total)	Not Listed	NA	NA	NA	NA	NA
OCDF	Not Listed	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Listed	NA	NA	NA	NA	NA
TCDDs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Listed	NA	NA	NA	NA	NA
PeCDDs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	NA	NA	NA
HxCDDs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	NA	NA	NA
HpCDDs (total)	Not Listed	NA	NA	NA	NA	NA
OCDD	Not Listed	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.000001	NA	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006
Inorganics-Unfiltered						
Antimony	80	NA	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA	NA
Sulfide	Not Listed	NA	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA	NA
Inorganics-Filtered						
Antimony	80	NA	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	39B-R 04/20/06	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06
Volatile Organics						
Benzene	100	1.4 J	0.050	0.0015 J	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	32	0.64	0.068	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(5.0)	0.0050	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	100	ND(5.0)	0.0016 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	80	0.70 J	0.0046 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	50	0.86 J	0.12	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(2.0)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(10)	0.0070 J	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered						
Aroclor-1254	Not Listed	NA	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA	NA
PCBs-Filtered						
Aroclor-1254	Not Listed	NA	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA	NA
Semivolatile Organics						
1,4-Dichlorobenzene	80	NA	NA	NA	NA	NA
2-Chlorophenol	100	0.0094 J	NA	NA	NA	NA
4-Chlorophenol	Not Listed	0.71	NA	NA	NA	NA
Organochlorine Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected	--	NA	NA	NA	NA	NA
Herbicides						
None Detected	--	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	Not Listed	NA	NA	NA	NA	NA
TCDFs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Listed	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Listed	NA	NA	NA	NA	NA
PeCDFs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA	NA
HxCDFs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	NA	NA	NA
HpCDFs (total)	Not Listed	NA	NA	NA	NA	NA
OCDF	Not Listed	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	Not Listed	NA	NA	NA	NA	NA
TCDDs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Listed	NA	NA	NA	NA	NA
PeCDDs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	NA	NA	NA
HxCDDs (total)	Not Listed	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	NA	NA	NA
HpCDDs (total)	Not Listed	NA	NA	NA	NA	NA
OCDD	Not Listed	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.000001	NA	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	39B-R 04/20/06	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06
Inorganics-Unfiltered						
Antimony	80	NA	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA	NA
Sulfide	Not Listed	NA	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA	NA
Inorganics-Filtered						
Antimony	80	NA	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	54B-R 4/26-6/1/2006	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06
Volatile Organics					
Benzene	100	ND(0.0050)	ND(0.0050)	5.6	0.017
Chlorobenzene	10	ND(0.0050)	ND(0.0050)	14	0.15
Ethylbenzene	100	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.010)
Methylene Chloride	100	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.010)
Toluene	80	ND(0.0050)	0.0040 J	ND(1.0)	0.0067 J
Trichloroethene	50	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(0.010)
Vinyl Chloride	100	ND(0.0020)	ND(0.0020)	ND(1.0)	ND(0.010)
Xylenes (total)	100	ND(0.010)	ND(0.010)	ND(1.0)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1254	Not Listed	0.00017	0.00029	NA	NA
Total PCBs	0.005	0.00017	0.00029	NA	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	0.00019	0.00024	NA	NA
Total PCBs	0.005	0.00019	0.00024	NA	NA
Semivolatile Organics					
1,4-Dichlorobenzene	80	ND(0.010)	ND(0.010)	NA	NA
2-Chlorophenol	100	R	ND(0.010)	0.0068 J	ND(0.010)
4-Chlorophenol	Not Listed	NA	NA	0.010	ND(0.010)
Organochlorine Pesticides					
None Detected	--	--	--	NA	NA
Organophosphate Pesticides					
None Detected	--	--	--	NA	NA
Herbicides					
None Detected	--	--	--	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	ND(0.0000000016)	ND(0.00000000067)	NA	NA
TCDFs (total)	Not Listed	ND(0.0000000016)	ND(0.00000000067)	NA	NA
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000024)	0.00000000048 J	NA	NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000010) X	ND(0.0000000010) X	NA	NA
PeCDFs (total)	Not Listed	0.0000000012	0.0000000011	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000013 J	0.0000000014 J	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.0000000024)	ND(0.00000000080) X	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000024)	ND(0.00000000056) X	NA	NA
HxCDFs (total)	Not Listed	0.0000000027	0.0000000014	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000000021 J	0.0000000014 J	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
HpCDFs (total)	Not Listed	0.0000000035	0.0000000014	NA	NA
OCDF	Not Listed	0.0000000055 J	0.0000000029 J	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.0000000012)	ND(0.00000000060)	NA	NA
TCDDs (total)	Not Listed	ND(0.0000000012)	ND(0.00000000060)	NA	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
PeCDDs (total)	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
HxCDDs (total)	Not Listed	ND(0.0000000024)	ND(0.0000000025)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.0000000024)	0.0000000019 J	NA	NA
HpCDDs (total)	Not Listed	ND(0.0000000024)	0.0000000031	NA	NA
OCDD	Not Listed	0.000000012 J	0.000000015 J	NA	NA
Total TEQs (WHO TEFs)	0.000001	0.0000000030	0.0000000026	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	54B-R 4/26-6/1/2006	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06
Inorganics-Unfiltered					
Antimony	80	ND(0.0600)	0.0120 B	NA	NA
Arsenic	9	0.00510 B	ND(0.0100)	NA	NA
Barium	100	0.200	0.0630 B	NA	NA
Cadmium	0.05	ND(0.00500)	ND(0.00500)	NA	NA
Chromium	3	0.00120 B	0.00110 B	NA	NA
Cobalt	Not Listed	0.00130 B	0.000990 B	NA	NA
Copper	Not Listed	ND(0.0250)	ND(0.0250)	NA	NA
Lead	0.15	ND(0.00500)	ND(0.00500)	NA	NA
Nickel	2	0.00280 B	ND(0.0400)	NA	NA
Selenium	1	0.00400 B	ND(0.00500) J	NA	NA
Sulfide	Not Listed	4.80 B	ND(5.00)	NA	NA
Tin	Not Listed	ND(0.0300)	ND(0.0300)	NA	NA
Zinc	50	ND(0.0200)	ND(0.0200) J	NA	NA
Inorganics-Filtered					
Antimony	80	ND(0.0600)	ND(0.0600)	NA	NA
Arsenic	9	ND(0.0100)	ND(0.0100)	NA	NA
Barium	100	0.0980 B	0.0490 B	NA	NA
Cadmium	0.05	ND(0.00500)	ND(0.00500)	NA	NA
Chromium	3	ND(0.0100)	ND(0.0100)	NA	NA
Cobalt	Not Listed	ND(0.0500)	ND(0.0500)	NA	NA
Copper	Not Listed	0.00160 B	ND(0.0250)	NA	NA
Lead	0.15	ND(0.00500)	ND(0.00500)	NA	NA
Nickel	2	0.00200 B	ND(0.0400)	NA	NA
Selenium	1	ND(0.00500)	ND(0.00500)	NA	NA
Tin	Not Listed	ND(0.0300)	ND(0.0300)	NA	NA
Zinc	50	0.00540 B	ND(0.0200) J	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	89D-R 05/02/06	90A 04/25/06	90B 04/25/06	95A 05/01/06
Volatile Organics					
Benzene	100	12	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	34	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	100	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	80	ND(0.10)	0.0056	0.0028 J	ND(0.0050)
Trichloroethene	50	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	0.17	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1254	Not Listed	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	NA	NA	NA	NA
Total PCBs	0.005	NA	NA	NA	NA
Semivolatile Organics					
1,4-Dichlorobenzene	80	NA	NA	NA	NA
2-Chlorophenol	100	NA	NA	NA	ND(0.010)
4-Chlorophenol	Not Listed	NA	NA	NA	ND(0.010)
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	NA	NA	NA	NA
TCDFs (total)	Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Listed	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Listed	NA	NA	NA	NA
PeCDFs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA
HxCDFs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	NA	NA
HpCDFs (total)	Not Listed	NA	NA	NA	NA
OCDF	Not Listed	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	NA	NA	NA	NA
TCDDs (total)	Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Listed	NA	NA	NA	NA
PeCDDs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	NA	NA
HxCDDs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	NA	NA
HpCDDs (total)	Not Listed	NA	NA	NA	NA
OCDD	Not Listed	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.000001	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	89D-R 05/02/06	90A 04/25/06	90B 04/25/06	95A 05/01/06
Inorganics-Unfiltered					
Antimony	80	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA
Sulfide	Not Listed	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	80	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID: / Parameter / Date Collected:	UCL-GW Standards	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Volatile Organics				
Benzene	100	0.0031 J [0.0030 J]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene	10	0.073 [0.074]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Ethylbenzene	100	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene Chloride	100	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Toluene	80	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene	50	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050) J
Vinyl Chloride	100	ND(0.0020) [ND(0.0020)]	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Xylenes (total)	100	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	ND(0.010)
PCBs-Unfiltered				
Aroclor-1254	Not Listed	0.00024 [0.000044 J]	NA	ND(0.000065)
Total PCBs	0.005	0.00024 [0.000044 J]	NA	ND(0.000065)
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00011 [0.000083]	NA	ND(0.000065)
Total PCBs	0.005	0.00011 [0.000083]	NA	ND(0.000065)
Semivolatile Organics				
1,4-Dichlorobenzene	80	0.0025 J [0.0023 J]	NA	0.0013 J
2-Chlorophenol	100	ND(0.010) [ND(0.010)]	NA	ND(0.010)
4-Chlorophenol	Not Listed	ND(0.010) [ND(0.010)]	NA	NA
Organochlorine Pesticides				
None Detected	--	--	NA	NA
Organophosphate Pesticides				
None Detected	--	--	NA	NA
Herbicides				
None Detected	--	--	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.0000000012) [ND(0.0000000011)]	NA	ND(0.0000000040)
TCDFs (total)	Not Listed	ND(0.0000000012) [ND(0.0000000011)]	NA	ND(0.0000000077)
1,2,3,7,8-PeCDF	Not Listed	0.00000000092 J [ND(0.0000000024)]	NA	ND(0.0000000056)
2,3,4,7,8-PeCDF	Not Listed	0.0000000017 J [ND(0.0000000024)]	NA	ND(0.0000000055)
PeCDFs (total)	Not Listed	ND(0.0000000024) [ND(0.0000000024)]	NA	ND(0.0000000056)
1,2,3,4,7,8-HxCDF	Not Listed	0.0000000026 J [ND(0.0000000024)]	NA	ND(0.0000000064)
1,2,3,6,7,8-HxCDF	Not Listed	0.0000000019 J [ND(0.0000000024)]	NA	ND(0.0000000056)
1,2,3,7,8,9-HxCDF	Not Listed	0.0000000011 J [ND(0.0000000024)]	NA	ND(0.0000000076)
2,3,4,6,7,8-HxCDF	Not Listed	0.0000000013 J [ND(0.0000000024)]	NA	ND(0.0000000063)
HxCDFs (total)	Not Listed	0.000000023 J [ND(0.0000000024) J]	NA	ND(0.0000000064)
1,2,3,4,6,7,8-HpCDF	Not Listed	0.000000025 J [0.0000000073 J]	NA	ND(0.0000000069)
1,2,3,4,7,8,9-HpCDF	Not Listed	0.0000000014 J [ND(0.0000000024)]	NA	ND(0.0000000089)
HpCDFs (total)	Not Listed	0.000000044 [0.0000000073]	NA	ND(0.0000000077)
OCDF	Not Listed	0.000000018 J [0.000000048 J]	NA	ND(0.000000014)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.0000000010) [ND(0.0000000010)]	NA	ND(0.0000000038)
TCDDs (total)	Not Listed	ND(0.0000000010) [ND(0.0000000010)]	NA	ND(0.000000010)
1,2,3,7,8-PeCDD	Not Listed	0.00000000083 J [ND(0.0000000024)]	NA	ND(0.0000000048)
PeCDDs (total)	Not Listed	ND(0.0000000024) [ND(0.0000000024)]	NA	ND(0.000000011)
1,2,3,4,7,8-HxCDD	Not Listed	0.00000000079 J [ND(0.0000000024)]	NA	ND(0.0000000065)
1,2,3,6,7,8-HxCDD	Not Listed	0.0000000010 J [ND(0.0000000024)]	NA	ND(0.0000000060)
1,2,3,7,8,9-HxCDD	Not Listed	0.0000000010 J [ND(0.0000000024)]	NA	ND(0.0000000065)
HxCDDs (total)	Not Listed	ND(0.0000000024) [ND(0.0000000024)]	NA	ND(0.0000000094)
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000000034 J [ND(0.0000000024)]	NA	ND(0.0000000076)
HpCDDs (total)	Not Listed	0.0000000058 [ND(0.0000000024)]	NA	ND(0.000000011)
OCDD	Not Listed	0.000000017 J [0.0000000058 J]	NA	ND(0.000000020)
Total TEQs (WHO TEFs)	0.000001	0.0000000035 [0.0000000034]	NA	0.0000000084

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Inorganics-Unfiltered				
Antimony	80	ND(0.0600) [ND(0.0600)]	NA	ND(0.0600)
Arsenic	9	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Barium	100	0.0780 B [0.0780 B]	NA	0.0360 B
Cadmium	0.05	ND(0.00500) [ND(0.00500)]	NA	0.000630 B
Chromium	3	0.000840 B [ND(0.0100)]	NA	0.00120 B
Cobalt	Not Listed	ND(0.0500) [ND(0.0500)]	NA	0.00160 B
Copper	Not Listed	ND(0.0250) [ND(0.0250)]	NA	0.00220 B
Lead	0.15	0.00140 B [ND(0.00500)]	NA	ND(0.00500)
Nickel	2	ND(0.0400) [ND(0.0400)]	NA	0.00540 B
Selenium	1	ND(0.00500) J [ND(0.00500) J]	NA	ND(0.00500) J
Sulfide	Not Listed	2.40 B [ND(5.00)]	NA	2.40 B
Tin	Not Listed	0.0320 [ND(0.0300)]	NA	ND(0.0300)
Zinc	50	ND(0.0200) J [ND(0.0200) J]	NA	ND(0.0260) J
Inorganics-Filtered				
Antimony	80	ND(0.0600) [ND(0.0600)]	NA	ND(0.0600)
Arsenic	9	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Barium	100	0.0710 B [0.0710 B]	NA	0.0370 B
Cadmium	0.05	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Chromium	3	ND(0.0100) [ND(0.0100)]	NA	0.000760 B
Cobalt	Not Listed	ND(0.0500) [ND(0.0500)]	NA	0.00160 B
Copper	Not Listed	ND(0.0250) [ND(0.0250)]	NA	ND(0.0250)
Lead	0.15	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Nickel	2	ND(0.0400) [ND(0.0400)]	NA	0.00560 B
Selenium	1	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Tin	Not Listed	ND(0.0300) [ND(0.0300)]	NA	ND(0.0300)
Zinc	50	0.0110 J [ND(0.0200) J]	NA	0.0240 J

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Volatile Organics					
Benzene	100	ND(0.0050)	0.021 J	ND(0.0050)	ND(0.0050)
Chlorobenzene	10	ND(0.0050)	0.29	ND(0.0050)	ND(0.0050)
Ethylbenzene	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	100	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Toluene	80	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Trichloroethene	50	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	100	ND(0.0020)	0.013 J	ND(0.0020)	ND(0.0020)
Xylenes (total)	100	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
PCBs-Unfiltered					
Aroclor-1254	Not Listed	NA	0.00040	NA	NA
Total PCBs	0.005	NA	0.00040	NA	NA
PCBs-Filtered					
Aroclor-1254	Not Listed	NA	0.00087	NA	NA
Total PCBs	0.005	NA	0.00087	NA	NA
Semivolatile Organics					
1,4-Dichlorobenzene	80	NA	NA	NA	NA
2-Chlorophenol	100	NA	NA	NA	NA
4-Chlorophenol	Not Listed	NA	NA	NA	NA
Organochlorine Pesticides					
None Detected	--	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	NA
Herbicides					
None Detected	--	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	Not Listed	NA	NA	NA	NA
TCDFs (total)	Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDF	Not Listed	NA	NA	NA	NA
2,3,4,7,8-PeCDF	Not Listed	NA	NA	NA	NA
PeCDFs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	NA	NA
HxCDFs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	NA	NA
HpCDFs (total)	Not Listed	NA	NA	NA	NA
OCDF	Not Listed	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	NA	NA	NA	NA
TCDDs (total)	Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDD	Not Listed	NA	NA	NA	NA
PeCDDs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	NA	NA
HxCDDs (total)	Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	NA	NA
HpCDDs (total)	Not Listed	NA	NA	NA	NA
OCDD	Not Listed	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.000001	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	UCL-GW Standards	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Inorganics-Unfiltered					
Antimony	80	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA
Sulfide	Not Listed	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	80	NA	NA	NA	NA
Arsenic	9	NA	NA	NA	NA
Barium	100	NA	NA	NA	NA
Cadmium	0.05	NA	NA	NA	NA
Chromium	3	NA	NA	NA	NA
Cobalt	Not Listed	NA	NA	NA	NA
Copper	Not Listed	NA	NA	NA	NA
Lead	0.15	NA	NA	NA	NA
Nickel	2	NA	NA	NA	NA
Selenium	1	NA	NA	NA	NA
Tin	Not Listed	NA	NA	NA	NA
Zinc	50	NA	NA	NA	NA

TABLE 9
COMPARISON OF GROUNDWATER ANALYTICAL RESULTS TO MCP UCLs FOR GROUNDWATER
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents and Natural Attenuation Parameters.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
7. Field duplicate sample results are presented in brackets.
8. - Indicates that all constituents for the parameter group were not detected.
9. Shading indicates that value exceeds UCL Standards.

Data Qualifiers:

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

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

Inorganics and Natural Attenuation Parameters

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

TABLE 10
NATURAL ATTENUATION PARAMETER ANALYTICAL RESULTS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006	39B-R 04/20/06	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06
Volatile Organics									
Benzene	34	14	0.012 J	ND(0.0050)	1.4 J	0.050	0.0015 J	ND(0.0050)	ND(0.0050)
Chlorobenzene	160	31	0.051 J	0.0012 J	32	0.64	0.068	ND(0.0050)	ND(0.0050)
Ethylbenzene	0.062 J	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)	0.0050	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.50)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)	0.0016 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	2.7	0.80 J	ND(0.0050)	ND(0.0050)	0.70 J	0.0046 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	11	ND(5.0)	ND(0.0050)	ND(0.0050)	0.86 J	0.12	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.20)	ND(2.0)	ND(0.0020)	ND(0.0020)	ND(2.0)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(1.0)	ND(10)	ND(0.010)	ND(0.010)	ND(10)	0.0070 J	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	210	46 J	0.063 J	0.0012 J	35 J	0.83 J	0.070 J	ND(0.20)	ND(0.20)
Semivolatile Organics									
2-Chlorophenol	ND(0.010)	0.019	NA	NA	0.0094 J	NA	NA	NA	NA
4-Chlorophenol	1.9	0.55	NA	NA	0.71	NA	NA	NA	NA
Natural Attenuation Parameters									
Alkalinity (Total)	180	430	490	130	280	140	81.0	200	590
Chloride	8.0	1400	570	2.0	400	8.4	7.8	38	50
Dissolved Iron	ND(0.100)	1.20	ND(0.100)	ND(0.100)	0.0250 B	ND(0.100)	0.180	ND(0.100)	ND(0.100)
Dissolved Organic Carbon	1.90	25.0	6.60	0.810 B	8.00	3.40	1.20	1.60	2.70
Ethane	ND(0.020)	ND(0.20)	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.20)	ND(0.020)
Ethene	ND(0.020)	0.23	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.20)	ND(0.020)
Methane	ND(0.00720)	3.10	2.20	0.0446	0.280	ND(0.00720)	0.940	1.60	0.980
Nitrate Nitrogen	ND(0.100)	ND(0.100)	ND(0.100)	0.130	0.340	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Nitrite Nitrogen	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	20.0	ND(5.00)	11.0	6.30	13.0	56.0	ND(5.00)	ND(5.00)	ND(5.00)

TABLE 10
NATURAL ATTENUATION PARAMETER ANALYTICAL RESULTS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06	95A 05/01/06	95B-R 4/26-5/31/2006
Volatile Organics							
Benzene	5.6	0.017	12	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0031 J [0.0030 J]
Chlorobenzene	14	0.15	34	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.073 [0.074]
Ethylbenzene	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Methylene Chloride	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Toluene	ND(1.0)	0.0067 J	ND(0.10)	0.0056	0.0028 J	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	ND(1.0)	ND(0.010)	0.17	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Xylenes (total)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]
Total VOCs	20	0.17 J	46	0.0056	0.0028 J	ND(0.20)	0.076 J [0.077 J]
Semivolatile Organics							
2-Chlorophenol	0.0068 J	ND(0.010)	NA	NA	NA	ND(0.010)	ND(0.010) [ND(0.010)]
4-Chlorophenol	0.010	ND(0.010)	NA	NA	NA	ND(0.010)	ND(0.010) [ND(0.010)]
Natural Attenuation Parameters							
Alkalinity (Total)	340	200	330	150	130	110	180 [190]
Chloride	340	110	620	10	5.8	1.7	87 [83]
Dissolved Iron	0.0290 B	1.90	ND(0.100)	ND(0.100)	5.10	ND(0.100)	0.510 [0.490]
Dissolved Organic Carbon	5.70	4.60	6.60	1.00	6.10	1.40	3.80 [4.00]
Ethane	ND(0.20)	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.20) [ND(0.20)]
Ethene	ND(0.20)	ND(0.20)	0.64	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.20) [ND(0.20)]
Methane	5.80	2.70	1.30	0.150	0.0900	0.320	2.46 [2.71]
Nitrate Nitrogen	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100) [ND(0.100)]
Nitrite Nitrogen	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500) [ND(0.500)]
Sulfate (turbidimetric)	ND(5.00)	ND(5.00)	ND(1.00)	18.0	6.80	15.0	ND(5.00) [ND(5.00)]

TABLE 10
NATURAL ATTENUATION PARAMETER ANALYTICAL RESULTS
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	111A-R 04/24/06	111B-R 04/25/06	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Volatile Organics						
Benzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	0.021 J	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	0.29	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050) [ND(0.0050)]	ND(0.0050) J	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)	0.013 J	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20)	ND(0.20)	0.32 J	ND(0.20)	ND(0.20)
Semivolatile Organics						
2-Chlorophenol	NA	ND(0.010)	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters						
Alkalinity (Total)	140 [140]	87.0	120	270	150	240
Chloride	92 [92]	8.8	1.6	110	2.0	8.6
Dissolved Iron	ND(0.100) [ND(0.100)]	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Dissolved Organic Carbon	0.960 B [0.940 B]	1.20	0.400 B	2.20	0.610 B	1.40
Ethane	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Ethene	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methane	ND(0.00720) [ND(0.00720)]	ND(0.00720)	0.330	0.140	ND(0.00720)	ND(0.00720)
Nitrate Nitrogen	ND(0.100) [ND(0.100)]	6.30	ND(0.100)	ND(0.100)	ND(0.100)	0.360
Nitrite Nitrogen	ND(0.500) [ND(0.500)]	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	120 J [76.0 J]	170	7.70	9.70	ND(5.00)	13.0

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents and Natural Attenuation Parameters.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. Volatiles, 2-Chlorophenol, 4-Chlorophenol and Natural Attenuation Parameters are presented
4. NA - Not Analyzed
5. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
6. Field duplicate sample results are presented in brackets.
7. With the exception of Natural Attenuation Parameters and semivolatiles only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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

Natural Attenuation Parameters

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

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

TABLE 11
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Basis for Inclusion or Exclusion/Comments
2A	Natural Attenuation	Annual (1)	See Note 3	No changes to the natural attenuation monitoring program are proposed at this well.
6B-R	GW-3 Perimeter	Annual (2)	VOC	Interim sampling and analysis proposed to assess increase in VOC concentrations observed in fall 2005.
16A	Natural Attenuation	Annual (1)	See Note 3	No changes to the natural attenuation monitoring program are proposed at this well.
16B-R	GW-2 Sentinel/Natural Attenuation	Annual (1)	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
16C-R	Natural Attenuation	Annual (1)	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
39B-R	Natural Attenuation	Annual (1)	See Note 3	No changes to the natural attenuation monitoring program are proposed at this well.
39D-R	Natural Attenuation	Annual (1)	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
39E	Natural Attenuation	Annual (1)	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
43A	Natural Attenuation	Annual (1)	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
43B	Natural Attenuation	Annual (1)	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
51-14	GW-2 Sentinel	Annual (2)	VOC	Average carbon tetrachloride concentration is slightly greater than the revised GW-2 Standard. Interim sampling proposed for VOCs to further assess.
54B-R	GW-3 Perimeter	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
78B-R	GW-3 Perimeter	None	None	Average chlorobenzene concentration is greater than the GW-3 Standard. Interim sampling is to be deferred until long-term monitoring program is implemented.

TABLE 11
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Basis for Inclusion or Exclusion/Comments
82B-R	GW-3 Perimeter	Annual [2]	PCB	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling for PCBs proposed to further assess.
89A	Natural Attenuation	Annual [1]	See Note 3	No changes to the natural attenuation monitoring program are proposed at this well.
89B	GW-3 Perimeter/Natural Attenuation	Annual [1]	See Note 3	Average chlorobenzene concentration is greater than the GW-3 Standard. Additional monitoring proposed to be conducted as part of the natural attenuation monitoring program.
89D-R	Natural Attenuation	Annual [1]	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
90A	Natural Attenuation	Annual [1]	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
90B	GW-3 Perimeter/Natural Attenuation	Annual [1]	See Note 4	No exceedances/near exceedances of applicable Performance Standards observed during baseline program. No changes to the natural attenuation monitoring program are proposed at this well.
95A	Natural Attenuation	Annual [1]	See Note 3	No changes to the natural attenuation monitoring program are proposed at this well.
95B-R	GW-3 Perimeter/Natural Attenuation	Annual [1]	See Note 3	No exceedances/near exceedances of applicable Performance Standards observed during baseline program. No changes to the natural attenuation monitoring program are proposed at this well.
111A-R	Natural Attenuation	Annual [1]	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.
111B-R	GW-3 Perimeter/Natural Attenuation	Annual [1]	See Note 4	No exceedances/near exceedances of applicable Performance Standards observed during baseline program. No changes to the natural attenuation monitoring program are proposed at this well.
114A	Natural Attenuation	Annual [1]	See Note 4	No changes to the natural attenuation monitoring program are proposed at this well.

TABLE 11
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Basis for Inclusion or Exclusion/Comments
114B-R	GW-3 Perimeter/Natural Attenuation	Annual (1,2)	See Note 5	Average PCB concentration is slightly below GW-3 Standard (i.e., greater than 50 %). Interim sampling proposed for PCBs to further assess. No changes to the natural attenuation monitoring program are proposed at this well.
115A	Natural Attenuation	Annual (1)	See Note 4	Continued sampling under the natural attenuation monitoring program is proposed at this well.
115B	Natural Attenuation	Annual (1)	See Note 4	Continued sampling under the natural attenuation monitoring program is proposed at this well.
GMA3-1	GW-3 Perimeter	None	None	Installation of this well has been deferred until re-routing of Unkamet Brook is completed.
GMA3-2	GW-2 Sentinel	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA3-3	GW-3 Perimeter	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA3-4	GW-2 Sentinel	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA3-5	GW-2 Sentinel/ GW-3 Perimeter	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA3-6	GW-2 Sentinel/ GW-3 Source Area Sentinel	None	None	Average cadmium concentration is slightly below GW-3 Standard (i.e., greater than 50 %), but was only detected during a single baseline sampling round. No interim sampling is proposed at this well.
GMA3-7	GW-2 Sentinel/ GW-3 Perimeter	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
GMA3-8	GW-2 Sentinel	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.

TABLE 11
PROPOSED INTERIM GROUNDWATER QUALITY MONITORING PROGRAM
GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Number	Well Designation / Analytical Category	Sampling Schedule	Analyses	Basis for Inclusion or Exclusion/Comments
GMA3-9	GW-2 Sentinel	None	None	No exceedances/near exceedances of applicable Performance Standards observed during baseline program.
OBG-2	GW-2 Sentinel	None	None	Average vinyl chloride concentration is slightly below GW-3 Standard (i.e., greater than 50 %), but was only detected during a single baseline sampling round. No interim sampling is proposed at this well.

Notes:

1. Wells sampled under the natural attenuation monitoring program are proposed to continue to be sampled on an annual basis in the spring.
2. Wells proposed for annual interim groundwater quality sampling, will be sampled for the listed parameters during the interim period between the completion of the baseline monitoring program and the initiation of a long-term monitoring program. The sampling schedule is proposed to alternate between the spring and fall seasons each year, with the next sampling round scheduled for fall 2007.
3. Samples proposed to be analyzed for: VOCs, two SVOCs (2-chlorophenol and 4-chlorophenol), and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).
4. Samples proposed to be analyzed for: VOCs and for Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron).
5. Samples proposed to be analyzed for: VOCs and Natural Attenuation Parameters (methane, ethane, ethene, chloride, nitrate, nitrite, alkalinity, dissolved organic carbon, sulfate, and dissolved iron) during the spring natural attenuation sampling rounds, and for PCBs (filtered samples only)during the alternating spring/fall interim sampling rounds.

Figures

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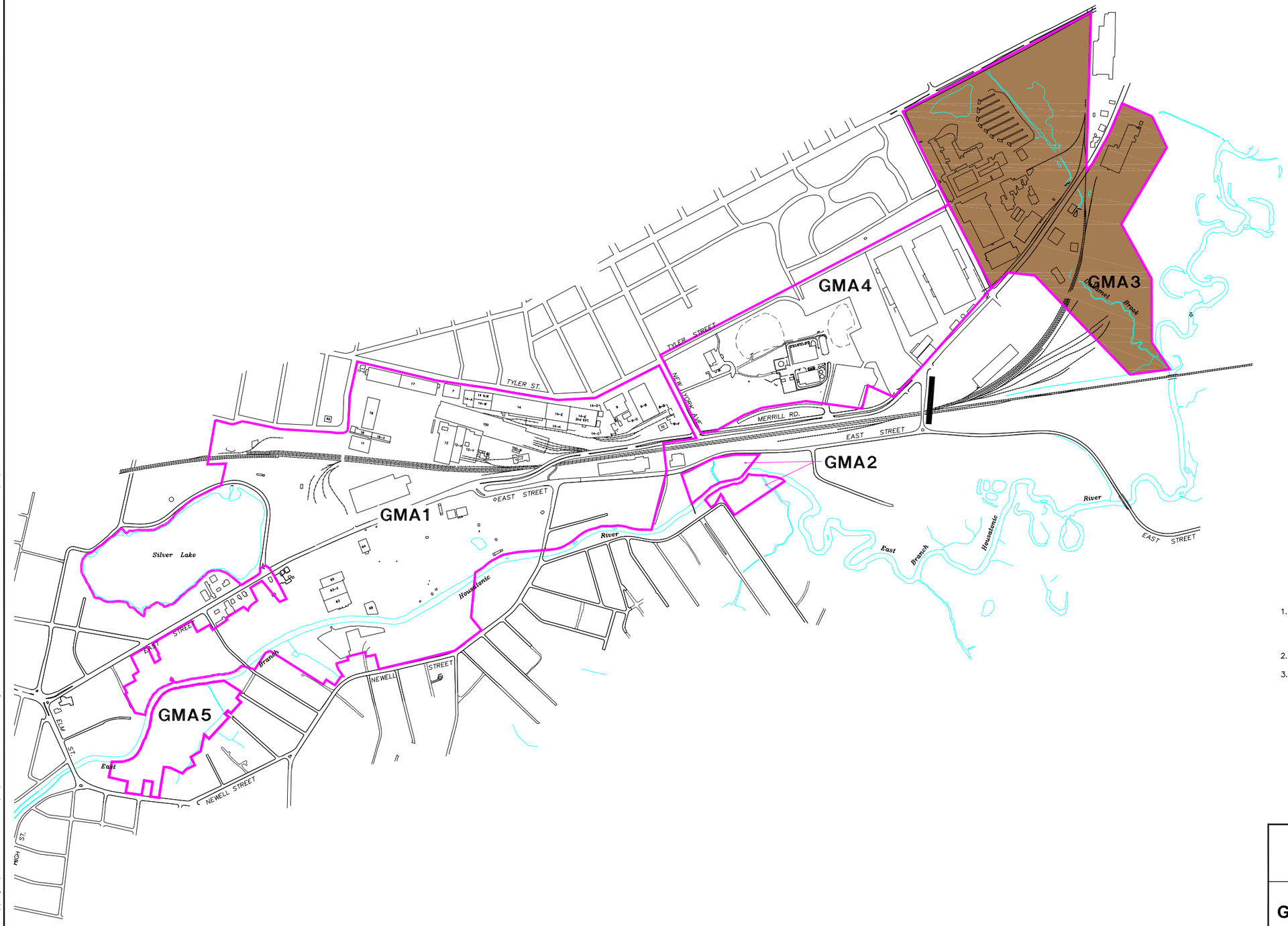

LEGEND:

GMA1	GMA 1–PLANT SITE 1
GMA2	GMA 2–FORMER OXBOWS J&K
GMA3	GMA 3–PLANT SITE 2
GMA4	GMA 4–PLANT SITE 3
GMA5	GMA 5–FORMER OXBOWS A&C

GENERAL NOTES:

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

0 500' 1000'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA 3 INTERM MONITORING PROGRAM

GROUNDWATER MANAGEMENT AREAS

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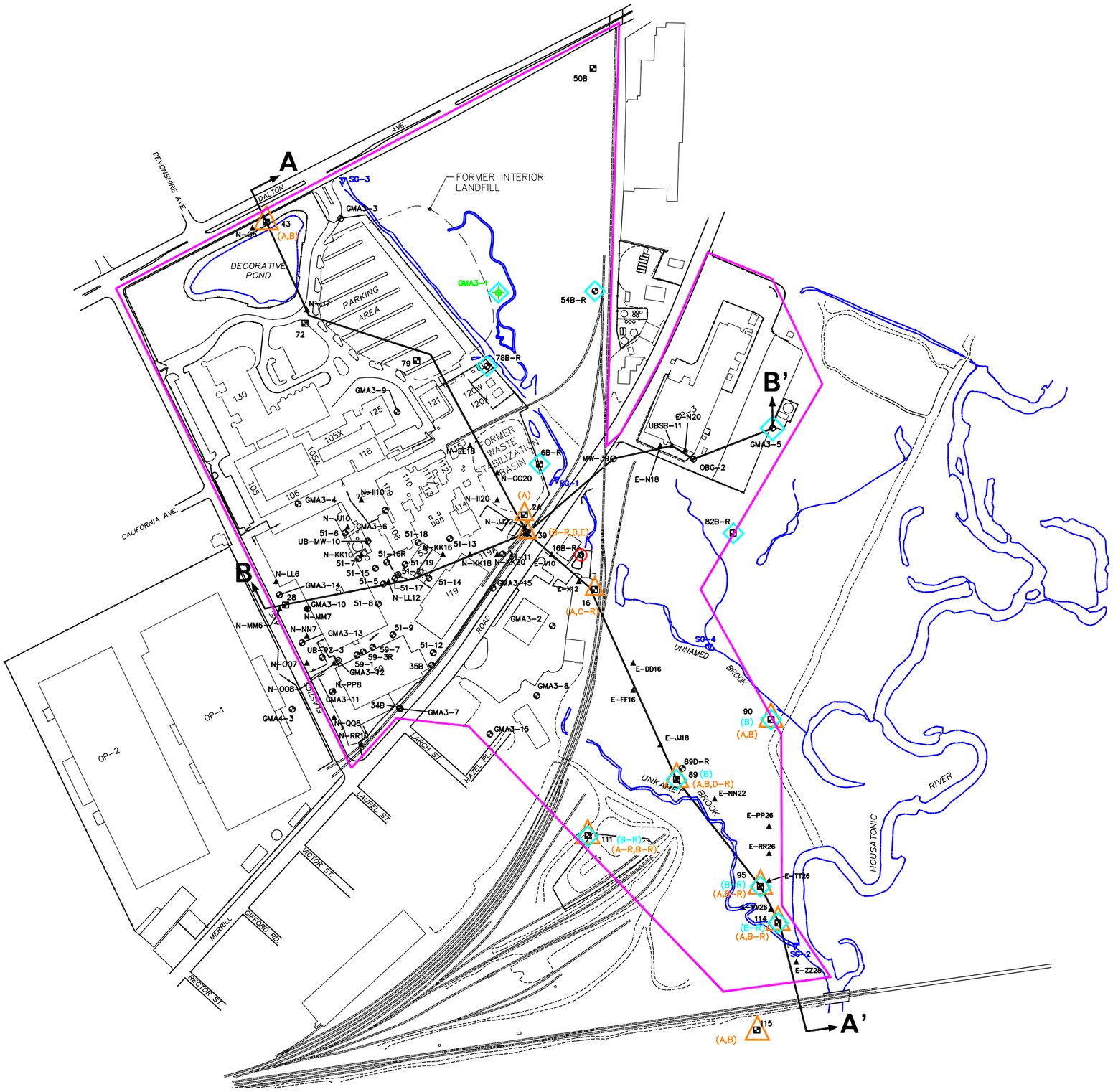
FIGURE
1



LEGEND:

- SITE BOUNDARY
- FENCING
- UBSB–11 ▲ EXISTING SOIL BORING
- 51–6 ⊙ EXISTING MONITORING WELL
- 57 ⊡ EXISTING MONITORING WELL CLUSTER
- 51–21 ◎ NAPL RECOVERY WELL (SKIMMER)
- SG–1 ▽ SURFACE WATER STAFF GAUGE
- GW–2 SENTINEL/COMPLIANCE WELL
- GW–3 PERIMETER WELL
- NATURAL ATTENUATION MONITORING WELL
- GENERAL/SOURCE AREA SENTINEL WELL (GW–3)
- A / A' CROSS SECTION LOCATION
- PROPOSED MONITORING WELL

NOTES:

1. FIGURE IS BASED ON PHOTOGRAPHIC MAPPING BY LOCKWOOD MAPPING, INC.–FLOWN IN APRIL 1990 AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES, SAMPLE AND BUILDING LOCATIONS ARE APPROXIMATE.
4. FOR WELL CLUSTERS SUBJECT TO DIFFERING MONITORING REQUIREMENTS, THE SPECIFIC WELL INCLUDED FOR EACH TYPE OF MONITORING IS PROVIDED IN PARENTHESES.

0 400' 800'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 3 INTERM MONITORING PROGRAM

SITE PLAN

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FIGURE 2

NORTH

A

SOUTH

A'

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

1,000
950
900
850
800

	RAA10-N-05	RAA10-N-U7		RAA10-N-EE18	RAA10-N-GG20	RAA10-N-II20	RAA10-N-JJ22	39B-R	RAA10-E-V10	RAA10-E-X12	RAA10-E-Z14	RAA10-E-DD16	RAA10-E-FF16	RAA10-E-JJ16	RAA10-E-NN22	RAA10-E-PP26	RAA10-E-RR26	RAA10-E-TT26	RAA10-E-VV26	RAA10-E-ZZ28	
	43		72	79*				39			16			89		95			114		115
	988.49					986.08				986.01			983.28			980.81			979.74		

SAND with silt and gravel lenses

sand, gravel and silt FILL

SILT and ORGANICS with sand and gravel lenses

PEAT

SILT with fine sand lenses

FILL

med. to coarse SAND

PEAT

med. to fine SAND, trace gravel

SILT

D-R

coarse SAND with gravel lenses

C-R

fine to medium SAND

medium to coarse SAND

fine SAND, trace gravel

E

NO DATA

fine SAND, trace gravel

NO DATA

E TILL

medium to fine SAND, trace grvel

fine to medium SAND some silt

SILT and SAND with coarse sand and gravel lenses

coarse SAND, some fine gravel

fine to coarse SAND, some gravel and cobbles

HOUSATONIC RIVER

LEGEND:

WELL CLUSTER NUMBER → 16 RAA10-N-05 ← SOIL BORING NUMBER

SCREEN INTERVAL (DEPTH FROM SURFACE) → (15–20') B

← SOIL BORING

WATER TABLE ELEVATION (B-SERIES WELLS) (APRIL 2006)

(45–50') A

(56–66' OR 70–75') D

(95–100') C

(225–235' OR 145–150') E

0 325' 650'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 3 INTERM MONITORING PROGRAM

GENERALIZED GEOLOGIC CROSS-SECTION A-A'

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FIGURE **3**

WEST

B

B'

EAST

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

1,000
950
900
850
800

RAA10-N-MM-6 28
RAA10-N-MM-7
GMA3-10
51-5
RAA10-N-LL12
51-17
51-21
51-14
RAA10-N-KK16
RAA10-N-KK18
RAA10-N-KK20
51-11
39B-R
39
MW-39
RAA10-E-N18
UB-SB-11
RAA10-E-N20
OBG-2
GMA3-5

986.69
986.51
986.68
986.49
986.41
986.66
986.08
986.00
987.52

sand, gravel and silt FILL
SILT and ORGANICS with sand and gravel lenses
coarse to fine SAND, some gravel, trace silt
fine to coarse SAND
SILT with fine sand lenses
Rusty brown PEAT and organic silt
sand and silt FILL
SILT
SAND and GRAVEL

A
B
D-R
E

coarse SAND with gravel lenses
fine to medium SAND
medium to coarse SAND
fine SAND, trace gravel
NO DATA
fine SAND, trace gravel
NO DATA
TILL

LEGEND:

WELL CLUSTER NUMBER — 39 — RAA10-E-N20
SOIL BORING NUMBER
SOIL BORING
WATER TABLE ELEVATION (APRIL 2006)
SCREEN INTERVAL (DEPTH FROM SURFACE)
(15–20') B
(45–50') A
(56–66' OR 70–75') D
(95–100') C
(225–235' OR 145–150') E
LNAPL EXTENT (THICKNESS NOT TO SCALE) (APRIL 2006)

0 200' 400'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA 3 INTERM MONITORING PROGRAM

GENERALIZED GEOLOGIC CROSS-SECTION B-B'

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FIGURE **4**

SYR-85-RCB LAF KEW LAYER: ON=*; OFF=*REF*
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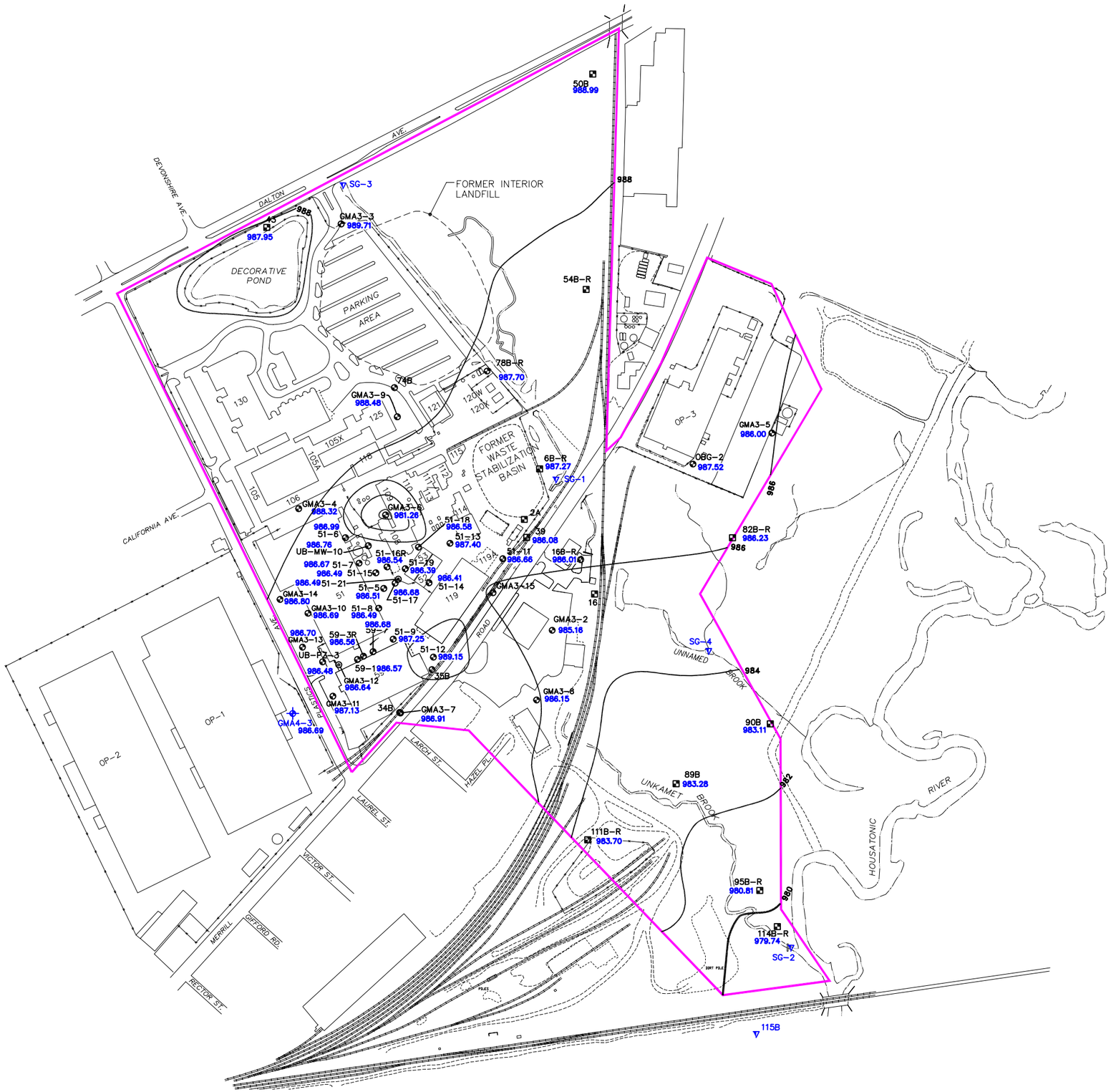
20186X00



LEGEND:

- SITE BOUNDARY
- FENCING
- 51–14 ⊕ EXISTING MONITORING WELL
- 54B ⊡ EXISTING MONITORING WELL CLUSTER
- 51–21 ⊛ NAPL RECOVERY WELL (SKIMMER)
- SG–1 ▽ SURFACE WATER STAFF GAUGE
- GMA4–2 ⊕ GMA4 MONITORING WELL
- 986 GROUNDWATER ELEVATION CONTOUR IN FEET (DASHED WHERE INFERRED)
- 986.27 GROUNDWATER ELEVATION IN FEET

NOTES:

1. FIGURE IS BASED ON PHOTOGRAPHIC MAPPING BY LOCKWOOD MAPPING, INC.–FLOWN IN APRIL 1990 AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES, SAMPLE AND BUILDING LOCATIONS ARE APPROXIMATE.
4. FOR WELL CLUSTERS, GROUNDWATER ELEVATION DATA FROM THE UPPERMOST WELL (B–SERIES) WAS UTILIZED IN THE PREPARATION OF THIS FIGURE.

0 400' 800'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA 3 INTERM MONITORING PROGRAM

GROUNDWATER ELEVATION CONTOUR MAP - SPRING 2006

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FIGURE 5

SYR-85-RGB RGB KEW LAYER: ON=*; OFF=*REF
G:\GE_ACTIVE\N\20186002\spring06\20186W03.DWG SAVED:8/28/2006 3:37 PM LAYOUT:Layout1 PAGESETUP:BL-PDF PENTABLE:PLTFULL.CTB PRINTED:8/30/2006 5:09 PM BY:LFORAKER
PROJECTNAME: ----
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20186X01

LEGEND:

- SITE BOUNDARY
- FENCING
- 57 EXISTING MONITORING WELL CLUSTER
- 51-6 EXISTING MONITORING WELL
- 51-21 NAPL RECOVERY WELL (SKIMMER)
- MAXIMUM EXTENT OF MEASURABLE LNAPL

NOTES:

1. FIGURE IS BASED ON PHOTOGRAPHIC MAPPING BY LOCKWOOD MAPPING, INC.–FLOWN IN APRIL 1990 AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES, SAMPLE AND BUILDING LOCATIONS ARE APPROXIMATE.

0 400' 800'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 3 INTERM MONITORING PROGRAM

HISTORICAL EXTENT OF NAPL

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FIGURE 6

SYR-85-PGL RCB KEW LAYER: ON=*; OFF=*REF*
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PROJECTNAME: ----
XREFS: IMAGES:
20186X02
20186X00

LEGEND:

- SITE BOUNDARY
- FENCING
- 51–6 EXISTING MONITORING WELL
- 57 EXISTING MONITORING WELL CLUSTER
- 51–21 NAPL RECOVERY WELL (SKIMMER)
- GMA3–1 BASELINE GROUNDWATER MONITORING WELL LOCATION (PROPOSED WELL)
- SG–1 SURFACE WATER STAFF GAUGE
- EXTENT OF MEASURABLE LNAPL DURING SPRING 2006 SEMI–ANNUAL MONITORING EVENT

NOTES:

1. FIGURE IS BASED ON PHOTOGRAPHIC MAPPING BY LOCKWOOD MAPPING, INC.–FLOWN IN APRIL 1990 AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES, SAMPLE AND BUILDING LOCATIONS ARE APPROXIMATE.

0 400' 800'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA 3 INTERM MONITORING PROGRAM

EXTENT OF LNAPL - SPRING 2006 MONITORING EVENT

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FIGURE **7**

SYR-85-DWW RCB KEW LAYER: ON=*; OFF=*REF*
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PROJECTNAME: -----
XREFS: IMAGES:
20186X02
20186X00

LEGEND:

- SITE BOUNDARY
- FENCING
- 51-6 ⊘ EXISTING MONITORING WELL
- 57 ⊠ EXISTING MONITORING WELL CLUSTER
- NAPL RECOVERY WELL (SKIMMER)
- SG-1 ▽ SURFACE WATER STAFF GAUGE
- GW-2 SENTINEL/COMPLIANCE WELL
- GW-3 PERIMETER WELL
- NATURAL ATTENUATION MONITORING WELL
- GMA3-15 ⊕ PROPOSED MONITORING WELL

NOTES:

1. FIGURE IS BASED ON PHOTOGRAPHIC MAPPING BY LOCKWOOD MAPPING, INC.–FLOWN IN APRIL 1990 AND DATA PROVIDED BY GENERAL ELECTRIC COMPANY.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARIES, SAMPLE AND BUILDING LOCATIONS ARE APPROXIMATE.
4. FOR WELL CLUSTERS SUBJECT TO DIFFERING MONITORING REQUIREMENTS, THE SPECIFIC WELL INCLUDED FOR EACH TYPE OF MONITORING IS PROVIDED IN PARENTHESES.
5. ALL SAMPLING WILL BE CONDUCTED ON AN ANNUAL BASIS WITH NATURAL ATTENUATION SAMPLED EACH SPRING. ALL OTHER WELLS WILL BE SAMPLED, ALTERNATING SPRING/FALL.

0 400' 800'

GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

GMA 3 INTERM MONITORING PROGRAM

PROPOSED INTERIM GROUNDWATER MONITORING PROGRAM

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FIGURE **8**

SYR-85-RCB RCB KEW LAYER: ON=*; OFF=*REF*
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XREFS: IMAGES:
20186X02
20186X00

Appendices

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Appendix A

Groundwater Monitoring Well Logs

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Date Start/Finish: 3/22/06
Drilling Company: Parratt-Wolff
Driller's Name: Lee Penrod
Drilling Method: HSA
Bit Size: 6-1/4" OD
Auger Size: 4-1/4" ID
Rig Type: CME 55
Sampling Method: 2' x 2" Split Spoon

Northing: 536735.0
Easting: 138738.2
Casing Elevation: 996.74

Borehole Depth: 16' below grade
Surface Elevation: 994.60

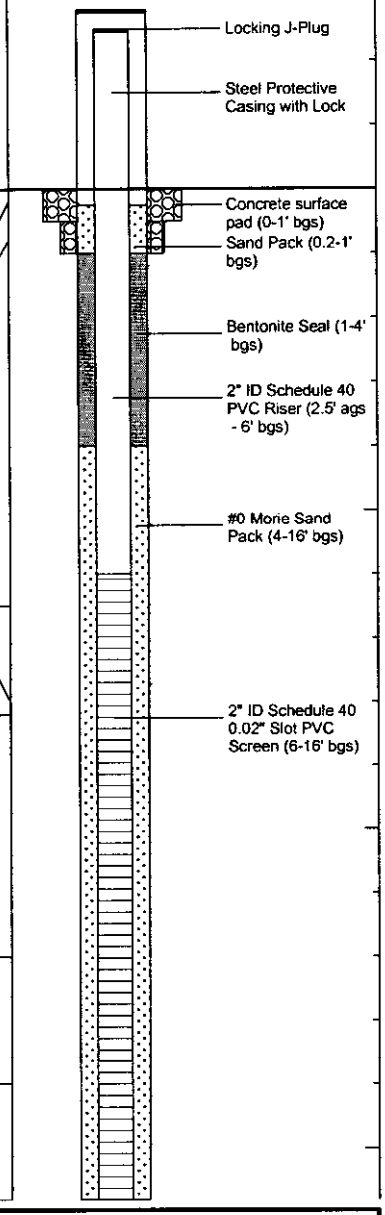
Geologist: Katherine Murray

Well/Boring ID: GMA3-15

Client: General Electric Company

Location: GMA 3, Merrill Ave.
Pittsfield Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	USCS Code	Geologic Column	Stratigraphic Description
0	0	1	0-2	1.0	5 10 10 6	20	0.0			Brown fine SAND, trace Organics, damp. Dark brown fine SAND, some fine to medium Gravel, damp. Tan fine to coarse SAND, little fine Gravel, damp. [FILL]
		2	2-4	1.2	7 9 17 18	26	1.0			
5	-5	3	4-6	1.1	20 30 17 12	37	0.0			Brown-gray
		4	6-8	1.3	11 7 5 5	12	0.0			Dark brown to brown SILT, some very fine Sand, damp. Quartzite cobble.
		5	8-10	0.6	12 12 8 8	20	0.0			Gray-green very fine SAND, trace Silt, damp.
10	-10	6	10-12	1.1	7 3 5 4	8	0.0			Wet at 10' bgs.
		7	12-14	NA	5 3 3 3	6	NA			No Recovery.
15	-15	8	14-16	0.5	3 6 6 5	12	0.0			Gray-brown fine to coarse SAND, some Silt, wet.



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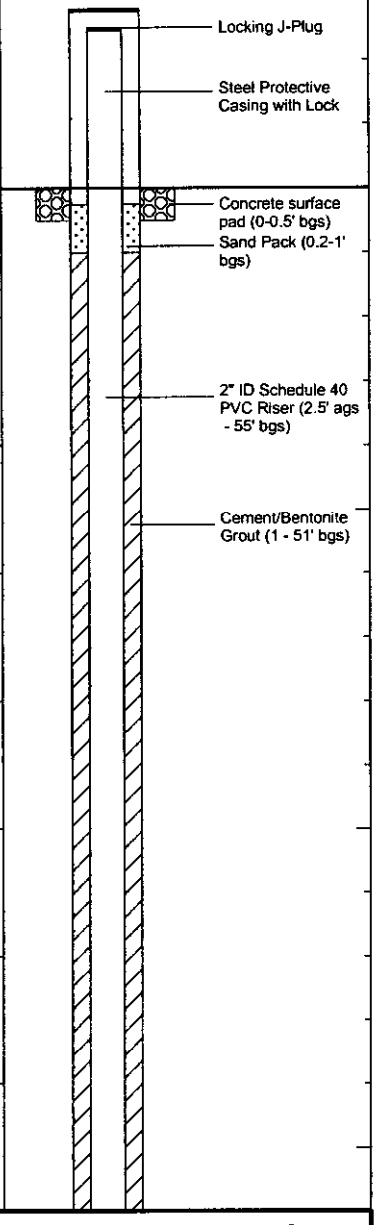
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

Remarks: NA = Not Applicable/Available; bgs = below ground surface; HSA = Hollow Stem Auger

Date Start/Finish: 3/20-21/06 **Drilling Company:** Parratt-Wolff **Driller's Name:** Lee Penrod **Drilling Method:** HSA **Bit Size:** 6-1/4" OD **Auger Size:** 4-1/4" ID **Rig Type:** CME 55 **Sampling Method:** 2' x 2" Split Spoon	**Northing:** 536941.5 **Easting:** 138854.8 **Casing Elevation:** 994.73 **Borehole Depth:** 65.5' below grade **Surface Elevation:** 992.30 **Geologist:** Katherine Murray	**Well/Boring ID:** 39D-R **Client:** General Electric Company **Location:** GMA 3, Merrill Ave. Pittsfield Massachusetts

DEPTH ELEVATION	Sample Run Number	Interval Sampled	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description
0 0	1	0-2	1.2	16 12 2 1	14			From well 39D: Brown coarse to medium SAND, some medium to fine Gravel, Topsoil organics; poorly sorted sand and gravel, damp.
	2	2-4	1.2	2 3 6 6	9			Fromwell 39D: Light brown coarse to medium SAND, trace fine Sand, loose, some fine sand and silt in upper section, damp.
5 -5	3	4-6		4 4 5 6	9			From well 39D: Light brown-orange coarse to medium SAND, loose, damp to moist.
	4	6-8		2 4 5 6	9			From well 39D: Light brown-orange coarse to medium SAND, loose, and coarse to medium GRAVEL moderately sorted, sheen, bottom wet, upper moist.
	5	8-10		1 2 2 8	4			From well 39D: Gray coarse to medium SAND, loose, sheen, odor, wet to saturated.
10-10	6	10-12	1.5	2 4 3 5	7			Gray coarse to medium SAND and Gray SILT, soft, lower section; odor with sheen.
	7	12-14	1.3	4 2 1 1	3	1.0		Gray-brown very fine SAND, little fine to medium Sand, trace coarse Sand and very fine Gravel, slight Solvant odor, very loose, wet.
15-15	8	14-16	1.8	3 4 4 4	8			From well 39D: Gray SILT and fine SAND, soft, saturated, odor and sheen.

Well/Boring Construction



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Remarks: NA = Not Applicable/Available; bgs = below ground surface; HSA = Hollow Stem Auger

Client:
General Electric Company

Site Location:
GMA 3, Merrill Ave.
Pittsfield Massachusetts

Well/Boring ID: 39D-R

Borehole Depth: 65.5' below grade

DEPTH ELEVATION	Sample Run Number	Interval Sampled	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
	9	16-18	2.0	4 4 4 3	8			From well 39D: Gray SILT and fine SAND, soft, odor, sheen, saturated.	2" ID Schedule 40 PVC Riser (2.5' ags - 55' bgs)
	10	18-20	1.8	wk 1 3 4	4				
20-20	11	20-22	2.2	2 1 2 2	3	51.8		Brown fine SAND, odor, loose, wet.	Cement/Bentonite Grout (1 - 51' bgs)
	12	22-24	2.0	3 6 6 7	12			From well 39D: Brown medium to fine SAND, some coarse, well sorted, odor, wet to saturated.	
25-25	13	24-26	2.0	8 9 9 8	18			From well 39D: Gray-brown coarse to fine SAND, some gray medium to fine, little Silt, lower section of sample, wet to saturated.	
	14	26-28	2.0	6 10 15 16	15			From well 39D: Gray medium to fine SAND, little Silt, wet to saturated.	
	15	28-30	2.5	6 7 7 5	14	18		Gray-brown fine SAND, little Silt (increasing to some below 29.5' bgs), wet.	
30-30								From well 39D: Gray SILT and very fine SAND, trace White coarse Sand.	
	16	30-32	1.8	5 7	NA			Running SANDS From well 39D: Gray SILT and very fine SAND.	
				6				From well 39D: Same as below, wet	
	17	32-34	2.0	12 W/T W/T	NA			From well 39D: Gray medium to fine SAND, trace Silt, some coarse to medium Sand with fine Gravel.	
35-35	18	34-36	1.0	6 8 W/T W/T	NA				

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

Remarks: NA = Not Applicable/Available; bgs = below ground surface; HSA = Hollow Stem Auger

Client:
General Electric Company

Site Location:
GMA 3, Merrill Ave.
Pittsfield Massachusetts

Well/Boring ID: 39D-R

Borehole Depth: 65.5' below grade

DEPTH ELEVATION	Sample Run Number	Interval Sampled	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
	19	36-38	1.2	2 3 4 4	7			From well 39D: Gray medium to fine SAND, trace Silt, some coarse to medium Sand with fine Gravel, trace Clay, wet.	2" ID Schedule 40 PVC Riser (2.5' ags - 55' bgs)
			1.5	6 8 4 4	12				
40-40	20	38-40	1.5	4 9 W/T W/T	NA				Cement/Bentonite Grout (1 - 51' bgs)
	21	40-42	1.5	3 4 W/T W/T	NA				
45-45	22	42-44	2.0	4 8 7 9	15				
	23	44-46	1.8	12 8 12 14	20				
	24	46-48	2.0	16 2 W/T 4	NA				
50-50	25	48-50	2.0	8 16 10 10	26				Bentonite Seal (51 - 53' bgs) #1 Morie Sand Pack (53 - 65.5' bgs)
	26	50-52	1.5	12 16 15 18	31				2" ID Schedule 40 PVC Riser (2.5' ags - 55' bgs)
55-55	27	52-54	1.2	18 22 W/T 2	NA				

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Remarks: NA = Not Applicable/Available; bgs = below ground surface; HSA = Hollow Stem Auger

Client:
General Electric Company

Site Location:
GMA 3, Merrill Ave.
Pittsfield Massachusetts

Well/Boring ID: 39D-R

Borehole Depth: 65.5' below grade

DEPTH ELEVATION	Sample Run Number	Interval Sampled	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well/Boring Construction
	28	54-56	1.2	5 2 2 5	4			From well 39D: Gray medium to fine SAND, trace Silt, some coarse to medium Sand with fine Gravel, trace Clay, dense, wet.	
	29	56-58	2.0	7 8 11 18	19			From well 39D: Grey-brown medium to fine SAND, some medium to fine Gravel, poorly sorted, tight, dense, damp to moist.	
60-60	30	60-62	1.6	22 34 23 19	57			Difficult augering below 61' bgs.	#1 Morie Sand Pack (53 - 65.5' bgs)
	31	62-64	.2	22 32 100/0.2	NA			From well 39D: Grey-brown coarse to fine SAND, trace Gravel, poorly sorted, damp to moist.	2" ID Schedule 40 0.02" Slot PVC Screen (55 - 65' bgs)
65-65	32		.7	49	NA	0.0		Gray-brown very fine SAND, some fine to medium Gravel (rust-staining in gravel fragments), little Silt, wet. [TILL] Refusal at 65.5' bgs.	
70-70									
75-75									

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Remarks: NA = Not Applicable/Available; bgs = below ground surface; HSA = Hollow Stem Auger

Appendix B

Groundwater Elevation and LNAPL Monitoring/Recovery Data

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TABLE B-1
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA
JANUARY 2006 - JUNE 2006

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
GMA 3 Monitoring Wells								
002A	994.16	1/17/2006	13.19	---	0.00	55.23	980.97	---
002A	994.16	4/11/2006	7.69	---	0.00	54.83	986.47	---
002A	994.16	4/19/2006	8.03	---	0.00	55.21	986.13	---
006B-R	993.62	1/17/2006	7.25	---	0.00	14.86	986.37	---
006B-R	993.62	4/11/2006	6.35	---	0.00	14.53	987.27	---
006B-R	993.62	4/19/2006	6.80	---	0.00	14.50	986.82	---
016A	991.77	1/17/2006	5.88	---	0.00	51.18	985.89	---
016A	991.77	4/12/2006	6.41	---	0.00	51.02	985.36	---
016A	991.77	4/20/2006	6.96	---	0.00	50.98	984.81	---
016B-R	994.87	1/17/2006	8.55	---	0.00	16.51	986.32	---
016B-R	994.87	4/11/2006	8.86	---	0.00	16.43	986.01	---
016B-R	994.87	4/20/2006	9.13	---	0.00	16.51	985.74	---
016C-R	993.23	1/17/2006	12.86	---	0.00	101.26	980.37	---
016C-R	993.23	3/29/2006	8.06	---	0.00	102.33	985.17	---
016C-R	993.23	4/11/2006	7.58	---	0.00	103.53	985.65	---
016C-R	993.23	4/26/2006	7.44	---	0.00	102.21	985.79	---
016C-R	993.23	5/31/2006	7.68	---	0.00	101.92	985.55	---
039B-R	991.97	1/16/2006	11.35	---	0.00	13.96	980.62	---
039B-R	991.97	4/11/2006	5.89	---	0.00	13.58	986.08	---
039B-R	991.97	4/20/2006	6.14	---	0.00	13.58	985.83	---
039D-R	994.73	3/29/2006	9.84	---	0.00	64.43	984.89	---
039D-R	994.73	4/11/2006	8.38	---	0.00	63.95	986.35	---
039D-R	994.73	4/20/2006	8.55	---	0.00	63.14	986.18	---
039E	992.21	1/16/2006	4.35	---	0.00	239.28	987.86	---
039E	992.21	4/11/2006	5.11	---	0.00	> than 201	987.10	---
039E	992.21	4/20/2006	5.36	---	0.00	> than 208	986.85	---
043A	993.79	1/17/2006	10.99	---	0.00	51.58	982.80	---
043A	993.79	4/11/2006	5.30	---	0.00	51.16	988.49	---
043A	993.79	4/19/2006	9.49	---	0.00	51.37	984.30	---
043B	993.61	1/17/2006	4.43	---	0.00	21.49	989.18	---
043B	993.61	4/11/2006	5.66	---	0.00	21.15	987.95	---
043B	993.61	4/19/2006	5.85	---	0.00	21.35	987.76	---
050B	991.76	1/18/2006	2.12	---	0.00	15.10	989.64	---
050B	991.76	4/12/2006	2.77	---	0.00	14.80	988.99	---
054B-R	991.49	1/18/2006	3.88	---	0.00	15.57	987.61	---
054B-R	991.49	4/12/2006	4.19	---	0.00	15.25	987.30	---
054B-R	991.49	4/26/2006	4.20	---	0.00	15.50	987.29	---
054B-R	991.49	4/28/2006	4.32	---	0.00	15.50	987.17	---
054B-R	991.49	6/1/2006	4.42	---	0.00	15.56	987.07	---
078B-R	988.83	1/17/2006	1.00	---	0.00	11.83	987.83	---
078B-R	988.83	4/11/2006	1.13	---	0.00	11.49	987.70	---
082B-R	989.90	1/17/2006	3.10	---	0.00	11.91	986.80	---
082B-R	989.90	4/11/2006	3.67	---	0.00	11.84	986.23	---
082B-R	989.90	4/26/2006	3.47	---	0.00	12.22	986.43	---
082B-R	989.90	6/1/2006	3.98	---	0.00	11.85	985.92	---
089A	985.76	1/17/2006	0.75	---	0.00	NM	985.01	---
089A	985.76	4/13/2006	2.44	---	0.00	47.27	983.32	---
089A	985.76	5/2/2006	2.69	---	0.00	44.52	983.07	---
089B	986.03	1/17/2006	1.14	---	0.00	NM	984.89	---

TABLE B-1
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA
JANUARY 2006 - JUNE 2006

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
089B	986.03	4/13/2006	2.75	---	0.00	8.89	983.28	---
089B	986.03	5/2/2006	2.96	---	0.00	8.48	983.07	---
089D-R	987.11	1/17/2006	1.79	---	0.00	NM	985.32	---
089D-R	987.11	4/13/2006	3.65	---	0.00	79.93	983.46	---
089D-R	987.11	5/2/2006	4.12	---	0.00	79.25	982.99	---
090A	988.07	1/17/2006	4.11	---	0.00	51.76	983.96	---
090A	988.07	4/12/2006	4.85	---	0.00	51.89	983.22	---
090A	988.07	4/25/2006	4.39	---	0.00	51.39	983.68	---
090B	989.10	1/17/2006	4.86	---	0.00	12.97	984.24	---
090B	989.10	4/12/2006	5.99	---	0.00	12.88	983.11	---
090B	989.10	4/25/2006	5.45	---	0.00	12.62	983.65	---
095A	987.18	1/17/2006	5.35	---	0.00	51.10	981.83	---
095A	987.18	4/12/2006	6.23	---	0.00	50.99	980.95	---
095A	987.18	5/1/2006	6.60	---	0.00	50.91	980.58	---
095B-R	986.24	1/17/2006	4.45	---	0.00	15.66	981.79	---
095B-R	986.24	4/12/2006	5.43	---	0.00	13.58	980.81	---
095B-R	986.24	4/26/2006	5.30	---	0.00	13.30	980.94	---
095B-R	986.24	5/31/2006	5.65	---	0.00	14.58	980.59	---
111A-R	997.35	1/17/2006	18.12	---	0.00	52.26	979.23	---
111A-R	997.35	4/11/2006	13.28	---	0.00	52.17	984.07	---
111A-R	997.35	4/24/2006	14.30	---	0.00	52.06	983.05	---
111B-R	997.48	1/17/2006	18.89	---	0.00	19.88	978.59	---
111B-R	997.48	4/11/2006	13.78	---	0.00	19.79	983.70	---
111B-R	997.48	4/25/2006	13.66	---	0.00	19.73	983.82	---
114A	986.16	1/17/2006	10.65	---	0.00	52.38	975.51	---
114A	986.16	4/12/2006	7.43	---	0.00	52.21	978.73	---
114A	986.16	5/9/2006	6.34	---	0.00	52.19	979.82	---
114B-R	985.54	1/17/2006	4.83	---	0.00	15.46	980.71	---
114B-R	985.54	4/12/2006	5.80	---	0.00	15.35	979.74	---
114B-R	985.54	4/20/2006	6.03	---	0.00	15.46	979.51	---
115A	988.53	2/23/2006	13.78	---	0.00	42.57	974.75	---
115A	988.53	4/12/2006	7.91	---	0.00	42.77	980.62	---
115A	988.53	5/10/2006	8.35	---	0.00	42.70	980.18	---
115B	990.90	2/23/2006	11.00	---	0.00	15.52	979.90	---
115B	990.90	4/12/2006	11.08	---	0.00	15.74	979.82	---
115B	990.90	5/10/2006	11.60	---	0.00	15.69	979.30	---
115C	988.37	2/23/2006	11.25	---	0.00	102.76	977.12	---
51-05	996.44	1/18/2006	Water at top of well riser		---	10.58	NA	---
51-05	996.44	2/20/2006	9.07	9.00	0.07	14.40	987.44	---
51-05	996.44	3/28/2006	10.08	10.05	0.03	11.85	986.39	0.019
51-05	996.44	4/11/2006	9.99	9.93	0.06	11.75	986.51	---
51-05	996.44	5/23/2006	10.78	10.71	0.07	14.35	985.73	---
51-05	996.44	6/27/2006	9.34	---	0.00	11.88	987.10	---
51-06	997.36	1/18/2006	9.31	---	0.00	14.50	988.05	---
51-06	997.36	2/20/2006	9.55	---	0.00	14.50	987.81	---
51-06	997.36	3/28/2006	10.40	---	0.00	14.35	986.96	---
51-06	997.36	4/11/2006	10.37	---	0.00	14.63	986.99	---
51-06	997.36	5/23/2006	10.30	---	0.00	14.50	987.06	---
51-06	997.36	6/27/2006	10.58	---	0.00	14.50	986.78	---
51-07	997.08	4/11/2006	10.41	---	0.00	11.50	986.67	---

TABLE B-1
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA
JANUARY 2006 - JUNE 2006

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
51-07	997.08	5/23/2006	10.30	---	0.00	11.20	986.78	---
51-07	997.08	6/27/2006	10.60	---	0.00	11.24	986.48	---
51-08	997.08	1/4/2006	9.92	9.80	0.12	14.68	987.27	---
51-08	997.08	1/11/2006	10.05	10.00	0.05	14.68	987.08	---
51-08	997.08	1/18/2006	9.63	9.59	0.04	14.68	987.49	---
51-08	997.08	1/24/2006	9.36	9.31	0.05	14.68	987.77	---
51-08	997.08	2/1/2006	9.57	9.50	0.07	14.68	987.58	---
51-08	997.08	2/8/2006	9.30	9.28	0.02	14.68	987.80	---
51-08	997.08	2/15/2006	9.58	9.55	0.03	14.68	987.53	---
51-08	997.08	2/20/2006	9.71	9.70	0.01	14.68	987.38	---
51-08	997.08	3/1/2006	10.09	10.05	0.04	14.68	987.03	---
51-08	997.08	3/8/2006	10.32	10.30	0.02	14.68	986.78	---
51-08	997.08	3/15/2006	10.50	10.45	0.05	14.68	986.63	---
51-08	997.08	3/22/2006	10.58	10.55	0.03	14.68	986.53	---
51-08	997.08	3/28/2006	10.85	10.66	0.19	14.60	986.41	0.117
51-08	997.08	4/5/2006	10.68	10.65	0.03	14.70	986.43	---
51-08	997.08	4/11/2006	10.63	10.59	0.04	14.66	986.49	---
51-08	997.08	4/18/2006	10.67	10.65	0.02	14.68	986.43	---
51-08	997.08	4/26/2006	10.60	10.57	0.03	14.68	986.51	---
51-08	997.08	5/2/2006	10.70	10.65	0.05	14.66	986.43	---
51-08	997.08	5/10/2006	10.90	10.80	0.10	14.66	986.27	---
51-08	997.08	5/17/2006	10.80	10.65	0.15	14.65	986.42	---
51-08	997.08	5/23/2006	10.76	10.43	0.33	14.67	986.63	0.204
51-08	997.08	5/31/2006	10.61	10.60	0.01	14.68	986.48	---
51-08	997.08	6/7/2006	10.54	10.50	0.04	14.67	986.58	---
51-08	997.08	6/13/2006	10.58	10.55	0.03	14.68	986.53	---
51-08	997.08	6/21/2006	10.78	10.75	0.03	14.68	986.33	---
51-08	997.08	6/27/2006	11.10	10.80	0.30	14.68	986.26	0.185
51-09	997.70	1/18/2006	9.44	---	0.00	11.57	988.26	---
51-09	997.70	2/20/2006	9.75	---	0.00	11.60	987.95	---
51-09	997.70	4/11/2006	10.45	---	0.00	11.62	987.25	---
51-09	997.70	5/23/2006	10.60	---	0.00	11.58	987.10	---
51-09	997.70	6/27/2006	10.88	---	0.00	11.57	986.82	---
51-11	994.37	1/17/2006	12.60	---	0.00	13.60	981.77	---
51-11	994.37	2/20/2006	7.30	---	0.00	13.50	987.07	---
51-11	994.37	4/11/2006	7.71	---	0.00	13.28	986.66	---
51-11	994.37	5/23/2006	7.10	---	0.00	13.45	987.27	---
51-11	994.37	6/27/2006	8.11	---	0.00	13.50	986.26	---
51-12	996.55	1/18/2006	6.54	---	0.00	13.31	990.01	---
51-12	996.55	2/20/2006	7.06	---	0.00	13.30	989.49	---
51-12	996.55	4/11/2006	7.40	---	0.00	13.33	989.15	---
51-12	996.55	5/23/2006	7.30	---	0.00	13.30	989.25	---
51-12	996.55	6/27/2006	7.50	---	0.00	13.30	989.05	---
51-13	997.42	1/18/2006	9.33	---	0.00	10.02	988.09	
51-13	997.42	2/20/2006	DRY	---	0.00	10.02	< 987.40	
51-13	997.42	4/11/2006	DRY	---	0.00	10.02	< 987.40	---
51-13	997.42	5/23/2006	DRY	---	0.00	10.02	< 987.40	---
51-13	997.42	6/27/2006	DRY	---	0.00	9.98	< 987.44	---
51-14	996.77	1/18/2006	9.26	---	0.00	14.92	987.51	---
51-14	996.77	2/20/2006	9.75	---	0.00	14.90	987.02	---

TABLE B-1
GROUNDWATER ELEVATION AND LNAPL MONITORING/RECOVERY DATA
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GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
51-14	996.77	4/11/2006	10.36	---	0.00	14.92	986.41	---
51-14	996.77	5/23/2006	10.25	---	0.00	14.90	986.52	---
51-14	996.77	6/27/2006	10.65	---	0.00	14.90	986.12	---
51-15	996.43	1/18/2006	8.72	---	0.00	14.46	987.71	---
51-15	996.43	2/20/2006	9.30	---	0.00	12.35	987.13	---
51-15	996.43	3/28/2006	10.01	9.96	0.05	14.33	986.47	0.031
51-15	996.43	4/11/2006	9.96	9.94	0.02	14.36	986.49	---
51-15	996.43	5/23/2006	9.70	9.68	0.02	11.95	986.75	---
51-15	996.43	6/27/2006	10.10	10.04	0.06	14.30	986.39	---
51-16R	996.39	1/18/2006	9.05	8.84	0.21	14.56	987.54	---
51-16R	996.39	2/20/2006	9.10	9.03	0.07	14.53	987.36	---
51-16R	996.39	3/28/2006	10.30	9.97	0.33	14.60	986.40	0.204
51-16R	996.39	4/11/2006	9.92	9.85	0.07	14.54	986.54	---
51-16R	996.39	5/23/2006	9.70	---	0.00	14.55	986.69	---
51-16R	996.39	6/27/2006	10.10	10.03	0.07	14.54	986.36	---
51-17	996.43	1/18/2006	8.80	8.72	0.08	14.49	987.70	---
51-17	996.43	2/20/2006	9.84	8.86	0.98	14.50	987.50	0.605
51-17	996.43	3/28/2006	10.18	9.87	0.31	14.48	986.54	0.191
51-17	996.43	4/11/2006	10.37	9.70	0.67	14.49	986.68	---
51-17	996.43	5/23/2006	10.50	9.50	1.00	14.50	986.86	0.617
51-17	996.43	6/27/2006	11.00	9.80	1.20	14.50	986.55	0.740
51-18	997.12	1/18/2006	9.53	---	0.00	12.57	987.59	---
51-18	997.12	2/20/2006	9.85	---	0.00	12.58	987.27	---
51-18	997.12	4/13/2006	10.54	---	0.00	12.63	986.58	---
51-18	997.12	5/23/2006	10.35	---	0.00	12.59	986.77	---
51-18	997.12	6/27/2006	10.72	---	0.00	12.6	986.40	---
51-19	996.43	2/20/2006	9.41	9.26	0.00	14.08	987.02	---
51-19	996.43	3/28/2006	10.82	10.16	0.66	14.04	986.22	0.407
51-19	996.43	4/11/2006	10.29	10.02	0.27	14.05	986.39	---
51-19	996.43	5/23/2006	10.25	9.78	0.47	14.05	986.62	0.290
51-19	996.43	6/27/2006	10.24	---	0.00	14.06	986.19	---
51-21	1001.49	1/4/2006	14.25	P	< 0.01	NM	987.24	2.274
51-21	1001.49	1/12/2006	14.45	P	< 0.01	NM	987.04	2.274
51-21	1001.49	1/19/2006	13.73	P	< 0.01	NM	987.76	3.411
51-21	1001.49	1/26/2006	13.89	P	< 0.01	NM	987.60	4.548
51-21	1001.49	2/1/2006	13.90	P	< 0.01	NM	987.59	3.411
51-21	1001.49	2/8/2006	13.01	P	< 0.01	NM	988.48	3.411
51-21	1001.49	2/15/2006	14.10	P	< 0.01	NM	987.39	3.411
51-21	1001.49	2/22/2006	14.30	P	< 0.01	NM	987.19	3.411
51-21	1001.49	3/1/2006	14.55	P	< 0.01	NM	986.94	3.411
51-21	1001.49	3/8/2006	14.87	P	< 0.01	NM	986.62	2.274
51-21	1001.49	3/16/2006	14.90	P	< 0.01	NM	986.59	5.685
51-21	1001.49	3/22/2006	15.00	P	< 0.01	NM	986.49	2.274
51-21	1001.49	3/29/2006	15.15	---	0.00	NM	986.34	3.411
51-21	1001.49	4/6/2006	15.20	P	< 0.01	NM	986.29	2.274
51-21	1001.49	4/12/2006	15.00	P	< 0.01	NM	986.49	4.540
51-21	1001.49	4/19/2006	15.05	P	< 0.01	NM	986.44	2.270
51-21	1001.49	4/26/2006	14.98	P	< 0.01	NM	986.51	4.548
51-21	1001.49	5/4/2006	15.15	P	< 0.01	NM	986.34	4.536
51-21	1001.49	5/10/2006	15.30	P	< 0.01	NM	986.19	2.268

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
51-21	1001.49	5/17/2006	15.00	P	< 0.01	NM	986.49	3.410
51-21	1001.49	5/24/2006	14.80	P	< 0.01	NM	986.69	4.548
51-21	1001.49	6/1/2006	14.95	P	< 0.01	NM	986.54	4.548
51-21	1001.49	6/8/2006	14.90	P	< 0.01	NM	986.59	5.690
51-21	1001.49	6/14/2006	15.00	P	< 0.01	NM	986.49	4.550
51-21	1001.49	6/21/2006	15.21	P	< 0.01	NM	986.28	4.550
51-21	1001.49	6/29/2006	15.10	P	< 0.01	NM	986.39	3.410
59-01	997.52	1/18/2006	9.99	9.98	0.01	11.40	987.54	---
59-01	997.52	2/20/2006	9.96	9.95	0.01	11.40	987.57	---
59-01	997.52	4/11/2006	10.95	---	0.00	11.39	986.57	---
59-01	997.52	5/23/2006	10.90	---	0.00	11.40	986.62	---
59-01	997.52	6/27/2006	11.10	---	0.00	11.40	986.42	---
59-03R	997.64	1/18/2006	10.71	10.05	0.66	17.05	987.54	0.407
59-03R	997.64	2/20/2006	10.68	10.01	0.67	17.04	987.58	0.413
59-03R	997.64	3/28/2006	12.15	11.04	1.11	17.02	986.52	0.685
59-03R	997.64	4/11/2006	11.94	11.02	0.92	17.04	986.56	---
59-03R	997.64	5/23/2006	11.30	10.92	0.38	17.05	986.69	0.234
59-03R	997.64	6/27/2006	11.95	11.15	0.80	17.03	986.43	0.494
59-07	997.96	1/18/2006	10.31	10.30	0.01	23.53	987.66	---
59-07	997.96	2/20/2006	10.40	10.38	0.02	23.51	987.58	---
59-07	997.96	3/28/2006	11.36	11.34	0.02	23.45	986.62	0.012
59-07	997.96	4/11/2006	11.30	11.28	0.02	23.51	986.68	---
59-07	997.96	5/23/2006	11.23	11.21	0.02	23.54	986.75	---
59-07	997.96	6/27/2006	11.46	11.45	0.01	23.50	986.51	---
GMA3-10	997.54	1/4/2006	10.56	9.94	0.62	17.98	987.56	0.382
GMA3-10	997.54	1/11/2006	10.78	10.11	0.67	17.98	987.38	0.413
GMA3-10	997.54	1/18/2006	10.25	9.85	0.40	17.98	987.66	0.247
GMA3-10	997.54	1/24/2006	9.95	9.50	0.45	17.95	988.01	0.278
GMA3-10	997.54	2/1/2006	10.30	9.60	0.70	17.95	987.89	0.432
GMA3-10	997.54	2/8/2006	9.80	9.40	0.40	17.95	988.11	0.247
GMA3-10	997.54	2/15/2006	10.30	9.61	0.69	17.95	987.88	0.426
GMA3-10	997.54	2/20/2006	10.40	9.75	0.65	17.95	987.74	0.401
GMA3-10	997.54	3/1/2006	10.25	10.10	0.15	17.95	987.43	---
GMA3-10	997.54	3/8/2006	10.51	10.37	0.14	17.95	987.16	---
GMA3-10	997.54	3/15/2006	10.90	10.55	0.35	17.95	986.97	0.216
GMA3-10	997.54	3/22/2006	10.92	10.73	0.19	17.95	986.80	---
GMA3-10	997.54	3/28/2006	11.45	10.82	0.63	17.90	986.68	0.389
GMA3-10	997.54	4/5/2006	11.06	10.92	0.14	17.95	986.61	---
GMA3-10	997.54	4/13/2006	11.24	10.82	0.42	17.91	986.69	---
GMA3-10	997.54	4/18/2006	11.08	10.90	0.18	17.95	986.63	---
GMA3-10	997.54	4/26/2006	11.05	10.89	0.16	17.94	986.64	---
GMA3-10	997.54	5/2/2006	11.25	10.88	0.37	17.94	986.63	0.228
GMA3-10	997.54	5/10/2006	11.18	11.00	0.18	17.94	986.53	---
GMA3-10	997.54	5/17/2006	11.07	10.93	0.14	17.95	986.60	---
GMA3-10	997.54	5/23/2006	10.99	10.78	0.21	17.96	986.75	---
GMA3-10	997.54	5/31/2006	11.10	10.80	0.30	17.95	986.72	0.185
GMA3-10	997.54	6/7/2006	11.06	10.72	0.34	17.94	986.80	0.210
GMA3-10	997.54	6/13/2006	11.05	10.75	0.30	17.94	986.77	0.185
GMA3-10	997.54	6/21/2006	11.25	10.92	0.33	17.95	986.60	0.204
GMA3-10	997.54	6/27/2006	11.24	10.98	0.26	17.94	986.54	0.160

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
GMA3-11	997.25	2/20/2006	9.35	---	0.00	18.32	987.90	---
GMA3-11	997.25	4/13/2006	10.12	---	0.00	18.38	987.13	---
GMA3-11	997.25	5/23/2006	10.05	---	0.00	18.29	987.20	---
GMA3-11	997.25	6/27/2006	10.26	---	0.00	18.30	986.99	---
GMA3-12	997.84	1/4/2006	10.55	10.40	0.15	21.25	987.43	---
GMA3-12	997.84	1/11/2006	10.80	10.50	0.30	21.20	987.32	0.740
GMA3-12	997.84	1/18/2006	10.41	10.23	0.18	21.25	987.60	---
GMA3-12	997.84	1/24/2006	10.20	9.90	0.30	21.25	987.92	0.741
GMA3-12	997.84	2/1/2006	10.23	9.95	0.28	21.24	987.87	0.692
GMA3-12	997.84	2/8/2006	10.40	9.80	0.60	21.25	988.00	1.483
GMA3-12	997.84	2/15/2006	10.40	10.00	0.40	21.22	987.81	0.989
GMA3-12	997.84	2/20/2006	10.40	10.20	0.20	21.23	987.63	---
GMA3-12	997.84	3/1/2006	10.61	10.45	0.16	21.20	987.38	---
GMA3-12	997.84	3/8/2006	11.10	10.71	0.39	21.20	987.10	0.962
GMA3-12	997.84	3/15/2006	11.30	10.93	0.37	21.24	986.88	0.914
GMA3-12	997.84	3/22/2006	11.22	11.06	0.16	21.22	986.77	---
GMA3-12	997.84	3/28/2006	11.75	11.16	0.59	21.12	986.64	0.426
GMA3-12	997.84	4/5/2006	11.62	11.25	0.37	21.22	986.56	0.989
GMA3-12	997.84	4/13/2006	11.53	11.18	0.35	21.20	986.64	---
GMA3-12	997.84	4/18/2006	11.39	11.24	0.15	21.23	986.59	---
GMA3-12	997.84	4/26/2006	11.40	11.20	0.20	21.23	986.63	---
GMA3-12	997.84	5/2/2006	11.48	11.20	0.28	21.20	986.62	0.692
GMA3-12	997.84	5/10/2006	11.47	11.33	0.14	21.20	986.50	0.086
GMA3-12	997.84	5/17/2006	11.42	11.25	0.17	21.20	986.58	---
GMA3-12	997.84	5/23/2006	11.36	11.08	0.28	21.20	986.74	0.692
GMA3-12	997.84	5/31/2006	11.30	11.16	0.14	21.24	986.67	---
GMA3-12	997.84	6/7/2006	11.20	11.10	0.10	21.24	986.73	---
GMA3-12	997.84	6/13/2006	11.32	11.15	0.17	21.24	986.68	---
GMA3-12	997.84	6/21/2006	11.46	11.30	0.16	21.24	986.53	---
GMA3-12	997.84	6/27/2006	11.61	11.33	0.28	21.24	986.49	0.692
GMA3-13	997.73	1/4/2006	11.12	10.15	0.97	17.76	987.51	0.598
GMA3-13	997.73	1/11/2006	11.15	10.26	0.89	17.74	987.41	0.549
GMA3-13	997.73	1/18/2006	11.05	10.15	0.90	17.70	987.52	0.555
GMA3-13	997.73	1/24/2006	11.10	9.59	1.51	17.74	988.03	0.315
GMA3-13	997.73	2/1/2006	10.80	9.80	1.00	17.74	987.86	0.679
GMA3-13	997.73	2/8/2006	10.65	9.50	1.15	17.74	988.15	0.709
GMA3-13	997.73	2/15/2006	10.70	9.70	1.00	17.73	987.96	0.617
GMA3-13	997.73	2/20/2006	10.95	9.89	1.06	17.74	987.77	0.654
GMA3-13	997.73	3/1/2006	10.85	10.20	0.65	17.74	987.48	0.401
GMA3-13	997.73	3/8/2006	11.00	10.51	0.49	17.74	987.19	0.302
GMA3-13	997.73	3/15/2006	11.10	10.70	0.40	17.73	987.00	0.247
GMA3-13	997.73	3/22/2006	11.10	10.90	0.20	17.74	986.82	0.123
GMA3-13	997.73	3/28/2006	11.66	10.98	0.68	17.62	986.70	1.681
GMA3-13	997.73	4/5/2006	11.30	11.10	0.20	17.71	986.62	0.123
GMA3-13	997.73	4/11/2006	11.14	11.02	0.12	17.74	986.70	---
GMA3-13	997.73	4/18/2006	11.25	11.10	0.15	17.74	986.62	0.093
GMA3-13	997.73	4/26/2006	11.20	11.05	0.15	17.73	986.67	0.093
GMA3-13	997.73	5/2/2006	11.30	11.05	0.25	17.70	986.66	0.154
GMA3-13	997.73	5/10/2006	11.51	11.15	0.36	17.70	986.55	0.222
GMA3-13	997.73	5/17/2006	11.25	11.10	0.15	17.70	986.62	0.093

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
GMA3-13	997.73	5/23/2006	11.05	10.95	0.10	17.70	986.77	0.062
GMA3-13	997.73	5/31/2006	11.04	11.01	0.03	17.74	986.72	0.019
GMA3-13	997.73	6/7/2006	10.98	10.91	0.07	17.70	986.82	0.043
GMA3-13	997.73	6/13/2006	11.04	10.93	0.11	17.72	986.79	0.068
GMA3-13	997.73	6/21/2006	11.30	11.10	0.20	17.70	986.62	0.123
GMA3-13	997.73	6/27/2006	11.40	11.14	0.26	17.70	986.57	0.160
GMA3-14	997.42	1/18/2006	9.45	---	0.00	17.00	987.97	---
GMA3-14	997.42	2/20/2006	9.55	---	0.00	17.00	987.87	---
GMA3-14	997.42	4/13/2006	10.62	---	0.00	17.03	986.80	---
GMA3-14	997.42	5/23/2006	10.55	---	0.00	17.03	986.87	---
GMA3-14	997.42	6/27/2006	10.78	---	0.00	16.95	986.64	---
GMA3-15	996.74	3/29/2006	11.05	---	0.00	17.48	985.69	---
GMA3-15	996.74	4/11/2006	10.86	---	0.00	17.05	985.88	---
GMA3-15	996.74	5/23/2006	10.56	---	0.00	17.20	986.18	---
GMA3-15	996.74	6/27/2006	11.25	---	0.00	17.20	985.49	---
GMA3-2	991.94	1/17/2006	11.92	---	0.00	15.03	980.02	---
GMA3-2	991.94	4/12/2006	6.78	---	0.00	14.95	985.16	---
GMA3-3	990.45	1/17/2006	1.10	---	0.00	12.32	989.35	---
GMA3-3	990.45	4/11/2006	0.74	---	0.00	11.98	989.71	---
GMA3-4	994.60	1/17/2006	12.26	---	0.00	13.31	982.34	---
GMA3-4	994.60	4/11/2006	6.28	---	0.00	12.96	988.32	---
GMA3-5	993.67	1/18/2006	6.28	---	0.00	15.42	987.39	---
GMA3-5	993.67	4/12/2006	7.67	---	0.00	15.48	986.00	---
GMA3-6	997.49	1/17/2006	15.45	---	0.00	23.74	982.04	---
GMA3-6	997.49	4/11/2006	16.23	---	0.00	23.32	981.26	---
GMA3-7	1000.17	1/17/2006	18.39	---	0.00	20.02	981.78	---
GMA3-7	1000.17	4/12/2006	13.26	---	0.00	19.65	986.91	---
GMA3-7	1000.17	5/23/2006	13.11	---	0.00	19.80	987.06	---
GMA3-7	1000.17	6/27/2006	13.40	---	0.00	19.83	986.77	---
GMA3-8	996.24	1/17/2006	14.82	---	0.00	15.80	981.42	---
GMA3-8	996.24	4/11/2006	10.09	---	0.00	15.72	986.15	---
GMA3-9	992.39	1/17/2006	3.39	---	0.00	12.78	989.00	---
GMA3-9	992.39	4/11/2006	3.91	---	0.00	12.40	988.48	---
OBG-2	992.20	1/17/2006	3.69	---	0.00	14.93	988.51	---
OBG-2	992.20	4/12/2006	4.68	---	0.00	14.92	987.52	---
UB-MW-10	995.99	1/18/2006	8.32	---	0.00	15.00	987.67	---
UB-MW-10	995.99	2/20/2006	8.50	---	0.00	14.98	987.49	---
UB-MW-10	995.99	4/13/2006	9.23	---	0.00	14.98	986.76	---
UB-MW-10	995.99	5/23/2006	9.25	---	0.00	14.94	986.74	---
UB-MW-10	995.99	6/27/2006	9.51	---	0.00	14.92	986.48	---
UB-PZ-3	998.15	1/18/2006	10.75	10.60	0.15	13.41	987.54	---
UB-PZ-3	998.15	2/20/2006	11.15	10.55	0.60	13.40	987.56	0.209
UB-PZ-3	998.15	3/28/2006	12.22	11.65	0.57	13.40	986.46	0.198
UB-PZ-3	998.15	4/13/2006	11.90	11.65	0.25	13.41	986.48	---
UB-PZ-3	998.15	5/23/2006	11.72	11.60	0.12	13.41	986.54	---
UB-PZ-3	998.15	6/27/2006	11.98	11.78	0.20	13.40	986.36	---
GMA 4 Monitoring Well (Adjacent to GMA 3								
GMA4-3	1,003.95	1/18/2006	16.11	---		26.27	987.84	---
GMA4-3	1,003.95	2/20/2006	10.14	---		26.25	993.81	---
GMA4-3	1,003.95	4/13/2006	17.26	---		26.27	986.69	---

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Total Depth (ft BMP)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)
GMA4-3	1,003.95	5/23/2006	17.21	---		26.25	986.74	---
GMA4-3	1,003.95	6/27/2006	17.30	---		26.25	986.65	---
Surface Water Staff Gauges								
GMA3-SG-1	988.90	1/18/2006	2.10	---	---	---	991.00	---
GMA3-SG-2	981.61	1/18/2006	2.80	---	---	---	984.41	---
GMA3-SG-2	981.61	4/12/2006	1.38	---	---	---	982.99	---
GMA3-SG-3	989.42	1/18/2006	2.00	---	---	---	991.42	---
GMA3-SG-3	989.42	4/12/2006	1.72	---	---	---	991.14	---
GMA3-SG-4	989.71	4/12/2006	0.56	---	---	---	990.27	---

Notes:

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL was not present in a measurable quantity
3. NA indicates information not available
4. NM indicates information not measured
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet
   the corresponding thickness is recorded as such
6. Survey reference points were established on GMA 3 staff gauges at an elevation corresponding to 0.0 feet on the gauges. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

Appendix C

Field Sampling Data

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TABLE C-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Sampling Method									Comments
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	
2A	PP/BA	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
6B/6B-R	PP/BA	NS	NS	NS	NS	PP	PP	PP	PP	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 6B-R to be installed. Fall 2004: Well 6B replaced by 6B-R. Water level in well dropped below top of pump intake during purging - intake was lowered and well was successfully sampled.
16A	PP	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
16B-R	BP	NS	NS	NS	BP	BP	BP	BP	BP	Spring 2002: Possible dissolved oxygen meter malfunction (readings decreased to zero during purging.) Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Water level in well dropped below top of bladder pump during purging and stabilized at unknown point above pump intake, could not measure. Fall 2005: Water level in well dropped below top of bladder pump during purging and stabilized at unknown point above pump intake, could not measure.
16C/16C-R	PP/BA	NS	NS	NS	NS	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 16C-R installed. Spring 2005: Well 16C replaced by 16C-R. Unable to obtain samples with turbidity below 50 NTU, despite re-development of well and purging at extremely low flow rates.
39B-R	NS	NS	NS	NS	PP	NS	PP	PP	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are routinely collected during the fall rounds. Spring 2002: Well not sampled as installation was not completed prior to sampling event. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Fall 2005: Supplemental VOC sampling performed.
39D/39D-R	PP/BA	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2005: Well 39D replaced by 39D-R.

TABLE C-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Sampling Method									Comments
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	
39E	PP/BA	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Insufficient groundwater removed during initial sampling attempt to clear sample tubing. Analysis was cancelled and well was re-sampled, using smaller diameter tubing.
43A	PP	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
43B	PP	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
51-14	BP	NS	NS	NS	BP	BP	BP	BP	NS	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
54B/54B-R	PP/BA	NS	NS	NS	NS	NS	PP	PP	PP	Spring 2002: Bladder pump clogged due to high organic matter content in well, switched to peristaltic/bailer method. Unable to reduce turbidity below 50 NTU. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well 54B found to be unusable and not sampled. Replacement well 54B-R to be installed. Spring 2005: Well 54B replaced by 54B-R. Fall 2005: Well almost went dry during sampling - had to add extra tubing to finish sampling. Only 0.5' of water left in well following sampling.
78B-R	BP	PP	BP	BP	BP	BP	BP	BP	NS	Spring 2002: Dissolved oxygen meter malfunction. Fall 2002: Dissolved oxygen meter malfunction. Spring 2004: VOC samples received at laboratory above temperature criteria. Analysis cancelled and samples re-collected.
82B-R	NS	NS	NS	NS	NS	PP	PP	PP	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well 82B found to be unusable and not sampled. Replacement well 82B-R to be installed. Fall 2004: Sampling initiated at well 82B-R.

TABLE C-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Sampling Method									Comments
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	
89A	NS	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2005: Base of well under standing water.
89B	NS	NS	NS	NS	PP	PP	PP	PP	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2005: Base of well under standing water.
89D-R	NS	NS	NS	NS	NS	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well 89D found to be unusable and not sampled. Replacement well 89D-R to be installed. Spring 2005: Sampling conducted on two separate dates to obtain complete sample set.
90A	NS	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
90B	NS	NS	NS	NS	PP	PP	PP	PP	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: VOC samples received at laboratory above temperature criteria. Analysis cancelled and samples re-collected.
95A	NS	NS	NS	NS	PP	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA.
95B-R	NS	NS	NS	NS	NS	PP	PP	PP	PP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well found to be unusable and not sampled. Replacement well 95B-R to be installed. Fall 2004: Well 95B replaced by 95B-R.
111A-R	NS	NS	NS	NS	NS	NS	PP	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well 111A found to be unusable and not sampled. Replacement well 111A-R t be installed. Spring 2005: Sampling initiated at well 111A-R.

TABLE C-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Sampling Method									Comments
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	
111B/111B-R	NS	NS	NS	NS	BP	BP	BP	BP	BP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Water level in well dropped below top of bladder pump during purging and stabilized at unknown point above pump intake, could not measure. Fall 2004: Well dried during purging and recharged sufficient volume to collect VOC samples only (several sampling attempts made). Replacement well 111B-R to be installed. Spring 2005: Well 111B replaced by 111B-R.
114A	NS	NS	NS	NS	PP	NS	PP	PP	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are routinely collected during the fall rounds. Spring 2002 and Spring 2003: Sampling deferred due to property access issues at portions of the GMA. Fall 2005: Supplemental VOC sampling performed.
114B/114B-R	NS	NS	NS	NS	BP	BP	BP	BP	BP	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Well dried during purging, several sampling visits required to collect required sample volume. Fall 2004: Well 114B replaced by 114B-R.
115A	NS	NS	NS	NS	NS	NS	NS	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2006: Well 115A added to natural attenuation monitoring program.
115B	NS	NS	NS	NS	NS	NS	NS	NS	PP	This well is scheduled for annual sampling for natural attenuation parameter analysis during the spring sampling events only. Therefore no samples are collected during the fall rounds. Spring 2006: Well 115A added to natural attenuation monitoring program.
GMA3-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	Spring 2002 to Spring 2004: Well not sampled as installation has been deferred until re-routing of Unkamet Brook is completed.
GMA3-2	BP	NS	NS	NS	BP	BP	BP	BP	NS	Spring 2002: Possible dissolved oxygen meter malfunction (readings decreased to zero during purging.) Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-3	NS	NS	NS	NS	PP	PP	PP	PP	NS	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.

TABLE C-1
SUMMARY OF GROUNDWATER SAMPLING METHODS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Well ID	Sampling Method									Comments
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	
GMA3-4	BP	NS	NS	NS	BP	BP	BP	BP	NS	Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2004: Unable to maintain turbidity below 50 NTU during purging.
GMA3-5	NS	NS	NS	NS	BP	BP	BP	BP	NS	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-6	BP	NS	NS	NS	BP	BP	BP	BP	NS	Spring 2002: Possible dissolved oxygen meter malfunction (readings decreased to zero during purging.) Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Fall 2005: Possible PH meter malfunction (only parameter that would not stabilize).
GMA3-7	NS	NS	NS	NS	PP	BP	PP	PP	NS	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Spring 2005: Peristaltic pump used for sampling instead of bladder pump.
GMA3-8	NS	NS	NS	NS	PP	PP	PP	PP	NS	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
GMA3-9	NS	NS	NS	NS	PP	PP	PP	PP	NS	Spring 2002: Well not sampled as installation was not completed prior to sampling event. Fall 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA.
OBG-2	NS	NS	NS	NS	BP	BP	BP	BP	NS	Spring 2002 through Fall 2003: Sampling deferred due to property access issues at portions of the GMA. Fall 2004: Unable to maintain turbidity below 50 NTU during purging. Spring 2005: Well cover found to be damaged; well still usable. Fall 2005: Purged well for over 2.5 hours; turbidity stablized over 110 NTU.

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

GROUNDWATER SAMPLING LOG

Well No. 2A
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-3
Sampling Personnel JAP/TCR
Date 4/19/06
Weather Sunny, windy, 60°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ~+3.5' Meas. From GROUND
Well Diameter 1"
Screen Interval Depth 45-50' Meas. From BGS
Water Table Depth 8.03' Meas. From TOC
~~55.21'~~ 55.21' Well Depth ~~8.03'~~ Meas. From TOC
Length of Water Column 47.18
Volume of Water in Well
Intake Depth of Pump/Tubing 47.5' Meas. From TOC

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

Redevelop? Y (N)

Sample Time 1450
Sample ID 2A
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
(X)	SVOCs (Limited)	(X)
( )	PCBs (Unfiltered)	( )
( )	PCBs (Filtered)	( )
( )	Metals/Inorganics (Unfiltered)	( )
( )	Metals/Inorganics (Filtered)	( )
( )	Total Cyanide (Unfiltered)	( )
( )	Total Cyanide (Filtered)	( )
( )	PAC Cyanide (Filtered)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
(X)	Natural Attenuation	(X)
( )	Other (Specify)	( )

EVACUATION INFORMATION (JP)

Pump Start Time 1353
Pump Stop Time 1511
Minutes of Pumping 97
Volume of Water Removed ~2.9 gal
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: HACH TURBIDIMETER S/N 02100028323
YSI 556 MPS #2 (03C0392 AE)

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1354	200	0.053	8.20	—	—	—	12	—	—
1404	150	0.450	8.19	12.07	8.02	0.382	10	4.55	-219.1
1409	140	0.635	8.18	12.05	8.11	0.393	12	1.18	-219.0
1414	140	0.820	8.18	12.22	8.13	0.400	11	0.92	-208.6
1419	140*	1.005	8.18	~~12.39~~ 12.17	8.22	0.403	8	0.82	-204.0
1424	140	1.190	8.18	12.05	8.22	0.402	6	0.65	-191.3
1429	140	1.375	8.18	11.80	8.26	0.403	3	0.61	-177.9
1434	140	1.560	8.18	11.85	8.26	0.404	2	0.55	-179.9

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE: Clear, colorless, slightly turbid, slight odor. (to moderate)

*As low as dial will go on geopump.

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via:
Airbill #:

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 2A

Site/GMA Name GMA-3
Sampling Personnel JAP/TCR
Date 4/19/06
Weather Sunny, Windy, 60's F

WELL INFORMATION - See Page 1

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1439	140	1.745	8.18	11.80	8.26	0.405	1	0.52	-178.6
1444	140	1.930	8.18	11.75	8.29	0.405	1	0.50	-179.9

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. GB-R
Key No. MASTER Z537
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 3 PLASTICS
Sampling Personnel JJG JJG
Date 4/19/06
Weather SUNNY, 60°

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ____ Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 2 - 12' Meas. From GROUND
Water Table Depth 6.80' Meas. From T.I.C
Well Depth 19.50' Meas. From T.I.C
Length of Water Column 7.70'
Volume of Water in Well 1.26 GAL.
Intake Depth of Pump/Tubing 11.50' Meas. From T.I.C

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

Redevelop? Y (N)

Sample Time 1400
Sample ID GB-R
Duplicate ID ____
MS/MSD ____
Split Sample ID ____

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

EVACUATION INFORMATION

Pump Start Time 1320
Pump Stop Time 1900
Minutes of Pumping 50 MIN.
Volume of Water Removed 3L
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (mL/min.)	Total ~~Gallons~~ Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1330	100	—	7.60'	8.84	11.60	0.411	3	737.20	91.3
1335	100	500	7.61'	8.68	11.43	0.409	2	291.97	91.5
1340	100	1000	7.61'	8.61	11.34	0.410	2	238.48	92.3
1345	100	1500	7.61'	8.63	11.36	0.409	2	217.20	92.0
1350	100	2000	7.61'	8.64	11.38	0.409	2	218.22	90.9
1355	100	2500	7.61'	8.64	11.37	0.409	2	217.92	90.9

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS ____

SAMPLE DESTINATION

Laboratory SGS LABORATORY, CHARLESTON, WV
Delivered Via: SGS COURIER
Airbill #: ____

Field Sampling Coordinator: JJG

GROUNDWATER SAMPLING LOG

Well No. 16A
Key No. N/A
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 4 MERRILL RD.
Sampling Personnel JJB, JTG
Date 9/20/06
Weather SUNNY, 60°

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point — Meas. From GRADE
Well Diameter 2"
Screen Interval Depth 44-50' Meas. From GRADE
Water Table Depth 6.96 Meas. From GRADE
Well Depth 50.98 Meas. From GRADE
Length of Water Column 44.02
Volume of Water in Well 7.18 GAL
Intake Depth of Pump/Tubing 47.0' Meas. From GRADE

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

Redevelop? Y (N)

Sample Time 1150
Sample ID 16A
Duplicate ID
MS/MSD
Split Sample ID

Required	Analytical Parameters:	Collected
(X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
(X)	SVOCs	(X)
( )	PCBs (Unfiltered)	( )
( )	PCBs (Filtered)	( )
( )	Metals/Inorganics (Unfiltered)	( )
( )	Metals/Inorganics (Filtered)	( )
( )	Total Cyanide (Unfiltered)	( )
( )	Total Cyanide (Filtered)	( )
( )	PAC Cyanide (Filtered)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
(X)	Natural Attenuation	(X)
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 1000
Pump Stop Time
Minutes of Pumping
Volume of Water Removed
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MPS #3, HACH TURBIDIMETER

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1000	100	—	6.96				401		
1005	100	500	7.12				390		
1010	100	1000	7.82				292		
1015	100	1500	7.92				266		
1020	100	2000	8.42				232		
1025	100	2500	8.81				202		
1030	100	3000	9.03				160		
1035	100	3500	9.03				123		

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS CANTON, WV
Delivered Via: SGS COURIER
Airbill #:

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 16A

Site/GMA Name GMA 4 MERRILL ROAD
Sampling Personnel TJB, JTG
Date 9/20/06
Weather SUNNY, 60°

WELL INFORMATION - See Page 1

Time	Pump Rate (mL/min.)	Total ~~Gallons~~ Ml Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1040	100	4000	9.03				99		
1045	100	4500	8.83				80		
1050	100	5000	8.84				66		
1055	100	5500	8.84				56		
1100	100	6000	8.84				52		
1105	100	6500	8.83				44		
1110	100	7000	8.83	13.04	10.54	3.237	45	13.02	-183.8
1115	100	7500	8.83	12.74	10.94	6.255	44	3.04	-187.9
1120	100	8000	8.84	12.75	11.20	6.230	44	2.34	-182.1
1125	100	8500	8.84	12.79	11.32	6.200	35	0.77	-183.5
1130	100	9000	8.87	12.69	11.67	6.199	30	0.50	-185.9
1135	100	9500	8.84	12.82	11.72	6.194	22	0.42	-186.9
1140	100	10000	8.84	12.66	11.77	6.195	23	0.40	-187.5
1145	100	10500	8.84	12.65	11.76	6.190	22	0.40	-187.2

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 16B-R
Key No. EX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-3
Sampling Personnel JAP/TOR
Date 4/20/06
Weather Sunny, 70°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +3.5' Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 3.08-13.08' Meas. From BGS
Water Table Depth 9.13' Meas. From TOC
Well Depth 16.51' Meas. From TOC
Length of Water Column 7.38
Volume of Water in Well 1.17 gal
Intake Depth of Pump/Tubing ~~~12~~ 11 Meas. From TOC

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

Redevelop? Y N

Sample Time 1140
Sample ID 16B-R
Duplicate ID —
MS/MSD Collected here
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
( )	SVOCs	( )
( )	PCBs (Unfiltered)	( )
( )	PCBs (Filtered)	( )
( )	Metals/Inorganics (Unfiltered)	( )
( )	Metals/Inorganics (Filtered)	( )
( )	Total Cyanide (Unfiltered)	( )
( )	Total Cyanide (Filtered)	( )
( )	PAC Cyanide (Filtered)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
(X)	Natural Attenuation	(X)
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 950
Pump Stop Time 1225
Minutes of Pumping 155
Volume of Water Removed ~4 gal
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: HACH TURBIDMETER S/N 94110000 6523
YSI 556 MPS #4 S/N 03M02230

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
950	400	0.106	+11'	—	—	—	10	—	—
955	100	0.238	+11' *	—	—	—	64	—	—
1000	75	0.337	+11' *	—	—	—	58	—	—
1005	50	0.403	+11' *	—	—	—	33	—	—
1013	75	0.562	+11' *	11.19	6.167	1.728	14	3.72	67.0
1018	100	0.694	+11' *	10.89	6.162	1.774	20	1.74	-9.0
1023	100	0.826	+11' *	10.60	6.162	1.794	17	1.33	-53.7
1028	75	0.925	+11 *	10.84	6.167	1.824	16	1.16	-71.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE: Clear, slight odor, slightly turbid

* Lowered pump slightly because water level ~~probe~~ (JP) dropped past top of bladder. Can't lower it any more

SAMPLE DESTINATION

Laboratory:
Delivered Via:
Airbill #:

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 16B-R

Site/GMA Name GMA-3
Sampling Personnel JAP/TOR
Date 4/20/06
Weather Sunny, 70° F

WELL INFORMATION - See Page 1

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1033	100	1.057	+11'*	10.33	6.67	1.893	13	1.13	-103.6
1038	100	1.189	+11'*	10.17	6.68	1.942	11	1.04	-128.7
1041	100	~~1.327~~ (JP)	+11'*	10.15	6.70	2.021	10	1.02	-143.5
1044	100	1.347	+11'*	10.18	6.70	2.052	10	0.98	-150.9
1047	100	1.426	+11'*	10.23	6.70	2.090	8	0.97	-162.4
1050	100	1.505	+11'*	10.37	6.74	2.105	7	0.94	-169.1
1053	100	1.584	+11'*	10.50	6.74	2.122	7	0.92	-169.8
1056	100	1.663	+11'*	10.77	6.77	2.162	14	2.43	-186.5
1059	100	1.742	+11'*	11.09	6.77	2.170	25	4.48	-189.6
1103	100	~~1.821~~ 1.847 (JP)	+11'*	11.53	6.80	2.167	19	6.65	-178.1
1106	100	~~1.900~~ 1.927 (JP)	+11'*	11.14	6.88	2.175	15	6.54	-174.9
1109	100	~~1.979~~ (JP)	+11'*	9.36	6.73	2.174	14	3.45	-177.0
1112	100	~~2.058~~ (JP)	"	8.71	6.71	2.260	30	1.88	-186.0
1115	100	2.163	"	8.53	6.70	2.390	15	1.70	-190.1
1118	100	2.242	"	9.10	6.71	2.397	12	2.06	-189.3
1121	100	2.321	"	9.81	6.77	2.405	10	2.10	-189.6
1123	100	2.400	"	10.04	6.77	2.404	8	2.03	-187.4
1126	100	2.479	"	11.07	6.80	2.392	9	1.95	-187.9
1129	100	2.558	"	11.63	6.86	2.365	7	1.52	-188.0
1132	100	2.637	"	11.68	6.87	2.358	7	1.49	-190.1
1135	100	2.716	"	11.83	6.87	2.342	7	1.42	-190.0

1.268

wered pump ~1'

2.005

2.084

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS * See Page 1 of 2; Had to lower pump ~1' foot during sampling; water level dropped

GROUNDWATER SAMPLING LOG

Well No. 16C-R
Key No. MASTER LOCK
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES
Date APRIL 26, 2006
Weather SUNNY, COOL BREEZE, 30S

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 1.91 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 90-100 Meas. From TIC
Water Table Depth 7.44 Meas. From TIC
Well Depth 102.21 Meas. From TIC
Length of Water Column 94.77
Volume of Water in Well 15.5 gallons
Intake Depth of Pump/Tubing 95.0' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 1045
Sample ID 16C-R
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 0935
Pump Stop Time 11:15
Minutes of Pumping 100
Volume of Water Removed 2.6 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate ~~(L/min.)~~ ml/min.	Total ~~Gallons~~ mL Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0940	100	—	7.44	—	—	—	22	—	—
0945	100	500	8.51	—	—	—	22	—	—
0950	100	1000	9.45	10.09	8.35	0.241	24	5.29	213.2
0955	100	1500	10.40	10.19	9.43	0.228	23	2.38	199.7
1000	100	2000	11.38	10.20	9.53	0.226	21	1.93	181.9
1005	100	2500	12.12	10.45	10.95	0.225	~~[illegible]~~ 31	1.72	168.2
1010	100	3000	12.80	10.77	11.40	0.225	30	1.64	152.9
1015	100	3500	13.06	10.93	11.64	0.225	31	1.61	147.8

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS COLORLESS.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER/UPS
Airbill #:

Field Sampling Coordinator: [signature]

U:\Monitoring Well Forms\Groundwater Monitoring Form.xls

GROUNDWATER SAMPLING LOG

Well No. 16C-R

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES
Date APRIL 26, 2006
Weather SUNNY, COOL BREEZE, 30s/40s

WELL INFORMATION - See Page 1

Time	Pump Rate ~~(L/min.)~~ mL/min	Total ~~Gallons~~ Removed mL	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1020	100	4000	13.32	11.07	12.13	0.225	30	1.55	141.2
1025	100	4500	13.65	11.02	11.61	0.226	26	1.49	182.1
1030	100	5000	13.70	11.13	11.56	0.225	24	1.45	128.3
1035	100	5500	13.79	10.98	11.60	0.225	22	1.44	122.8
1040	100	6000	13.85	10.61	11.63	0.225	23	1.45	119.4
SAMPLE TIME = 1045									

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. 39B-R
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES, ERR
Date APRIL 20, 2006
Weather SUNNY, 50s, BREEZY.

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point -0.20 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth ____ Meas. From ____
Water Table Depth 6.14 Meas. From TIC
Well Depth 13.58 Meas. From ____
Length of Water Column ____
Volume of Water in Well ____
Intake Depth of Pump/Tubing ____ Meas. From ____

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

Redevelop? Y N

Sample Time 1145
Sample ID 39B-R
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1035
Pump Stop Time ____
Minutes of Pumping ____
Volume of Water Removed ____
Did Well Go Dry? Y N

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1050	100	—	6.14	—	—	—	3	—	—
1055	100	500	6.16	10.72	9.02	1.722	5	5.05	-121.6
1100	100	1000	6.16	10.03	7.97	1.767	2	1.18	-116.2
1105	100	1500	6.16	9.84	7.87	1.769	2	1.11	-115.7
1110	100	2000	6.16	10.33	7.91	1.774	2	0.95	-114.3
1115	100	2500	6.16	9.98	7.76	1.794	1	0.88	-113.5
1120	100	3000	6.16	9.87	7.75	1.801	1	0.84	-114.0
1125	100	3500	6.16	9.93	7.70	1.813	1	0.83	-114.0

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS VERY TURBID (>999); WAITED APPROXIMATELY 15 MINUTES BEFORE TAKING INITIAL READINGS.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: ____

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 39B-R

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES/ERP
Date APRIL 20, 2006
Weather SUNNY, 60s, BREEZY

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1130	100	4000	6.16	10.16	7.68	1.826	1	0.83	-114.2
1135	100	4500	6.16	10.26	7.67	1.825	1	0.81	-114.2
1140	100	5000	6.16	10.20	7.68	1.825	1	0.81	-113.9
SAMPLE TIME		1145							

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. 39D-R
Key No. MASTER LOCK
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 3 - PITTSFIELD, MA
Sampling Personnel AES, ERR
Date APRIL 20, 2006
Weather SUNNY, 40s, BREEZY

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point 2.72 - 0.30 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth ___ Meas. From ___
Water Table Depth 8.55 Meas. From TIC
Well Depth 63.14 Meas. From ___
Length of Water Column ___
Volume of Water in Well ___
Intake Depth of Pump/Tubing ___ Meas. From ___

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

Redevelop? Y N

Sample Time 1025
Sample ID 39D-R
Duplicate ID ___
MS/MSD ___
Split Sample ID ___

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

EVACUATION INFORMATION

Pump Start Time 0923
Pump Stop Time ___
Minutes of Pumping ___
Volume of Water Removed ___
Did Well Go Dry? Y N

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

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

Time	Pump Rate ~~(L/min.)~~ mL/min	Total ~~Gallons~~ mL Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0925	100	—	8.55	—	—	—	22	—	—
0930	100	500	8.95	11.51	7.82	0.440	18	9.22	67.4
0935	100	1000	8.98	11.26	7.33	0.442	21	1.77	15.8
0940	100	1500	9.02	11.55	7.60	0.441	20	0.83	-30.3
0945	100	2000	8.97	11.48	7.72	0.441	19	0.75	-40.0
0950	100	2500	8.95	11.54	7.67	0.440	20	0.71	-38.7
0955	100	3000	8.95	11.55	7.87	0.439	21	0.60	-58.1
1000	100	3500	8.95	11.51	7.85	0.438	18	0.59	-60.6

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS CLEAR WITH LOW TURBIDITY.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: ___

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 39D-R

Site/GMA Name GMA 3 - PITTSFIELD, MA
Sampling Personnel AES, ERR
Date APRIL 20, 2006
Weather SUNNY, 50s, BREEZY

WELL INFORMATION - See Page 1

Time	Pump Rate ~~(L/min.)~~ mL/min	Total ~~Gallons~~ Removed mL	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1005	100	4000	8.95	11.61	7.87	0.438	16	0.57	-64.0
1010	100	4500	8.95	11.57	7.88	0.437	16	0.58	-73.5
1015	100	5000	8.95	11.61	7.90	0.436	17	0.58	-75.6
1020	100	5500	8.95	11.68	7.92	0.435	17	0.54	-80.1
SAMPLE TIME 1025									

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. 39E
Key No. —
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 - PITSFIELD, MA
Sampling Personnel AES, ERR
Date APRIL 20, 2006
Weather SUNNY, 50s/60s, BREEZY.

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point ____ Meas. From ____
Well Diameter 4"
Screen Interval Depth ____ Meas. From ____
Water Table Depth 5.36 Meas. From TIC
Well Depth ±208' Meas. From TIC
Length of Water Column ____
Volume of Water in Well ____
Intake Depth of Pump/Tubing ____ Meas. From ____

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

Redevelop? Y N

Sample Time 1425
Sample ID 39E
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1330
Pump Stop Time ____
Minutes of Pumping ____
Volume of Water Removed ____
Did Well Go Dry? Y N

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

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

Time	Pump Rate (L/min.) mL/min	Total ~~Gallons~~ Removed mL	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1330	100	—	5.86	—	—	—	59	—	—
1335	100	500	5.61	—	—	—	23	—	—
1340	100	1000	5.76	11.87	10.17	0.135	15	8.69	-89.7
1345	100	1500	5.91	11.73	9.34	0.137	5	2.54	-100.3
1350	100	2000	6.06	11.63	9.02	0.139	4	1.66	-106.2
1355	100	2500	6.10	11.90	8.74	0.148	3	0.98	-120.1
1400	100	3000	6.10	11.81	8.65	0.152	3	0.92	-121.7
1405	100	3500	6.10	11.67	8.59	0.157	2	0.86	-126.6

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS COLORLESS - LOW TURBIDITY.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: ____

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 39E

Site/GMA Name GMA8 - PITSFIELD, MA
Sampling Personnel AES/ERR
Date APRIL 20, 2006
Weather SUNNY, 70s, SLIGHT BREEZE

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1410	100	4000	6.10	11.68	8.55	0.159	2	0.82	-127.2
1415	100	4500	6.10	11.70	8.44	0.162	2	0.75	-131.7
1420	100	5000	6.10	11.77	8.43	0.164	2	0.70	-134.2
1425	100	5500	6.10	11.82	8.36	0.166	2	0.66	-137.8
1430	100	6000	6.10	11.70	8.39	0.165	3	0.63	-140.0
SAMPLE TIME		1435							

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. 43A
Key No. FX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 PITTSFIELD, MA
Sampling Personnel AES, ERR
Date APRIL
Weather SUNNY, HIGH 60s

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point 1.85±.01 Meas. From :
Well Diameter 1.5"
Screen Interval Depth ____ Meas. From ____
Water Table Depth 9.49 Meas. From TIC
Well Depth 51.37 Meas. From TIC
Length of Water Column ____
Volume of Water in Well ____
Intake Depth of Pump/Tubing ____ Meas. From ____

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

Redevelop? Y N

Sample Time 1420
Sample ID 43A
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1320
Pump Stop Time ____
Minutes of Pumping ____
Volume of Water Removed ____
Did Well Go Dry? Y N

Evacuation Method: Bailer ( ) Bladder Pump ( )
Peristaltic Pump (X) Submersible Pump ( ) Other/Specify ( )
Pump Type: GEOPUMP2
Samples collected by same method as evacuation? (Y) N (specify)

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

Time	Pump Rate ~~(L/min)~~ mL/min	Total ~~Gallons~~ Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1320	150	—	9.49	—	—	—	21	—	—
1325	150	~~750~~	11.67	12.36	7.19	0.458	14	2.03	-153.9
1330	150	~~1500~~	12.35	12.26	7.20	0.428	12	1.14	-220.5
1335	150	2250	13.65	12.59	7.38	0.410	12	0.95	-242.2
1340	150	3000	14.65	12.79	7.42	0.410	10	0.72	-262.8
1345	150	3750	15.70	12.97	7.46	0.410	11	0.59	-271.5
1350	150	4500	16.65	13.08	7.49	0.414	12	0.53	-279.7
1355	150	5250	17.80	13.06	7.50	0.422	11	0.44	-292.2

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS SLIGHTLY BROWN, THEN TURNS CLEAR.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: ____

Field Sampling Coordinator: James E Fleming

GROUNDWATER SAMPLING LOG

Well No. 43A

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES, ERR
Date APRIL 19, 2006
Weather SUNNY, 60s, WINDY

WELL INFORMATION - See Page 1

Time	Pump Rate ~~(L/min.)~~	Total ~~Gallons~~ Removed (mL)	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1400	150	6000	18.10	13.09	7.50	0.433	10	0.40	-297.8
1405	150	6750	19.21	12.95	7.49	0.444	9	0.36	-303.8
1410	150	7500	20.00	12.89	7.45	0.445	9	0.34	-309.5
1415	150	8250	20.98	12.87	7.42	0.446	10	0.32	-304.8
SAMPLE TIME 1420									

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. 43B
Key No. FX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel MES, ERR
Date APRIL 19, 2006
Weather SUNNY, 60s, WINDY

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point 1.64 - 0.03 Meas. From CEMENT COMPLETION.
Well Diameter ___
Screen Interval Depth ___ Meas. From ___
Water Table Depth 5.85 Meas. From TIC
Well Depth 21.35 Meas. From TIC
Length of Water Column ___
Volume of Water in Well ___
Intake Depth of Pump/Tubing ___ Meas. From ___

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

Redevelop? Y N

Sample Time 1520
Sample ID 43B
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1485
Pump Stop Time ___
Minutes of Pumping ___
Volume of Water Removed ___
Did Well Go Dry? Y N

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1440	100	—	5.85	—	—	—	16	—	—
1445	100	500	7.40	10.77	6.88	1.169	17	2.13	-165.4
1450	100	1000	7.98	10.64	6.80	1.176	15	0.87	-185.7
1455	100	1500	8.75	10.66	6.82	1.186	21	0.59	-192.2
1500	100	2000	9.50	10.83	6.83	1.184	22	0.54	-195.7
1505	100	2500	9.85	11.02	6.84	1.181	23	0.48	-197.1
1510	100	3000	10.55	11.55	6.87	1.183	22	0.41	-199.0
1516	100	3500	11.30	11.77	6.88	1.182	22		-199.6

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS CLEAR - LOW TURBIDITY. TURBIDITY STABILIZED AROUND 20 NTU. SAMPLE TIME 1520

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: ___

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 54B-R
Key No. MASTER LOCK
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES, ASA
Date APRIL 26, 2006
Weather SUNNY, 60S, SLIGHT BREEZE

WELL INFORMATION

Reference Point Marked? Y N
Height of Reference Point 2.42 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 3-13 Meas. From TIC
Water Table Depth 4.20 Meas. From TIC
Well Depth 15.50 Meas. From TIC
Length of Water Column 11.3'
Volume of Water in Well 1.84 gallons
Intake Depth of Pump/Tubing 8.70' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 1450
Sample ID 54B-R
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
(X)	SVOCs	(X)
(X)	PCBs (Unfiltered)	(X)
(X)	PCBs (Filtered)	(X)
(X)	Metals/Inorganics (Unfiltered)	( )
(X)	Metals/Inorganics (Filtered)	( )
(X)	Total Cyanide (Unfiltered)	(X)
~~(X)~~	~~Total Cyanide (Filtered)~~	~~(X)~~
(X)	EPA [redacted] Cyanide (Filtered) - Total	(X)
(X)	PCDDs/PCDFs	(X)
(X)	Pesticides/Herbicides	( )
( )	Natural Attenuation	( )
(X)	Other (Specify) SULFIDE	(X)

EVACUATION INFORMATION

Pump Start Time 1345 AES
Pump Stop Time 1600
Minutes of Pumping 135
Volume of Water Removed 3.6 gallons
Did Well Go Dry? (Y) N

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1350	100	—	4.20	—	—	—	8	—	—
1355	100	500	6.01	9.47	9.98	0.691	4	3.48	-116.6
1400	100	1000	6.42	9.59	9.20	0.688	3	2.06	-118.1
1405	100	1500	6.45	9.40	8.74	0.688	3	1.74	-118.6
1410	100	2000	6.58	9.45	8.49	0.686	3	1.57	-119.5
1415	100	2500	6.62	9.48	8.44	0.684	3	1.50	-120.1
1420	100	3000	7.53	9.54	8.81	0.683	3	1.41	-120.3
1425	100	3500	7.82	9.58	8.21	0.682	2	1.38	-120.2

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS COLORLESS.
MS/MSD TO BE COLLECTED HERE FOR PESTICIDES/HERBICIDES.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER/UPS
Airbill #: _____

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 54B-R

Site/GMA Name GMAB - PITTSFIELD, MA
Sampling Personnel AES, ASA
Date APRIL 26, 2006
Weather SUNNY, 60s, SLIGHT BREEZE

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1430	100	4000	7.95	~~9.61~~ 6-45	8.12	0.682	3	1.36	-120.4
1435	100	4500	8.34	8.52	8.07	0.682	3	1.32	-119.9
1440	100	5000	8.72	9.50	8.10	0.682	3	1.80	-119.4
1445	100	5500	9.05	9.53	8.07	0.681	3	1.27	-118.6
SAMPLE TIME 1450									

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS WATER BECOMES MORE TURBID AS WATER LEVEL DROPS DURING SAMPLING. WELL BECOMES DRY AT APPROXIMATELY 1600. SAMPLED FOR PCBs (TOTAL/FILTERED), SVOCs, PCDD/PCDF, VOCs (STD.), CYANIDE (FILTERED/TOTAL), AND SULFIDE.

GROUNDWATER SAMPLING LOG

Well No. 54B-R
Key No. MASTER LOCK
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 8 - PITTSFIELD, MA
Sampling Personnel AES
Date APRIL 28, 2006
Weather SUNNY, 50s

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point ___ Meas. From ___
Well Diameter ___
Screen Interval Depth ___ Meas. From ___
Water Table Depth 4.32 Meas. From TIC
Well Depth ___ Meas. From ___
Length of Water Column ___
Volume of Water in Well ___
Intake Depth of Pump/Tubing ___ Meas. From ___

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

Redevelop? Y N

Sample Time 0940
Sample ID 54B-R
Duplicate ID —
MS/MSD 54B-R MS/MSD
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
( )	SVOCs	( )
( )	PCBs (Unfiltered)	( )
( )	PCBs (Filtered)	( )
(X)	Metals/Inorganics (Unfiltered)	(X)
(X)	Metals/Inorganics (Filtered)	(X)
(X) AES	Total Cyanide (Unfiltered)	(X) AES
(X)	Total Cyanide (Filtered)	(X)
( )	PAC Cyanide (Filtered)	( )
( )	PCDDs/PCDFs	( )
(X)	Pesticides/Herbicides	(X)
( )	Natural Attenuation	( )
( )	Other (Specify)	( )

EVACUATION INFORMATION

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

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

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

Time	Pump Rate ~~(L/min)~~ mL/min	Total ~~Gallons~~ mL Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0935	100	—	4.32	11.03	9.14	0.647	3	3.16	-87.3
SAMPLE TIME	0940	—							

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS: MS/MSD COLLECTED FOR PESTICIDES/HERBICIDES ONLY. VOCs RECOLLECTED HERE. ONE READING TAKEN → SAMPLE (WELL WENT DRY ON 4/26/06).

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: ___

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 82B-R
Key No. 2537
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield - GMA-3
Sampling Personnel GAR / TOR
Date 4/26/06
Weather Sunny, 55°F, windy

WELL INFORMATION

Reference Point Marked? (Y) N,
Height of Reference Point +2.4' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 2'-12' Meas. From Ground
Water Table Depth 3.47' Meas. From TIC
Well Depth 12.92' Meas. From TIC
Length of Water Column 9.45'
Volume of Water in Well 1.54 gallons
Intake Depth of Pump/Tubing 7' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 13:30
Sample ID 82B-R
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time [redacted], 12:00
Pump Stop Time 15:15
Minutes of Pumping 195
Volume of Water Removed 5.2 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius)* [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
12:05	100ml	0.13	3.49	—	—	—	22	—	—
12:10	100ml	0.26	3.49	6.95	6.53	0.247	22	15.69	154.7
12:15	100ml	0.40	3.49	6.62	6.14	0.249	23	3.30	145.7
12:20	100ml	0.53	3.49	6.41	6.06	0.262	12	2.71	131.1
12:25	100ml	0.66	3.48	6.41	6.02	0.317	11	2.30	111.7
12:30	100ml	0.79	3.48	6.43	6.00	0.351	12	2.09	91.6
12:35	100ml	0.92	3.49	6.46	6.03	0.377	12	1.91	65.0
12:40	100ml	1.06	3.49	6.50	6.04	0.406	8	1.74	39.0

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

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

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: NA

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 82B-R

Site/GMA Name GE Pittsfield - GMA-3
Sampling Personnel GAR/TOR
Date 4/26/06
Weather Sunny, 55°F, windy

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
12:45	100ml	1.19	3.49	6.55	6.02	0.436	7	1.66	11.0
12:50	100ml	1.32	3.49	6.57	6.02	0.459	5	1.67	-12.4
12:55	100ml	1.45	3.49	6.73	6.05	0.473	7	1.67	-31.4
13:00	100ml	1.59	3.50	6.69	6.02	0.491	5	1.66	-44.3
13:05	100ml	1.72	3.50	6.80	6.03	0.502	5	1.50	-55.1
13:10	100ml	1.85	3.49	6.86	6.07	0.513	4	1.43	-65.8
13:15	100ml	1.98	3.49	6.70	6.04	0.523	4	1.39	-70.5
13:20	100ml	2.11	3.49	6.75	6.02	0.527	4	1.36	-74.9
13:25	100ml	2.25	3.49	6.85	6.05	0.533	3	1.29	-79.0

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 89A
Key No. FX-37
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 3
Sampling Personnel JJO, ASH
Date 5-2-06
Weather RAIN, 50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 2.0' Meas. From GROUND
Well Diameter 1"
Screen Interval Depth 73-78' Meas. From GROUND
Water Table Depth 2.69 Meas. From T.O.C.
Well Depth 47.21 Meas. From T.O.C.
Length of Water Column 44.52
Volume of Water in Well 7.26 GAL
Intake Depth of Pump/Tubing 75.21 Meas. From T.O.C.

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

Redevelop? Y (N)

Sample Time 1425
Sample ID 89A
Duplicate ID -
MS/MSD -
Split Sample ID -

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

EVACUATION INFORMATION

Pump Start Time 1330
Pump Stop Time 1500
Minutes of Pumping 90
Volume of Water Removed 8 GALLONS
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers:

Time	Pump Rate (mL/min.)	Total ~~Gallons~~ Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1330	100	-	2.70	-	-	-	178	-	-
1335	100	500	2.70	-	-	-	132	-	-
1340	100	1000	2.70	-	-	-	124	-	-
1345	100	1500	2.70	-	-	-	84	-	-
1350	100	2000	2.70	-	-	-	57	-	-
1355	100	2500	2.70	9.29	7.39	[redacted]	41	1.83	-183.2
1400	100	3000	2.70	9.23	7.45	[redacted]	26	1.42	-183.4
1405	100	3500	2.70	9.20	7.47	1.006	25	1.21	-183.7
1410	100	4000	2.70	9.19	7.49	1.004	25	1.20	-183.2
1415	100	4500	2.70	9.19	7.50	1.002	24	1.20	-183.1
1420	100	5000	2.70	9.18	7.50	1.002	24	1.20	-183.1

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION
Laboratory SGS CHARLESTON, WV
Delivered via: COURIER SGS
AIRBILL #

Field Sampling Coordinator: JJO

GROUNDWATER SAMPLING LOG

Well No. 89B
Key No. 81A
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 3
Sampling Personnel JJG, TSA
Date 5-2-06
Weather CLOUDY, WIND, 50°

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 3.25' Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 4-7' Meas. From GROUND
Water Table Depth 2.96' Meas. From T.O.C.
Well Depth 8.48' Meas. From T.O.C.
Length of Water Column 5.52
Volume of Water in Well .90 GAL
Intake Depth of Pump/Tubing 6.0' Meas. From GROUND

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

Redevelop? Y (N)

EVACUATION INFORMATION

Pump Start Time 1130
Pump Stop Time 1240
Minutes of Pumping 70
Volume of Water Removed 6 LITERS
Did Well Go Dry? Y (N)

Sample Time 1205
Sample ID 89B
Duplicate ID -
MS/MSD -
Split Sample ID

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

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

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

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1130	100	-	2.96	-	-	-	19	-	-
1135	100	500	2.96	10.39	7.96	0.772	12	3.30	-188.5
1140	100	1000	2.96	10.20	7.99	0.795	6	1.87	-122.3
1145	100	1500	2.96	9.88	7.07	0.791	8	1.15	-122.7
1150	100	2000	2.96	9.86	6.99	0.790	7	0.79	-122.5
1155	100	2500	2.96	9.87	6.94	0.790	6	0.75	-121.7
1200	100	3000	2.96	9.87	6.93	0.790	6	0.74	-121.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION
Laboratory SGS CHARLESTON, WV
Delivered Via: SGS COURIER
Airbill #:

Field Sampling Coordinator: JJG

GROUNDWATER SAMPLING LOG

Well No. 89D-R
Key No. 2537
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 3
Sampling Personnel 376 ASA
Date 5-2-06
Weather cloudy 30°

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 2.90 Meas. From ground
Well Diameter 2"
Screen Interval Depth 62.5-77.5' Meas. From ground
Water Table Depth 9.18' Meas. From T.O.C.
Well Depth 79.25' Meas. From T.O.C.
Length of Water Column 75.13'
Volume of Water in Well 12.25 GAL.
Intake Depth of Pump/Tubing 79.25' Meas. From T.O.C.

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

Redevelop? Y (N)

Sample Time 1050
Sample ID 89D-R
Duplicate ID -
MS/MSD -
Split Sample ID -

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

EVACUATION INFORMATION

Pump Start Time 0935
Pump Stop Time 1115
Minutes of Pumping 90
Volume of Water Removed 9 LITERS
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers:

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0945	[illegible]	-	9.12	-	-	-	223	-	-
0950	100	500	9.12	-	-	-	202	-	-
0955	100	1000	9.12	-	-	-	121	-	-
1000	100	1500	9.12	-	-	-	80	-	-
1005	100	2000	9.12	-	-	-	34	-	-
1010	100	2500	9.12	8.47	7.38	2.459	25	8.38	-96.2
1015	100	3000	9.12	8.40	7.55	2.997	17	1.52	-117.5
1020	100	3500	9.12	8.88	7.67	3.000	14	1.00	-132.1
1030	100	4500	9.12	8.88	7.74	3.006	11	1.00	-149.8
1035	100	4500	9.12	8.88	7.80	2.995	9	1.01	-162.3
1040	100	5000	9.12	8.88	7.87	2.994	8	1.02	-169.7
1045	100	5580	9.12	8.87	7.92	2.994	8	1.02	169.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory SGS CANTON, NY
Delivered via: SGS COURIER
Airbill #:

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 90A
Key No. FEX-37
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield-GMA-3
Sampling Personnel GAR
Date 4/25/06
Weather Partly cloudy, 50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +1.60' Meas. From Ground
Well Diameter 1"
Screen Interval Depth 45'-50' Meas. From Ground
Water Table Depth 4.39' Meas. From TIC
Well Depth 51.39' Meas. From TIC
Length of Water Column 47'
Volume of Water in Well 1.92 gallons
Intake Depth of Pump/Tubing 47.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 12:05
Sample ID 90A
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 10:55
Pump Stop Time 12:25
Minutes of Pumping 90
Volume of Water Removed 2.4 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
11:00	100ml	0.13	4.70	—	—	—	17	—	—
11:10	100ml	0.40	4.68	8.32	6.77	0.306	11	4.62	-248.0
11:15	100ml	0.53	4.68	8.18	6.81	0.330	7	2.47	-263.8
11:20	100ml	0.66	4.68	8.14	6.84	0.343	6	2.01	-271.7
11:25	100ml	0.79	4.68	8.21	6.86	0.346	6	1.68	-274.5
11:30	100ml	0.92	4.68	8.23	6.89	0.352	8	1.57	-277.2
11:35	100ml	1.06	4.68	8.18	6.89	0.356	7	1.50	-276.5
11:40	100ml	1.19	4.68	8.26	6.90	0.358	6	1.39	-274.9

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

Initial Purge: Clear, a few floatables, odorless
Final Purge: Clear, odorless

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: —

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 90A

Site/GMA Name GE Pittsfield - GMA-3
Sampling Personnel GAR
Date 4/25/06
Weather Partly cloudy, 50°F

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
11:45	100ml	1.32	4.68	8.29	6.92	0.361	5	1.32	-275.7
11:50	100ml	1.45	4.68	8.32	6.91	0.364	4	1.26	-275.8
11:55	100ml	1.59	4.68	8.32	6.92	0.366	3	1.26	-275.3
12:00	100ml	1.72	4.68	8.44	6.93	0.367	3	1.19	-276.0

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 90B
Key No. NA
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GMA-3 - GE Pittsfield
Sampling Personnel GAR
Date 4/25/06
Weather Partly cloudy, 55°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +2.70' Meas. From Ground
Well Diameter 2"
Screen Interval Depth 8'-11' Meas. From Ground
Water Table Depth 5.45' Meas. From TIC
Well Depth 12.62' Meas. From TIC
Length of Water Column 7.17'
Volume of Water in Well 1.17 gallons
Intake Depth of Pump/Tubing 9.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 16:10
Sample ID 90B
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 15:00
Pump Stop Time 16:30
Minutes of Pumping 90
Volume of Water Removed 2.4 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
15:05	100ml	0.13	5.61	—	—	—	9	—	—
15:10	100ml	0.26	5.64	7.36	6.27	0.311	11	6.40	161.3
15:15	100ml	0.40	5.65	7.18	6.20	0.311	10	3.31	90.0
15:20	100ml	0.53	5.63	7.13	6.20	0.310	6	2.67	94.5
15:25	100ml	0.66	5.63	7.07	6.23	0.309	4	2.17	4.6
15:30	100ml	0.79	5.66	7.23	6.27	0.307	3	1.97	-21.9
15:35	100ml	0.92	5.66	6.90	6.27	0.304	2	1.89	-37.2
15:40	100ml	1.06	5.66	6.86	6.29	0.302	2	1.91	-49.9

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

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

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: NA

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 90B

Site/GMA Name GMA-3 - GE Pittsfield

Sampling Personnel GAR

Date 4/25/06

Weather Partly cloudy, 55°F

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
15:45	100ml	1.19	5.66	6.90	6.30	0.301	2	1.92	-58.3
15:50	100ml	1.32	5.65	6.81	6.30	0.299	1	1.80	-66.0
15:55	100ml	1.45	5.64	6.81	6.30	0.298	1	1.70	-71.4
16:00	100ml	1.59	5.64	6.72	6.30	0.297	1	1.64	-75.0
16:05	100ml	1.72	5.64	6.65	6.29	0.297	1	1.64	-78.1

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 95A
Key No. FX-37
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA 3
Sampling Personnel JJB, ASA
Date 5-1-06
Weather SUNNY, 60°

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 1.51 Meas. From GRADE
Well Diameter 1"
Screen Interval Depth 45-50' Meas. From GRADE
Water Table Depth 6.60 Meas. From T.I.C.
Well Depth 50.91' Meas. From T.I.C.
Length of Water Column 44.31'
Volume of Water in Well 7.22 CALC.
Intake Depth of Pump/Tubing 49.25 Meas. From T.I.C.

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

Redevelop? Y (N)

Sample Time 1395
Sample ID 95A
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1200
Pump Stop Time 1425
Minutes of Pumping 145
Volume of Water Removed 14 LITERS
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (mL/min.)	Total ~~Gallons~~ mL Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1200	100	—	6.92	—	—	—	167	—	—
1205	100	500	8.77	—	—	—	115	—	—
1210	100	1000	9.20'	—	—	—	82	—	—
1215	100	1500	9.96'	—	—	—	154	—	—
1220	100	2000	10.56	—	—	—	163	—	—
1225	100	2500	10.72'	—	—	—	96	—	—
1230	100	3000	10.02'	—	—	—	81	—	—
1235	100	3500	9.82'	—	—	—	72	—	—
1240	100	4000	9.73'	—	—	—	56	—	—
1245	100	4500	9.68'	—	—	—	43	—	—
1250	100	5000	9.52	—	—	—	34	—	—
1255	100	5500	9.02	—	—	—	32	—	—

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory SGS CHARLESTON, WV
Delivered Via: B&L, UPS
Airbill #:

Field Sampling Coordinator: JJM

GROUNDWATER SAMPLING LOG

Well No. 95A

Site/GMA Name GMA 3
Sampling Personnel JJB, AJA
Date 5-1-06
Weather SUNNY, 60's

WELL INFORMATION - See Page 1

Time	Pump Rate (mL/min.)	Total ~~Gallons~~ mL Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1300	100	6000	8.77'	13.40	6.88	0.133	4	12.23	-94.3
1305	100	6500	8.71'	13.41	7.46	0.252	6	12.72	-128.9
1310	100	7000	8.68'	13.10	7.71	0.258	6	8.67	-134.7
1315	100	7500	8.64'	13.77	7.82	0.260	3	2.23	-152.4
1320	100	8000	8.54'	13.08	8.05	0.262	3	2.08	-157.7
1325	100	8500	8.49'	12.57	7.96	0.263	3	1.87	-159.6
1330	100	9000	8.42'	12.52	8.01	0.263	3	1.81	-158.8
1335	100	9500	8.42'	12.46	7.99	0.263	2	1.79	-159.7
1340	100	10000	8.42'	12.42	7.97	0.262	2	1.78	-159.7
* SAMPLE	TIME 1345								

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 95B-R
Key No. 2537
PID Background (ppm) 0.0
Well Headspace (ppm) 0.0

Site/GMA Name GMA3 OB3
Sampling Personnel SJB, RCD
Date 4-26-06
Weather SUNNY, 60°

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 1.60 Meas. From GRADE
Well Diameter 2"
Screen Interval Depth 3-13' Meas. From GRADE
Water Table Depth 5.30' Meas. From T.I.C.
Well Depth 13.30' Meas. From T.I.C.
Length of Water Column 8.00'
Volume of Water in Well 1.30 GAL.
Intake Depth of Pump/Tubing 9.30' Meas. From T.I.C.

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

Redevelop? Y (N)

Sample Time 1040
Sample ID 95B-R
Duplicate ID GMA-004-6
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
4 (X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
4 (X)	SVOCs	(X)
2 (X)	PCBs (Unfiltered)	(X)
2 (X)	PCBs (Filtered)	(X)
2 (X)	Metals/Inorganics (Unfiltered)	(X)
2 (X)	Metals/Inorganics (Filtered)	(X)
2 (X)	Total Cyanide (Unfiltered)	(X)
2 (X)	Total Cyanide (Filtered)	(X)
( )	PAC Cyanide (Filtered)	( )
4 (X)	PCDDs/PCDFs	(X)
(X)	Pesticides/Herbicides	(X)
12 (X)	Natural Attenuation	(X)
(X)	Other (Specify) SULFIDE	(X)

EVACUATION INFORMATION

Pump Start Time 1000
Pump Stop Time 1310
Minutes of Pumping 190
Volume of Water Removed ~22,800 mL.
Did Well Go Dry? Y (N)

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

Water Quality Meter Type(s) / Serial Numbers: YSI 556 MPS #2

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1000	150	—	5.34'	—	—	—	5	—	—
1005	150	750	5.34'	7.59	7.70	0.651	5	2.74	-94.6
1010	150	1500	5.34'	7.56	7.04	0.651	5	2.83	-90.1
1015	150	2250	5.34'	7.51	7.00	0.650	3	2.95	-89.9
1020	150	3000	5.34'	7.54	7.12	0.651	3	2.64	-92.6
1025	150	3750	5.34'	7.63	7.13	0.650	3	2.60	-92.7
1030	150	4500	5.34'	7.64	7.13	0.650	2	2.61	-92.8
1035	150	5250	5.34'	7.65	7.14	0.650	2	2.60	-92.9

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

SAMPLE DESTINATION

Laboratory: SGS CHARLESTON, WV
Delivered Via: SGS COOLER UPS
Airbill #:

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 111A-R
Key No. MASTER LOCK
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA3 - PITTSFIELD, MA
Sampling Personnel AES, JJB JR.
Date APRIL 24, 2006
Weather OVERCAST 50°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point 2.53 - .30 Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 40'-50' Meas. From Ground
Water Table Depth 14.80 Meas. From TIC
Well Depth 52.06 Meas. From TIC
Length of Water Column 37.26
Volume of Water in Well 6.16 gallons
Intake Depth of Pump/Tubing 45' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 1500
Sample ID 111A-R
Duplicate ID GMA-DUP-5
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 1380
Pump Stop Time 1530
Minutes of Pumping 120
Volume of Water Removed 3.2 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate ~~(L/min.)~~ mL/min.	Total ~~Gallons~~ mL Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1340	100	—	14.30	—	—	—	5	—	—
1350	100	1000	14.32	11.32	7.20	0.733	4	7.61	148.0
1355	100	1500	14.32	11.11	7.18	0.785	6	2.99	-46.2
1400	100	2000	14.32	11.10	7.19	0.737	10	2.65	-144.5
1405	100	2500	14.32	10.97	7.27	0.738	11	2.52	-159.5
1410	100	3000	14.32	10.98	7.36	0.787	7	2.61	-153.7
1415	100	3500	14.32	10.83	7.47	0.739	6	2.80	-147.5
1420	100	4000	14.32	10.92	7.55	0.740	7	3.01	-129.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL ~~PURGE~~ PURGE IS COLORLESS, LOW TURBIDITY - WAITED SEVERAL MINUTES BEFORE CONNECTING TO YSI TO ENSURE WATER DID NOT BECOME TURBID.

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER / UPS
Airbill #: —

Field Sampling Coordinator: James J. Jimmo

GROUNDWATER SAMPLING LOG

Well No. MW-2

Site/GMA Name GMA8 - PITTSFIELD

Sampling Personnel AES, WB JR.

Date 4/24/2006

Weather OVERCAST, 50s

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1425	100	4500	14.32	10.37	7.61	0.744	4	3.34	-109.3
1430	100	5000	14.32	10.85	7.62	0.744	3	3.46	-99.8
1435	100	5500	14.32	10.89	7.63	0.744	3	3.56	-81.7
1440	100	6000	14.32	10.82	7.62	0.745	3	3.43	-74.1
1445	100	6500	14.32	10.84	7.60	0.745	3	3.37	-66.3
1450	100	7000	14.32	10.90	7.62	0.744	3	3.41	-65.8
1455	100	7500	14.32	10.98	7.64	0.745	3	3.38	-58.9
SAMPLE TIME 1500									

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS SEE NOTES ON PAGE 1.

GROUNDWATER SAMPLING LOG

Well No. 111B-R
Key No. FX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA 3 - PITTSFIELD, MA
Sampling Personnel AES, WB JR.
Date APRIL 25, 2006
Weather SUNNY 60s

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point _____ Meas. From _____
Well Diameter 2"
Screen Interval Depth 7.18' - 17.18' Meas. From Ground
Water Table Depth 13.66 Meas. From TIC
Well Depth 19.73' Meas. From TIC
Length of Water Column 6.07'
Volume of Water in Well 0.99 gallons
Intake Depth of Pump/Tubing 16.7' Meas. From TIC

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

Redevelop? Y (N)

Sample Time (AES) ~~1125~~ 1025
Sample ID 111B-R
Duplicate ID —
MS/MSD 111B-R MS/MSD
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 0985
Pump Stop Time 1400
Minutes of Pumping 265
Volume of Water Removed 10.5 gallons
Did Well Go Dry? Y (N)

Evacuation Method: Bailer ( ) Bladder Pump (X)
Peristaltic Pump ( ) Submersible Pump ( ) Other/Specify ( )
Pump Type: MARSCHALK SERIES 59000
Samples collected by same method as evacuation? (Y) N (specify)

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
0940	150	—	13.66	—	—	—	35	—	—
0950	150	1600	13.66	10.95	7.84	0.749	12	9.25	159.2
0955	150	2250	13.66	10.88	7.73	0.749	11	8.10	161.5
1000	150	3000	13.66	10.74	7.67	0.737	7	8.21	130.1
1005	150	3750	13.66	10.56	7.67	0.728	5	8.16	125.4
1010	150	4500	13.66	10.46	7.66	0.718	4	8.25	118.6
(AES) 1015	150	5250	13.66	10.60	7.67	0.717	5	8.27	112.5
1020	150	6000	13.66	10.50	7.65	0.716	5	8.28	109.3

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE IS COLORLESS - LOW TURBIDITY. SAMPLE TIME = 1025

SAMPLE DESTINATION

Laboratory: SGS WEST VIRGINIA
Delivered Via: COURIER/UPS
Airbill #: _____

Field Sampling Coordinator: [signature]

GROUNDWATER SAMPLING LOG

Well No. 114A
Key No. FX-37
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield / GMA-3
Sampling Personnel GAR
Date 5/9/06
Weather Overcast, 65°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +2.95' Meas. From Ground
Well Diameter 1"
Screen Interval Depth 45'-50' Meas. From Ground
Water Table Depth 6.34' Meas. From TIC
Well Depth 52.19' Meas. From TIC
Length of Water Column 45.85'
Volume of Water in Well 1.87 gallons
Intake Depth of Pump/Tubing 50.5' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 14:45
Sample ID 114A
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 13:25
Pump Stop Time 15:10
Minutes of Pumping 105
Volume of Water Removed 2.75 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
13:30	100 ml	0.13	8.08	—	—	—	160	—	—
13:45	100 ml	0.53	12.70	—	—	—	46	—	—
13:55	100 ml	0.79	14.94	—	—	—	25	—	—
14:05	100 ml	1.06	16.66	12.05	7.69	0.237	23	2.14	-122.3
14:10	100 ml	1.19	17.45	11.95	7.74	0.240	22	1.58	-207.7
14:15	100 ml	1.32	17.98	11.92	7.78	0.242	21	1.44	-233.8
14:20	100 ml	1.45	18.52	11.95	7.82	0.243	19	1.38	-231.4
14:25	100 ml	1.58	18.96	11.83	7.84	0.247	19	1.31	-244.2

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

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

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: NA

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 114A

Site/GMA Name GE Pittsfield/GMA-3
Sampling Personnel GAR
Date 5/9/06
Weather Overcast, 65°F, light rain

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
14:30	100ml	1.72	19.36	11.78	7.83	0.250	18	1.30	-241.3
14:35	100ml	1.85	19.73	11.81	7.84	0.251	17	1.35	-240.5
14:40	100ml	1.98	20.01	11.80	7.84	0.255	17	1.35	-235.2

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 114B-R
Key No. FX-37
PID Background (ppm) —
Well Headspace (ppm) —

Site/GMA Name GMA-3
Sampling Personnel JAP / TOR
Date 4/20/06
Weather Sunny, 75°F

WELL INFORMATION

Reference Point Marked? Y (N) TOC
Height of Reference Point ~+0.3' Meas. From GROUND
Well Diameter 2"
Screen Interval Depth 4-14' Meas. From BGS
Water Table Depth 6.03' Meas. From TOC
Well Depth 15.46' Meas. From TOC
Length of Water Column 9.43'
Volume of Water in Well 1.49gal
Intake Depth of Pump/Tubing ~11' 0 Meas. From TOC

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

Redevelop? Y (N)

Sample Time 1510
Sample ID 114B-R
Duplicate ID —
MS/MSD —
Split Sample ID —

Required	Analytical Parameters:	Collected
(X)	VOCs (Standard List)	(X)
( )	VOCs (Expanded List)	( )
( )	SVOCs	( )
(X)	PCBs (Unfiltered)	(X)
(X)	PCBs (Filtered)	(X)
( )	Metals/Inorganics (Unfiltered)	( )
( )	Metals/Inorganics (Filtered)	( )
( )	Total Cyanide (Unfiltered)	( )
( )	Total Cyanide (Filtered)	( )
( )	PAC Cyanide (Filtered)	( )
( )	PCDDs/PCDFs	( )
( )	Pesticides/Herbicides	( )
(X)	Natural Attenuation	(X)
( )	Other (Specify)	( )

EVACUATION INFORMATION

Pump Start Time 1409
Pump Stop Time 1546
Minutes of Pumping —
Volume of Water Removed ~2.5gal
Did Well Go Dry? (Y) N

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

Water Quality Meter Type(s) / Serial Numbers: HACH TURBIDIMETER S/N 94110000 6523
YSI 556 MPS #4 S/N 03M0230

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1410	60	0.016	6.03	—	—	—	26	—	—
1421	90	0.278	6.03	13.83	6.10	0.912	77	3.26	166.2
1426	110	0.424	6.03	12.68	6.55	0.912	68	1.42	130.9
1431	100	0.556	6.04	12.15	6.58	0.913	55	1.20	87.0
1436	100	0.688	6.04	12.18	6.55	0.909	34	1.15	61.0
1441	90	0.807	6.04	12.41	6.62	0.908	25	1.06	36.7
1446	100	0.939	6.04	12.62	6.69	0.914	17	1.05	13.6
1451	100	1.071	6.04	12.19	6.64	0.913	13	1.02	2.8

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS INITIAL PURGE: Clear in color w/ yellowish-orange particles, slight odor

SAMPLE DESTINATION

Laboratory: —
Delivered Via: —
Airbill #: —

Field Sampling Coordinator: —

GROUNDWATER SAMPLING LOG

Well No. 114B-R

Site/GMA Name GMA-3
Sampling Personnel JAP / TCR
Date 4/20/06
Weather Sunny, 75-80°F

WELL INFORMATION - See Page 1

Time	Pump Rate (mL/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1456	100	1.203	6.04	12.05	6.66	0.911	9	1.06	-8.5
1459	100	1.282	6.04	11.95	6.65	0.912	7	1.06	-14.2
1502	100	1.361	6.04	12.14	6.65	0.909	7	1.02	-20.0
1505	100	1.440	6.04	12.24	6.68	0.911	6 (6)	1.06	-23.7
1508	100	1.519	6.04	12.24	6.68	0.912	6	0.99	-27.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

GROUNDWATER SAMPLING LOG

Well No. 115A
Key No. NA
PID Background (ppm) 0
Well Headspace (ppm) 0

GMA Site/GMA Name GE Pittsfield / GMA-3
Sampling Personnel GAR
Date 5/10/06
Weather Overcast, some rain, 55°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +1.85' Meas. From Ground
Well Diameter ~~2~~ 1"
Screen Interval Depth 36'-41' Meas. From Ground
Water Table Depth 8.35' Meas. From TIC
Well Depth 42.70' Meas. From TIC
Length of Water Column 34.35'
Volume of Water in Well 1.40 gallons
Intake Depth of Pump/Tubing 40.4' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 14:00
Sample ID 115A
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time 12:40
Pump Stop Time 14:20
Minutes of Pumping 100
Volume of Water Removed 2.0 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
12:45	100ml	0.13	8.47	—	—	—	76	—	—
12:55	100ml	0.40	8.47	—	—	—	16	—	—
13:05	100ml	0.66	8.48	9.68	7.04	0.307	5	5.70	-47.9
13:10	100ml	0.79	8.48	9.58	7.08	0.309	5	2.16	-168.0
13:15	100ml	0.92	8.48	9.61	7.11	0.309	4	1.29	-201.0
13:20	100ml	1.06	8.47	9.53	7.18	0.310	4	1.02	-222.5
13:25	100ml	1.19	8.48	9.46	7.20	0.311	3	0.83	-226.2
13:30	100ml	1.32	8.48	9.47	7.21	0.311	3	0.72	-228.7

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

Initial Purge: Clear, with a lot of tiny black particles, odorless
Final Purge: Clear, odorless

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: NA

Field Sampling Coordinator:

GROUNDWATER SAMPLING LOG

Well No. 115B
Key No. FX-37
PID Background (ppm) 0
Well Headspace (ppm) 0

Site/GMA Name GE Pittsfield / GMA-3
Sampling Personnel GAR
Date 5/10/06
Weather Overcast, 60°F

WELL INFORMATION

Reference Point Marked? (Y) N
Height of Reference Point +2.65' Meas. From Ground
Well Diameter 2" 1"
Screen Interval Depth 11'-16' Meas. From Ground
Water Table Depth 11.60' Meas. From TIC
Well Depth 15.69' Meas. From TIC
Length of Water Column 4.09'
Volume of Water in Well 0.17 gallons
Intake Depth of Pump/Tubing 15' Meas. From TIC

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

Redevelop? Y (N)

Sample Time 16:20
Sample ID 115B
Duplicate ID —
MS/MSD —
Split Sample ID —

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

EVACUATION INFORMATION

Pump Start Time ~~15:00~~ 15:25
Pump Stop Time 16:55
Minutes of Pumping 90
Volume of Water Removed 2.4 gallons
Did Well Go Dry? Y (N)

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

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

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
15:30	100ml	0.13	11.69	—	—	—	294	—	—
15:40	100ml	0.40	11.67	—	—	—	19	—	—
15:50	100ml	0.66	11.67	9.58	6.43	0.571	7	4.40	115.4
15:55	100ml	0.79	11.68	9.43	6.32	0.569	6	2.19	116.8
16:00	100ml	0.92	11.67	9.37	6.32	0.566	3	1.86	115.1
16:05	100ml	1.06	11.67	9.37	6.38	0.564	2	1.67	111.8
16:10	100ml	1.19	11.67	9.32	6.39	0.563	1	1.62	110.1
16:15	100ml	1.32	11.67	9.28	6.40	0.562	1	1.58	107.6

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

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

Initial Purge: Brown, full of organic matter (peat), odorless
Final Purge: Clear, odorless
* End of tubing kept getting clogged with peat at the start

SAMPLE DESTINATION

Laboratory: SGS
Delivered Via: UPS
Airbill #: NA

Field Sampling Coordinator:

Appendix D

Spring 2006 Groundwater Analytical Results

BBL®
an ARCADIS company

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006	39B-R 04/20/06
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,1,1-Trichloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,1,2,2-Tetrachloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,1,2-Trichloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,1-Dichloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,1-Dichloroethene	ND(0.10)	ND(0.0010)	ND(1.0)	ND(0.0010)	ND(0.0010)	ND(1.0)
1,2,3-Trichloropropane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,2-Dibromo-3-chloropropane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,2-Dibromoethane	ND(0.10)	ND(0.0010)	ND(1.0)	ND(0.0010)	ND(0.0010)	ND(1.0)
1,2-Dichloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050) J	ND(5.0)
1,2-Dichloropropane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(1.0) J	ND(0.20) J	ND(0.20) J	ND(1.0) J
2-Butanone	ND(1.0)	ND(0.010)	ND(10)	ND(0.010)	ND(0.010)	ND(10)
2-Chloro-1,3-butadiene	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
2-Chloroethylvinylether	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
2-Hexanone	ND(1.0)	ND(0.010)	ND(1.0) J	ND(0.010) J	ND(0.010) J	ND(1.0) J
3-Chloropropene	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
4-Methyl-2-pentanone	ND(0.010) J	ND(0.010) J	ND(10)	ND(0.010)	ND(0.010)	ND(10)
Acetone	ND(1.0)	ND(0.010)	ND(1.0) J	ND(0.010) J	ND(0.010)	ND(1.0) J
Acetonitrile	ND(0.10) J	ND(0.10) J	ND(100)	ND(0.10)	ND(0.10) J	ND(100)
Acrolein	ND(10)	ND(0.10)	ND(100)	ND(0.10)	ND(0.10) J	ND(100)
Acrylonitrile	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050) J	ND(5.0)
Benzene	34	0.099	14	0.012 J	ND(0.0050)	1.4 J
Bromodichloromethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Bromoform	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Bromomethane	ND(0.0020) J	ND(0.0020) J	ND(2.0)	ND(0.0020)	ND(0.0020)	ND(2.0)
Carbon Disulfide	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050) J	ND(5.0)
Carbon Tetrachloride	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Chlorobenzene	160	0.073	31	0.051 J	0.0012 J	32
Chloroethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Chloroform	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Chloromethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
cis-1,3-Dichloropropene	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Dibromochloromethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Dibromomethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Dichlorodifluoromethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050) J	ND(5.0)
Ethyl Methacrylate	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Ethylbenzene	0.062 J	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Iodomethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Isobutanol	ND(10)	ND(0.10)	ND(100)	ND(0.10)	ND(0.10)	ND(100)
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J	ND(1.0) J	ND(0.0050) J	ND(0.0050) J	ND(1.0) J
Methyl Methacrylate	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Methylene Chloride	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Propionitrile	ND(1.0)	ND(0.010)	ND(10)	ND(0.010)	ND(0.010) J	ND(10)
Styrene	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Tetrachloroethene	ND(0.20)	ND(0.0020)	ND(2.0)	ND(0.0020)	ND(0.0020)	ND(2.0)
Toluene	2.7	0.0019 J	0.80 J	ND(0.0050)	ND(0.0050)	0.70 J
trans-1,2-Dichloroethene	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
trans-1,3-Dichloropropene	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
trans-1,4-Dichloro-2-butene	ND(0.50)	ND(0.0050)	ND(1.0) J	ND(0.0050) J	ND(0.0050) J	ND(1.0) J
Trichloroethene	11	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	0.86 J
Trichlorofluoromethane	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050)	ND(5.0)
Vinyl Acetate	ND(0.50)	ND(0.0050)	ND(5.0)	ND(0.0050)	ND(0.0050) J	ND(5.0)
Vinyl Chloride	ND(0.20)	ND(0.0020)	ND(2.0)	ND(0.0020)	ND(0.0020)	ND(2.0)
Xylenes (total)	ND(1.0)	ND(0.010)	ND(10)	ND(0.010)	ND(0.010)	ND(10)
Total VOCs	210	0.17 J	46 J	0.063 J	0.0012 J	35 J

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

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

Parameter / Sample ID: / Date Collected:	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006	39B-R 04/20/06
PCBs-Unfiltered						
Aroclor-1016	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA
PCBs-Filtered						
Aroclor-1016	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA
1,3-Dinitrobenzene	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA
2-Acetylaminofluorene	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA
2-Chlorophenol	ND(0.010)	NA	0.019	NA	NA	0.0094 J
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA	NA
2-Naphthylamine	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA	NA
2-Picoline	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA	NA
4-Chlorobenzilate	NA	NA	NA	NA	NA	NA
4-Chlorophenol	1.9	NA	0.55	NA	NA	0.71
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006	39B-R 04/20/06
Semivolatile Organics (continued)						
4-Nitroaniline	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA	NA
4-Phenylenediamine	NA	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA	NA	NA
Acetophenone	NA	NA	NA	NA	NA	NA
Aniline	NA	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA	NA
Aramite	NA	NA	NA	NA	NA	NA
Benzidine	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA	NA	NA
Diallate	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA	NA	NA
Di-n-Butylphthalate	NA	NA	NA	NA	NA	NA
Di-n-Octylphthalate	NA	NA	NA	NA	NA	NA
Diphenylamine	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA
Hexachlorophene	NA	NA	NA	NA	NA	NA
Hexachloropropene	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA
Isodrin	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	NA	NA
Isosafrole	NA	NA	NA	NA	NA	NA
Methapyrilene	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	NA	NA	NA	NA	NA	NA
N-Nitrosomorpholine	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NA	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	NA	NA	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

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Parameter / Sample ID: / Date Collected:	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006	39B-R 04/20/06
Semivolatile Organics (continued)						
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA
o-Toluidine	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NA	NA	NA	NA	NA	NA
Pentachloroethane	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA	NA
Phenacetin	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA	NA
Pronamide	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA	NA	NA
Safrole	NA	NA	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA
Organophosphate Pesticides						
Dimethoate	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA

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Furans						
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Antimony	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 04/19/06	6B-R 04/19/06	16A 04/20/06	16B-R 04/20/06	16C-R 4/26-5/31/2006	39B-R 04/20/06
Inorganics-Filtered						
Antimony	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters						
Alkalinity (Total)	180	NA	430	490	130	280
Chloride	8.0	NA	1400	570	2.0	400
Dissolved Iron	ND(0.100)	NA	1.20	ND(0.100)	ND(0.100)	0.0250 B
Dissolved Organic Carbon	1.90	NA	25.0	6.60	0.810 B	8.00
Ethane	ND(0.020)	NA	ND(0.20)	ND(0.20)	ND(0.020)	ND(0.020)
Ethene	ND(0.020)	NA	0.23	ND(0.20)	ND(0.020)	ND(0.020)
Methane	ND(0.00720)	NA	3.10	2.20	0.0446	0.280
Nitrate Nitrogen	ND(0.100)	NA	ND(0.100)	ND(0.100)	0.130	0.340
Nitrite Nitrogen	ND(0.500)	NA	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	20.0	NA	ND(5.00)	11.0	6.30	13.0

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06	54B-R 4/26-6/01/2006
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(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,2-Dichloropropane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010) J	ND(0.010) J	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) J	ND(0.010) J	ND(0.010)
Acetone	ND(0.010) J	ND(0.010) J	ND(0.010)	ND(0.010)	ND(0.010)
Acetonitrile	ND(0.10)	ND(0.10)	ND(0.10) J	ND(0.10) J	ND(0.10) J
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	0.050	0.0015 J	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) J	ND(0.0020) J	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	0.64	0.068	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) J
Ethylbenzene	0.0050	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Iodomethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Methyl Methacrylate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J
Methylene Chloride	0.0016 J	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	0.0046 J	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) J	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	0.12	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) J
Vinyl Acetate	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	0.0070 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.83 J	0.070 J	ND(0.20)	ND(0.20)	ND(0.20)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06	54B-R 4/26-6/01/2006
PCBs-Unfiltered					
Aroclor-1016	NA	NA	NA	NA	ND(0.000065)
Aroclor-1221	NA	NA	NA	NA	ND(0.000065)
Aroclor-1232	NA	NA	NA	NA	ND(0.000065)
Aroclor-1242	NA	NA	NA	NA	ND(0.000065)
Aroclor-1248	NA	NA	NA	NA	ND(0.000065)
Aroclor-1254	NA	NA	NA	NA	0.00017
Aroclor-1260	NA	NA	NA	NA	ND(0.000065)
Total PCBs	NA	NA	NA	NA	0.00017
PCBs-Filtered					
Aroclor-1016	NA	NA	NA	NA	ND(0.000065)
Aroclor-1221	NA	NA	NA	NA	ND(0.000065)
Aroclor-1232	NA	NA	NA	NA	ND(0.000065)
Aroclor-1242	NA	NA	NA	NA	ND(0.000065)
Aroclor-1248	NA	NA	NA	NA	ND(0.000065)
Aroclor-1254	NA	NA	NA	NA	0.00019
Aroclor-1260	NA	NA	NA	NA	ND(0.000065)
Total PCBs	NA	NA	NA	NA	0.00019
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(0.010)
1,2,4-Trichlorobenzene	NA	NA	NA	NA	ND(0.010)
1,2-Dichlorobenzene	NA	NA	NA	NA	ND(0.010)
1,2-Diphenylhydrazine	NA	NA	NA	NA	ND(0.010)
1,3,5-Trinitrobenzene	NA	NA	NA	NA	ND(0.010) J
1,3-Dichlorobenzene	NA	NA	NA	NA	ND(0.010)
1,3-Dinitrobenzene	NA	NA	NA	NA	ND(0.010)
1,4-Dichlorobenzene	NA	NA	NA	NA	ND(0.010)
1,4-Naphthoquinone	NA	NA	NA	NA	ND(0.010) J
1-Naphthylamine	NA	NA	NA	NA	ND(0.010)
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	R
2,4,5-Trichlorophenol	NA	NA	NA	NA	R
2,4,6-Trichlorophenol	NA	NA	NA	NA	R
2,4-Dichlorophenol	NA	NA	NA	NA	R
2,4-Dimethylphenol	NA	NA	NA	NA	R
2,4-Dinitrophenol	NA	NA	NA	NA	R
2,4-Dinitrotoluene	NA	NA	NA	NA	ND(0.010) J
2,6-Dichlorophenol	NA	NA	NA	NA	R
2,6-Dinitrotoluene	NA	NA	NA	NA	ND(0.010) J
2-Acetylaminofluorene	NA	NA	NA	NA	ND(0.010)
2-Chloronaphthalene	NA	NA	NA	NA	ND(0.010)
2-Chlorophenol	NA	NA	NA	NA	R
2-Methylnaphthalene	NA	NA	NA	NA	ND(0.010)
2-Methylphenol	NA	NA	NA	NA	R
2-Naphthylamine	NA	NA	NA	NA	ND(0.010)
2-Nitroaniline	NA	NA	NA	NA	ND(0.050)
2-Nitrophenol	NA	NA	NA	NA	R
2-Picoline	NA	NA	NA	NA	ND(0.010)
3&4-Methylphenol	NA	NA	NA	NA	R
3,3'-Dichlorobenzidine	NA	NA	NA	NA	ND(0.020)
3,3'-Dimethylbenzidine	NA	NA	NA	NA	ND(0.010)
3-Methylcholanthrene	NA	NA	NA	NA	ND(0.010) J
3-Nitroaniline	NA	NA	NA	NA	ND(0.050)
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	R
4-Aminobiphenyl	NA	NA	NA	NA	ND(0.010)
4-Bromophenyl-phenylether	NA	NA	NA	NA	ND(0.010)
4-Chloro-3-Methylphenol	NA	NA	NA	NA	R
4-Chloroaniline	NA	NA	NA	NA	ND(0.010)
4-Chlorobenzilate	NA	NA	NA	NA	ND(0.010)
4-Chlorophenol	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	ND(0.010)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06	54B-R 4/26-6/01/2006
Semivolatile Organics (continued)					
4-Nitroaniline	NA	NA	NA	NA	ND(0.050)
4-Nitrophenol	NA	NA	NA	NA	R
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	ND(0.010) J
4-Phenylenediamine	NA	NA	NA	NA	ND(0.010)
5-Nitro-o-toluidine	NA	NA	NA	NA	ND(0.010)
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	ND(0.010)
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	ND(0.010) J
Acenaphthene	NA	NA	NA	NA	ND(0.010)
Acenaphthylene	NA	NA	NA	NA	ND(0.010)
Acetophenone	NA	NA	NA	NA	ND(0.010)
Aniline	NA	NA	NA	NA	ND(0.010)
Anthracene	NA	NA	NA	NA	ND(0.010)
Aramite	NA	NA	NA	NA	ND(0.010)
Benzidine	NA	NA	NA	NA	ND(0.020) J
Benzo(a)anthracene	NA	NA	NA	NA	ND(0.010)
Benzo(a)pyrene	NA	NA	NA	NA	ND(0.010)
Benzo(b)fluoranthene	NA	NA	NA	NA	ND(0.010)
Benzo(g,h,i)perylene	NA	NA	NA	NA	ND(0.010)
Benzo(k)fluoranthene	NA	NA	NA	NA	ND(0.010)
Benzyl Alcohol	NA	NA	NA	NA	ND(0.020)
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	ND(0.010)
bis(2-Chloroethyl)ether	NA	NA	NA	NA	ND(0.010)
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	ND(0.010) J
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	ND(0.0060) J
Butylbenzylphthalate	NA	NA	NA	NA	ND(0.010) J
Chrysene	NA	NA	NA	NA	ND(0.010)
Diallate	NA	NA	NA	NA	ND(0.010)
Dibenzo(a,h)anthracene	NA	NA	NA	NA	ND(0.010)
Dibenzofuran	NA	NA	NA	NA	ND(0.010)
Diethylphthalate	NA	NA	NA	NA	ND(0.010)
Dimethylphthalate	NA	NA	NA	NA	ND(0.010)
Di-n-Butylphthalate	NA	NA	NA	NA	ND(0.010)
Di-n-Octylphthalate	NA	NA	NA	NA	ND(0.010)
Diphenylamine	NA	NA	NA	NA	ND(0.010)
Ethyl Methanesulfonate	NA	NA	NA	NA	ND(0.010)
Fluoranthene	NA	NA	NA	NA	ND(0.010)
Fluorene	NA	NA	NA	NA	ND(0.010)
Hexachlorobenzene	NA	NA	NA	NA	ND(0.010)
Hexachlorobutadiene	NA	NA	NA	NA	ND(0.010)
Hexachlorocyclopentadiene	NA	NA	NA	NA	ND(0.010)
Hexachloroethane	NA	NA	NA	NA	ND(0.010)
Hexachlorophene	NA	NA	NA	NA	ND(0.020) J
Hexachloropropene	NA	NA	NA	NA	ND(0.010)
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	ND(0.010)
Isodrin	NA	NA	NA	NA	ND(0.010)
Isophorone	NA	NA	NA	NA	ND(0.010)
Isosafrole	NA	NA	NA	NA	ND(0.010) J
Methapyrilene	NA	NA	NA	NA	ND(0.010) J
Methyl Methanesulfonate	NA	NA	NA	NA	ND(0.010)
Naphthalene	NA	NA	NA	NA	ND(0.010)
Nitrobenzene	NA	NA	NA	NA	ND(0.010)
N-Nitrosodiethylamine	NA	NA	NA	NA	ND(0.010)
N-Nitrosodimethylamine	NA	NA	NA	NA	ND(0.010)
N-Nitroso-di-n-butylamine	NA	NA	NA	NA	ND(0.010)
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	ND(0.010)
N-Nitrosodiphenylamine	NA	NA	NA	NA	ND(0.010)
N-Nitrosomethylethylamine	NA	NA	NA	NA	ND(0.010)
N-Nitrosomorpholine	NA	NA	NA	NA	ND(0.010)
N-Nitrosopiperidine	NA	NA	NA	NA	ND(0.010)
N-Nitrosopyrrolidine	NA	NA	NA	NA	ND(0.010)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06	54B-R 4/26-6/01/2006
Semivolatile Organics (continued)					
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	ND(0.010)
o-Toluidine	NA	NA	NA	NA	ND(0.010)
p-Dimethylaminoazobenzene	NA	NA	NA	NA	ND(0.010)
Pentachlorobenzene	NA	NA	NA	NA	ND(0.010) J
Pentachloroethane	NA	NA	NA	NA	ND(0.010)
Pentachloronitrobenzene	NA	NA	NA	NA	ND(0.010)
Pentachlorophenol	NA	NA	NA	NA	R
Phenacetin	NA	NA	NA	NA	ND(0.010)
Phenanthrene	NA	NA	NA	NA	ND(0.010)
Phenol	NA	NA	NA	NA	R
Pronamide	NA	NA	NA	NA	ND(0.010) J
Pyrene	NA	NA	NA	NA	ND(0.010)
Pyridine	NA	NA	NA	NA	ND(0.010)
Safrole	NA	NA	NA	NA	ND(0.010) J
Thionazin	NA	NA	NA	NA	ND(0.010)
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	ND(0.00010) J
4,4'-DDE	NA	NA	NA	NA	ND(0.00010)
4,4'-DDT	NA	NA	NA	NA	ND(0.00010)
Aldrin	NA	NA	NA	NA	ND(0.000050)
Alpha-BHC	NA	NA	NA	NA	ND(0.000050)
Alpha-Chlordane	NA	NA	NA	NA	ND(0.000050)
Beta-BHC	NA	NA	NA	NA	ND(0.000050)
Delta-BHC	NA	NA	NA	NA	ND(0.000050)
Dieldrin	NA	NA	NA	NA	ND(0.00010)
Endosulfan I	NA	NA	NA	NA	ND(0.00010)
Endosulfan II	NA	NA	NA	NA	ND(0.00010)
Endosulfan Sulfate	NA	NA	NA	NA	ND(0.00010)
Endrin	NA	NA	NA	NA	ND(0.00010)
Endrin Aldehyde	NA	NA	NA	NA	ND(0.00010)
Endrin Ketone	NA	NA	NA	NA	ND(0.00010)
Gamma-BHC (Lindane)	NA	NA	NA	NA	ND(0.000050)
Gamma-Chlordane	NA	NA	NA	NA	ND(0.000050)
Heptachlor	NA	NA	NA	NA	ND(0.000050)
Heptachlor Epoxide	NA	NA	NA	NA	ND(0.000050)
Kepone	NA	NA	NA	NA	ND(0.050) J
Methoxychlor	NA	NA	NA	NA	ND(0.00050)
Technical Chlordane	NA	NA	NA	NA	ND(0.00050)
Toxaphene	NA	NA	NA	NA	ND(0.0010)
Organophosphate Pesticides					
Dimethoate	NA	NA	NA	NA	ND(0.050) J
Disulfoton	NA	NA	NA	NA	ND(0.010)
Ethyl Parathion	NA	NA	NA	NA	ND(0.010)
Famphur	NA	NA	NA	NA	ND(0.050)
Methyl Parathion	NA	NA	NA	NA	ND(0.010) J
Phorate	NA	NA	NA	NA	ND(0.010)
Sulfotep	NA	NA	NA	NA	ND(0.010) J
Herbicides					
2,4,5-T	NA	NA	NA	NA	ND(0.0020)
2,4,5-TP	NA	NA	NA	NA	ND(0.0020)
2,4-D	NA	NA	NA	NA	ND(0.010)
Dinoseb	NA	NA	NA	NA	ND(0.0010)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06	54B-R 4/26-6/01/2006
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	ND(0.0000000016)
TCDFs (total)	NA	NA	NA	NA	ND(0.0000000016)
1,2,3,7,8-PeCDF	NA	NA	NA	NA	ND(0.0000000024)
2,3,4,7,8-PeCDF	NA	NA	NA	NA	ND(0.0000000010) X
PeCDFs (total)	NA	NA	NA	NA	0.0000000012
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	0.0000000013 J
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.0000000024)
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	ND(0.0000000024)
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	ND(0.0000000024)
HxCDFs (total)	NA	NA	NA	NA	0.0000000027
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	0.0000000021 J
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	ND(0.0000000024)
HpCDFs (total)	NA	NA	NA	NA	0.0000000035
OCDF	NA	NA	NA	NA	0.0000000055 J
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	ND(0.0000000012)
TCDDs (total)	NA	NA	NA	NA	ND(0.0000000012)
1,2,3,7,8-PeCDD	NA	NA	NA	NA	ND(0.0000000024)
PeCDDs (total)	NA	NA	NA	NA	ND(0.0000000024)
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	ND(0.0000000024)
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	ND(0.0000000024)
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	ND(0.0000000024)
HxCDDs (total)	NA	NA	NA	NA	ND(0.0000000024)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	ND(0.0000000024)
HpCDDs (total)	NA	NA	NA	NA	ND(0.0000000024)
OCDD	NA	NA	NA	NA	0.000000012 J
Total TEQs (WHO TEFs)	NA	NA	NA	NA	0.0000000030
Inorganics-Unfiltered					
Antimony	NA	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	NA	0.00510 B
Barium	NA	NA	NA	NA	0.200
Beryllium	NA	NA	NA	NA	ND(0.00100)
Cadmium	NA	NA	NA	NA	ND(0.00500)
Chromium	NA	NA	NA	NA	0.00120 B
Cobalt	NA	NA	NA	NA	0.00130 B
Copper	NA	NA	NA	NA	ND(0.0250)
Cyanide	NA	NA	NA	NA	ND(0.0100)
Lead	NA	NA	NA	NA	ND(0.00500)
Mercury	NA	NA	NA	NA	ND(0.000200)
Nickel	NA	NA	NA	NA	0.00280 B
Selenium	NA	NA	NA	NA	0.00400 B
Silver	NA	NA	NA	NA	ND(0.00500)
Sulfide	NA	NA	NA	NA	4.80 B
Thallium	NA	NA	NA	NA	ND(0.0100)
Tin	NA	NA	NA	NA	ND(0.0300)
Vanadium	NA	NA	NA	NA	ND(0.0500)
Zinc	NA	NA	NA	NA	ND(0.0200)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39D-R 04/20/06	39E 04/20/06	43A 04/19/06	43B 04/19/06	54B-R 4/26-6/01/2006
Inorganics-Filtered					
Antimony	NA	NA	NA	NA	ND(0.0600)
Arsenic	NA	NA	NA	NA	ND(0.0100)
Barium	NA	NA	NA	NA	0.0980 B
Beryllium	NA	NA	NA	NA	ND(0.00100)
Cadmium	NA	NA	NA	NA	ND(0.00500)
Chromium	NA	NA	NA	NA	ND(0.0100)
Cobalt	NA	NA	NA	NA	ND(0.0500)
Copper	NA	NA	NA	NA	0.00160 B
Cyanide	NA	NA	NA	NA	ND(0.0100)
Lead	NA	NA	NA	NA	ND(0.00500)
Mercury	NA	NA	NA	NA	ND(0.000200)
Nickel	NA	NA	NA	NA	0.00200 B
Selenium	NA	NA	NA	NA	ND(0.00500)
Silver	NA	NA	NA	NA	ND(0.00500)
Thallium	NA	NA	NA	NA	ND(0.0100) J
Tin	NA	NA	NA	NA	ND(0.0300)
Vanadium	NA	NA	NA	NA	ND(0.0500)
Zinc	NA	NA	NA	NA	0.00540 B
Natural Attenuation Parameters					
Alkalinity (Total)	140	81.0	200	590	NA
Chloride	8.4	7.8	38	50	NA
Dissolved Iron	ND(0.100)	0.180	ND(0.100)	ND(0.100)	NA
Dissolved Organic Carbon	3.40	1.20	1.60	2.70	NA
Ethane	ND(0.020)	ND(0.020)	ND(0.20)	ND(0.020)	NA
Ethene	ND(0.020)	ND(0.020)	ND(0.20)	ND(0.020)	NA
Methane	ND(0.00720)	0.940	1.60	0.980	NA
Nitrate Nitrogen	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	NA
Nitrite Nitrogen	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	NA
Sulfate (turbidimetric)	56.0	ND(5.00)	ND(5.00)	ND(5.00)	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,2-Dibromoethane	ND(0.0010)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0010)	ND(0.0010)
1,2-Dichloroethane	ND(0.0050) J	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050) J
1,2-Dichloropropane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(1.0) J	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010) J	ND(1.0) J	ND(0.010) J	ND(0.10) J	ND(0.010) J	ND(0.010) J
3-Chloropropene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.010)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Acetone	ND(0.010)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.010) J	ND(0.010)
Acetonitrile	ND(0.10) J	ND(1.0) J	ND(0.10) J	ND(0.10) J	ND(0.10)	ND(0.10) J
Acrolein	ND(0.10) J	ND(1.0)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10) J
Acrylonitrile	ND(0.0050) J	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050) J
Benzene	ND(0.0050)	5.6	0.017	12	ND(0.0050)	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Bromoform	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.0020)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0020)	ND(0.0020)
Carbon Disulfide	ND(0.0050) J	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050) J
Carbon Tetrachloride	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	14	0.15	34	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050) J	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050) J
Ethyl Methacrylate	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Iodomethane	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10)	ND(1.0)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Methacrylonitrile	ND(0.0050) J	ND(1.0) J	ND(0.010) J	ND(0.10) J	ND(0.0050) J	ND(0.0050) J
Methyl Methacrylate	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.010) J	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010) J
Styrene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0020)	ND(0.0020)
Toluene	0.0040 J	ND(1.0)	0.0067 J	ND(0.10)	0.0056	0.0028 J
trans-1,2-Dichloroethene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050) J	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050) J	ND(0.0050) J
Trichloroethene	ND(0.0050)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(1.0) J	ND(0.010) J	ND(0.10) J	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050) J	ND(1.0) J	ND(0.010) J	ND(0.10) J	ND(0.0050)	ND(0.0050) J
Vinyl Chloride	ND(0.0020)	ND(1.0)	ND(0.010)	0.17	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(1.0)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Total VOCs	0.0040 J	20	0.17 J	46	0.0056	0.0028 J

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06
PCBs-Unfiltered						
Aroclor-1016	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1221	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1232	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1242	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1254	0.00029	NA	NA	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA	NA	NA
Total PCBs	0.00029	NA	NA	NA	NA	NA
PCBs-Filtered						
Aroclor-1016	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1221	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1232	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1242	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1248	ND(0.000065)	NA	NA	NA	NA	NA
Aroclor-1254	0.00024	NA	NA	NA	NA	NA
Aroclor-1260	ND(0.000065)	NA	NA	NA	NA	NA
Total PCBs	0.00024	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.010)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ND(0.010)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ND(0.010)	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	ND(0.010)	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.010) J	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(0.010)	NA	NA	NA	NA	NA
1,3-Dinitrobenzene	ND(0.010)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.010)	NA	NA	NA	NA	NA
1,4-Naphthoquinone	ND(0.010) J	NA	NA	NA	NA	NA
1-Naphthylamine	ND(0.010)	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	ND(0.010)	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	ND(0.010)	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	ND(0.010)	NA	NA	NA	NA	NA
2,4-Dichlorophenol	ND(0.010)	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ND(0.010)	NA	NA	NA	NA	NA
2,4-Dinitrophenol	ND(0.050)	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	ND(0.010) J	NA	NA	NA	NA	NA
2,6-Dichlorophenol	ND(0.010)	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	ND(0.010) J	NA	NA	NA	NA	NA
2-Acetylaminofluorene	ND(0.010)	NA	NA	NA	NA	NA
2-Chloronaphthalene	ND(0.010)	NA	NA	NA	NA	NA
2-Chlorophenol	ND(0.010)	0.0068 J	ND(0.010)	NA	NA	NA
2-Methylnaphthalene	ND(0.010)	NA	NA	NA	NA	NA
2-Methylphenol	ND(0.010)	NA	NA	NA	NA	NA
2-Naphthylamine	ND(0.010)	NA	NA	NA	NA	NA
2-Nitroaniline	ND(0.050)	NA	NA	NA	NA	NA
2-Nitrophenol	ND(0.010)	NA	NA	NA	NA	NA
2-Picoline	ND(0.010)	NA	NA	NA	NA	NA
3&4-Methylphenol	ND(0.010)	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ND(0.020)	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.010)	NA	NA	NA	NA	NA
3-Methylcholanthrene	ND(0.010) J	NA	NA	NA	NA	NA
3-Nitroaniline	ND(0.050)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.050)	NA	NA	NA	NA	NA
4-Aminobiphenyl	ND(0.010)	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	ND(0.010)	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	ND(0.010)	NA	NA	NA	NA	NA
4-Chloroaniline	ND(0.010)	NA	NA	NA	NA	NA
4-Chlorobenzilate	ND(0.010)	NA	NA	NA	NA	NA
4-Chlorophenol	NA	0.010	ND(0.010)	NA	NA	NA
4-Chlorophenyl-phenylether	ND(0.010)	NA	NA	NA	NA	NA

TABLE D-1
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GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06
Semivolatile Organics (continued)						
4-Nitroaniline	ND(0.050)	NA	NA	NA	NA	NA
4-Nitrophenol	ND(0.050)	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	ND(0.010) J	NA	NA	NA	NA	NA
4-Phenylenediamine	ND(0.010)	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	ND(0.010)	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.010)	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	ND(0.010) J	NA	NA	NA	NA	NA
Acenaphthene	ND(0.010)	NA	NA	NA	NA	NA
Acenaphthylene	ND(0.010)	NA	NA	NA	NA	NA
Acetophenone	ND(0.010)	NA	NA	NA	NA	NA
Aniline	ND(0.010)	NA	NA	NA	NA	NA
Anthracene	ND(0.010)	NA	NA	NA	NA	NA
Aramite	ND(0.010)	NA	NA	NA	NA	NA
Benzidine	ND(0.020) J	NA	NA	NA	NA	NA
Benzo(a)anthracene	ND(0.010)	NA	NA	NA	NA	NA
Benzo(a)pyrene	ND(0.010)	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	ND(0.010)	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	ND(0.010)	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	ND(0.010)	NA	NA	NA	NA	NA
Benzyl Alcohol	ND(0.020)	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.010)	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.010)	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.010) J	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.0060) J	NA	NA	NA	NA	NA
Butylbenzylphthalate	ND(0.010) J	NA	NA	NA	NA	NA
Chrysene	ND(0.010)	NA	NA	NA	NA	NA
Diallate	ND(0.010)	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.010)	NA	NA	NA	NA	NA
Dibenzofuran	ND(0.010)	NA	NA	NA	NA	NA
Diethylphthalate	ND(0.010)	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.010)	NA	NA	NA	NA	NA
Di-n-Butylphthalate	ND(0.010)	NA	NA	NA	NA	NA
Di-n-Octylphthalate	ND(0.010)	NA	NA	NA	NA	NA
Diphenylamine	ND(0.010)	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.010)	NA	NA	NA	NA	NA
Fluoranthene	ND(0.010)	NA	NA	NA	NA	NA
Fluorene	ND(0.010)	NA	NA	NA	NA	NA
Hexachlorobenzene	ND(0.010)	NA	NA	NA	NA	NA
Hexachlorobutadiene	ND(0.0010)	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	ND(0.010)	NA	NA	NA	NA	NA
Hexachloroethane	ND(0.010)	NA	NA	NA	NA	NA
Hexachlorophene	ND(0.020) J	NA	NA	NA	NA	NA
Hexachloropropene	ND(0.010)	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.010)	NA	NA	NA	NA	NA
Isodrin	ND(0.010)	NA	NA	NA	NA	NA
Isophorone	ND(0.010)	NA	NA	NA	NA	NA
Isosafrole	ND(0.010) J	NA	NA	NA	NA	NA
Methapyrilene	ND(0.010) J	NA	NA	NA	NA	NA
Methyl Methanesulfonate	ND(0.010)	NA	NA	NA	NA	NA
Naphthalene	ND(0.010)	NA	NA	NA	NA	NA
Nitrobenzene	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosomorpholine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosopiperidine	ND(0.010)	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	ND(0.010)	NA	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06
Semivolatile Organics (continued)						
o,o,o-Triethylphosphorothioate	ND(0.010)	NA	NA	NA	NA	NA
o-Toluidine	ND(0.010)	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.010)	NA	NA	NA	NA	NA
Pentachlorobenzene	ND(0.010) J	NA	NA	NA	NA	NA
Pentachloroethane	ND(0.010)	NA	NA	NA	NA	NA
Pentachloronitrobenzene	ND(0.010)	NA	NA	NA	NA	NA
Pentachlorophenol	ND(0.050)	NA	NA	NA	NA	NA
Phenacetin	ND(0.010)	NA	NA	NA	NA	NA
Phenanthrene	ND(0.010)	NA	NA	NA	NA	NA
Phenol	ND(0.010)	NA	NA	NA	NA	NA
Pronamide	ND(0.010) J	NA	NA	NA	NA	NA
Pyrene	ND(0.010)	NA	NA	NA	NA	NA
Pyridine	ND(0.010)	NA	NA	NA	NA	NA
Safrole	ND(0.010) J	NA	NA	NA	NA	NA
Thionazin	ND(0.010)	NA	NA	NA	NA	NA
Organochlorine Pesticides						
4,4'-DDD	ND(0.00010)	NA	NA	NA	NA	NA
4,4'-DDE	ND(0.00010)	NA	NA	NA	NA	NA
4,4'-DDT	ND(0.00010)	NA	NA	NA	NA	NA
Aldrin	ND(0.000050)	NA	NA	NA	NA	NA
Alpha-BHC	ND(0.000050)	NA	NA	NA	NA	NA
Alpha-Chlordane	ND(0.000050)	NA	NA	NA	NA	NA
Beta-BHC	ND(0.000050)	NA	NA	NA	NA	NA
Delta-BHC	ND(0.000050)	NA	NA	NA	NA	NA
Dieldrin	ND(0.00010)	NA	NA	NA	NA	NA
Endosulfan I	ND(0.00010)	NA	NA	NA	NA	NA
Endosulfan II	ND(0.00010)	NA	NA	NA	NA	NA
Endosulfan Sulfate	ND(0.00010)	NA	NA	NA	NA	NA
Endrin	ND(0.00010)	NA	NA	NA	NA	NA
Endrin Aldehyde	ND(0.00010)	NA	NA	NA	NA	NA
Endrin Ketone	ND(0.00010)	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	ND(0.000050)	NA	NA	NA	NA	NA
Gamma-Chlordane	ND(0.000050)	NA	NA	NA	NA	NA
Heptachlor	ND(0.000050)	NA	NA	NA	NA	NA
Heptachlor Epoxide	ND(0.000050)	NA	NA	NA	NA	NA
Kepone	ND(0.050) J	NA	NA	NA	NA	NA
Methoxychlor	ND(0.00050)	NA	NA	NA	NA	NA
Technical Chlordane	ND(0.00050)	NA	NA	NA	NA	NA
Toxaphene	ND(0.0010)	NA	NA	NA	NA	NA
Organophosphate Pesticides						
Dimethoate	ND(0.050) J	NA	NA	NA	NA	NA
Disulfoton	ND(0.010)	NA	NA	NA	NA	NA
Ethyl Parathion	ND(0.010)	NA	NA	NA	NA	NA
Famphur	ND(0.050)	NA	NA	NA	NA	NA
Methyl Parathion	ND(0.010) J	NA	NA	NA	NA	NA
Phorate	ND(0.010)	NA	NA	NA	NA	NA
Sulfotep	ND(0.010) J	NA	NA	NA	NA	NA
Herbicides						
2,4,5-T	ND(0.0020)	NA	NA	NA	NA	NA
2,4,5-TP	ND(0.0020)	NA	NA	NA	NA	NA
2,4-D	ND(0.010)	NA	NA	NA	NA	NA
Dinoseb	ND(0.0010)	NA	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06
Furans						
2,3,7,8-TCDF	ND(0.00000000067)	NA	NA	NA	NA	NA
TCDFs (total)	ND(0.00000000067)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	0.00000000048 J	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.0000000010) X	NA	NA	NA	NA	NA
PeCDFs (total)	0.0000000011	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.0000000014 J	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000000080) X	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.0000000025)	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000000056) X	NA	NA	NA	NA	NA
HxCDFs (total)	0.0000000014	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000000014 J	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000000025)	NA	NA	NA	NA	NA
HpCDFs (total)	0.0000000014	NA	NA	NA	NA	NA
OCDF	0.0000000029 J	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000000060)	NA	NA	NA	NA	NA
TCDDs (total)	ND(0.00000000060)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.0000000025)	NA	NA	NA	NA	NA
PeCDDs (total)	ND(0.0000000025)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.0000000025)	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.0000000025)	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.0000000025)	NA	NA	NA	NA	NA
HxCDDs (total)	ND(0.0000000025)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000000019 J	NA	NA	NA	NA	NA
HpCDDs (total)	0.0000000031	NA	NA	NA	NA	NA
OCDD	0.000000015 J	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000000026	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Antimony	0.0120 B	NA	NA	NA	NA	NA
Arsenic	ND(0.0100)	NA	NA	NA	NA	NA
Barium	0.0630 B	NA	NA	NA	NA	NA
Beryllium	ND(0.00100)	NA	NA	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA	NA	NA
Chromium	0.00110 B	NA	NA	NA	NA	NA
Cobalt	0.000990 B	NA	NA	NA	NA	NA
Copper	ND(0.0250)	NA	NA	NA	NA	NA
Cyanide	ND(0.0100)	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	NA
Mercury	ND(0.000200)	NA	NA	NA	NA	NA
Nickel	ND(0.0400)	NA	NA	NA	NA	NA
Selenium	ND(0.00500) J	NA	NA	NA	NA	NA
Silver	ND(0.00500)	NA	NA	NA	NA	NA
Sulfide	ND(5.00)	NA	NA	NA	NA	NA
Thallium	ND(0.0100)	NA	NA	NA	NA	NA
Tin	ND(0.0300)	NA	NA	NA	NA	NA
Vanadium	ND(0.0500)	NA	NA	NA	NA	NA
Zinc	ND(0.0200) J	NA	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	82B-R 4/26-6/1/2006	89A 05/02/06	89B 05/02/06	89D-R 05/02/06	90A 04/25/06	90B 04/25/06
Inorganics-Filtered						
Antimony	ND(0.0600)	NA	NA	NA	NA	NA
Arsenic	ND(0.0100)	NA	NA	NA	NA	NA
Barium	0.0490 B	NA	NA	NA	NA	NA
Beryllium	ND(0.00100)	NA	NA	NA	NA	NA
Cadmium	ND(0.00500)	NA	NA	NA	NA	NA
Chromium	ND(0.0100)	NA	NA	NA	NA	NA
Cobalt	ND(0.0500)	NA	NA	NA	NA	NA
Copper	ND(0.0250)	NA	NA	NA	NA	NA
Cyanide	ND(0.0100)	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	NA
Mercury	ND(0.000200)	NA	NA	NA	NA	NA
Nickel	ND(0.0400)	NA	NA	NA	NA	NA
Selenium	ND(0.00500)	NA	NA	NA	NA	NA
Silver	ND(0.00500)	NA	NA	NA	NA	NA
Thallium	ND(0.0100)	NA	NA	NA	NA	NA
Tin	ND(0.0300)	NA	NA	NA	NA	NA
Vanadium	ND(0.0500)	NA	NA	NA	NA	NA
Zinc	ND(0.0200) J	NA	NA	NA	NA	NA
Natural Attenuation Parameters						
Alkalinity (Total)	NA	340	200	330	150	130
Chloride	NA	340	110	620	10	5.8
Dissolved Iron	NA	0.0290 B	1.90	ND(0.100)	ND(0.100)	5.10
Dissolved Organic Carbon	NA	5.70	4.60	6.60	1.00	6.10
Ethane	NA	ND(0.20)	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020)
Ethene	NA	ND(0.20)	ND(0.20)	0.64	ND(0.020)	ND(0.020)
Methane	NA	5.80	2.70	1.30	0.150	0.0900
Nitrate Nitrogen	NA	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Nitrite Nitrogen	NA	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	NA	ND(5.00)	ND(5.00)	ND(1.00)	18.0	6.80

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	95A 05/01/06	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	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)]	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	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)]	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010) [ND(0.0010)]	ND(0.0010) J
1,2,3-Trichloropropane	ND(0.0050)	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)]	ND(0.0050)
1,2-Dibromoethane	ND(0.0010)	ND(0.0010) [ND(0.0010)]	ND(0.0010) [ND(0.0010)]	ND(0.0010)
1,2-Dichloroethane	ND(0.0050)	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
1,2-Dichloropropane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J [ND(0.20) J]	ND(0.20) J [ND(0.20) J]	ND(0.20) J
2-Butanone	ND(0.010)	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)]	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
2-Hexanone	ND(0.010)	ND(0.010) J [ND(0.010) J]	ND(0.010) J [ND(0.010) J]	ND(0.010) J
3-Chloropropene	ND(0.0050)	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)]	ND(0.010)
Acetone	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	ND(0.010)
Acetonitrile	ND(0.10) J	ND(0.10) J [ND(0.10) J]	ND(0.10) J [ND(0.10) J]	ND(0.10) J
Acrolein	ND(0.10)	ND(0.10) J [ND(0.10) J]	ND(0.10) J [ND(0.10) J]	ND(0.10) J
Acrylonitrile	ND(0.0050)	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
Benzene	ND(0.0050)	0.0031 J [0.0030 J]	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)]	ND(0.0050)
Bromoform	ND(0.0050)	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)]	ND(0.0020)
Carbon Disulfide	ND(0.0050)	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
Carbon Tetrachloride	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene	ND(0.0050)	0.073 [0.074]	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)]	ND(0.0050)
Chloroform	ND(0.0050)	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)]	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	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)]	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050)	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
Ethyl Methacrylate	ND(0.0050) J	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)]	ND(0.0050)
Iodomethane	ND(0.0050)	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)]	ND(0.10)
Methacrylonitrile	ND(0.0050) J	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
Methyl Methacrylate	ND(0.0050) J	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)]	ND(0.0050)
Propionitrile	ND(0.010)	ND(0.010) J [ND(0.010) J]	ND(0.010) J [ND(0.010) J]	ND(0.010) J
Styrene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethene	ND(0.0020)	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)]	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	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)]	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
Trichloroethene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050) J
Trichlorofluoromethane	ND(0.0050) J	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Acetate	ND(0.0050)	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J
Vinyl Chloride	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020) [ND(0.0020)]	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	ND(0.010)
Total VOCs	ND(0.20)	0.076 J [0.077 J]	ND(0.20) [ND(0.20)]	ND(0.20)

TABLE D-1
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GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	95A 05/01/06	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
PCBs-Unfiltered				
Aroclor-1016	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1221	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1232	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1242	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1248	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1254	NA	0.00024 [0.000044 J]	NA	ND(0.000065)
Aroclor-1260	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Total PCBs	NA	0.00024 [0.000044 J]	NA	ND(0.000065)
PCBs-Filtered				
Aroclor-1016	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1221	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1232	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1242	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1248	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Aroclor-1254	NA	0.00011 [0.000083]	NA	ND(0.000065)
Aroclor-1260	NA	ND(0.000065) [ND(0.000065)]	NA	ND(0.000065)
Total PCBs	NA	0.00011 [0.000083]	NA	ND(0.000065)
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
1,2,4-Trichlorobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
1,2-Dichlorobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
1,2-Diphenylhydrazine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
1,3,5-Trinitrobenzene	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
1,3-Dichlorobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
1,3-Dinitrobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010) J
1,4-Dichlorobenzene	NA	0.0025 J [0.0023 J]	NA	0.0013 J
1,4-Naphthoquinone	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
1-Naphthylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010) J
2,3,4,6-Tetrachlorophenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010) J
2,4,5-Trichlorophenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2,4,6-Trichlorophenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2,4-Dichlorophenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2,4-Dimethylphenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2,4-Dinitrophenol	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050)
2,4-Dinitrotoluene	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
2,6-Dichlorophenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010) J
2,6-Dinitrotoluene	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
2-Acetylaminofluorene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Chloronaphthalene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Chlorophenol	ND(0.010)	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Methylnaphthalene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Methylphenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Naphthylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Nitroaniline	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050) J
2-Nitrophenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
2-Picoline	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
3&4-Methylphenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
3,3'-Dichlorobenzidine	NA	ND(0.020) [ND(0.020)]	NA	ND(0.020)
3,3'-Dimethylbenzidine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
3-Methylcholanthrene	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
3-Nitroaniline	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050)
4,6-Dinitro-2-methylphenol	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050)
4-Aminobiphenyl	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
4-Bromophenyl-phenylether	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
4-Chloro-3-Methylphenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
4-Chloroaniline	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
4-Chlorobenzilate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
4-Chlorophenol	ND(0.010)	ND(0.010) [ND(0.010)]	NA	NA
4-Chlorophenyl-phenylether	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	95A 05/01/06	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Semivolatile Organics (continued)				
4-Nitroaniline	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050)
4-Nitrophenol	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050)
4-Nitroquinoline-1-oxide	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
4-Phenylenediamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
5-Nitro-o-toluidine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
a,a'-Dimethylphenethylamine	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
Acenaphthene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Acenaphthylene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Acetophenone	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Aniline	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Anthracene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Aramite	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010) J
Benzidine	NA	ND(0.020) J [ND(0.020) J]	NA	ND(0.020) J
Benzo(a)anthracene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Benzo(a)pyrene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Benzo(b)fluoranthene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Benzo(g,h,i)perylene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Benzo(k)fluoranthene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Benzyl Alcohol	NA	ND(0.020) [ND(0.020)]	NA	ND(0.020)
bis(2-Chloroethoxy)methane	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
bis(2-Chloroethyl)ether	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
bis(2-Chloroisopropyl)ether	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
bis(2-Ethylhexyl)phthalate	NA	ND(0.0060) J [ND(0.0060) J]	NA	ND(0.0060)
Butylbenzylphthalate	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010)
Chrysene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Diallate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Dibenzo(a,h)anthracene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Dibenzofuran	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Diethylphthalate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Dimethylphthalate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Di-n-Butylphthalate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Di-n-Octylphthalate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Diphenylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Ethyl Methanesulfonate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Fluoranthene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Fluorene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Hexachlorobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Hexachlorobutadiene	NA	ND(0.0010) [ND(0.0010)]	NA	ND(0.0010)
Hexachlorocyclopentadiene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Hexachloroethane	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Hexachlorophene	NA	ND(0.020) J [ND(0.020) J]	NA	ND(0.020) J
Hexachloropropene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Indeno(1,2,3-cd)pyrene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Isodrin	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Isophorone	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Isosafrole	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
Methapyrilene	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
Methyl Methanesulfonate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Naphthalene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Nitrobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosodiethylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosodimethylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitroso-di-n-butylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitroso-di-n-propylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosodiphenylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosomethylethylamine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosomorpholine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosopiperidine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
N-Nitrosopyrrolidine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	95A 05/01/06	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Semivolatile Organics (continued)				
o,o,o-Triethylphosphorothioate	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
o-Toluidine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
p-Dimethylaminoazobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Pentachlorobenzene	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010)
Pentachloroethane	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Pentachloronitrobenzene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010) J
Pentachlorophenol	NA	ND(0.050) [ND(0.050)]	NA	ND(0.050)
Phenacetin	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Phenanthrene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Phenol	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Pronamide	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010)
Pyrene	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Pyridine	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Safrole	NA	ND(0.010) J [ND(0.010) J]	NA	ND(0.010) J
Thionazin	NA	ND(0.010) [ND(0.010)]	NA	ND(0.010)
Organochlorine Pesticides				
4,4'-DDD	NA	ND(0.00010) [ND(0.00010)]	NA	NA
4,4'-DDE	NA	ND(0.00010) [ND(0.00010)]	NA	NA
4,4'-DDT	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Aldrin	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Alpha-BHC	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Alpha-Chlordane	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Beta-BHC	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Delta-BHC	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Dieldrin	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Endosulfan I	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Endosulfan II	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Endosulfan Sulfate	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Endrin	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Endrin Aldehyde	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Endrin Ketone	NA	ND(0.00010) [ND(0.00010)]	NA	NA
Gamma-BHC (Lindane)	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Gamma-Chlordane	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Heptachlor	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Heptachlor Epoxide	NA	ND(0.000050) [ND(0.000050)]	NA	NA
Kepone	NA	ND(0.050) J [ND(0.050) J]	NA	NA
Methoxychlor	NA	ND(0.00050) [ND(0.00050)]	NA	NA
Technical Chlordane	NA	ND(0.00050) [ND(0.00050)]	NA	NA
Toxaphene	NA	ND(0.0010) [ND(0.0010)]	NA	NA
Organophosphate Pesticides				
Dimethoate	NA	ND(0.050) J [ND(0.050) J]	NA	NA
Disulfoton	NA	ND(0.010) [ND(0.010)]	NA	NA
Ethyl Parathion	NA	ND(0.010) [ND(0.010)]	NA	NA
Famphur	NA	ND(0.050) [ND(0.050)]	NA	NA
Methyl Parathion	NA	ND(0.010) J [ND(0.010) J]	NA	NA
Phorate	NA	ND(0.010) [ND(0.010)]	NA	NA
Sulfotep	NA	ND(0.010) J [ND(0.010) J]	NA	NA
Herbicides				
2,4,5-T	NA	ND(0.0020) [ND(0.0020)]	NA	NA
2,4,5-TP	NA	ND(0.0020) [ND(0.0020)]	NA	NA
2,4-D	NA	ND(0.010) [ND(0.010)]	NA	NA
Dinoseb	NA	ND(0.0010) [ND(0.0010)]	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	95A 05/01/06	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Furans				
2,3,7,8-TCDF	NA	ND(0.0000000012) [ND(0.0000000011)]	NA	ND(0.0000000040)
TCDFs (total)	NA	ND(0.0000000012) [ND(0.0000000011)]	NA	ND(0.0000000077)
1,2,3,7,8-PeCDF	NA	0.00000000092 J [ND(0.0000000024)]	NA	ND(0.0000000056)
2,3,4,7,8-PeCDF	NA	0.0000000017 J [ND(0.0000000024)]	NA	ND(0.0000000055)
PeCDFs (total)	NA	ND(0.0000000024) [ND(0.0000000024)]	NA	ND(0.0000000056)
1,2,3,4,7,8-HxCDF	NA	0.0000000026 J [ND(0.0000000024)]	NA	ND(0.0000000064)
1,2,3,6,7,8-HxCDF	NA	0.0000000019 J [ND(0.0000000024)]	NA	ND(0.0000000056)
1,2,3,7,8,9-HxCDF	NA	0.0000000011 J [ND(0.0000000024)]	NA	ND(0.0000000076)
2,3,4,6,7,8-HxCDF	NA	0.0000000013 J [ND(0.0000000024)]	NA	ND(0.0000000063)
HxCDFs (total)	NA	0.000000023 J [ND(0.0000000024) J]	NA	ND(0.0000000064)
1,2,3,4,6,7,8-HpCDF	NA	0.000000025 J [0.0000000073 J]	NA	ND(0.0000000069)
1,2,3,4,7,8,9-HpCDF	NA	0.0000000014 J [ND(0.0000000024)]	NA	ND(0.0000000089)
HpCDFs (total)	NA	0.000000044 [0.0000000073]	NA	ND(0.0000000077)
OCDF	NA	0.000000018 J [0.000000048 J]	NA	ND(0.000000014)
Dioxins				
2,3,7,8-TCDD	NA	ND(0.0000000010) [ND(0.0000000010)]	NA	ND(0.0000000038)
TCDDs (total)	NA	ND(0.0000000010) [ND(0.0000000010)]	NA	ND(0.000000010)
1,2,3,7,8-PeCDD	NA	0.00000000083 J [ND(0.0000000024)]	NA	ND(0.0000000048)
PeCDDs (total)	NA	ND(0.0000000024) [ND(0.0000000024)]	NA	ND(0.000000011)
1,2,3,4,7,8-HxCDD	NA	0.00000000079 J [ND(0.0000000024)]	NA	ND(0.0000000065)
1,2,3,6,7,8-HxCDD	NA	0.0000000010 J [ND(0.0000000024)]	NA	ND(0.0000000060)
1,2,3,7,8,9-HxCDD	NA	0.0000000010 J [ND(0.0000000024)]	NA	ND(0.0000000065)
HxCDDs (total)	NA	ND(0.0000000024) [ND(0.0000000024)]	NA	ND(0.0000000094)
1,2,3,4,6,7,8-HpCDD	NA	0.0000000034 J [ND(0.0000000024)]	NA	ND(0.0000000076)
HpCDDs (total)	NA	0.0000000058 [ND(0.0000000024)]	NA	ND(0.000000011)
OCDD	NA	0.000000017 J [0.0000000058 J]	NA	ND(0.000000020)
Total TEQs (WHO TEFs)	NA	0.0000000035 [0.0000000034]	NA	0.0000000084
Inorganics-Unfiltered				
Antimony	NA	ND(0.0600) [ND(0.0600)]	NA	ND(0.0600)
Arsenic	NA	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Barium	NA	0.0780 B [0.0780 B]	NA	0.0360 B
Beryllium	NA	ND(0.00100) [ND(0.00100)]	NA	ND(0.00100)
Cadmium	NA	ND(0.00500) [ND(0.00500)]	NA	0.000630 B
Chromium	NA	0.000840 B [ND(0.0100)]	NA	0.00120 B
Cobalt	NA	ND(0.0500) [ND(0.0500)]	NA	0.00160 B
Copper	NA	ND(0.0250) [ND(0.0250)]	NA	0.00220 B
Cyanide	NA	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Lead	NA	0.00140 B [ND(0.00500)]	NA	ND(0.00500)
Mercury	NA	ND(0.000200) [ND(0.000200)]	NA	ND(0.000200)
Nickel	NA	ND(0.0400) [ND(0.0400)]	NA	0.00540 B
Selenium	NA	ND(0.00500) J [ND(0.00500) J]	NA	ND(0.00500) J
Silver	NA	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500) J
Sulfide	NA	2.40 B [ND(5.00)]	NA	2.40 B
Thallium	NA	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Tin	NA	0.0320 [ND(0.0300)]	NA	ND(0.0300)
Vanadium	NA	ND(0.0500) [ND(0.0500)]	NA	ND(0.0500)
Zinc	NA	ND(0.0200) J [ND(0.0200) J]	NA	ND(0.0260) J

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

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GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	95A 05/01/06	95B-R 4/26-5/31/2006	111A-R 04/24/06	111B-R 04/25/06
Inorganics-Filtered				
Antimony	NA	ND(0.0600) [ND(0.0600)]	NA	ND(0.0600)
Arsenic	NA	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Barium	NA	0.0710 B [0.0710 B]	NA	0.0370 B
Beryllium	NA	ND(0.00100) [ND(0.00100)]	NA	ND(0.00100)
Cadmium	NA	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Chromium	NA	ND(0.0100) [ND(0.0100)]	NA	0.000760 B
Cobalt	NA	ND(0.0500) [ND(0.0500)]	NA	0.00160 B
Copper	NA	ND(0.0250) [ND(0.0250)]	NA	ND(0.0250)
Cyanide	NA	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Lead	NA	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Mercury	NA	ND(0.000200) [ND(0.000200)]	NA	ND(0.000200)
Nickel	NA	ND(0.0400) [ND(0.0400)]	NA	0.00560 B
Selenium	NA	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Silver	NA	ND(0.00500) [ND(0.00500)]	NA	ND(0.00500)
Thallium	NA	ND(0.0100) [ND(0.0100)]	NA	ND(0.0100)
Tin	NA	ND(0.0300) [ND(0.0300)]	NA	ND(0.0300)
Vanadium	NA	ND(0.0500) [ND(0.0500)]	NA	ND(0.0500)
Zinc	NA	0.0110 J [ND(0.0200) J]	NA	0.0240 J
Natural Attenuation Parameters				
Alkalinity (Total)	110	180 [190]	140 [140]	87.0
Chloride	1.7	87 [83]	92 [92]	8.8
Dissolved Iron	ND(0.100)	0.510 [0.490]	ND(0.100) [ND(0.100)]	ND(0.100)
Dissolved Organic Carbon	1.40	3.80 [4.00]	0.960 B [0.940 B]	1.20
Ethane	ND(0.020)	ND(0.20) [ND(0.20)]	ND(0.020) [ND(0.020)]	ND(0.020)
Ethene	ND(0.020)	ND(0.20) [ND(0.20)]	ND(0.020) [ND(0.020)]	ND(0.020)
Methane	0.320	2.46 [2.71]	ND(0.00720) [ND(0.00720)]	ND(0.00720)
Nitrate Nitrogen	ND(0.100)	ND(0.100) [ND(0.100)]	ND(0.100) [ND(0.100)]	6.30
Nitrite Nitrogen	ND(0.500)	ND(0.500) [ND(0.500)]	ND(0.500) [ND(0.500)]	ND(0.500)
Sulfate (turbidimetric)	15.0	ND(5.00) [ND(5.00)]	120 J [76.0 J]	170

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,1,1-Trichloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,1,2,2-Tetrachloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,1,2-Trichloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,1-Dichloroethene	ND(0.0010)	ND(0.010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropropane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,2-Dibromo-3-chloropropane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,2-Dibromoethane	ND(0.0010) J	ND(0.010)	ND(0.0010) J	ND(0.0010) J
1,2-Dichloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,2-Dichloropropane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
1,4-Dioxane	ND(0.20) J	ND(0.20) J	ND(0.20) J	ND(0.20) J
2-Butanone	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
2-Chloro-1,3-butadiene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
2-Chloroethylvinylether	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
2-Hexanone	ND(0.010) J	ND(0.010) J	ND(0.010) J	ND(0.010) J
3-Chloropropene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
4-Methyl-2-pentanone	ND(0.010) J	ND(0.10)	ND(0.010) J	ND(0.010) J
Acetone	ND(0.010)	ND(0.010) J	ND(0.010)	ND(0.010)
Acetonitrile	ND(0.10) J	ND(1.0)	ND(0.10) J	ND(0.10) J
Acrolein	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Acrylonitrile	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Benzene	ND(0.0050)	0.021 J	ND(0.0050)	ND(0.0050)
Bromodichloromethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Bromoform	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Bromomethane	ND(0.0020) J	ND(0.020)	ND(0.0020) J	ND(0.0020) J
Carbon Disulfide	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Carbon Tetrachloride	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	0.29	ND(0.0050)	ND(0.0050)
Chloroethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Chloromethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
cis-1,3-Dichloropropene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Dibromochloromethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Dibromomethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Dichlorodifluoromethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Ethyl Methacrylate	ND(0.0050) J	ND(0.050)	ND(0.0050) J	ND(0.0050) J
Ethylbenzene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Iodomethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Isobutanol	ND(0.10) J	ND(1.0)	ND(0.10) J	ND(0.10) J
Methacrylonitrile	ND(0.0050)	ND(0.010) J	ND(0.0050)	ND(0.0050)
Methyl Methacrylate	ND(0.0050) J	ND(0.050)	ND(0.0050) J	ND(0.0050) J
Methylene Chloride	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Propionitrile	ND(0.010) J	ND(0.10)	ND(0.010) J	ND(0.010) J
Styrene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.020)	ND(0.0020)	ND(0.0020)
Toluene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
trans-1,3-Dichloropropene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
trans-1,4-Dichloro-2-butene	ND(0.0050)	ND(0.010) J	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Trichlorofluoromethane	ND(0.0050)	ND(0.050)	ND(0.0050)	ND(0.0050)
Vinyl Acetate	ND(0.0050) J	ND(0.050)	ND(0.0050) J	ND(0.0050) J
Vinyl Chloride	ND(0.0020)	0.013 J	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.10)	ND(0.010)	ND(0.010)
Total VOCs	ND(0.20)	0.32 J	ND(0.20)	ND(0.20)

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
PCBs-Unfiltered				
Aroclor-1016	NA	ND(0.000065)	NA	NA
Aroclor-1221	NA	ND(0.000065)	NA	NA
Aroclor-1232	NA	ND(0.000065)	NA	NA
Aroclor-1242	NA	ND(0.000065)	NA	NA
Aroclor-1248	NA	ND(0.000065)	NA	NA
Aroclor-1254	NA	0.00040	NA	NA
Aroclor-1260	NA	ND(0.000065)	NA	NA
Total PCBs	NA	0.00040	NA	NA
PCBs-Filtered				
Aroclor-1016	NA	ND(0.000065)	NA	NA
Aroclor-1221	NA	ND(0.000065)	NA	NA
Aroclor-1232	NA	ND(0.000065)	NA	NA
Aroclor-1242	NA	ND(0.000065)	NA	NA
Aroclor-1248	NA	ND(0.000065)	NA	NA
Aroclor-1254	NA	0.00087	NA	NA
Aroclor-1260	NA	ND(0.000065)	NA	NA
Total PCBs	NA	0.00087	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA
1,2-Diphenylhydrazine	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA
1,3-Dinitrobenzene	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	NA	NA
1-Naphthylamine	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA
2,6-Dichlorophenol	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA
2-Acetylaminofluorene	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA
2-Naphthylamine	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA
2-Picoline	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA
4-Aminobiphenyl	NA	NA	NA	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA
4-Chlorobenzilate	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Semivolatile Organics (continued)				
4-Nitroaniline	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	NA
4-Phenylenediamine	NA	NA	NA	NA
5-Nitro-o-toluidine	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA
Acetophenone	NA	NA	NA	NA
Aniline	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA
Aramite	NA	NA	NA	NA
Benzidine	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA
Diallate	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA
Di-n-Butylphthalate	NA	NA	NA	NA
Di-n-Octylphthalate	NA	NA	NA	NA
Diphenylamine	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA
Hexachlorophene	NA	NA	NA	NA
Hexachloropropene	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA
Isodrin	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA
Isosafrole	NA	NA	NA	NA
Methapyrilene	NA	NA	NA	NA
Methyl Methanesulfonate	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA
N-Nitrosodiethylamine	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA
N-Nitrosomethylethylamine	NA	NA	NA	NA
N-Nitrosomorpholine	NA	NA	NA	NA
N-Nitrosopiperidine	NA	NA	NA	NA
N-Nitrosopyrrolidine	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Semivolatile Organics (continued)				
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA
o-Toluidine	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	NA	NA
Pentachlorobenzene	NA	NA	NA	NA
Pentachloroethane	NA	NA	NA	NA
Pentachloronitrobenzene	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA
Phenacetin	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA
Phenol	NA	NA	NA	NA
Pronamide	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA
Safrole	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA
Endrin	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA
Kepone	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA
Organophosphate Pesticides				
Dimethoate	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA
Famphur	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA
Phorate	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA
Herbicides				
2,4,5-T	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Furans				
2,3,7,8-TCDF	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA
OCDF	NA	NA	NA	NA
Dioxins				
2,3,7,8-TCDD	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA
OCDD	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA
Inorganics-Unfiltered				
Antimony	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA
Lead	NA	NA	NA	NA
Mercury	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Silver	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA
Thallium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	114A 05/09/06	114B-R 04/20/06	115A 05/10/06	115B 05/10/06
Inorganics-Filtered				
Antimony	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA
Lead	NA	NA	NA	NA
Mercury	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Silver	NA	NA	NA	NA
Thallium	NA	NA	NA	NA
Tin	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Natural Attenuation Parameters				
Alkalinity (Total)	120	270	150	240
Chloride	1.6	110	2.0	8.6
Dissolved Iron	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Dissolved Organic Carbon	0.400 B	2.20	0.610 B	1.40
Ethane	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Ethene	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
Methane	0.330	0.140	ND(0.00720)	ND(0.00720)
Nitrate Nitrogen	ND(0.100)	ND(0.100)	ND(0.100)	0.360
Nitrite Nitrogen	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	7.70	9.70	ND(5.00)	13.0

TABLE D-1
SPRING 2006 GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents and Natural Attenuation Parameters.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

Inorganics and Natural Attenuation Parameters

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

Appendix E

Historical Groundwater Data

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TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Location ID: / Sample ID: / Date Collected:	2A UBG02A 01/09/97	2A UBG2AX (Bailer) 01/09/97	2A UBG2A 04/30/97	2A UBG2AX (Bailer) 04/30/97	2A UBG2A 10/09/97	2A UBG02A 04/21/98	2A UBG2A 12/22/98	2A 2A 04/30/99	2A 2A 10/20/99	2A 2A 05/12/00	2A 2A 11/17/00
Volatile Organics											
Benzene	34	34 D	45	45	41	46	43	41	29 D	17	31
Chlorobenzene	110	100 D	140	150	150	130 DE	190	180	190 D	110	96
Trichloroethene	7.6	11	13	13	9.9	8.9	11	9.8 J	7.3 DJ	ND(5.0)	11
Vinyl Chloride	ND(10)	ND(2.0)	ND(12)	ND(12)	ND(10)	ND(3.3)	ND(10)	ND(12)	ND(0.10)	ND(10)	ND(0.010)
Total VOCs	150 J	150	200 J	210 J	200 J	350 J	250 J	240 J	230 J	130	140
Semivolatile Organics											
2-Chlorophenol	NA	NA	0.0010 J	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	2.1	NA	NA	NA	NA
Natural Attenuation Parameters											
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	240	NA	240	NA	NA	NA	254	NA	NA	NA	NA
Alkalinity to pH 8.3	ND(1.00)	NA	ND(1.00)	NA	NA	NA	ND(1.00)	NA	NA	NA	NA
Ammonia Nitrogen	0.0900	NA	0.150	NA	NA	NA	ND(0.200)	NA	NA	NA	NA
Chloride	43	NA	36	NA	NA	NA	29	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA	NA	NA
Dissolved Organic Carbon	3.90	NA	3.50	NA	NA	NA	1.60	NA	NA	NA	NA
Ethane	ND(0.0050)	NA	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA	NA
Ethene	ND(0.0050)	NA	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA	NA
Methane	ND(0.00500)	NA	ND(0.00500)	NA	NA	NA	ND(0.00500)	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	47.6	NA	47.2	NA	NA	NA	37.6	NA	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	1.30	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	2A 002A 04/23/02	2A 2A 04/12/04	2A 2A 04/07/05	2A 2A 04/19/06	16A PUEXG16A 02/22/91	16A UBG16A 12/13/96	16A UBG16AX (Bailer) 12/13/96	16A UBG16A 04/28/97	16A UBG16AX (Bailer) 04/28/97
Volatile Organics									
Benzene	4.4	21	27	34	17	20	15	13 [14]	8.1
Chlorobenzene	8.2	81	120	160	65	41	30	36 D [33 D]	11
Trichloroethene	0.47	8.4	12	11	ND(0.0050)	ND(1.3)	ND(1.0)	0.086 J [ND(0.42)]	ND(0.42)
Vinyl Chloride	ND(0.0050)	ND(5.0)	ND(5.0)	ND(0.20)	ND(0.010)	ND(2.5)	ND(2.0)	0.15 J [0.14 J]	ND(0.83)
Total VOCs	13	110	160	210	82	62 J	46	54 J [51]	21 J
Semivolatile Organics									
2-Chlorophenol	NA	ND(0.010)	ND(0.010)	ND(0.010)	NA	0.035	NA	NA	NA
4-Chlorophenol	NA	ND(0.010)	1.8	1.9	NA	NA	NA	NA	NA
Natural Attenuation Parameters									
Alkalinity (Total)	140	190	180	180	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	420	NA	424	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	ND(1.00)	NA	ND(1.00)	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	0.310	NA	0.320	NA
Chloride	40	16	10	8.0	NA	2400	NA	3300	NA
Dissolved Iron	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.100)	NA	NA	NA	NA	NA
Dissolved Organic Carbon	11.0	3.10	0.750 B	1.90	NA	35.0	NA	35.1	NA
Ethane	0.017	0.0045	ND(0.0040)	ND(0.020)	NA	ND(0.0050)	NA	ND(0.0050)	NA
Ethene	0.30	0.017	ND(0.0030)	ND(0.020)	NA	0.13	NA	0.26	NA
Methane	0.0450	0.0110	ND(0.00200)	ND(0.00720)	NA	0.730	NA	1.50	NA
Nitrate Nitrogen	0.0490 B	0.0170 B	0.0380 B	ND(0.100)	NA	NA	NA	NA	NA
Nitrite Nitrogen	0.00300 B	0.0440 B	0.0820	ND(0.500)	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	30.0	26.0	21.0	20.0	NA	2.20	NA	ND(2.00)	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID:	16A	16A	16A	16A	16A	16A	16A	16A	16A	16A	16A
Sample ID:	UBG16A	UBG16A	UBG16A	16A	16A	16A	16A	16A	16A	16A	16A
Parameter Date Collected:	10/08/97	04/14/98	12/14/98	04/27/99	10/19/99	05/12/00	11/17/00	04/26/02	04/14/04	04/08/05	04/20/06
Volatile Organics											
Benzene	19	17	94	17	16 D	14	16	7.5	13	13	14
Chlorobenzene	38	33 D	220	33	42 D	47	37	16	24	26	31
Trichloroethene	ND(1.3)	ND(0.62)	ND(17)	ND(3.3)	0.010	ND(10)	0.017	ND(0.010)	ND(0.50)	ND(1.0)	ND(5.0)
Vinyl Chloride	ND(2.5)	ND(1.2)	ND(17)	ND(3.3)	0.064	ND(20)	0.072	0.16	ND(0.50)	ND(1.0)	ND(2.0)
Total VOCs	58 J	51	320 J	51 J	59 J	61	53	24	38	39	46 J
Semivolatile Organics											
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	0.027	0.035	0.019
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.010)	0.60	0.55
Natural Attenuation Parameters											
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	490	470	460	430
Alkalinity to pH 4.5	NA	NA	474	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	ND(1.00)	NA	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	ND(0.200)	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	2400	NA	NA	NA	NA	1700	1900	1300	1400
Dissolved Iron	NA	NA	1.00	NA	NA	NA	NA	1.30	0.640	0.940	1.20
Dissolved Organic Carbon	NA	NA	37.2	NA	NA	NA	NA	59.0	38.0	28.0	25.0
Ethane	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.050)	ND(0.020)	ND(0.0040)	ND(0.20)
Ethene	NA	NA	ND(0.25)	NA	NA	NA	NA	0.15	0.23	ND(0.0030)	0.23
Methane	NA	NA	1.10	NA	NA	NA	NA	1.40	1.30	0.330	3.10
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	0.0140 B	0.0170 B	0.00950 B	ND(0.100)
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	ND(0.0500)	ND(0.0500)	0.00280 B	ND(0.500)
Sulfate (turbidimetric)	NA	NA	ND(2.00)	NA	NA	NA	NA	5.30	1.60 B	0.540 B	ND(5.00)
Total Nitrate/Nitrite Nitrogen	NA	NA	ND(0.100)	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	16B UBG16B 12/13/96	16B UBG16B 04/28/97	16B UBG16BX (Bailer) 04/28/97	16B UBG16B 10/09/97	16B UBG16B 04/14/98	16B-R 16B-R 04/26/02	16B-R 16B-R 04/15/04	16B-R 16B-R 10/07/04
Volatile Organics								
Benzene	0.0040 J	0.011	0.014	0.0030 J	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	0.0050 J	0.010	0.016	0.0020 J	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.00052 J [0.00056 J]
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.00061 J [0.00064 J]
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Total VOCs	0.0090 J	0.062 J	0.056 J	0.0050 J	0.0020 J	ND(0.20) [ND(0.20)]	ND(0.20)	0.0011 J [0.0012 J]
Semivolatile Organics								
2-Chlorophenol	ND(0.015)	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters								
Alkalinity (Total)	NA	NA	NA	NA	NA	480 [480]	510	NA
Alkalinity to pH 4.5	243	263	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	ND(1.00)	ND(1.00)	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	8.23	8.89	NA	NA	NA	NA	NA	NA
Chloride	53	63	NA	NA	NA	290 [280]	270	NA
Dissolved Iron	NA	NA	NA	NA	NA	0.360 [ND(0.0500)]	ND(0.0500)	NA
Dissolved Organic Carbon	7.00	7.90	NA	NA	NA	11.0 [15.0]	11.0	NA
Ethane	ND(0.030)	ND(0.10)	NA	NA	NA	ND(0.10) [ND(0.20)]	ND(0.020)	NA
Ethene	ND(0.0050)	ND(0.0050)	NA	NA	NA	ND(0.10) [ND(0.20)]	ND(0.015)	NA
Methane	2.80	ND(0.00500)	NA	NA	NA	2.70 [2.70]	0.740	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	0.0270 B [0.0320 B]	0.100	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	0.00360 B [0.00340 B]	ND(0.0500)	NA
Sulfate (turbidimetric)	ND(8.00)	ND(8.00)	NA	NA	NA	15.0 [16.0]	23.0	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	16B-R 16B-R 04/08/05	16B-R 16B-R 10/20/05	16B-R 16B-R 04/20/06	16C PUEXG16C 02/22/91	16C UBG16C 12/17/96	16C UBG16C 04/28/97	16C UBG16C 10/09/97	16C UBG16C 04/14/98	16C UBG16C 12/15/98	16C 16C 04/26/99	16C 16C 10/19/99	16C 16C 05/12/00
Volatile Organics												
Benzene	0.0033 J	ND(0.0050)	0.012 J	0.076	ND(0.010)	0.0030 J	0.0040 J	ND(0.010)	ND(0.010)	ND(0.010)	0.0020 J	ND(0.0050)
Chlorobenzene	0.015	ND(0.0050)	0.051 J	0.16	ND(0.010)	0.0030 J	ND(0.010)	ND(0.010)	0.0010 J	0.0020 J	0.0060 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	0.0015 J	ND(0.0020)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.018 J	0.0015 J	0.063	0.27 J	0.0040 J	0.0060 J	0.012 J	0.051 J	0.0020 J	0.0040 J	0.010 J	ND(0.20)
Semivolatile Organics												
2-Chlorophenol	NA	NA	NA	NA	ND(0.015)	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters												
Alkalinity (Total)	440	NA	490	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	113	102	NA	NA	104	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	ND(1.00)	ND(1.00)	NA	NA	6.90	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	0.360	0.280	NA	NA	ND(0.200)	NA	NA	NA
Chloride	160	NA	570	NA	6.2	3.0	NA	NA	ND(1.0)	NA	NA	NA
Dissolved Iron	ND(0.0500)	NA	ND(0.100)	NA	NA	NA	NA	NA	ND(0.100)	NA	NA	NA
Dissolved Organic Carbon	5.70	NA	6.60	NA	2.00	1.50	NA	NA	1.10	NA	NA	NA
Ethane	ND(0.0040)	NA	ND(0.20)	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA
Ethene	0.12	NA	ND(0.20)	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA
Methane	0.690	NA	2.20	NA	0.400	1.19	NA	NA	0.570	NA	NA	NA
Nitrate Nitrogen	0.0560	NA	ND(0.100)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	0.00900 B	NA	ND(0.500)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	35.0	NA	11.0	NA	2.00 NN	2.00 NN	NA	NA	ND(2.00)	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID:	16C	16C	16C-R	16C-R	16C-R	39B	39B	39B	39B	39B
Sample ID:	16C	16C	16C-R	16C-R	16C-R	PU39B233	PUEX39BG	UBG39B	UBG39BX (Bailer)	UBG39B
Parameter Date Collected:	11/17/00	04/25/02	04/27/05	04/26/06	05/31/06	03/06/91	04/19/91	12/16/96	12/16/96	04/23/97
Volatile Organics										
Benzene	0.036	ND(0.0050)	0.0039 J	ND(0.0050)	NA	0.0030 J	5.6	ND(0.77)	ND(0.50)	5.6
Chlorobenzene	0.021	0.0027 J	0.013	0.0012 J	NA	0.0070	ND(1.5)	14	6.1	16
Trichloroethene	ND(0.0050)	ND(0.0050)	0.0020 J	ND(0.0050)	NA	0.0030 J	1.8	ND(0.38)	ND(0.25)	ND(0.50)
Vinyl Chloride	ND(0.010)	ND(0.0020)	ND(0.0020)	ND(0.0020)	NA	ND(0.011)	ND(2.0)	ND(0.77)	ND(0.50)	ND(1.0)
Total VOCs	0.057	0.0027 J	0.023 J	0.0012 J	NA	0.054 J	16	15	6.4 J	24 J
Semivolatile Organics										
2-Chlorophenol	NA	NA	NA	NA	NA	NA	0.042 J	0.010 J	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters										
Alkalinity (Total)	NA	160	130	130	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	334	NA	250
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	ND(1.00)	NA	ND(1.00)
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	0.680	NA	0.660
Chloride	NA	4.0	9.0	2.0	NA	NA	NA	4.2	NA	69
Dissolved Iron	NA	ND(0.0500)	0.0480 B	ND(0.100)	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	NA	8.70	ND(1.0)	0.810 B	NA	NA	NA	10.0	NA	13.2
Ethane	NA	ND(0.50)	ND(0.0040)	NA	ND(0.020)	NA	NA	ND(0.0050)	NA	0.010
Ethene	NA	ND(0.50)	ND(0.0030)	NA	ND(0.020)	NA	NA	0.0070	NA	0.021
Methane	NA	12.0	ND(0.00200)	NA	0.0446	NA	NA	0.640	NA	1.00
Nitrate Nitrogen	NA	0.150	0.0690	0.130	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	ND(0.0500)	0.0140 B	ND(0.500)	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	3.60	3.20	6.30	NA	NA	NA	4.40	NA	ND(2.00)
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Location ID: / Sample ID: / Date Collected:	39B UBG39BX (Bailer) 04/23/97	39B UBG39B 10/10/97	39B UBG39B 04/16/98	39B UBG39B 12/21/98	39B 39B 04/29/99	39B 39B 10/20/99	39B 39B 05/12/00	39B 39B 11/17/00
Volatile Organics								
Benzene	4.9	4.1 [4.6]	ND(5.0)	3.6	2.9 J	1.3 DJ [1.5]	ND(5.0)	2.0
Chlorobenzene	13	30 [35]	52	48	63	36 D [31 D]	53	26
Trichloroethene	ND(0.50)	1.3 [1.5]	0.74 J	0.94 J	1.0 J	0.13 [0.13]	ND(5.0)	0.082
Vinyl Chloride	ND(1.0)	ND(2.0) [ND(2.0)]	ND(5.0)	ND(3.3)	ND(3.3)	0.0090 J [0.010 J]	ND(10)	0.036
Total VOCs	20 J	37 J [43 J]	54 J	55 J	69 J	37 J [34]	53	29
Semivolatile Organics								
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters								
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	334 [157]	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	ND(1.00) [3.10]	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	0.990 [ND(0.200)]	NA	NA	NA	NA
Chloride	NA	NA	NA	44 [2.3]	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	11.3 [ND(0.100)]	NA	NA	NA	NA
Dissolved Organic Carbon	NA	NA	NA	10.7 [ND(1.00)]	NA	NA	NA	NA
Ethane	NA	NA	NA	0.015 [ND(0.0050)]	NA	NA	NA	NA
Ethene	NA	NA	NA	0.017 [ND(0.0050)]	NA	NA	NA	NA
Methane	NA	NA	NA	1.10 [0.00580]	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	NA	ND(2.00) [14.0]	NA	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	ND(0.100) [ND(0.100)]	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	39B-R 39B-R 04/13/04	39B-R 39B-R 04/07/05	39B-R 39B-R 10/21/05	39B-R 39B-R 04/20/06	39D PUEX39DG 04/19/91	39D UBG39D 12/16/96	39D UBG39D 04/23/97	39D UBG39D 10/10/97	39D UBG39D 04/16/98	39D UBG39D 12/21/98	39D 39D 04/29/99	39D 39D 10/20/99
Volatile Organics												
Benzene	0.59	0.17 J	0.049	1.4 J	0.11 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	9.7	12	0.24	32	5.5	0.026	0.020	0.027	0.025	0.030	0.030	0.028 B
Trichloroethene	ND(0.50)	0.35 J	ND(0.010)	0.86 J	0.14 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	ND(0.50)	ND(0.50)	ND(0.010)	ND(2.0)	ND(0.33)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	10	13 J	0.29	35 J	6.1 J	0.026	0.020	0.027	0.027 J	0.033 J	0.032 J	0.032 J
Semivolatile Organics												
2-Chlorophenol	ND(0.010)	0.0096 J	NA	0.0094 J	0.011 J	ND(0.015)	NA	NA	NA	NA	NA	NA
4-Chlorophenol	ND(0.010)	0.60	NA	0.71	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters												
Alkalinity (Total)	490	500	NA	280	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	172	144	NA	NA	156	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	ND(1.00)	ND(1.00)	NA	NA	3.20	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	0.310	0.0600	NA	NA	ND(0.200)	NA	NA
Chloride	230	250	NA	400	NA	2.5	4.0	NA	NA	2.6	NA	NA
Dissolved Iron	ND(0.0500)	ND(0.0500)	NA	0.0250 B	NA	NA	NA	NA	NA	ND(0.100)	NA	NA
Dissolved Organic Carbon	12.0	2.50	NA	8.00	NA	1.00	1.50	NA	NA	ND(1.00)	NA	NA
Ethane	ND(0.0040)	ND(0.0040)	NA	ND(0.020)	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA
Ethene	0.0033	ND(0.0030)	NA	ND(0.020)	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA
Methane	0.230	0.0300	NA	0.280	NA	ND(0.00500)	0.00700	NA	NA	0.00610	NA	NA
Nitrate Nitrogen	1.30	1.90	NA	0.340	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	ND(0.0500)	ND(0.0500)	NA	ND(0.500)	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	9.90	9.20	NA	13.0	NA	13.2	12.2	NA	NA	13.2	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID:	39D	39D	39D	39D	39D	39D-R	39E	39E	39E	39E	39E	39E
Sample ID:	39D	39D	39D	39D	39D	39D-R	PU39EG	PUG39E	UBG39E	UBG39E	UBG39E	UBG39E
Parameter Date Collected:	05/12/00	11/16/00	04/23/02	04/14/04	04/07/05	04/20/06	04/19/91	02/26/92	12/16/96	04/23/97	10/10/97	04/16/98
Volatile Organics												
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.050	0.011	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	0.025	0.027	0.0063	0.019	0.019	0.64	0.24	0.0010 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.12	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.025	0.027	0.0063	0.019	0.023 J	0.83 J	0.29 J	0.027 J	ND(3.7)	0.085 J	0.0010 J	0.0040 J
Semivolatile Organics												
2-Chlorophenol	NA	NA	NA	NA	NA	NA	ND(0.012)	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters												
Alkalinity (Total)	NA	NA	160	140	140	140	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	116	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(1.00)	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	4.0	4.3	4.2	8.4	NA	NA	NA	3.1	NA	NA
Dissolved Iron	NA	NA	0.130	0.0540	0.0360 B	ND(0.100)	NA	NA	NA	NA	NA	NA
Dissolved Organic Carbon	NA	NA	2.10	2.30	ND(1.00)	3.40	NA	NA	NA	2.00	NA	NA
Ethane	NA	NA	ND(0.020)	ND(0.0040)	ND(0.0040)	ND(0.020)	NA	NA	NA	NA	NA	NA
Ethene	NA	NA	ND(0.020)	ND(0.0030)	ND(0.0030)	ND(0.020)	NA	NA	NA	NA	NA	NA
Methane	NA	NA	0.0230	ND(0.00200)	ND(0.00200)	ND(0.00720)	NA	NA	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	0.0370 B	ND(0.0500)	ND(0.0500)	ND(0.100)	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.500)	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	18.0	19.0	19.0	56.0	NA	NA	NA	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	39E UBG39E 12/21/98	39E 39E 04/29/99	39E 39E 10/20/99	39E 39E 05/12/00	39E 39E 11/17/00	39E MW-39-E 04/25/02	39E 39E 04/21/04	39E 39E 04/13/05	39E 39E 04/20/06
Volatile Organics									
Benzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.0015 J
Chlorobenzene	ND(0.010)	0.0010 J	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.068
Trichloroethene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	ND(0.0020)	ND(0.0020)
Total VOCs	0.0020 J	0.0050 J	0.0050 J	ND(0.20)	ND(0.20)	ND(0.20)	0.0017 J [ND(0.20)]	ND(0.20)	0.070 J
Semivolatile Organics									
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters									
Alkalinity (Total)	NA	NA	NA	NA	NA	24.0	94.0 [97.0]	43.0	81.0
Alkalinity to pH 4.5	119	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	1.20	NA	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	ND(0.200)	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	4.3	NA	NA	NA	NA	9.2	10 [10]	62	7.8
Dissolved Iron	ND(0.100)	NA	NA	NA	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]	0.0900	0.180
Dissolved Organic Carbon	ND(1.00)	NA	NA	NA	NA	5.20	2.30 [2.80]	ND(1.4)	1.20
Ethane	ND(0.0050)	NA	NA	NA	NA	ND(0.0010)	ND(0.0040) [ND(0.0040)]	ND(0.0040)	ND(0.020)
Ethene	ND(0.0050)	NA	NA	NA	NA	ND(0.0010)	ND(0.0030) [ND(0.0030)]	ND(0.0030)	ND(0.020)
Methane	0.0270	NA	NA	NA	NA	ND(0.00100)	0.370 [0.310]	0.140	0.940
Nitrate Nitrogen	NA	NA	NA	NA	NA	1.00	0.320 [0.290]	0.840	ND(0.100)
Nitrite Nitrogen	NA	NA	NA	NA	NA	ND(0.0500)	ND(0.0500) [ND(0.0500)]	0.00770 B	ND(0.500)
Sulfate (turbidimetric)	ND(2.00)	NA	NA	NA	NA	5.70	3.60 [3.00]	4.90	ND(5.00)
Total Nitrate/Nitrite Nitrogen	0.370	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID:	43A	43A	43A	43A	43A	43A	43A	43B	43B	43B
Sample ID:	PUEXG43A	UBG43A	UBG43A	43A	43A	43A	43A	PUEXG43B	UBG43B	UBG43B
Parameter / Date Collected:	02/27/91	01/13/97	05/06/97	04/26/02	04/14/04	04/12/05	04/19/06	02/27/91	01/13/97	05/06/97
Volatile Organics										
Benzene	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0020 J
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.024	ND(3.7)	0.086 J	ND(0.20)	ND(0.20)	0.077 J	ND(0.20)	0.043	ND(3.7)	0.0090 J
Semivolatile Organics										
2-Chlorophenol	ND(0.010)	NA	NA	NA	NA	NA	NA	ND(0.010)	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters										
Alkalinity (Total)	NA	NA	NA	330	370	350	200	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	368	NA	NA	NA	NA	NA	496	486
Alkalinity to pH 8.3	NA	NA	ND(1.00)	NA	NA	NA	NA	NA	ND(1.00)	ND(1.00)
Ammonia Nitrogen	NA	NA	ND(0.0500)	NA	NA	NA	NA	NA	0.880	0.970
Chloride	NA	NA	ND(1.0)	29	39	40	38	NA	ND(1.0)	1.3
Dissolved Iron	NA	NA	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.100)	NA	NA	NA
Dissolved Organic Carbon	NA	NA	2.30	4.30	5.70	ND(1.00)	1.60	NA	2.90	3.60
Ethane	NA	NA	ND(0.0050)	ND(0.050)	ND(0.0040)	ND(0.0040)	ND(0.20)	NA	ND(0.0050)	ND(0.0050)
Ethene	NA	NA	ND(0.0050)	ND(0.050)	ND(0.0030)	ND(0.0030)	ND(0.20)	NA	ND(0.0050)	ND(0.0050)
Methane	NA	NA	0.240	0.730	0.110	0.0830	1.60	NA	0.800	2.80
Nitrate Nitrogen	NA	NA	NA	0.0200 B	0.0280 B	ND(0.0500)	ND(0.100)	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.500)	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	55.3	42.0	48.0	43.0	ND(5.00)	NA	ND(2.00)	ND(2.00)
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter	Location ID: / Sample ID: / Date Collected:	43B 43B 04/26/02	43B 43B 04/21/04	43B 43B 04/07/05	43B 43B 04/19/06
Volatile Organics					
Benzene		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)
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs		ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Semivolatile Organics					
2-Chlorophenol		NA	NA	NA	NA
4-Chlorophenol		NA	NA	NA	NA
Natural Attenuation Parameters					
Alkalinity (Total)		570	590	620	590
Alkalinity to pH 4.5		NA	NA	NA	NA
Alkalinity to pH 8.3		NA	NA	NA	NA
Ammonia Nitrogen		NA	NA	NA	NA
Chloride		49	57	58	50
Dissolved Iron		ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.100)
Dissolved Organic Carbon		9.00	11.0	7.60	2.70
Ethane		ND(0.10)	ND(0.020)	ND(0.0040)	ND(0.020)
Ethene		ND(0.10)	ND(0.015)	ND(0.0030)	ND(0.020)
Methane		1.30	0.770	0.880	0.980
Nitrate Nitrogen		0.0170 B	ND(0.0500)	0.0800	ND(0.100)
Nitrite Nitrogen		ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.500)
Sulfate (turbidimetric)		1.30	ND(2.00)	ND(2.00)	ND(5.00)
Total Nitrate/Nitrite Nitrogen		NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	89A PUEXG89A 02/21/91	89A UBG89A 12/05/96	89A UBG89AX (Bailer) 12/05/96	89A UBG89A 04/24/97	89A UBG89AX (Bailer) 04/24/97	89A UBG89A 10/07/97	89A UBG89A 04/15/98	89A UBG89A 12/17/98	89A 89A 04/28/99
Volatile Organics									
Benzene	11	16	13	25	19	18	14	10	8.8 [8.8]
Chlorobenzene	48	49	42	53	42	ND(3.3)	49	34	33 [33]
Trichloroethene	ND(1.2)	ND(1.7)	ND(1.2)	ND(1.7)	ND(1.3)	ND(1.7)	ND(1.2)	ND(2.5)	ND(2.5) [ND(2.5)]
Vinyl Chloride	2.1 J	0.48 J	0.43 J	ND(3.3)	ND(2.5)	0.80 J	ND(2.5)	ND(2.5)	ND(2.5) [ND(2.5)]
Total VOCs	63 J	65 J	55 J	100 J	74 J	73 J	63	45	42 [42]
Semivolatile Organics									
2-Chlorophenol	NA	0.0030 J	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	0.74	NA
Natural Attenuation Parameters									
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	383	NA	376	NA	NA	NA	368	NA
Alkalinity to pH 8.3	NA	ND(1.00)	NA	ND(1.00)	NA	NA	NA	ND(1.00)	NA
Ammonia Nitrogen	NA	ND(0.0500)	NA	0.0900	NA	NA	NA	ND(0.200)	NA
Chloride	NA	860	NA	1100	NA	NA	NA	580	NA
Dissolved Iron	NA	NA	NA	NA	NA	NA	NA	0.650	NA
Dissolved Organic Carbon	NA	10.0	NA	11.5	NA	NA	NA	8.90	NA
Ethane	NA	ND(0.010)	NA	0.13	NA	NA	NA	0.017	NA
Ethene	NA	0.50	NA	1.3	NA	NA	NA	1.4	NA
Methane	NA	0.800	NA	2.40	NA	NA	NA	2.30	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	ND(2.00)	NA	ND(2.00)	NA	NA	NA	ND(2.00)	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID:	89A	89A	89A	89A	89A	89A	89A	89A	89A
Sample ID:	89A	89A	89A	89A	89A	89A	89A	89A	89A
Parameter Date Collected:	10/21/99	05/15/00	11/22/00	05/12/04	05/12/04	05/02/05	05/02/05	05/02/06	05/02/06
Volatile Organics									
Benzene	2.1 D	7.3	7.0	5.9	NA	5.5	NA	5.6	NA
Chlorobenzene	5.6 D	21	24	22	NA	16	NA	14	NA
Trichloroethene	ND(0.10)	ND(1.0)	ND(0.050)	ND(0.050)	NA	ND(1.0)	NA	ND(1.0)	NA
Vinyl Chloride	ND(0.10)	ND(1.0)	ND(0.050)	ND(0.050)	NA	ND(1.0)	NA	ND(1.0)	NA
Total VOCs	7.7 J	28	31	28	NA	22	NA	20	NA
Semivolatile Organics									
2-Chlorophenol	NA	NA	NA	ND(0.010)	NA	NA	NA	0.0068 J	NA
4-Chlorophenol	NA	NA	NA	ND(0.010)	NA	NA	NA	0.010	NA
Natural Attenuation Parameters									
Alkalinity (Total)	NA	NA	NA	350	NA	340	NA	340	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	390	NA	320	NA	340	NA
Dissolved Iron	NA	NA	NA	NA	ND(0.0500)	NA	ND(0.0500)	NA	0.0290 B
Dissolved Organic Carbon	NA	NA	NA	8.60	NA	11.0	NA	5.70	NA
Ethane	NA	NA	NA	0.044	NA	0.023	NA	ND(0.20)	NA
Ethene	NA	NA	NA	0.057	NA	0.0054	NA	ND(0.20)	NA
Methane	NA	NA	NA	0.850 E	NA	1.40	NA	5.80	NA
Nitrate Nitrogen	NA	NA	NA	0.0100 B	NA	0.0170 B	NA	ND(0.100)	NA
Nitrite Nitrogen	NA	NA	NA	ND(0.0500)	NA	ND(0.0500)	NA	ND(0.500)	NA
Sulfate (turbidimetric)	NA	NA	NA	ND(2.00)	NA	ND(2.00)	NA	ND(5.00)	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	89B PUEXG89B 02/21/91	89B UBG89B 12/05/96	89B UBG89BX (Bailer) 12/05/96	89B UBG89B 04/24/97	89B UBG89BX (Bailer) 04/24/97	89B UBG89B 10/07/97	89B UBG89B 04/17/98	89B UBG89B 12/17/98	89B 89B 04/28/99	89B 89B 10/21/99
Volatile Organics										
Benzene	3.0 D	1.0	1.1	0.31	ND(0.14)	5.8	1.3	0.040 J	0.19	0.0030 J
Chlorobenzene	15 D	4.3	4.5	1.6	ND(0.92)	14	5.6	0.63	1.2	0.17
Trichloroethene	ND(0.0050)	ND(0.14)	ND(0.16)	ND(0.042)	ND(0.042)	ND(0.45)	ND(0.25)	ND(0.062)	ND(0.077)	ND(0.010)
Vinyl Chloride	ND(0.010)	ND(0.29)	ND(0.31)	ND(0.083)	ND(0.083)	ND(0.91)	ND(0.50)	ND(0.062)	ND(0.077)	ND(0.010)
Total VOCs	18	5.3	5.6	1.9	ND(31)	20	6.9	0.68 J	1.4	0.18 J
Semivolatile Organics										
2-Chlorophenol	NA	0.0080 J	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters										
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	173	NA	150	NA	NA	NA	176	NA	NA
Alkalinity to pH 8.3	NA	ND(1.00)	NA	ND(1.00)	NA	NA	NA	ND(1.00)	NA	NA
Ammonia Nitrogen	NA	0.270	NA	0.180	NA	NA	NA	ND(0.200)	NA	NA
Chloride	NA	31	NA	11	NA	NA	NA	29	NA	NA
Dissolved Iron	NA	NA	NA	NA	NA	NA	NA	7.03	NA	NA
Dissolved Organic Carbon	NA	4.00	NA	4.10	NA	NA	NA	12.0	NA	NA
Ethane	NA	ND(0.010)	NA	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA
Ethene	NA	ND(0.0050)	NA	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA
Methane	NA	0.230	NA	0.140	NA	NA	NA	1.40	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	12.2	NA	18.2	NA	NA	NA	ND(2.00)	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Location ID:	89B	89B	89B	89B	89B	89B	89B	89D
Sample ID:	89B	89B	89B	89B	89B	89B	89B	PUEXG89D
Date Collected:	05/15/00	11/22/00	04/30/04	10/14/04	05/03/05	11/09/05	05/02/06	02/21/91
Volatile Organics								
Benzene	ND(0.0050)	0.92	0.16 [0.16]	0.0014 J [0.079]	0.16 [0.17]	0.0022 J [0.0022 J]	0.017	0.0010 J
Chlorobenzene	0.027	4.4	0.91 [0.89]	0.010 J [0.56 J]	1.4 [1.3]	0.23 [0.20]	0.15	0.0060
Trichloroethene	ND(0.0050)	ND(0.010)	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.050)]	ND(0.10) [ND(0.10)]	ND(0.0050) [ND(0.0050)]	ND(0.010)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.0020) [ND(0.0020)]	ND(0.0020) [ND(0.050)]	ND(0.10) [ND(0.10)]	ND(0.0020) [ND(0.0020)]	ND(0.010)	ND(0.010)
Total VOCs	0.027	5.3	1.1 [1.1]	0.011 J [0.64]	1.6 [1.5]	0.23 J [0.20 J]	0.17 J	0.011 J
Semivolatile Organics								
2-Chlorophenol	NA	NA	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	0.0049 J [0.0068 J]	ND(0.010) [ND(0.010)]	ND(0.010)	NA
4-Chlorophenol	NA	NA	NA	ND(0.010) [ND(0.010)]	NA	NA	ND(0.010)	NA
Natural Attenuation Parameters								
Alkalinity (Total)	NA	NA	220 [210]	NA	270 [260]	NA	200	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	91 [98]	NA	130 [110]	NA	110	NA
Dissolved Iron	NA	NA	2.10 [3.20]	NA	5.60 [5.80]	NA	1.90	NA
Dissolved Organic Carbon	NA	NA	8.70 [9.00]	NA	6.90 [5.20]	NA	4.60	NA
Ethane	NA	NA	ND(0.040) [ND(0.040)]	NA	ND(0.0040) [ND(0.0040)]	NA	ND(0.20)	NA
Ethene	NA	NA	ND(0.030) [ND(0.030)]	NA	ND(0.0030) [ND(0.0030)]	NA	ND(0.20)	NA
Methane	NA	NA	2.40 [2.30]	NA	2.80 [2.80]	NA	2.70	NA
Nitrate Nitrogen	NA	NA	0.0280 B [0.0610]	NA	0.0150 B [0.0510]	NA	ND(0.100)	NA
Nitrite Nitrogen	NA	NA	ND(0.0500) [ND(0.0500)]	NA	0.00790 B [0.0130 B]	NA	ND(0.500)	NA
Sulfate (turbidimetric)	NA	NA	0.180 B [0.170 B]	NA	ND(2.00) [ND(2.00)]	NA	ND(5.00)	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	89D UBG89D 12/05/96	89D UBG89D 04/24/97	89D UBG89D 10/07/97	89D UBG89D 04/17/98	89D UBG89D 12/18/98	89D 89D 04/28/99	89D 89D 10/21/99	89D 89D 05/15/00	89D 89D 11/22/00	89D-R 89D-R 04/26/05	89D-R 89D-R 05/02/05	89D-R 89D-R 05/02/06
Volatile Organics												
Benzene	ND(0.010)	ND(0.010)	ND(0.010)	0.0020 J	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	0.15	NA	12
Chlorobenzene	ND(0.010)	0.0020 J	0.0030 J	0.0080 J	ND(0.010)	ND(0.010)	0.0040 J	ND(0.0050)	ND(0.0050)	0.45	NA	34
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.010)	NA	ND(0.10)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	NA	0.17
Total VOCs	ND(3.7)	0.0020 J	0.0050 J	0.090 J	0.0020 J	0.0010 J	0.0090 J	ND(0.20)	ND(0.20)	0.62	NA	46
Semivolatile Organics												
2-Chlorophenol	ND(0.015)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters												
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	330	330
Alkalinity to pH 4.5	NA	107	NA	NA	141	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	ND(1.00)	NA	NA	ND(1.00)	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	0.210	NA	NA	ND(0.200)	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	ND(1.0)	NA	NA	1.4	NA	NA	NA	NA	NA	540	620
Dissolved Iron	NA	NA	NA	NA	0.870	NA	NA	NA	NA	NA	ND(0.0500)	ND(0.100)
Dissolved Organic Carbon	NA	2.90	NA	NA	ND(1.00)	NA	NA	NA	NA	NA	7.60	6.60
Ethane	NA	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.0040)	NA	ND(0.020)
Ethene	NA	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA	NA	0.0032	NA	0.64
Methane	NA	3.30	NA	NA	0.310	NA	NA	NA	NA	0.00890	NA	1.30
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00480 B	ND(0.100)
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0500)	ND(0.500)
Sulfate (turbidimetric)	NA	ND(2.00)	NA	NA	ND(4.00)	NA	NA	NA	NA	NA	18.0	ND(1.00)
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	ND(0.100)	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Location ID: / Sample ID: / Date Collected:	90A PUEXG90A 02/20/91	90A UBG90A 12/10/96	90A UBG90A 04/29/97	90A UBG90A 10/07/97	90A UBG90A 04/14/98	90A UBG90A 12/22/98	90A 90A 04/28/99	90A 90A 10/22/99	90A 90A 05/10/00	90A 90A 11/15/00
Volatile Organics										
Benzene	ND(0.0050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	0.0040 J	ND(0.010)	0.012	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	ND(0.12)	0.0040 J [0.0040 J]	ND(3.7)	ND(3.7)	0.0020 J [0.0020 J]	0.011 J	0.0020 J	0.028 J	ND(0.20)	ND(0.20)
Semivolatile Organics										
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters										
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	135	147	NA	NA	135	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	ND(1.00)	ND(1.00)	NA	NA	ND(1.00)	NA	NA	NA	NA
Ammonia Nitrogen	NA	0.170	0.150	NA	NA	ND(0.200)	NA	NA	NA	NA
Chloride	NA	4.3	4.9	NA	NA	3.3	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	NA	NA	2.53	NA	NA	NA	NA
Dissolved Organic Carbon	NA	1.00	1.70	NA	NA	ND(1.00)	NA	NA	NA	NA
Ethane	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA	NA
Ethene	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA	NA
Methane	NA	0.0280	0.0750	NA	NA	0.0200	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	15.1	19.7	NA	NA	10.5	NA	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	ND(0.100)	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	90A 90A 04/26/04	90A 90A 04/14/05	90A 90A 04/25/06	90B PUEXG90B 02/20/91	90B UBG90B 12/10/96	90B UBG90B 04/29/97	90B UBG90B 10/06/97	90B UBG90B 04/14/98	90B UBG90B 12/22/98	90B 90B 04/28/99	90B 90B 10/22/99
Volatile Organics											
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.0060 J	ND(0.010)	0.024
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	ND(0.20)	0.00072 J	0.0056	ND(0.12)	0.0040 J	ND(3.7)	ND(3.7)	0.0030 J	0.014 J	0.0010 J	0.029 J
Semivolatile Organics											
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters											
Alkalinity (Total)	140	160	150	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	117	129	NA	NA	113	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	ND(1.00)	ND(1.00)	NA	NA	ND(1.00)	NA	NA
Ammonia Nitrogen	NA	NA	NA	NA	0.160	0.180	NA	NA	ND(0.200)	NA	NA
Chloride	4.6	7.4	10	NA	4.2	3.7	NA	NA	4.0	NA	NA
Dissolved Iron	ND(0.0500)	ND(0.0500)	ND(0.100)	NA	NA	NA	NA	NA	4.95	NA	NA
Dissolved Organic Carbon	2.30	ND(1.0)	1.00	NA	4.00	3.70	NA	NA	6.60	NA	NA
Ethane	ND(0.0040)	ND(0.0040)	ND(0.020)	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA
Ethene	ND(0.0030)	ND(0.0030)	ND(0.020)	NA	ND(0.0050)	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA
Methane	0.0240	0.0190	0.150	NA	0.0330	0.0920	NA	NA	0.0570	NA	NA
Nitrate Nitrogen	0.0130 B	0.0540	ND(0.100)	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	ND(0.0500)	ND(0.0500)	ND(0.500)	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	13.0	20.0	18.0	NA	18.9	9.90	NA	NA	10.1	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	90B 90B 05/10/00	90B 90B 11/15/00	90B 90B 04/23/04	90B 90B 04/29/04	90B 90B 10/07/04	90B 90B 04/14/05	90B 90B 11/04/05	90B 90B 04/25/06	95A UBG95A 12/11/96	95A UBG95A 04/25/97
Volatile Organics										
Benzene	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	NA	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	NA	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)
Trichloroethene	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	NA	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	NA	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)	ND(0.010)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20) [ND(0.20)]	NA	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.0028 J	ND(3.7)	0.22 J
Semivolatile Organics										
2-Chlorophenol	NA	NA	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters										
Alkalinity (Total)	NA	NA	130	NA	NA	140	NA	130	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	NA	115	107
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	NA	ND(1.00)	ND(1.00)
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	0.120	0.150
Chloride	NA	NA	5.0	NA	NA	4.1	NA	5.8	ND(2.0)	ND(2.0)
Dissolved Iron	NA	NA	2.90	NA	NA	2.60	NA	5.10	NA	NA
Dissolved Organic Carbon	NA	NA	6.90	NA	NA	6.40	NA	6.10	1.00	1.40
Ethane	NA	NA	ND(0.0040)	NA	NA	ND(0.0040)	NA	ND(0.020)	ND(0.0050)	ND(0.0050)
Ethene	NA	NA	ND(0.0030)	NA	NA	ND(0.0030)	NA	ND(0.020)	ND(0.0050)	ND(0.0050)
Methane	NA	NA	0.0160	NA	NA	0.0340	NA	0.0900	0.200	0.440
Nitrate Nitrogen	NA	NA	0.0400 B	NA	NA	0.140	NA	ND(0.100)	NA	NA
Nitrite Nitrogen	NA	NA	ND(0.0500)	NA	NA	0.00260 B	NA	ND(0.500)	NA	NA
Sulfate (turbidimetric)	NA	NA	11.0	NA	NA	4.20	NA	6.80	ND(4.00)	ND(4.00)
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	95A UBG95AX (Bailer) 04/25/97	95A UBG95A 10/07/97	95A UBG95A 04/20/98	95A UBG95A 12/16/98	95A 95A 04/29/99	95A 95A 10/21/99	95A 95A 05/09/00	95A 95A 11/20/00	95A 95A 05/07/04	95A 95A 04/22/05	95A 95A 05/01/06
Volatile Organics											
Benzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	0.014	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.010)	0.0010 J	ND(0.010)	ND(0.010)	0.0030 J	0.0010 J	ND(0.0050)	0.0070	ND(0.0050)	0.00053 J	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(3.7)	0.0020 J	0.0040 J	0.0020 J	0.0060 J	0.0060 J	ND(0.20)	0.021	ND(0.20)	0.0043 J	ND(0.20)
Semivolatile Organics											
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.010)	ND(0.010)	ND(0.010)
Natural Attenuation Parameters											
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	100	100	110
Alkalinity to pH 4.5	NA	NA	NA	105	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	NA	ND(1.00)	NA	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	NA	ND(0.200)	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	ND(1.0)	NA	NA	NA	NA	1.0	ND(2.1)	1.7
Dissolved Iron	NA	NA	NA	21.4	NA	NA	NA	NA	ND(0.0500)	0.720	ND(0.100)
Dissolved Organic Carbon	NA	NA	NA	ND(1.00)	NA	NA	NA	NA	1.30	ND(1.0)	1.40
Ethane	NA	NA	NA	ND(0.0050)	NA	NA	NA	NA	NA	ND(0.0040)	ND(0.020)
Ethene	NA	NA	NA	ND(0.0050)	NA	NA	NA	NA	NA	ND(0.0030)	ND(0.020)
Methane	NA	NA	NA	1.20	NA	NA	NA	NA	NA	0.270	0.320
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	0.0620	ND(.05)	ND(0.100)
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0500)	0.00370 B	ND(0.500)
Sulfate (turbidimetric)	NA	NA	NA	ND(4.00)	NA	NA	NA	NA	2.60	0.700 B	15.0
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	ND(0.100)	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	95B UBG95B 12/05/96	95B UBG95B 04/25/97	95B UBG95BX (Bailer) 04/25/97	95B UBG95B 10/07/97	95B UBG95B 04/20/98	95B UBG95B 12/16/98	95B 95B 04/29/99	95B 95B 10/21/99	95B 95B 05/09/00	95B 95B 11/20/00
Volatile Organics										
Benzene	0.049 J	ND(2.1)	1.9	0.027 J	0.051 J	ND(0.010)	ND(0.010)	ND(0.010)	0.018	0.091
Chlorobenzene	1.4	8.7	8.0	1.1	1.0	0.054	0.060	0.036	0.21	1.2
Trichloroethene	ND(0.050)	ND(0.33)	ND(0.33)	ND(0.050)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.10)	0.79	0.68	ND(0.10)	ND(0.10)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	1.4 J	12 J	11 J	1.1 J	1.1	0.055 J	0.063 J	0.041 J	0.23	1.3
Semivolatile Organics										
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	ND(0.0094) [ND(0.0094)]	NA	NA	NA	NA
Natural Attenuation Parameters										
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	269	NA	NA	NA	134 [179]	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	ND(1.00)	NA	NA	NA	ND(1.00) [ND(1.00)]	NA	NA	NA	NA
Ammonia Nitrogen	NA	0.340	NA	NA	NA	0.220 [ND(0.200)]	NA	NA	NA	NA
Chloride	NA	130	NA	NA	NA	30 [29]	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	NA	NA	1.93 [7.23]	NA	NA	NA	NA
Dissolved Organic Carbon	NA	4.70	NA	NA	NA	3.40 [12.2]	NA	NA	NA	NA
Ethane	NA	0.018	NA	NA	NA	ND(0.0050) [ND(0.0050)]	NA	NA	NA	NA
Ethene	NA	0.18	NA	NA	NA	ND(0.0050) [ND(0.0050)]	NA	NA	NA	NA
Methane	NA	1.14	NA	NA	NA	0.350 [1.30]	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	8.90	NA	NA	NA	6.30 [ND(2.00)]	NA	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	ND(0.100) [ND(0.100)]	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	95B-R 95B-R 10/14/04	95B-R 95B-R 04/21/05	95B-R 95B-R 11/04/05	95B-R 95B-R 04/26/06	95B-R 95B-R 05/31/06	111A PUEXG111A 02/20/91	111A UBG111A 12/09/96	111A UBG111A 05/05/97	111A UBG111A 10/09/97
Volatile Organics									
Benzene	ND(0.0050)	0.047	ND(0.0050)	0.0031 J [0.0030 J]	NA	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	0.077 J	0.37	0.012	0.073 [0.074]	NA	ND(0.0050)	ND(0.010)	ND(0.010)	0.0010 J
Trichloroethene	ND(0.0050)	ND(0.010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]	NA	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0050)	ND(0.010)	ND(0.0020)	ND(0.0020) [ND(0.0020)]	NA	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.077	0.42	0.012	0.076 J [0.077 J]	NA	0.0050 J	ND(3.7)	0.0020 J	0.0010 J
Semivolatile Organics									
2-Chlorophenol	R	ND(0.010)	ND(0.010)	ND(0.010) [ND(0.010)]	NA	NA	NA	NA	NA
4-Chlorophenol	R	ND(0.010)	NA	ND(0.010) [ND(0.010)]	NA	NA	NA	NA	NA
Natural Attenuation Parameters									
Alkalinity (Total)	NA	180	NA	180 [190]	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	63.0	108	NA
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	ND(1.00)	ND(1.00)	NA
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	0.250	0.320	NA
Chloride	NA	97	NA	87 [83]	NA	NA	240	180	NA
Dissolved Iron	NA	0.820	NA	0.510 [0.490]	NA	NA	NA	NA	NA
Dissolved Organic Carbon	NA	3.40	NA	3.80 [4.00]	NA	NA	1.30	1.90	NA
Ethane	NA	ND(0.020)	NA	NA	ND(0.20) [ND(0.20)]	NA	ND(0.0050)	ND(0.0050)	NA
Ethene	NA	ND(0.015)	NA	NA	ND(0.20) [ND(0.20)]	NA	ND(0.0050)	ND(0.0050)	NA
Methane	NA	0.600 J	NA	NA	2.46 [2.71]	NA	0.290	0.440	NA
Nitrate Nitrogen	NA	0.0130 B	NA	ND(0.100) [ND(0.100)]	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	0.00440 B	NA	ND(0.500) [ND(0.500)]	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	2.00 J	NA	ND(5.00) [ND(5.00)]	NA	NA	43.2	52.0	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID:	111A	111A	111A	111A	111A	111A	111A	111A-R	111A-R
Sample ID:	UBG111A	UBG111A	UBG111A	111A	111A	111A	111A	111A-R	111A-R
Parameter Date Collected:	04/14/98	12/21/98	12/22/98	04/30/99	10/20/99	05/10/00	11/17/00	04/14/05	04/24/06
Volatile Organics									
Benzene	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	ND(0.010)	0.0050 J	NA	ND(0.010)	0.0070 JB	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene	ND(0.0050)	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Total VOCs	0.0030 J	0.012 J	NA	0.0020 J	0.016 J	ND(0.20)	ND(0.20)	0.017	ND(0.20) [ND(0.20)]
Semivolatile Organics									
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters									
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	120	140 [140]
Alkalinity to pH 4.5	NA	NA	82.4	NA	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	7.90	NA	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	0.250	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	150	NA	NA	NA	NA	110	92 [92]
Dissolved Iron	NA	NA	ND(0.100)	NA	NA	NA	NA	ND(0.0500)	ND(0.100) [ND(0.100)]
Dissolved Organic Carbon	NA	NA	1.40	NA	NA	NA	NA	ND(1.4)	0.960 B [0.940 B]
Ethane	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.0040)	ND(0.020) [ND(0.020)]
Ethene	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.0030)	ND(0.020) [ND(0.020)]
Methane	NA	NA	0.190	NA	NA	NA	NA	ND(0.00200	ND(0.00720) [ND(0.00720)]
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	0.00810 B	ND(0.100) [ND(0.100)]
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	ND(0.0500)	ND(0.500) [ND(0.500)]
Sulfate (turbidimetric)	NA	NA	27.5	NA	NA	NA	NA	54.0	120 J [76.0 J]
Total Nitrate/Nitrite Nitrogen	NA	NA	ND(0.100)	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	111B PUEXG111B 02/20/91	111B UBG111B 12/09/96	111B UBG111B 05/05/97	111B UBG111B 10/09/97	111B UBG111B 04/14/98	111B UBG111B 12/21/98	111B UBG111B 12/22/98	111B 111B 04/30/99	111B 111B 10/20/99	111B 111B 05/10/00	111B 111B 11/17/00
Volatile Organics											
Benzene	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	0.012	NA	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.0040 J	ND(3.7)	ND(3.7)	ND(3.7)	0.0020 J	0.019 J	NA	0.0030 J	0.0040 J	ND(0.20)	ND(0.20)
Semivolatile Organics											
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters											
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	117	116	NA	NA	NA	134	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	ND(1.00)	ND(1.00)	NA	NA	NA	ND(1.00)	NA	NA	NA	NA
Ammonia Nitrogen	NA	ND(0.00500)	ND(0.00500)	NA	NA	NA	ND(0.200)	NA	NA	NA	NA
Chloride	NA	3.4	3.8	NA	NA	NA	2.9	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA	NA	NA
Dissolved Organic Carbon	NA	1.40	1.90	NA	NA	NA	1.40	NA	NA	NA	NA
Ethane	NA	ND(0.0050)	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA	NA
Ethene	NA	ND(0.0050)	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA	NA
Methane	NA	ND(0.00500)	ND(0.00500)	NA	NA	NA	ND(0.00500)	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	254	241	NA	NA	NA	230	NA	NA	NA	NA
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	3.09	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 200
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	111B 111B 04/22/04	111B 111B 10/22/04	111-BR 111-BR 11/03/05	111B-R 111B-R 04/21/05	111B-R 111B-R 04/25/06	114A PUEXG114A 02/21/91	114A UBG114A 12/11/96	114A UBG114A 05/02/97	114A UBG114A 10/08/97	114A UBG114A 04/20/98	114A UBG114A 12/15/98
Volatile Organics											
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0030 J	ND(0.0050)	ND(0.0050)	0.0030 J	0.0020 J	0.0010 J	0.0010 J	ND(0.010)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.010)	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)	0.0050 J	ND(0.20)	0.0020 J	0.0030 J	0.0070 J	0.0010 J	0.0040 J	0.0050 J
Semivolatile Organics											
2-Chlorophenol	ND(0.010)	NA	ND(0.010)	ND(0.010)	ND(0.010)	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters											
Alkalinity (Total)	120	NA	NA	180	87.0	NA	NA	NA	NA	NA	NA
Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	132	NA	NA	127
Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	ND(1.00)	NA	NA	ND(1.00)
Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	0.110	NA	NA	ND(0.200)
Chloride	37	NA	NA	13	8.8	NA	NA	ND(1.0)	NA	NA	2.5
Dissolved Iron	ND(0.0500)	NA	NA	ND(0.0500)	ND(0.100)	NA	NA	NA	NA	NA	1.33
Dissolved Organic Carbon	2.50	NA	NA	1.90	1.20	NA	NA	1.50	NA	NA	ND(1.00)
Ethane	ND(0.0040)	NA	NA	ND(0.0040)	ND(0.020)	NA	NA	ND(0.0050)	NA	NA	ND(0.0050)
Ethene	ND(0.0030)	NA	NA	ND(0.0030)	ND(0.020)	NA	NA	ND(0.0050)	NA	NA	ND(0.0050)
Methane	ND(0.00200)	NA	NA	ND(0.00200)	ND(0.00720)	NA	NA	0.340	NA	NA	0.420
Nitrate Nitrogen	5.20	NA	NA	5.90	6.30	NA	NA	NA	NA	NA	NA
Nitrite Nitrogen	ND(0.0500)	NA	NA	0.0240 B	ND(0.500)	NA	NA	NA	NA	NA	NA
Sulfate (turbidimetric)	310	NA	NA	250 J	170	NA	NA	4.20	NA	NA	ND(2.00)
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

114A 114A 04/27/99	Location ID: Sample ID: Parameter Date Collected:	114A 114A 10/19/99	114A 114A 05/09/00	114A 114A 11/20/00	114A 114A 04/30/04	114A 114A 04/21/05	114A 114A 12/08/05	114A 114A 05/09/06	114B PUEXG114B 02/21/91	114B UBG114B 01/29/97	114B UBG114B 05/01/97	114B UBG114B 10/08/97
	Volatile Organics											
ND(0.010)	Benzene	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(1.0)	0.68 J	ND(0.0050)	0.0020 J	ND(0.010)	ND(0.033)	0.011 J
ND(0.010)	Chlorobenzene	0.0050 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	12	ND(1.0)	ND(0.0050)	0.13	ND(0.010)	0.33	0.40
ND(0.010)	Trichloroethene	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(1.0)	ND(1.0)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.017)	0.017
ND(0.010)	Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	ND(1.0)	ND(1.0)	ND(0.0020)	ND(0.010)	ND(0.010)	ND(0.033)	0.0060 J
0.0020 J	Total VOCs	0.0050 J	ND(0.20)	ND(0.20)	ND(0.20)	12	97	ND(0.20)	0.13 J	ND(3.7)	0.33	0.45 J
	Semivolatile Organics											
NA	2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Natural Attenuation Parameters											
NA	Alkalinity (Total)	NA	NA	NA	130	130	NA	120	NA	NA	NA	NA
NA	Alkalinity to pH 4.5	NA	NA	NA	NA	NA	NA	NA	NA	251	264	NA
NA	Alkalinity to pH 8.3	NA	NA	NA	NA	NA	NA	NA	NA	ND(1.00)	ND(1.00)	NA
NA	Ammonia Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	0.0700	NA
NA	Chloride	NA	NA	NA	1.4	1.5	NA	1.6	NA	5.2	78	NA
NA	Dissolved Iron	NA	NA	NA	ND(0.0500)	ND(0.0500)	NA	ND(0.100)	NA	NA	NA	NA
NA	Dissolved Organic Carbon	NA	NA	NA	2.20	0.510 B	NA	0.400 B	NA	6.80	6.40	NA
NA	Ethane	NA	NA	NA	ND(0.0040)	ND(0.0040)	NA	ND(0.020)	NA	ND(0.0050)	ND(0.0050)	NA
NA	Ethene	NA	NA	NA	ND(0.0030)	ND(0.0030)	NA	ND(0.020)	NA	ND(0.0050)	ND(0.0050)	NA
NA	Methane	NA	NA	NA	0.0440	0.100	NA	0.330	NA	ND(0.00500)	0.310	NA
NA	Nitrate Nitrogen	NA	NA	NA	0.0360 B	0.0260 B	NA	ND(0.100)	NA	NA	NA	NA
NA	Nitrite Nitrogen	NA	NA	NA	ND(0.0500)	0.00470 B	NA	ND(0.500)	NA	NA	NA	NA
NA	Sulfate (turbidimetric)	NA	NA	NA	4.80	1.20 J	NA	7.70	NA	14.4	16.4	NA
NA	Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

114B UBG114B 04/20/98	Location ID: / Sample ID: / Parameter / Date Collected:	114B UBG114B 12/16/98	114B 114B 04/27/99	114B 114B 10/19/99	114B 114B 05/09/00	114B 114B 11/20/00	114B 114B 05/06/04	114B 114B 05/12/04	114B-R 114B-R 10/14/04	114B-R 114B-R 04/21/05	114B-R 114B-R 12/08/05	114B-R 114B-R 04/20/06
	Volatile Organics											
ND(0.010)	Benzene	0.0010 J	0.0050 J	0.0050 J	ND(0.0050)	ND(0.010)	ND(0.0050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.021 J
0.079	Chlorobenzene	0.15	0.20	0.40 D	0.40	0.21	0.0083	NA	1.0	1.4	3.3	0.29
ND(0.0050)	Trichloroethene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	ND(0.010)	ND(0.0050)	NA	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
ND(0.010)	Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	NA	ND(0.050)	ND(0.050)	ND(0.050)	0.013 J
0.081 J	Total VOCs	0.15 J	0.21	0.41 J	0.40	0.21	0.0083	NA	1.0	1.4	3.3	0.32 J
	Semivolatile Organics											
NA	2-Chlorophenol	NA	NA	NA	NA	NA	ND(0.010)	NA	ND(0.010)	ND(0.010)	R	NA
NA	4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Natural Attenuation Parameters											
NA	Alkalinity (Total)	NA	NA	NA	NA	NA	NA	230	NA	250	NA	270
NA	Alkalinity to pH 4.5	198	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	Alkalinity to pH 8.3	ND(1.00)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	Ammonia Nitrogen	ND(0.200)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	Chloride	54	NA	NA	NA	NA	NA	67	NA	87	NA	110
NA	Dissolved Iron	ND(0.100)	NA	NA	NA	NA	NA	ND(0.0500)	NA	ND(0.0500)	NA	ND(0.100)
NA	Dissolved Organic Carbon	5.20	NA	NA	NA	NA	NA	4.00	NA	2.50	NA	2.20
NA	Ethane	ND(0.0050)	NA	NA	NA	NA	NA	ND(0.0040)	NA	ND(0.0040)	NA	ND(0.020)
NA	Ethene	ND(0.0050)	NA	NA	NA	NA	NA	0.0035	NA	ND(0.0030)	NA	ND(0.020)
NA	Methane	0.170	NA	NA	NA	NA	NA	0.140	NA	0.170	NA	0.140
NA	Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	0.00900 B	NA	0.0810	NA	ND(0.100)
NA	Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	ND(0.0500)	NA	0.00470 B	NA	ND(0.500)
NA	Sulfate (turbidimetric)	7.00	NA	NA	NA	NA	NA	10.0	NA	5.50 J	NA	9.70
NA	Total Nitrate/Nitrite Nitrogen	ND(0.100)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Location ID: / Sample ID: / Parameter / Date Collected:	115A UBG115A 12/12/96	115A UBG115A 05/05/97	115A UBG115A 10/08/97	115A UBG115A 04/21/98	115A UBG115A 12/23/98	115A 115A 04/30/99	115A 115A 10/22/99	115A 115A 05/08/00	115A 115A 11/17/00	115A 115A 05/10/06	115B UBG115B 12/06/96	115B UBG115B 05/05/97
Volatile Organics												
Benzene	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	0.10	ND(0.0050)	ND(0.010)	ND(0.010)
Chlorobenzene	ND(0.010)	ND(0.010)	ND(0.010)	0.012 J	ND(0.010)	ND(0.010)	0.0040 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.010)	ND(0.010)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.025)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0050)	0.014	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.050)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)	ND(0.010)	ND(0.010)
Total VOCs	ND(3.7)	ND(3.7)	ND(3.7)	0.012 J	0.0020 J	0.0020 J	0.0080 J	ND(0.20)	0.11	ND(0.20)	ND(3.7)	ND(3.7)
Semivolatile Organics												
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters												
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	150	NA	NA
Alkalinity to pH 4.5	NA	148	NA	NA	157	NA	NA	NA	NA	NA	284	199
Alkalinity to pH 8.3	NA	ND(1.00)	NA	NA	ND(1.00)	NA	NA	NA	NA	NA	ND(1.00)	ND(1.00)
Ammonia Nitrogen	NA	0.0600	NA	NA	ND(0.200)	NA	NA	NA	NA	NA	ND(0.00500)	2.20
Chloride	NA	ND(1.0)	NA	NA	ND(1.0)	NA	NA	NA	NA	2.0	3.1	16
Dissolved Iron	NA	NA	NA	NA	0.250	NA	NA	NA	NA	ND(0.100)	NA	NA
Dissolved Organic Carbon	NA	1.60	NA	NA	ND(1.00)	NA	NA	NA	NA	0.610 B	2.00	10.1
Ethane	NA	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.020)	ND(0.0050)	0.0070
Ethene	NA	ND(0.0050)	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.020)	ND(0.0050)	ND(0.0050)
Methane	NA	0.0130	NA	NA	ND(0.00500)	NA	NA	NA	NA	ND(0.00720)	0.00800	0.0110
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.500)	NA	NA
Sulfate (turbidimetric)	NA	5.40	NA	NA	2.30	NA	NA	NA	NA	ND(5.00)	16.8	0.190
Total Nitrate/Nitrite Nitrogen	NA	NA	NA	NA	ND(0.100)	NA	NA	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Location ID: / Sample ID: / Date Collected:	115B UBG115B 10/08/97	115B UBG115B 04/21/98	115B UBG115B 12/23/98	115B 115B 04/30/99	115B 115B 10/22/99	115B 115B 05/08/00	115B 115B 11/20/00	115B 115B 05/10/06
Volatile Organics								
Benzene	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) [ND(0.010)]	0.0060 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050) [ND(0.0050)]	ND(0.0050) [ND(0.0050)]	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.010) [ND(0.010)]	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0020)
Total VOCs	ND(3.7) [ND(3.7)]	0.0050 J [0.0050 J]	0.0030 J	0.0030 J [0.0020 J]	0.010 J	ND(0.20)	ND(0.20)	ND(0.20)
Semivolatile Organics								
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA	NA	NA	NA
Natural Attenuation Parameters								
Alkalinity (Total)	NA	NA	NA	NA	NA	NA	NA	240
Alkalinity to pH 4.5	NA	NA	203	NA	NA	NA	NA	NA
Alkalinity to pH 8.3	NA	NA	ND(1.00)	NA	NA	NA	NA	NA
Ammonia Nitrogen	NA	NA	ND(0.200)	NA	NA	NA	NA	NA
Chloride	NA	NA	8.4	NA	NA	NA	NA	8.6
Dissolved Iron	NA	NA	ND(0.100)	NA	NA	NA	NA	ND(0.100)
Dissolved Organic Carbon	NA	NA	1.10	NA	NA	NA	NA	1.40
Ethane	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.020)
Ethene	NA	NA	ND(0.0050)	NA	NA	NA	NA	ND(0.020)
Methane	NA	NA	0.0130	NA	NA	NA	NA	ND(0.00720)
Nitrate Nitrogen	NA	NA	NA	NA	NA	NA	NA	0.360
Nitrite Nitrogen	NA	NA	NA	NA	NA	NA	NA	ND(0.500)
Sulfate (turbidimetric)	NA	NA	11.0	NA	NA	NA	NA	13.0
Total Nitrate/Nitrite Nitrogen	NA	NA	0.170	NA	NA	NA	NA	NA

TABLE E-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS - NATURAL ATTENUATION PARAMETER

GROUNDWATER QUALITY AND NAPL MONITORING INTERIM REPORT FOR SPRING 2006
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Notes:

1. Sample collection and analysis performed by General Electric Company (GE) subcontractors.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed - Results were not reported for this analyte.

Data Qualifiers:

Organics

- B - Analyte was also detected in the associated method blank.
- D - Compound quantitated using a secondary dilution.
- E - Analyte exceeded calibration range.
- J - Estimated Value.
- R - Rejected.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
- J - Estimated Value.
- N - Indicates sample matrix spike analysis was outside control limits.

Historical Groundwater Data

Total VOC Concentrations – Wells Sampled in Spring 2006

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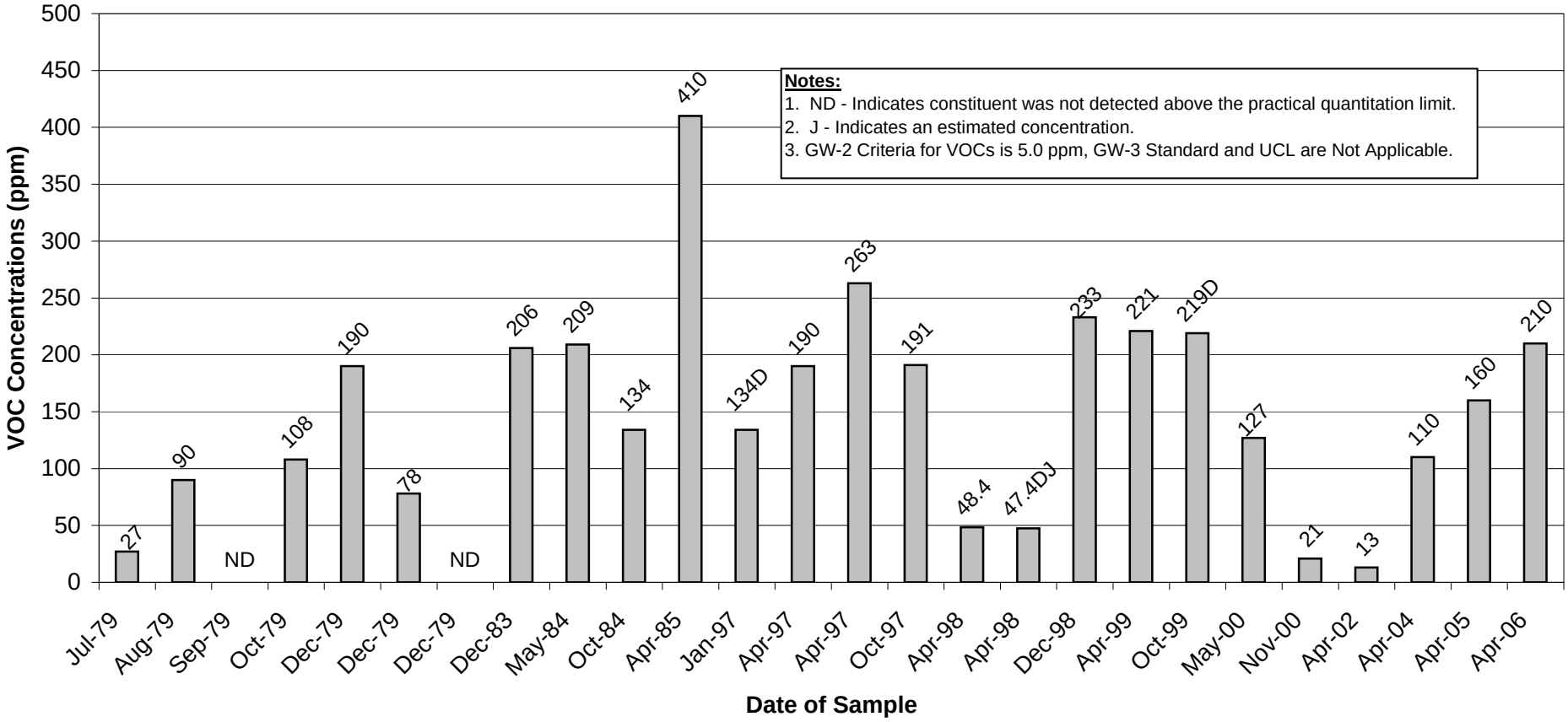
Appendix E

Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 2A Historical Total VOC Concentrations



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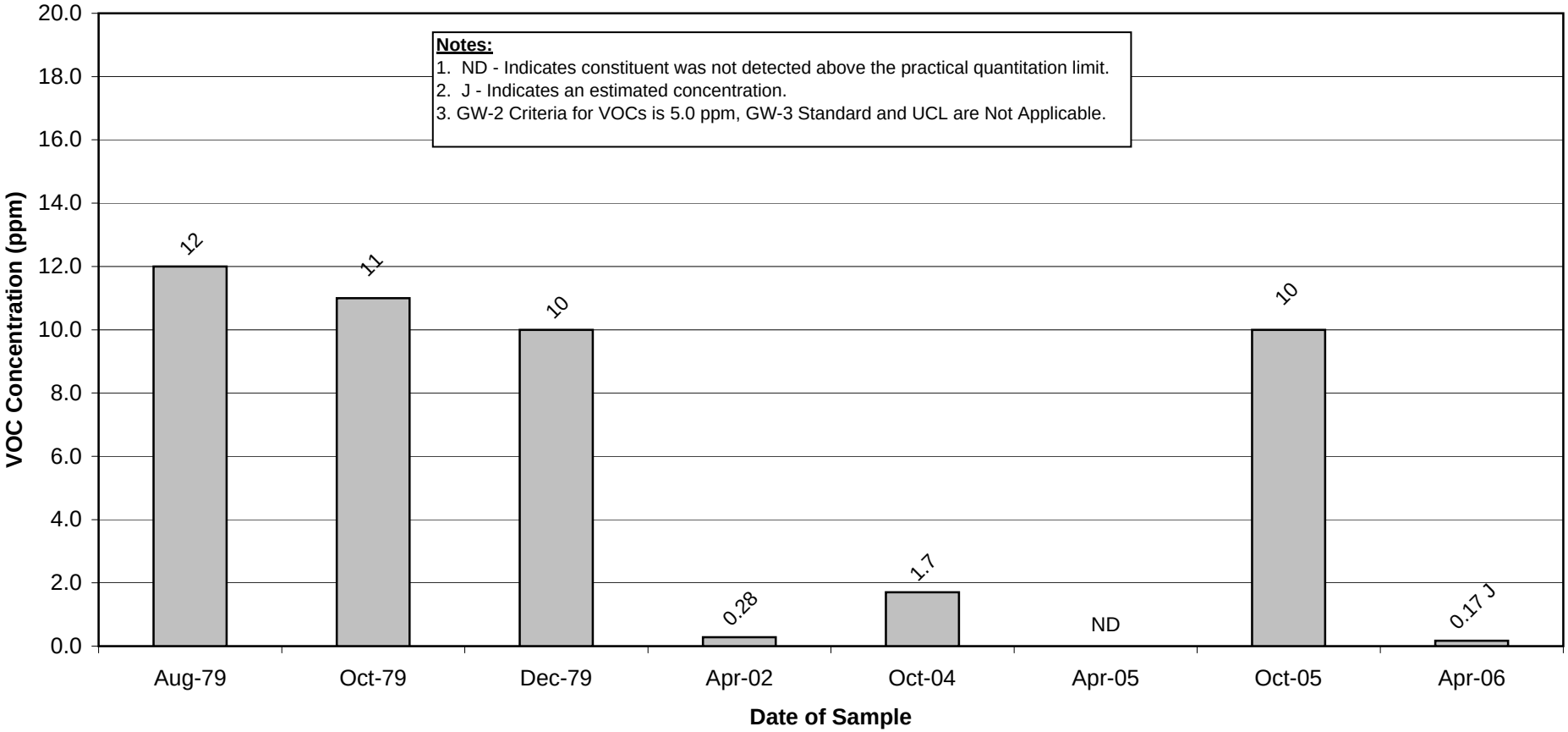
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 6B/6B-R Historical Total VOC Concentrations



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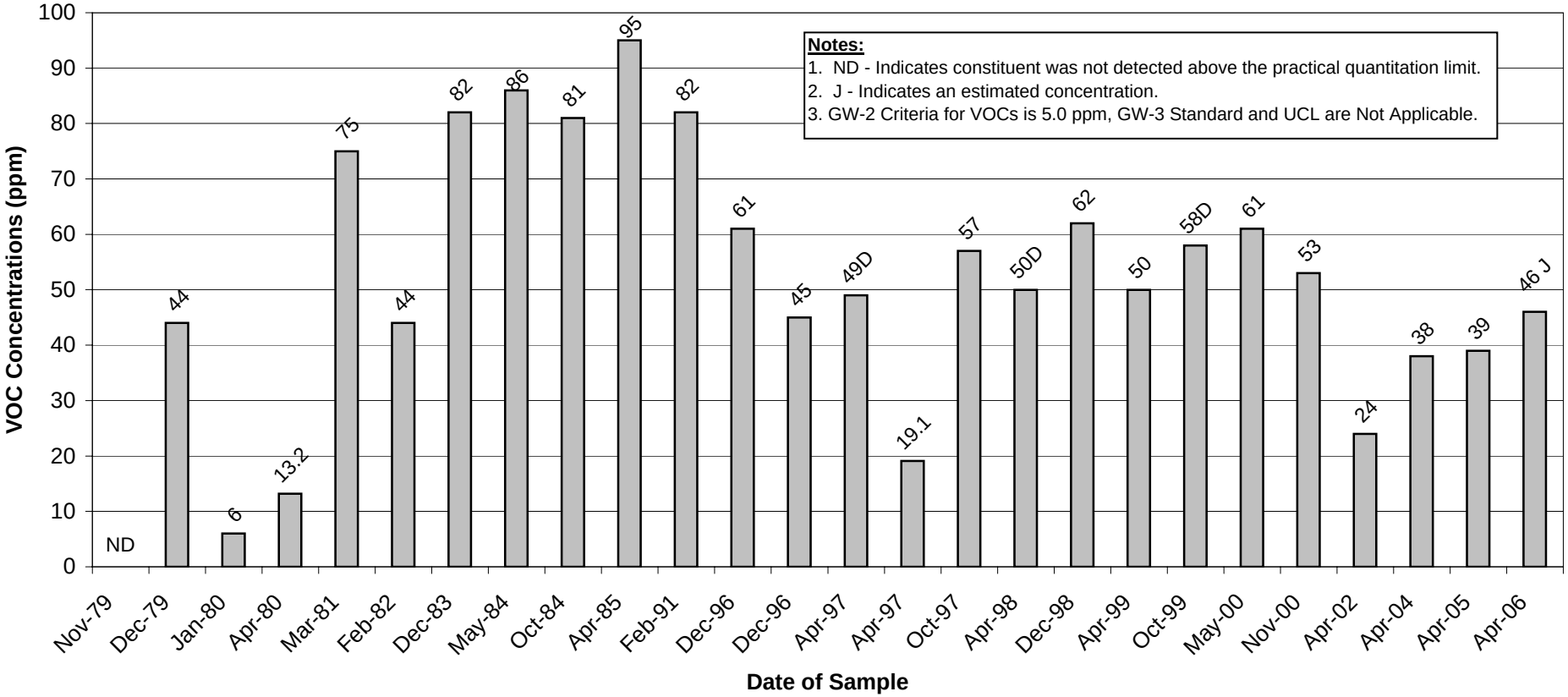
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 16A Historical Total VOC Concentrations



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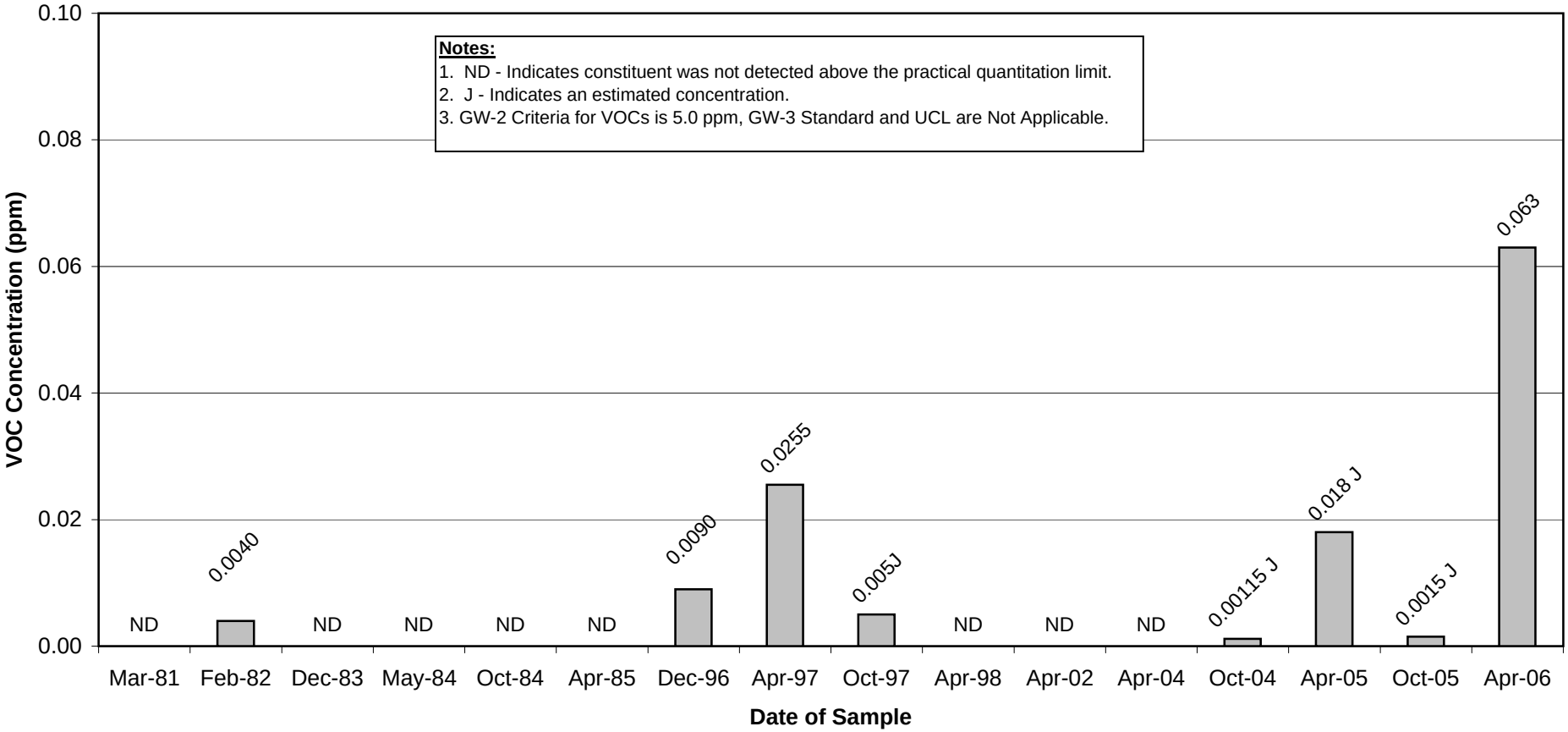
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 16B/16B-R Historical Total VOC Concentrations



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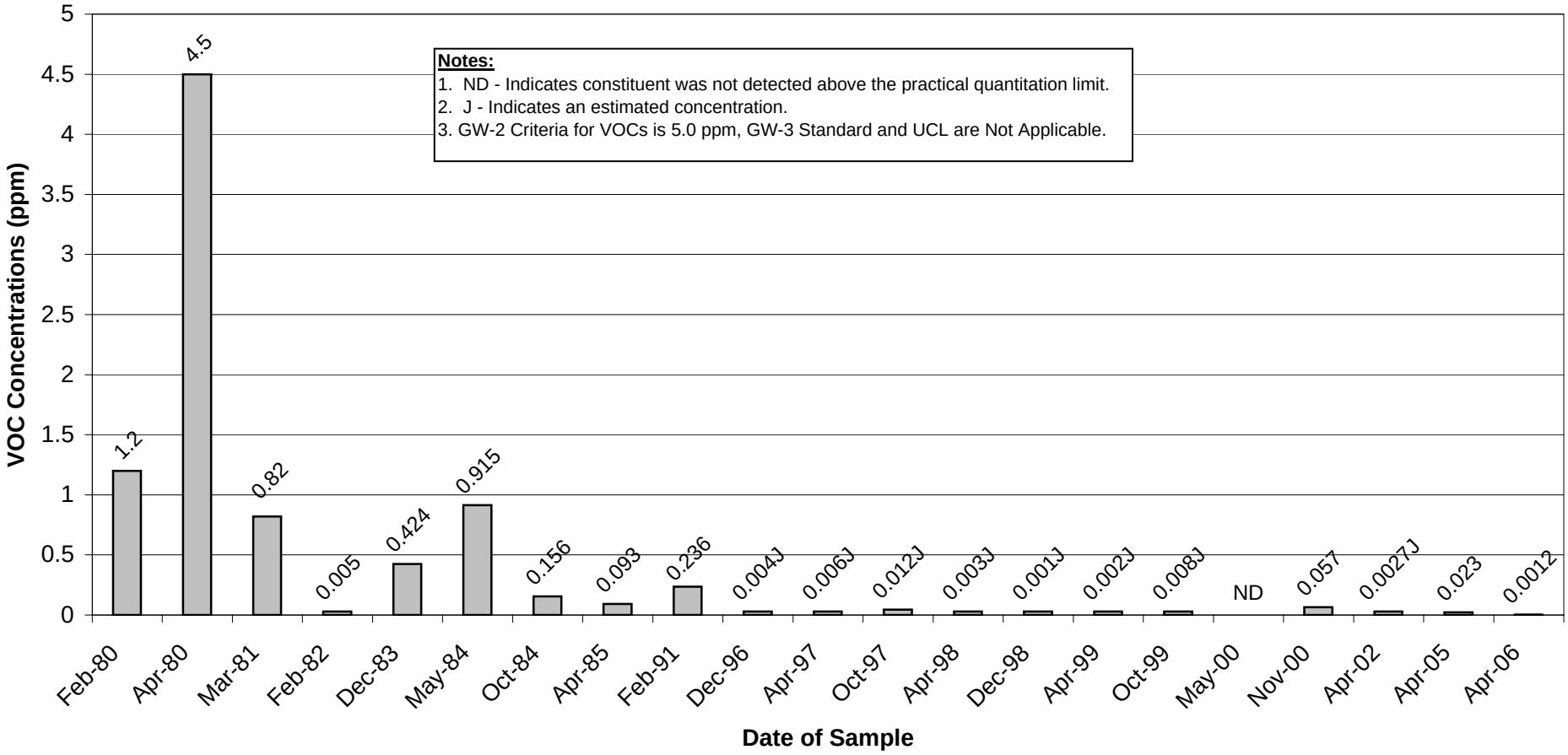
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 16C/16C-R Historical Total VOC Concentrations



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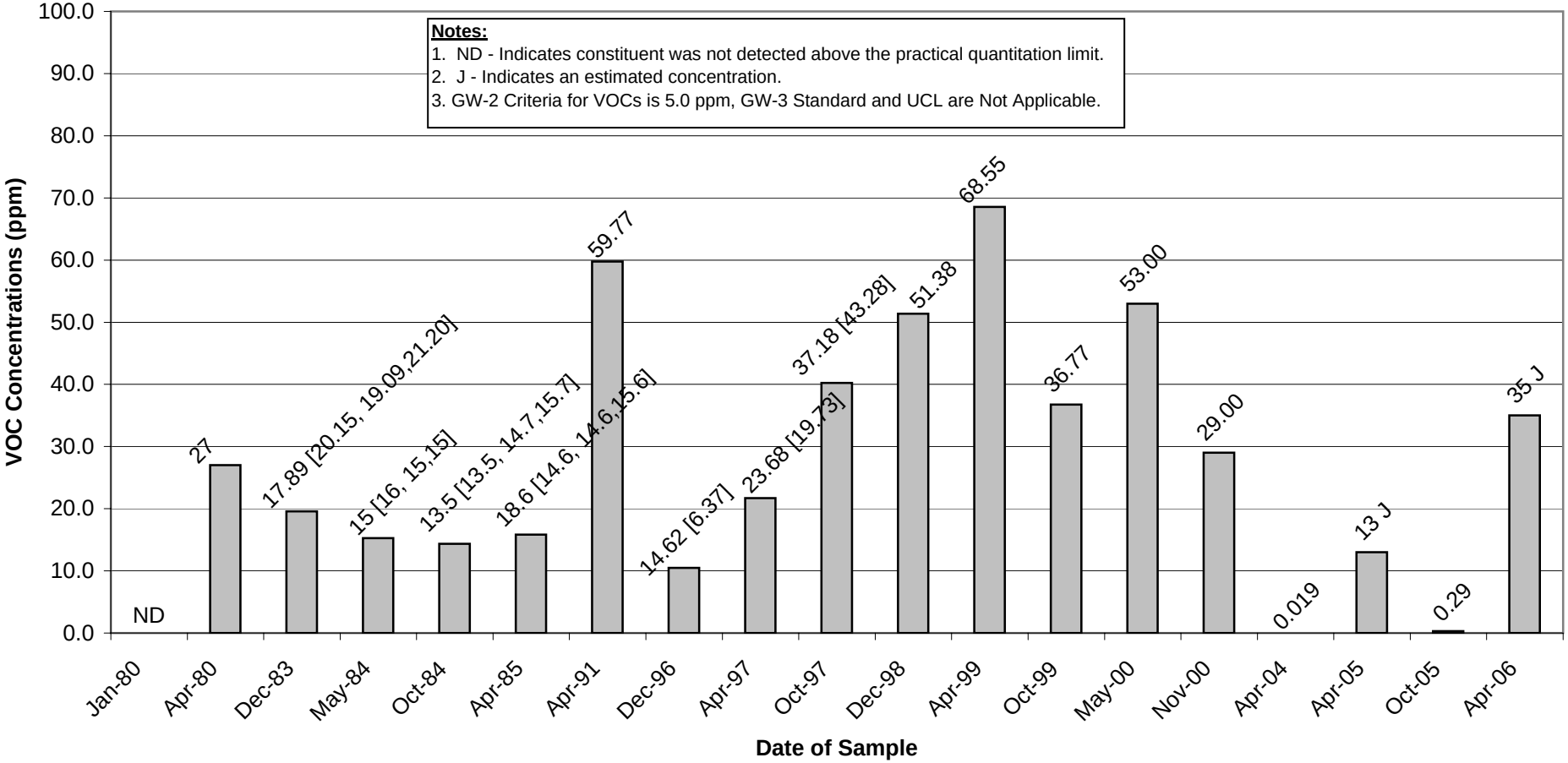
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 39B/39B-R Historical Total VOC Concentrations



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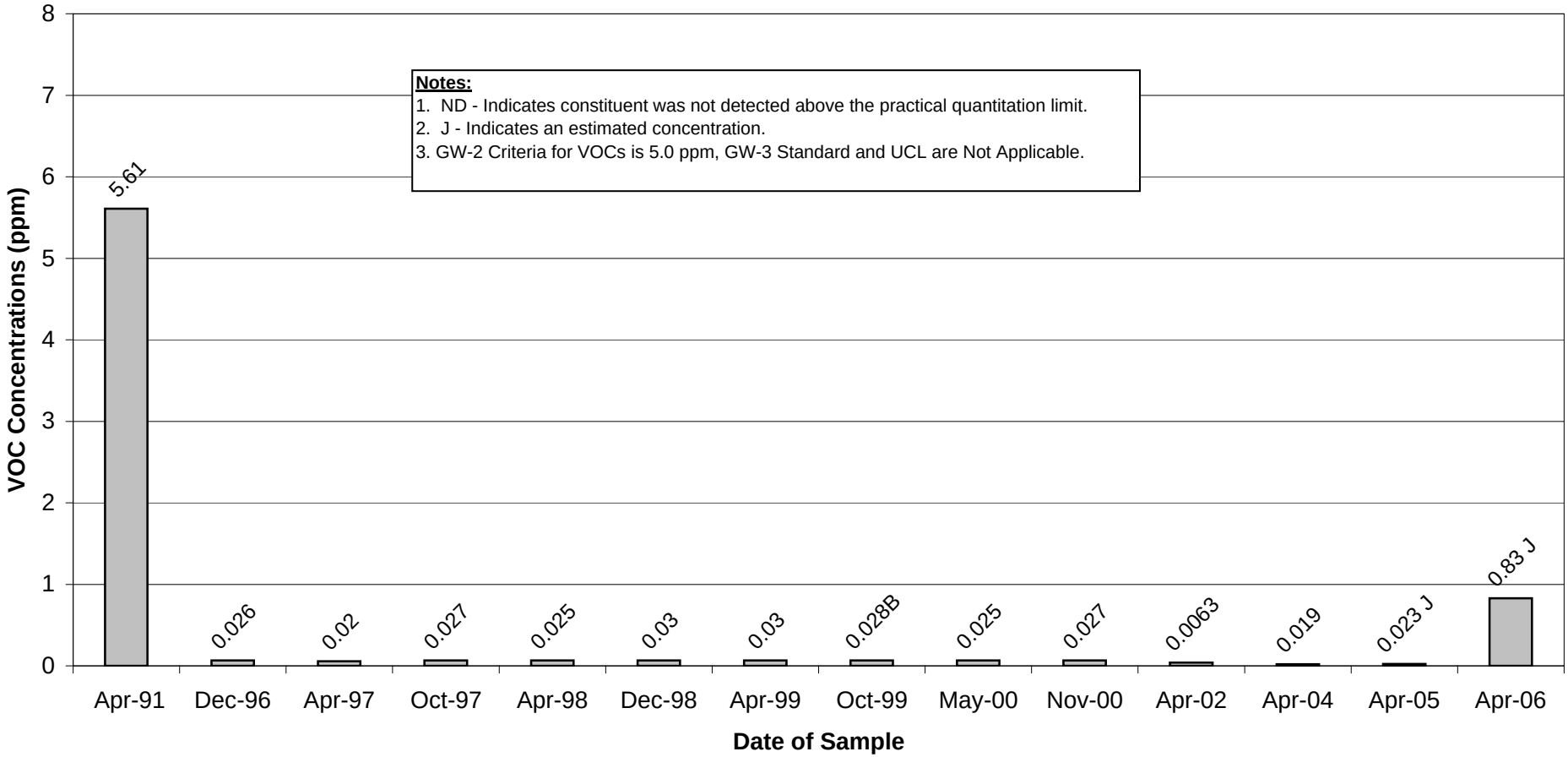
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 39D/39D-R Historical Total VOC Concentrations



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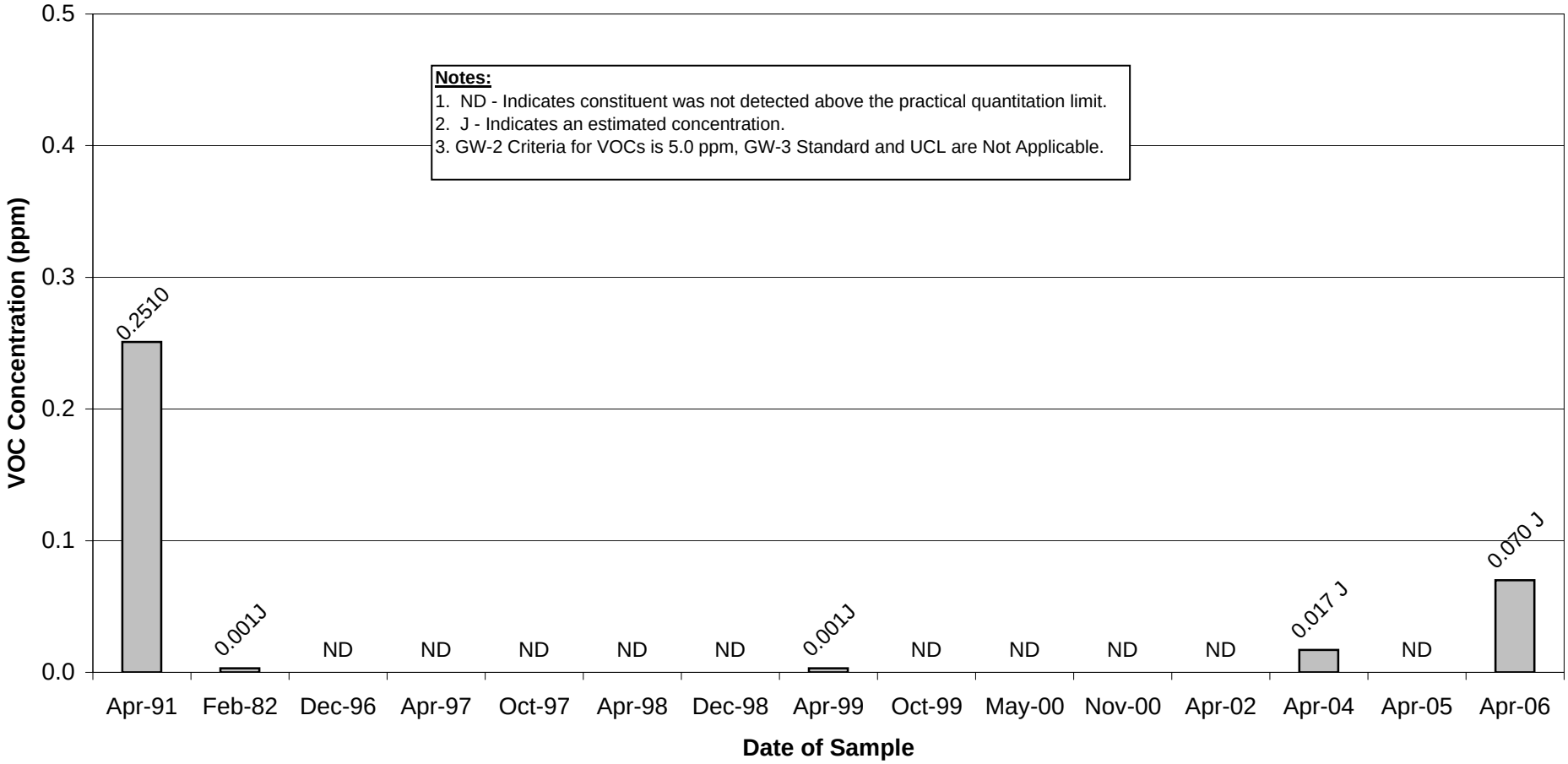
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 39E Historical Total VOC Concentrations



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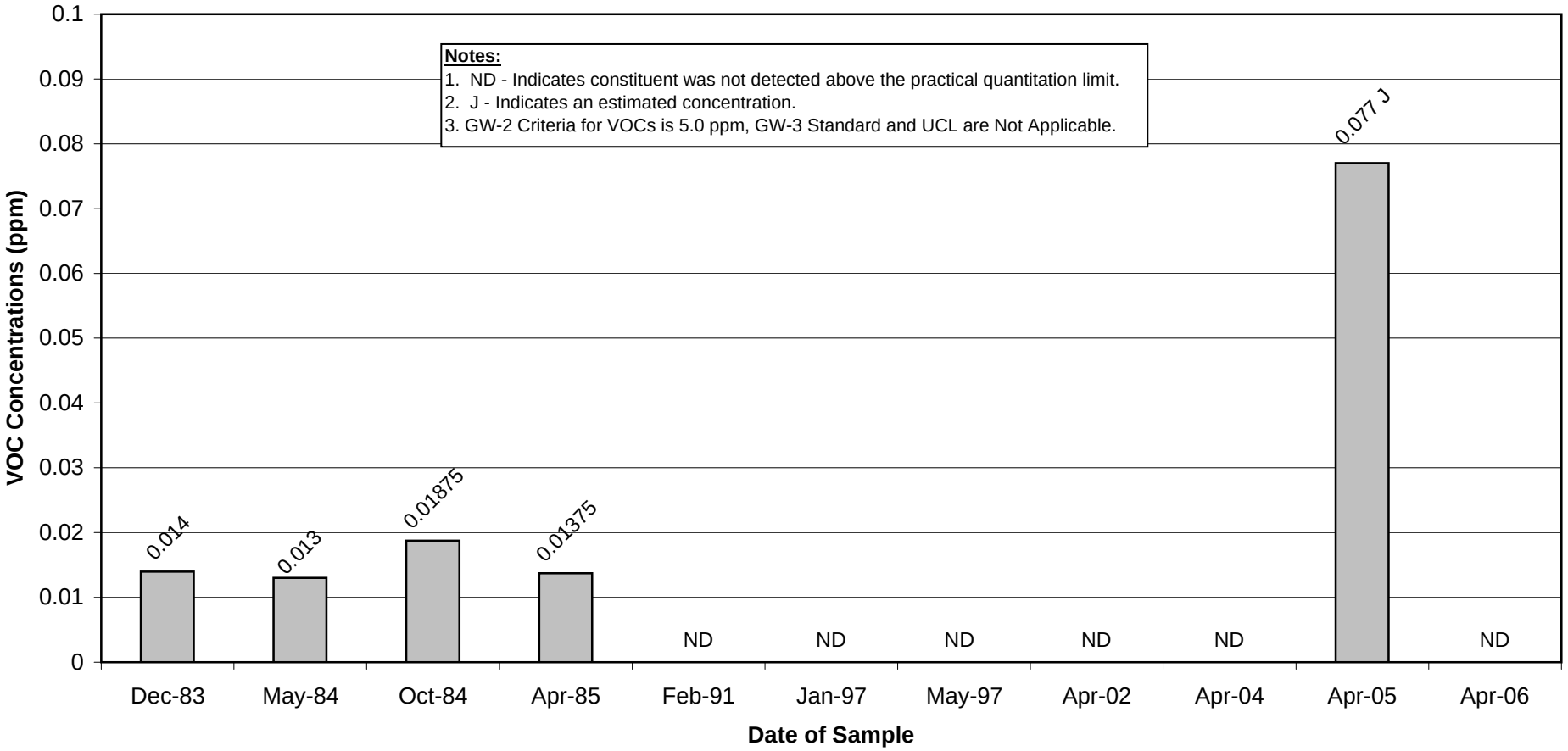
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

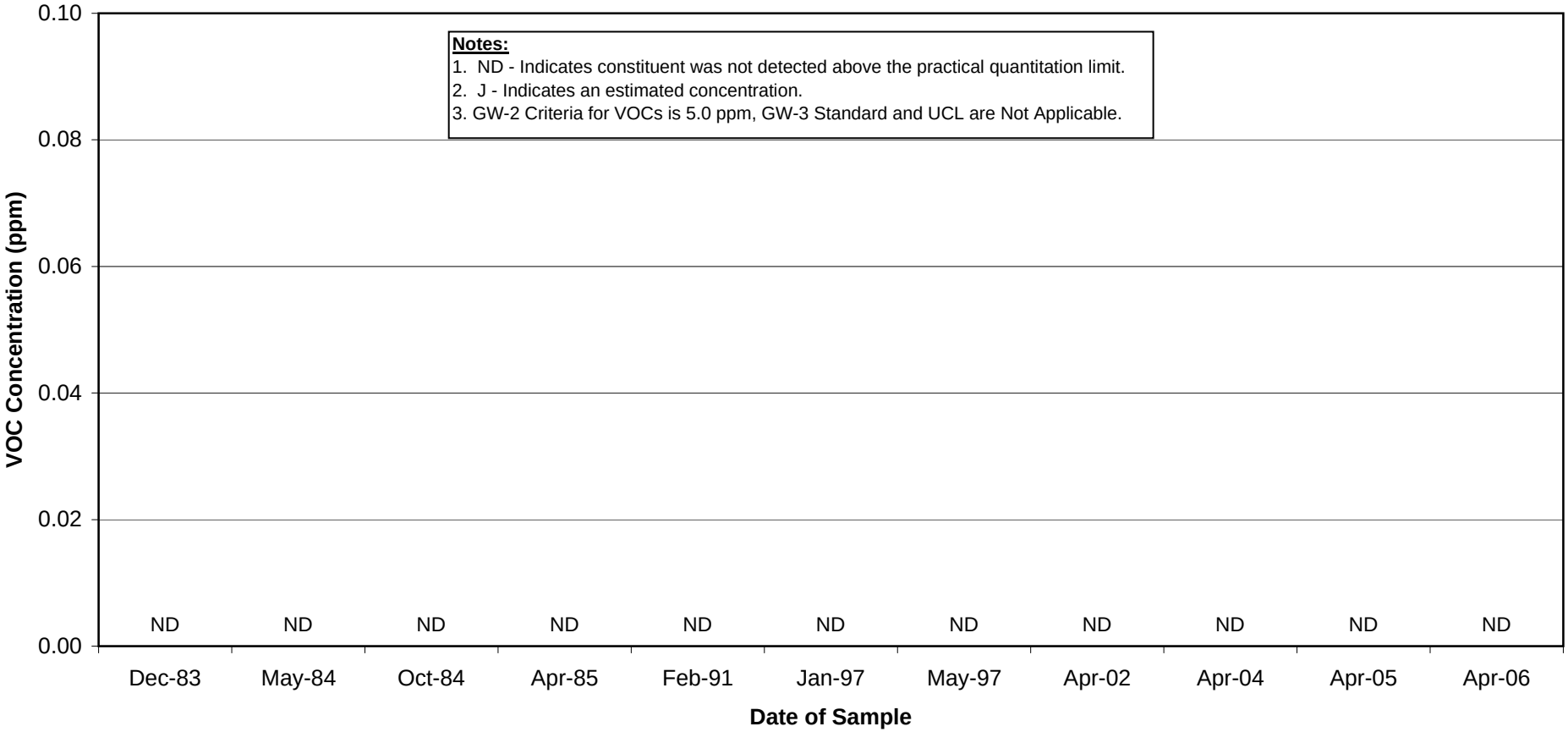
Well 43A Historical Total VOC Concentrations



Appendix E

Groundwater Management Area 3
General Electric - Pittsfield, Massachusetts

Well 43B Historical Total VOC Concentrations



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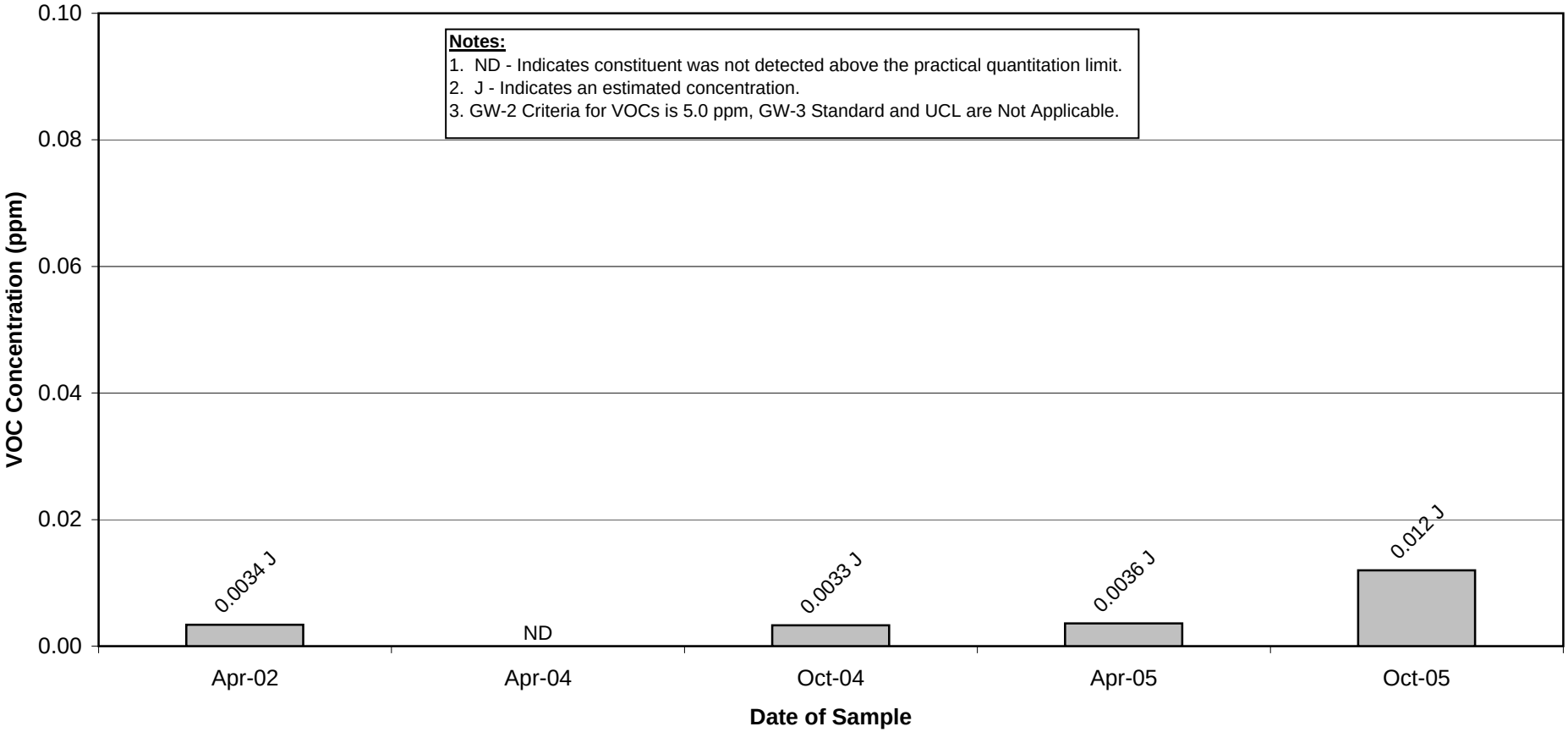
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 51-14 Historical Total VOC Concentrations



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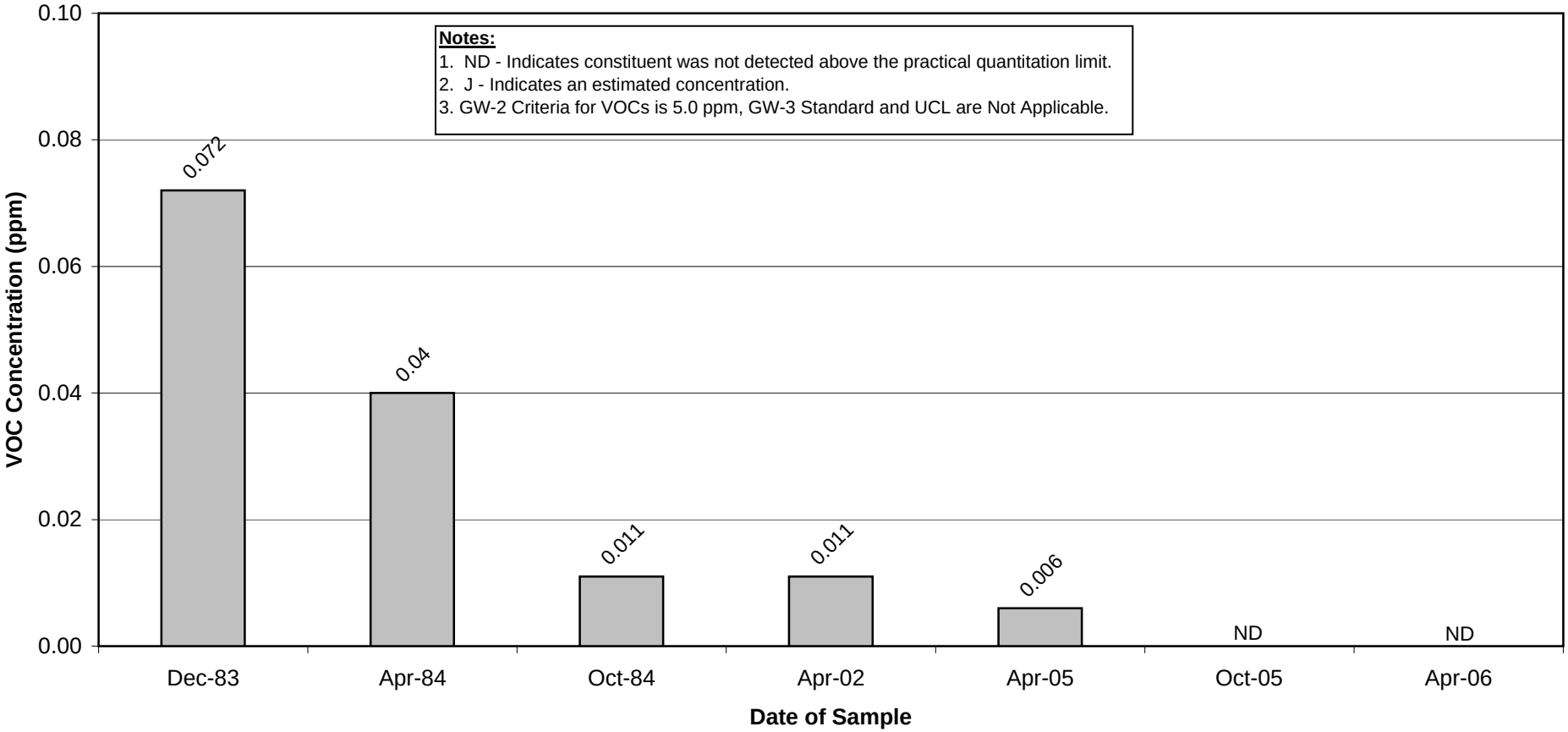
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 54B/54B-R Historical Total VOC Concentrations



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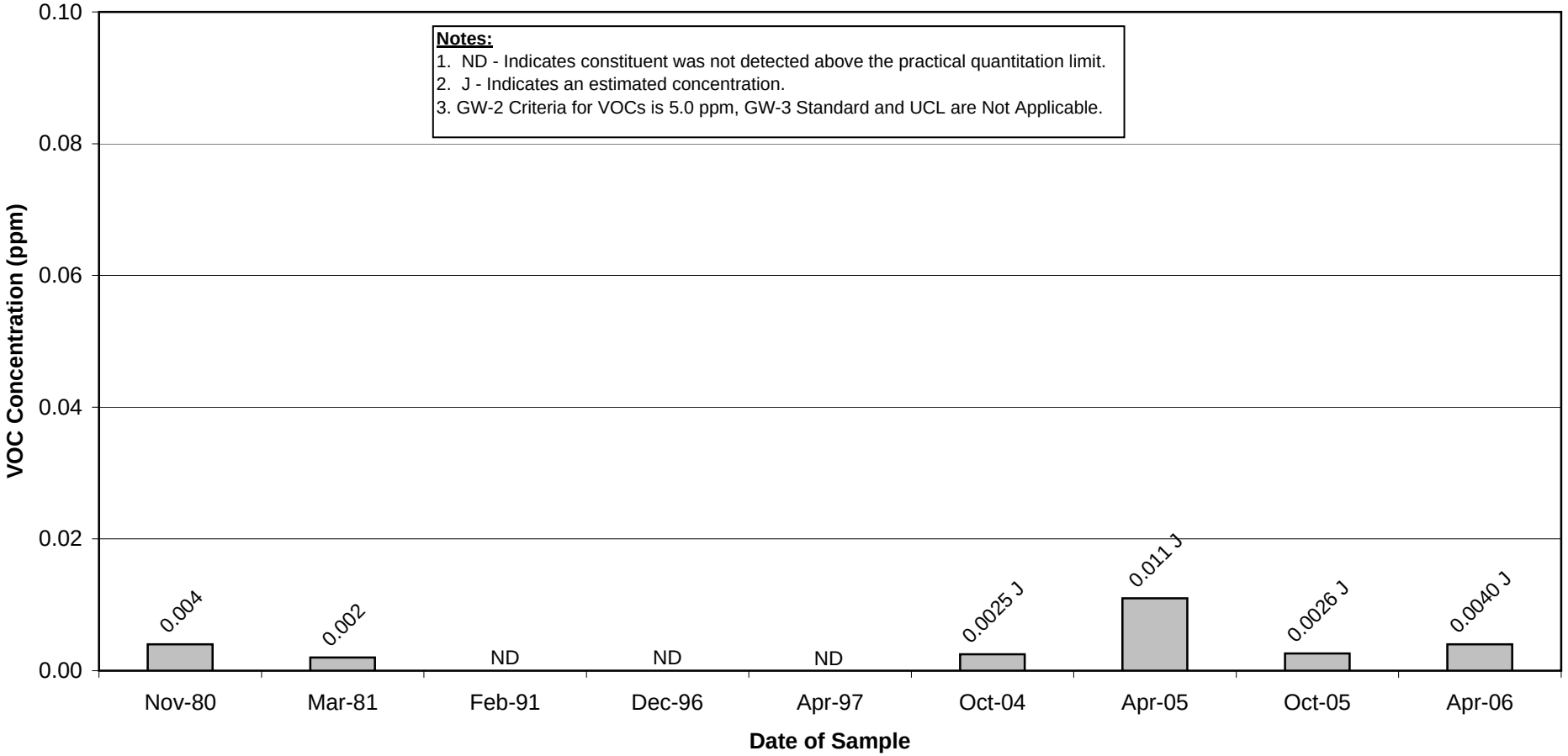
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 82B/82B-R Historical Total VOC Concentrations



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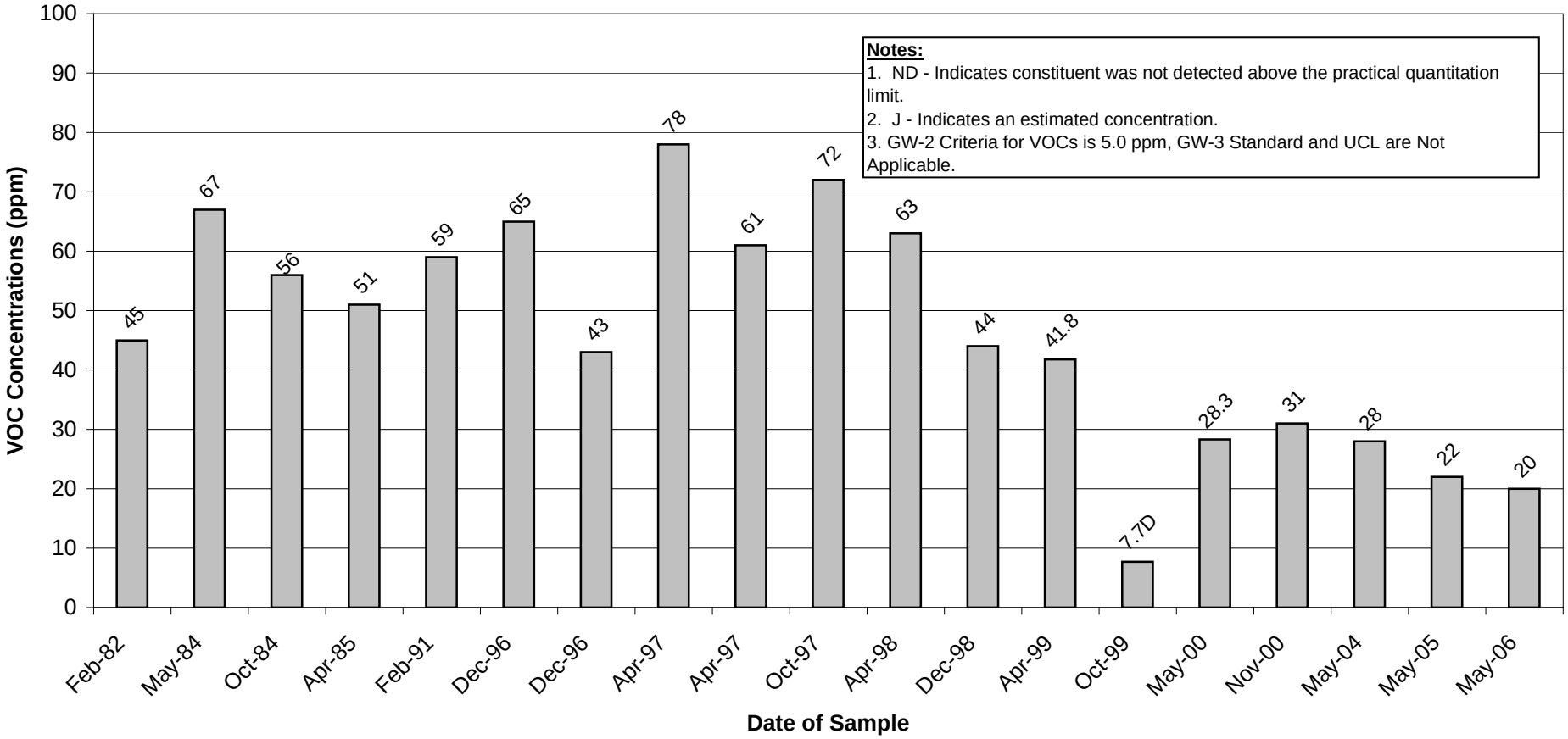
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 89A Historical Total VOC Concentrations



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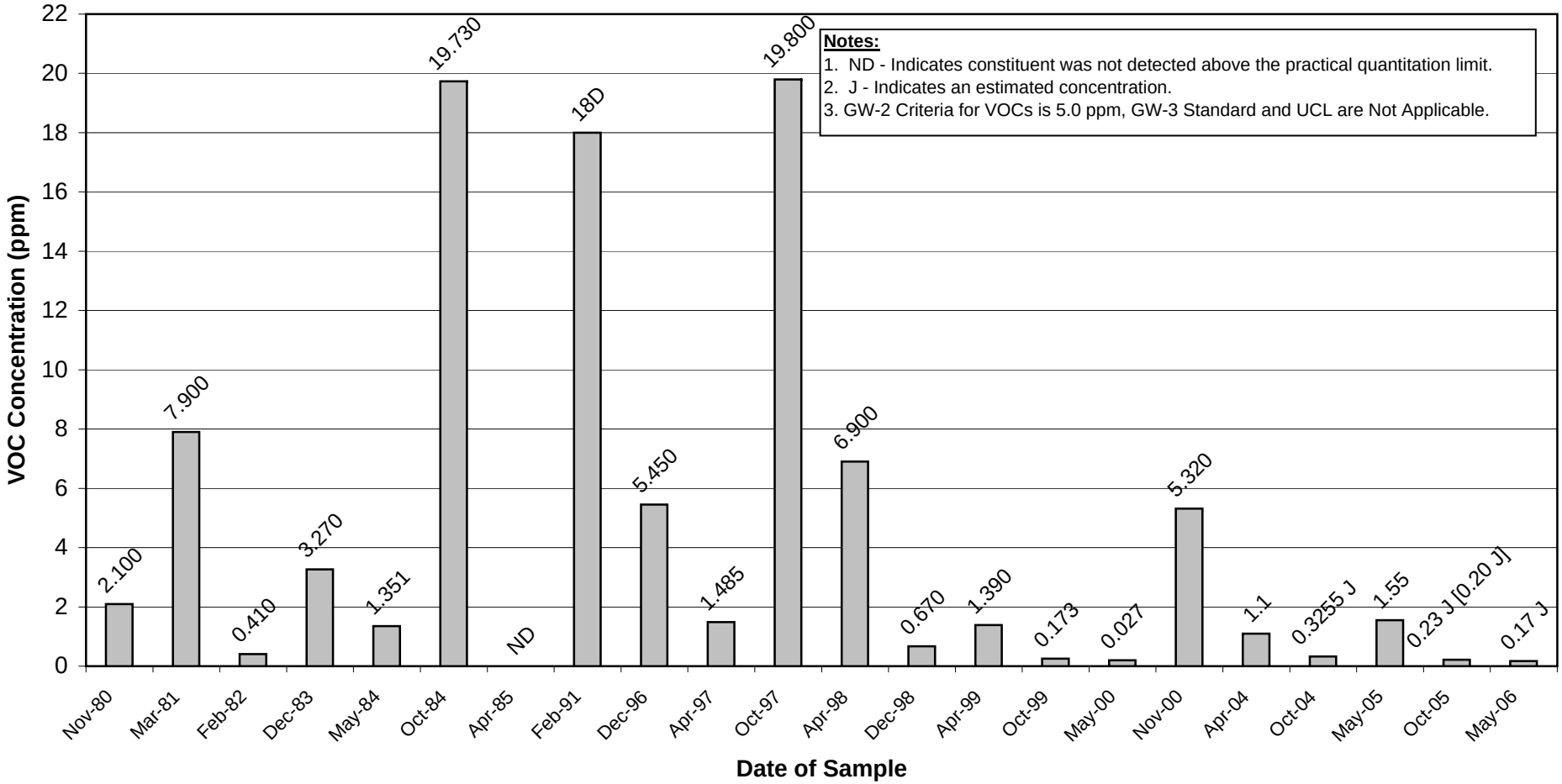
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 89B Historical Total VOC Concentrations



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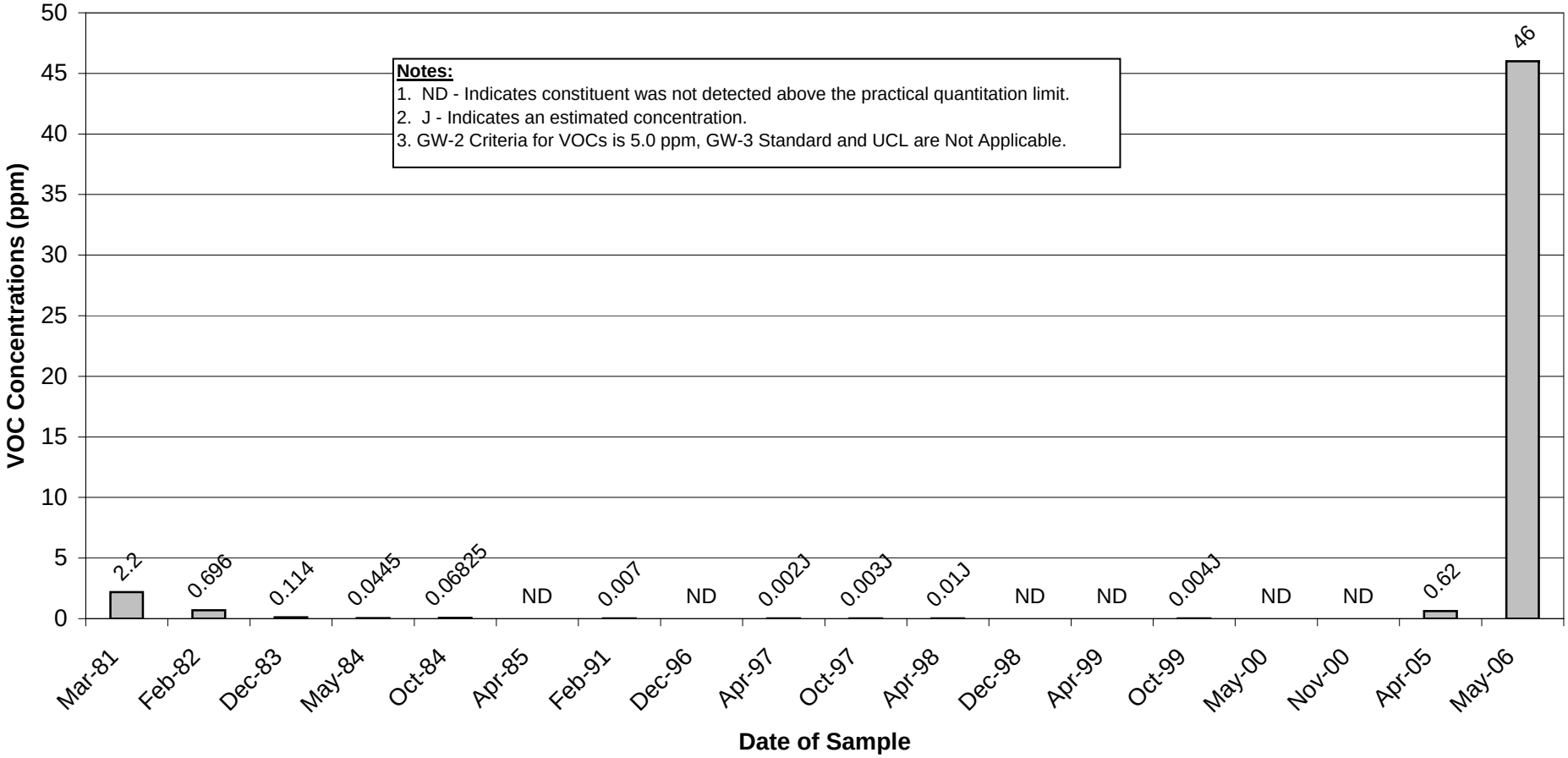
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 89D/89D-R Historical Total VOC Concentrations



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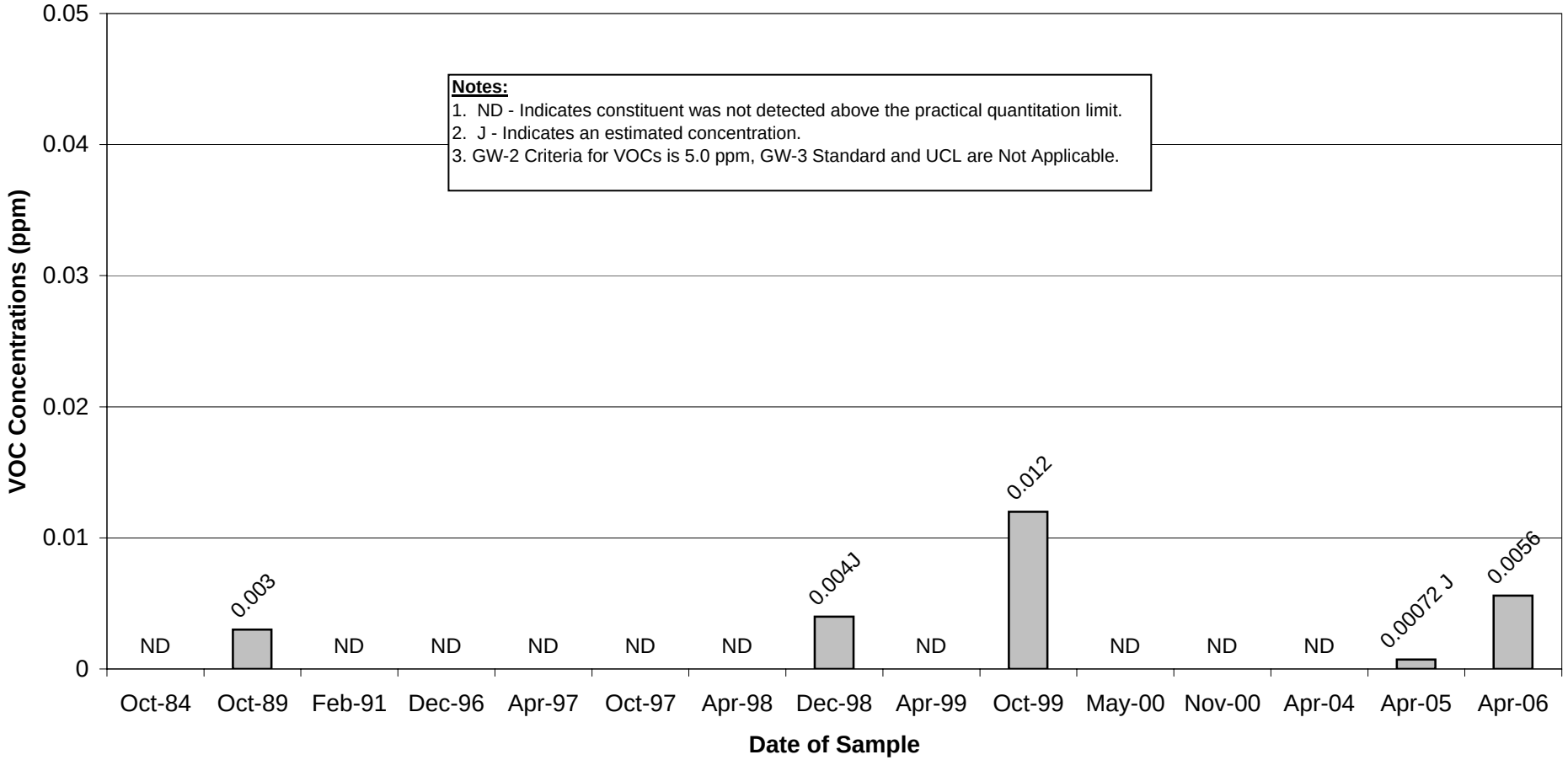
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 90A Historical Total VOC Concentrations



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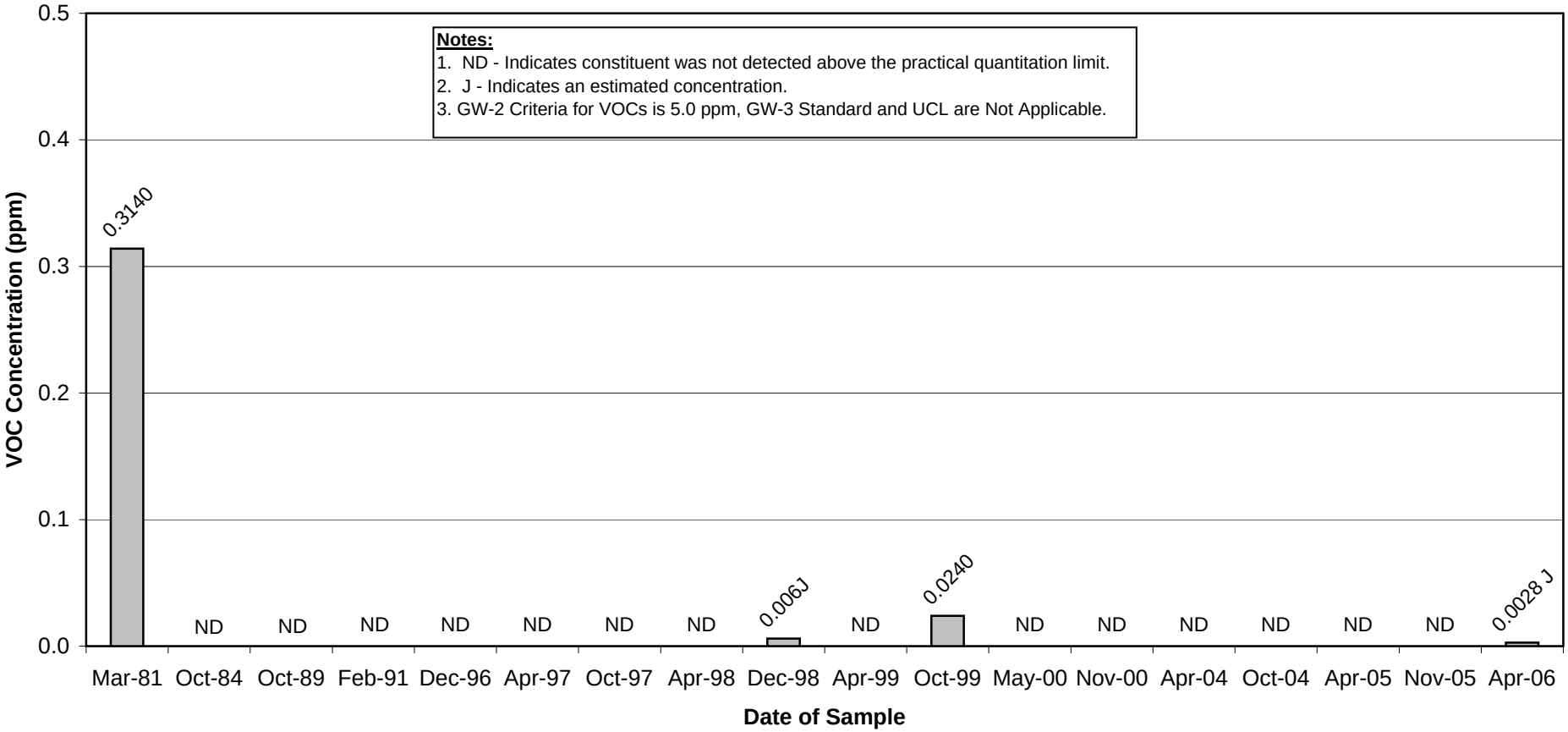
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 90B Historical Total VOC Concentrations



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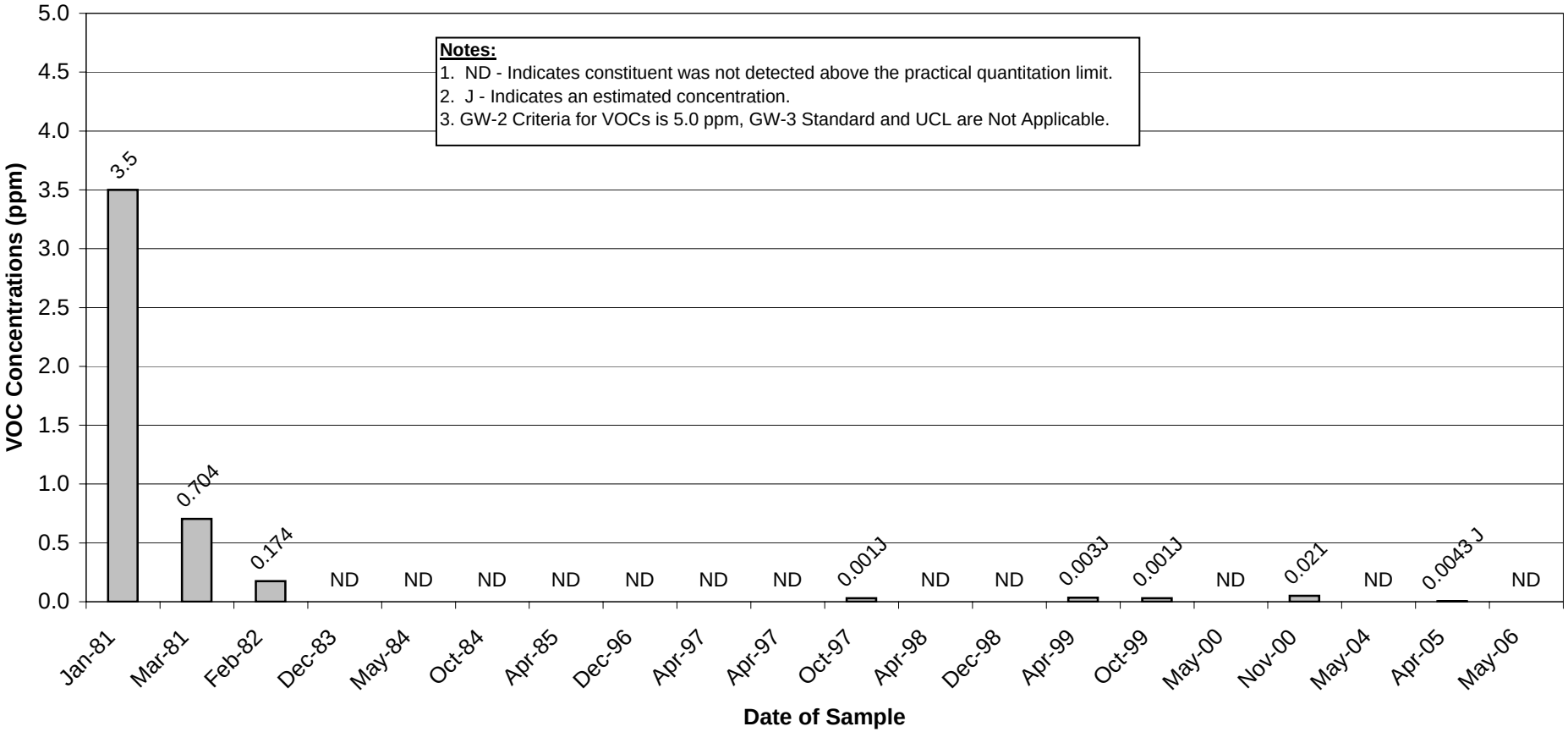
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 95A Historical Total VOC Concentrations



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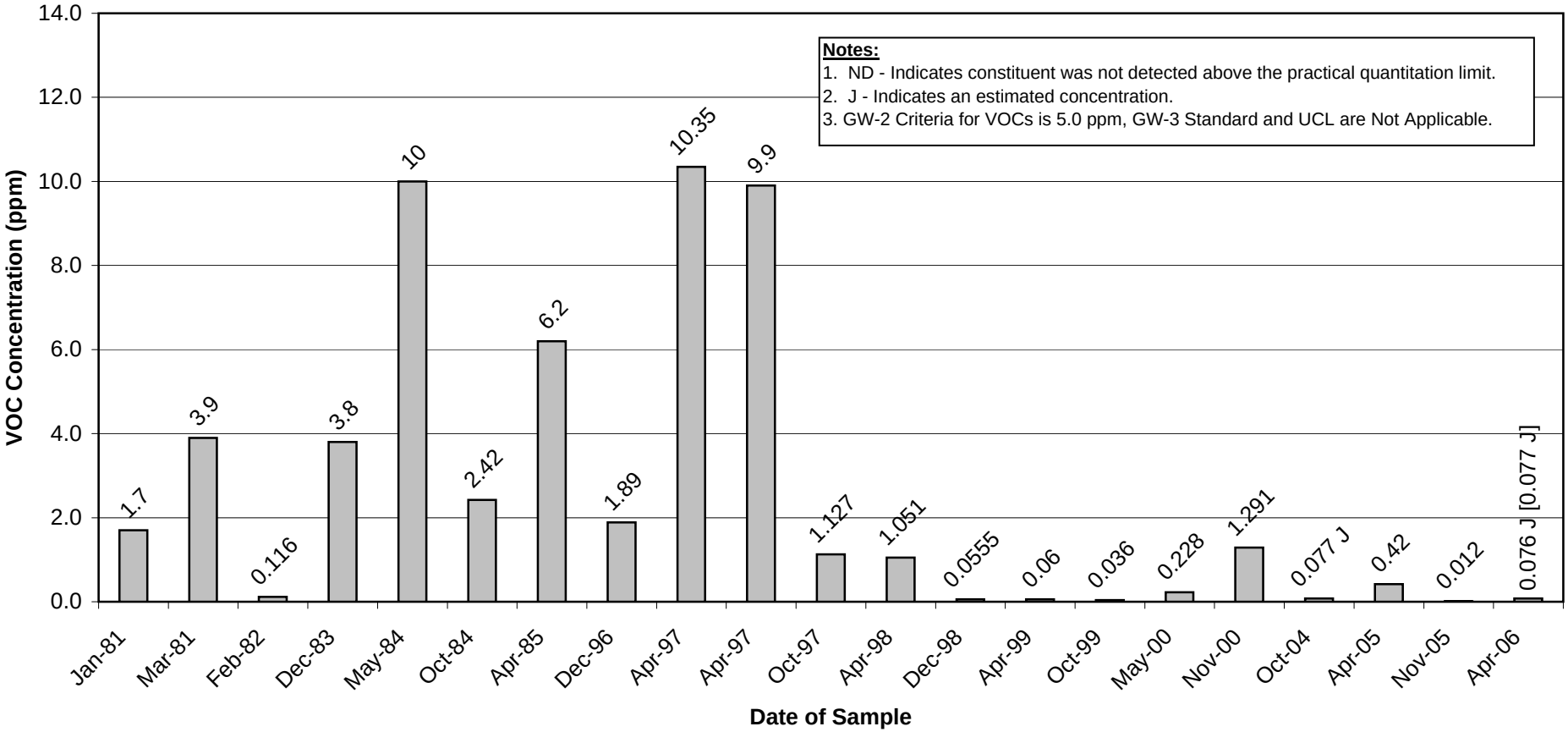
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 95B/95B-R Historical Total VOC Concentrations



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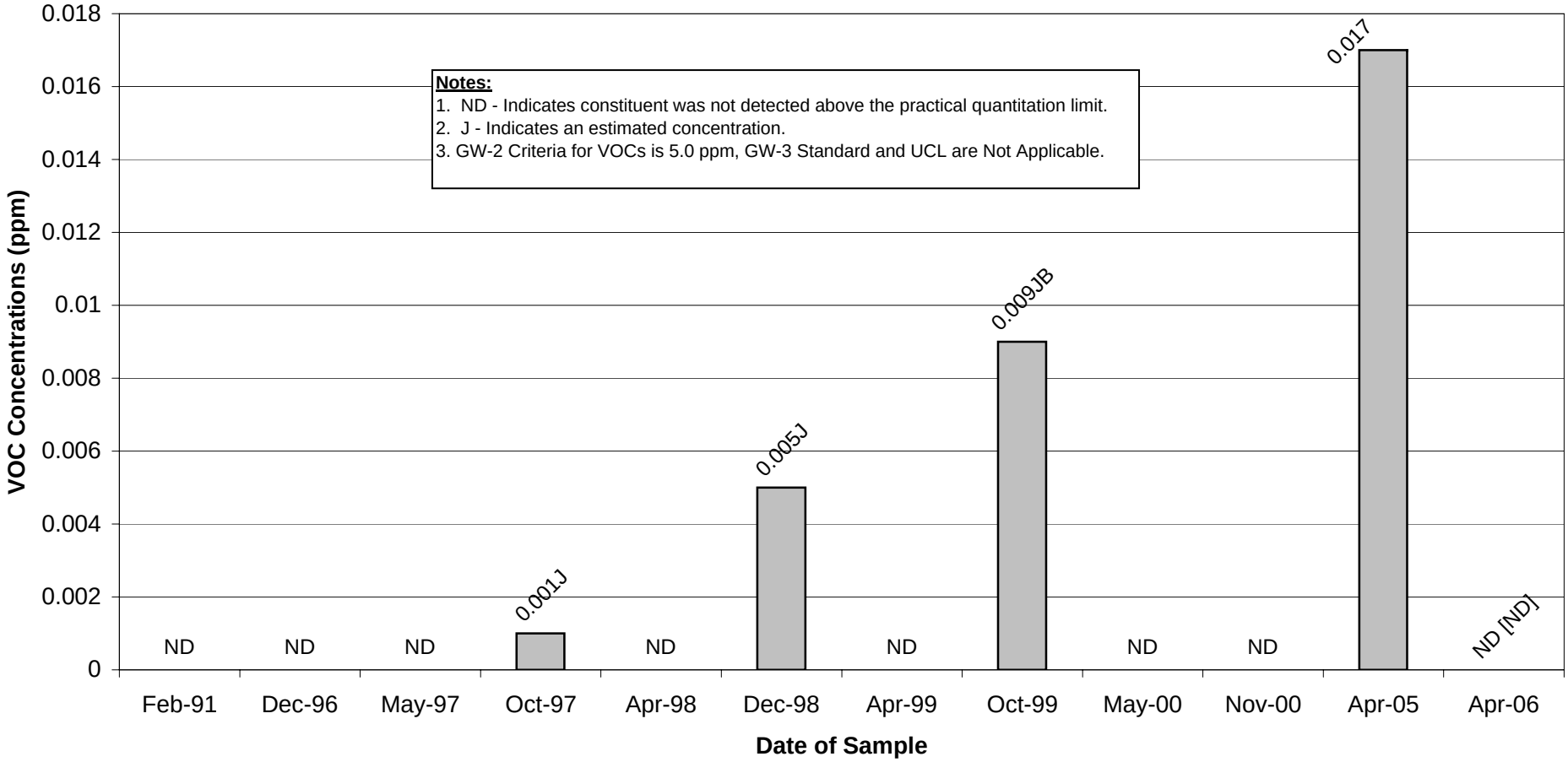
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 111A/111A-R Historical Total VOC Concentrations



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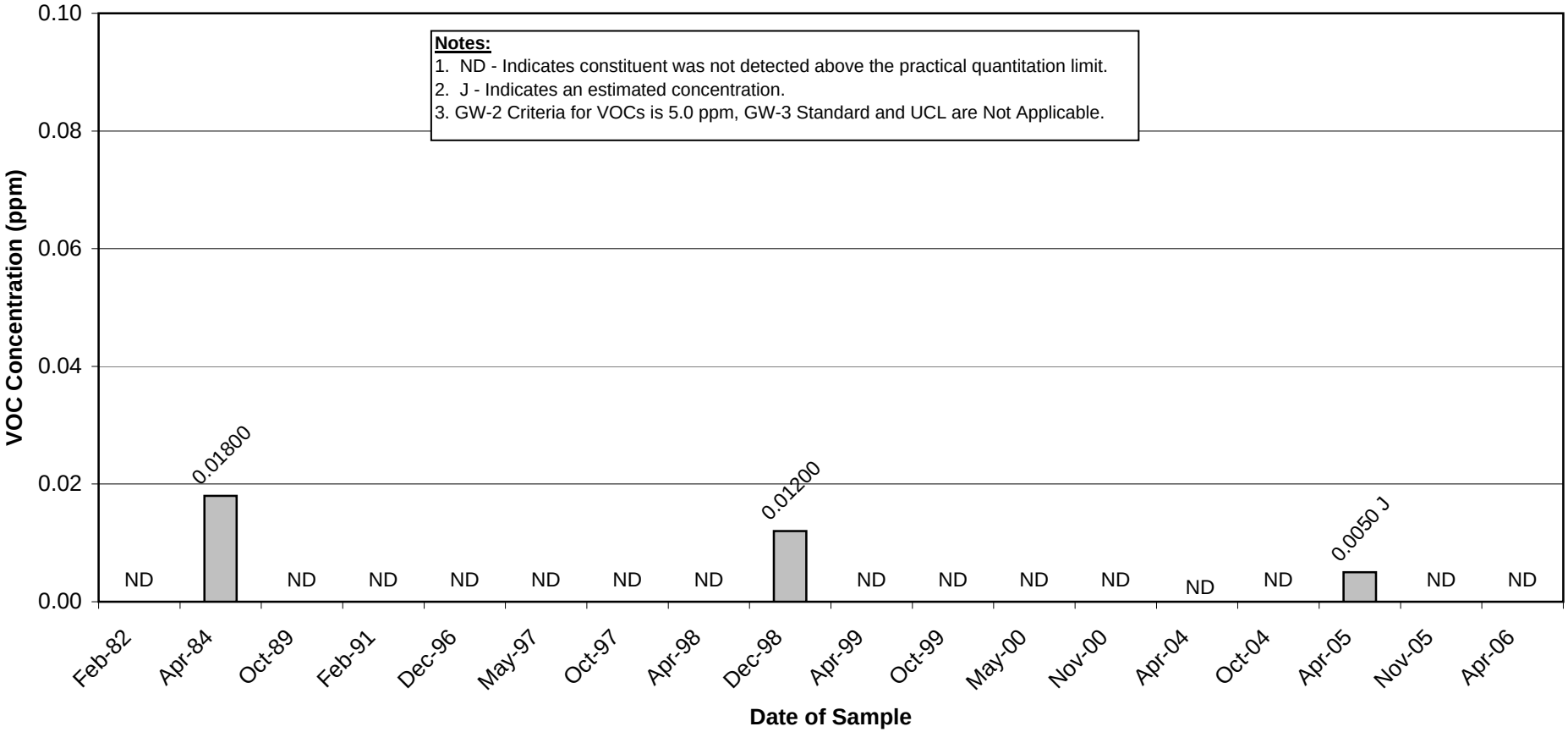
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

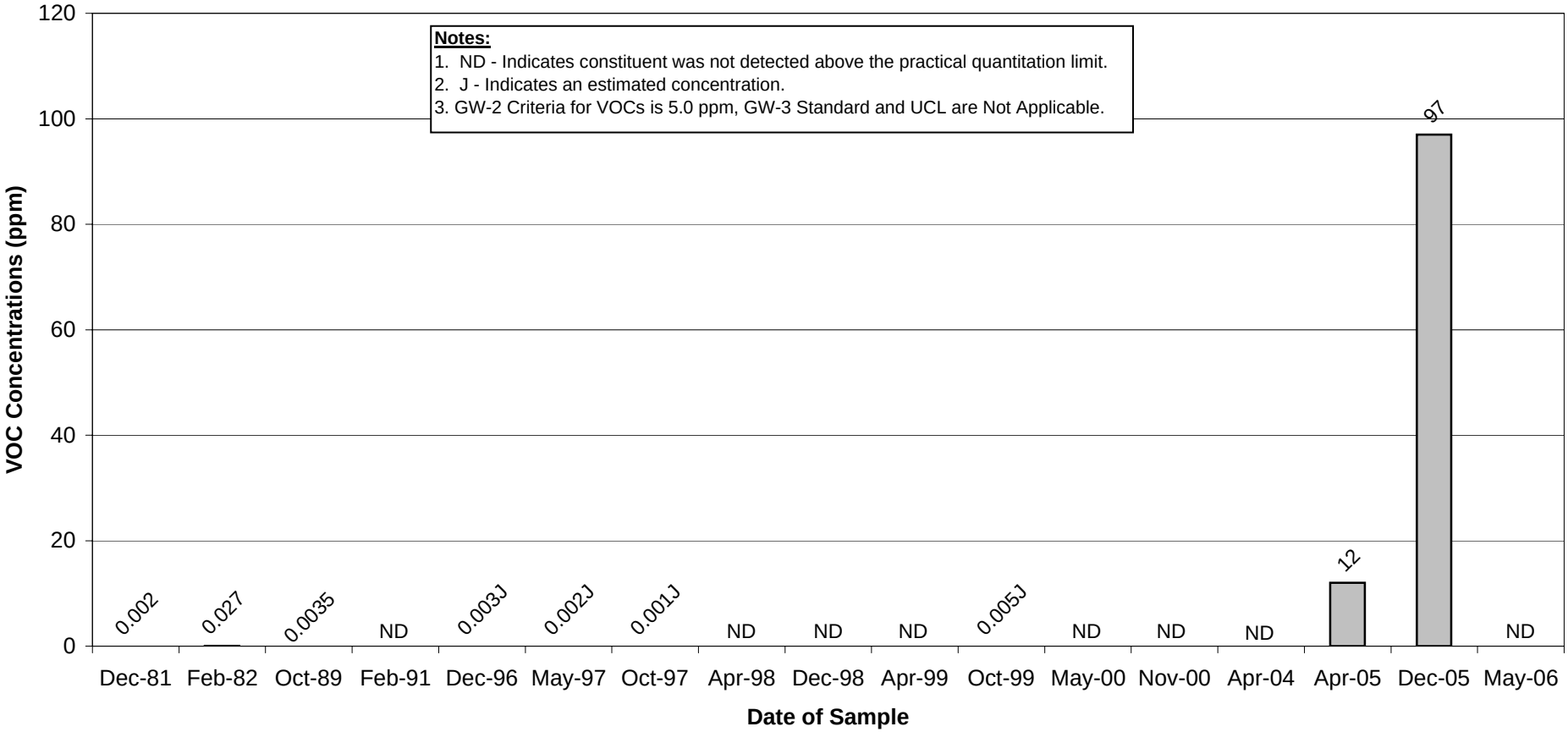
Well 111B/111B-R Historical Total VOC Concentrations



Appendix E

Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

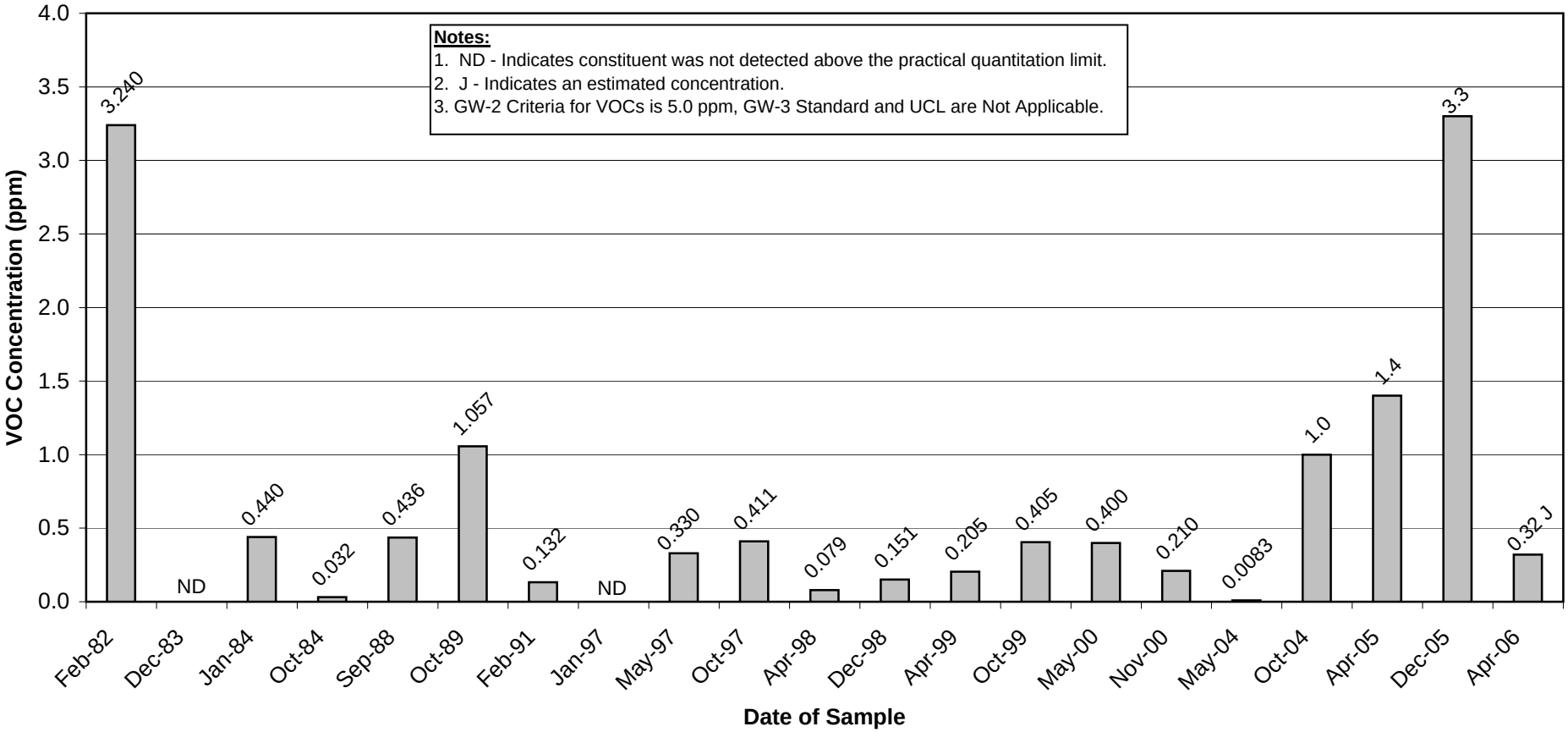
Well 114A Historical Total VOC Concentrations



Appendix E

Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

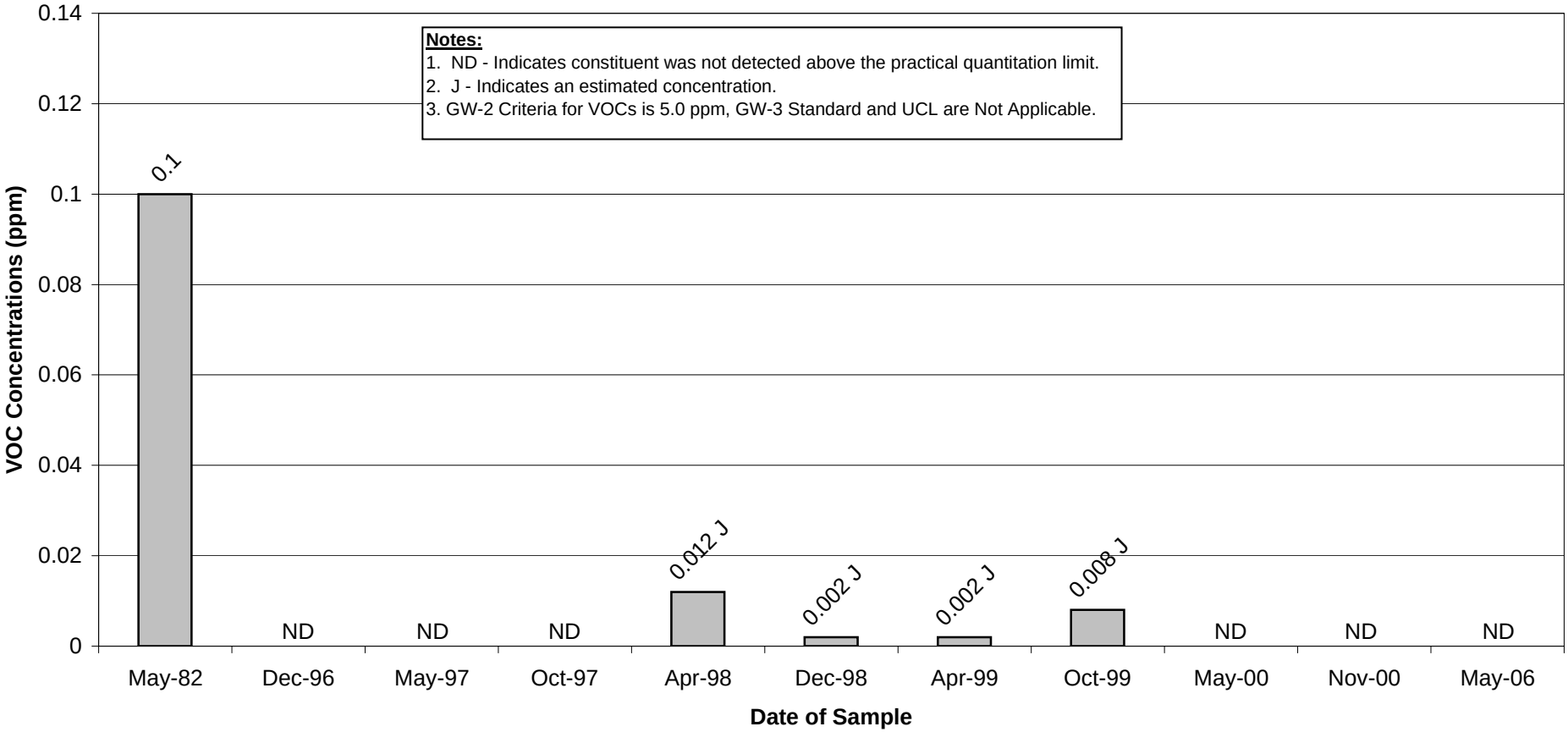
Well 114B/114B-R Historical Total VOC Concentrations



Appendix E

Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

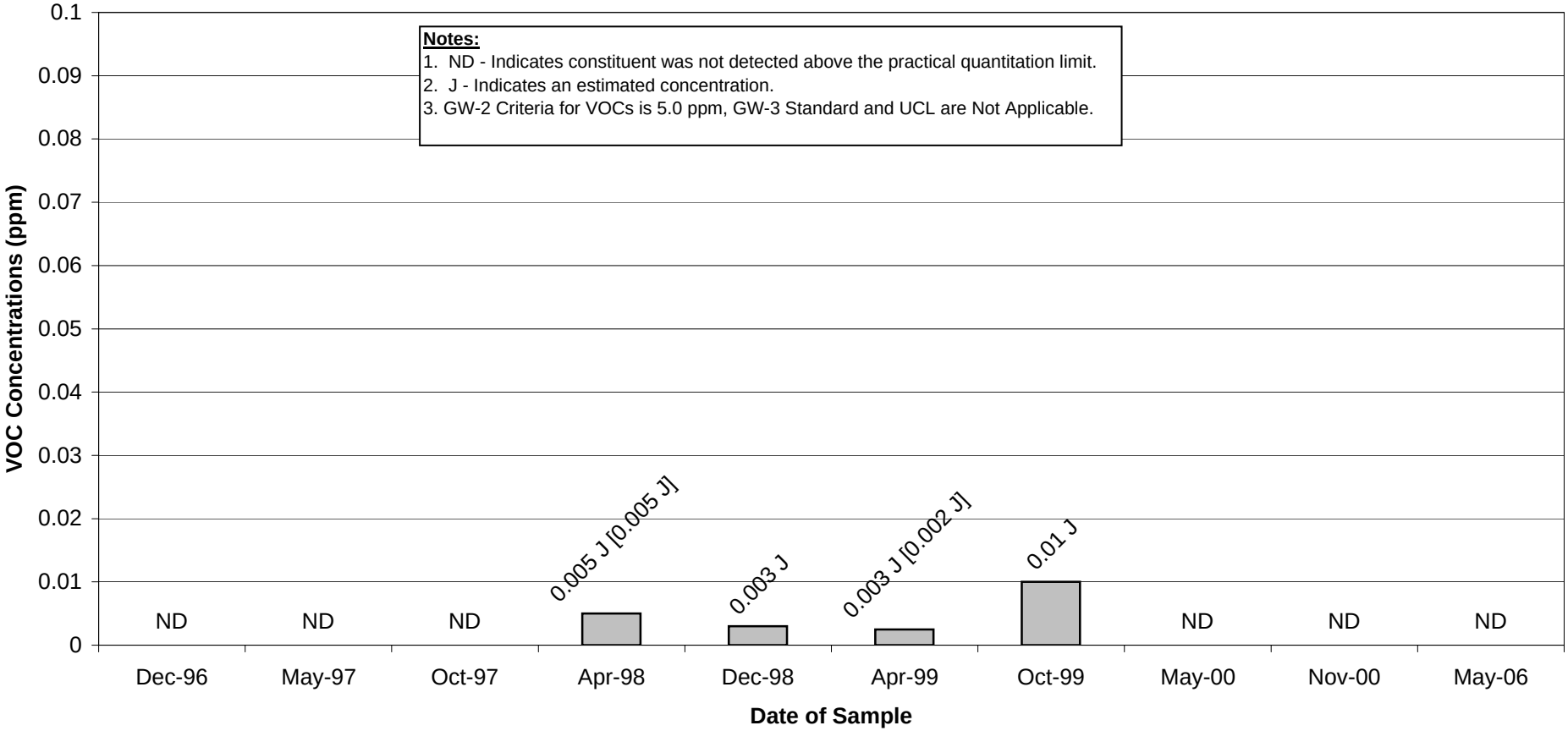
Well 115A Historical Total VOC Concentrations



Appendix E

Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 115B Historical Total VOC Concentrations



Historical Groundwater Data

Total PCB Concentrations – Wells Sampled in Spring 2006

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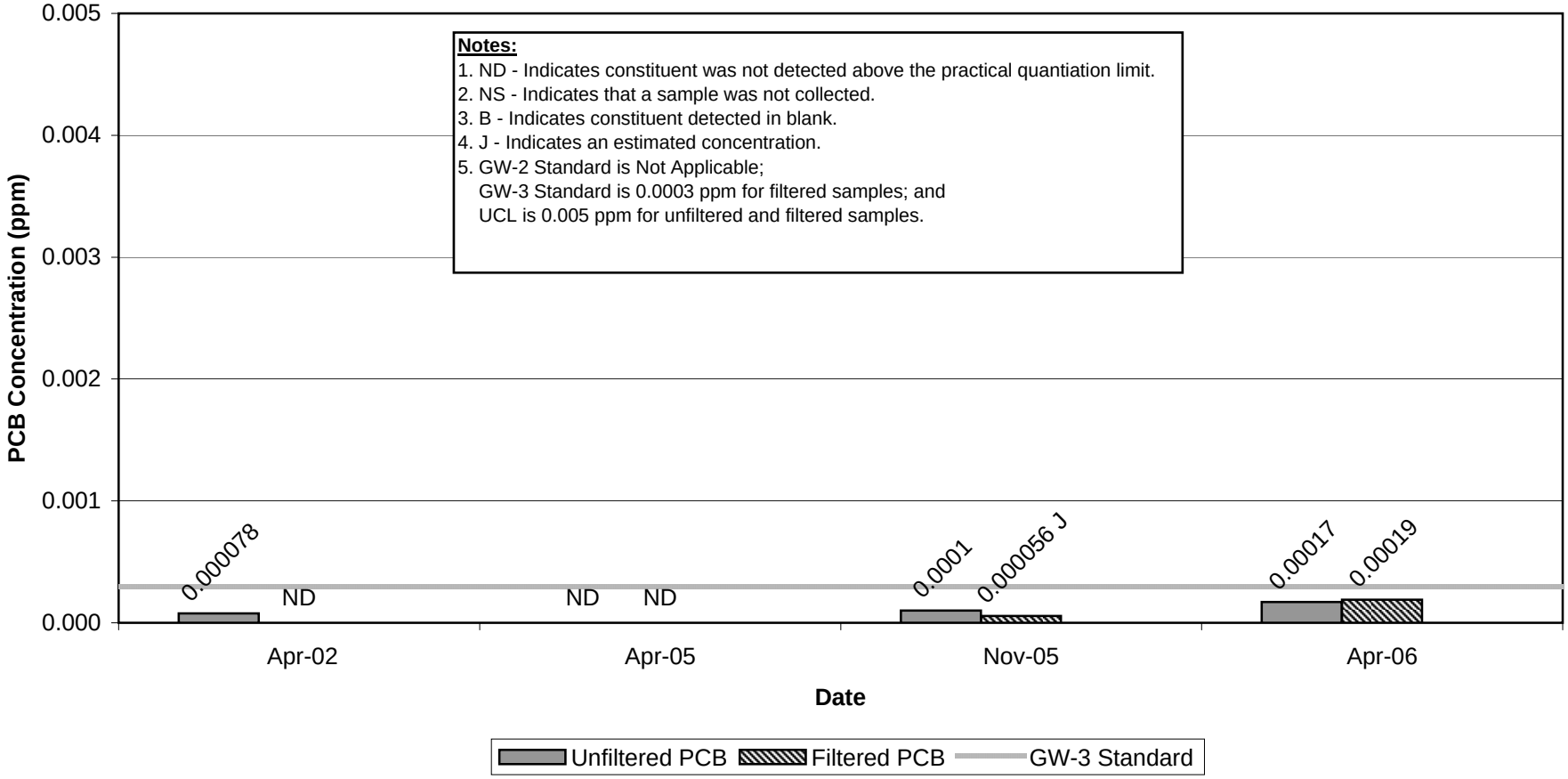
Groundwater Management Area 3
General Electric Company
Pittsfield, Massachusetts

Well 54B/54B-R Historical Total PCB Concentrations



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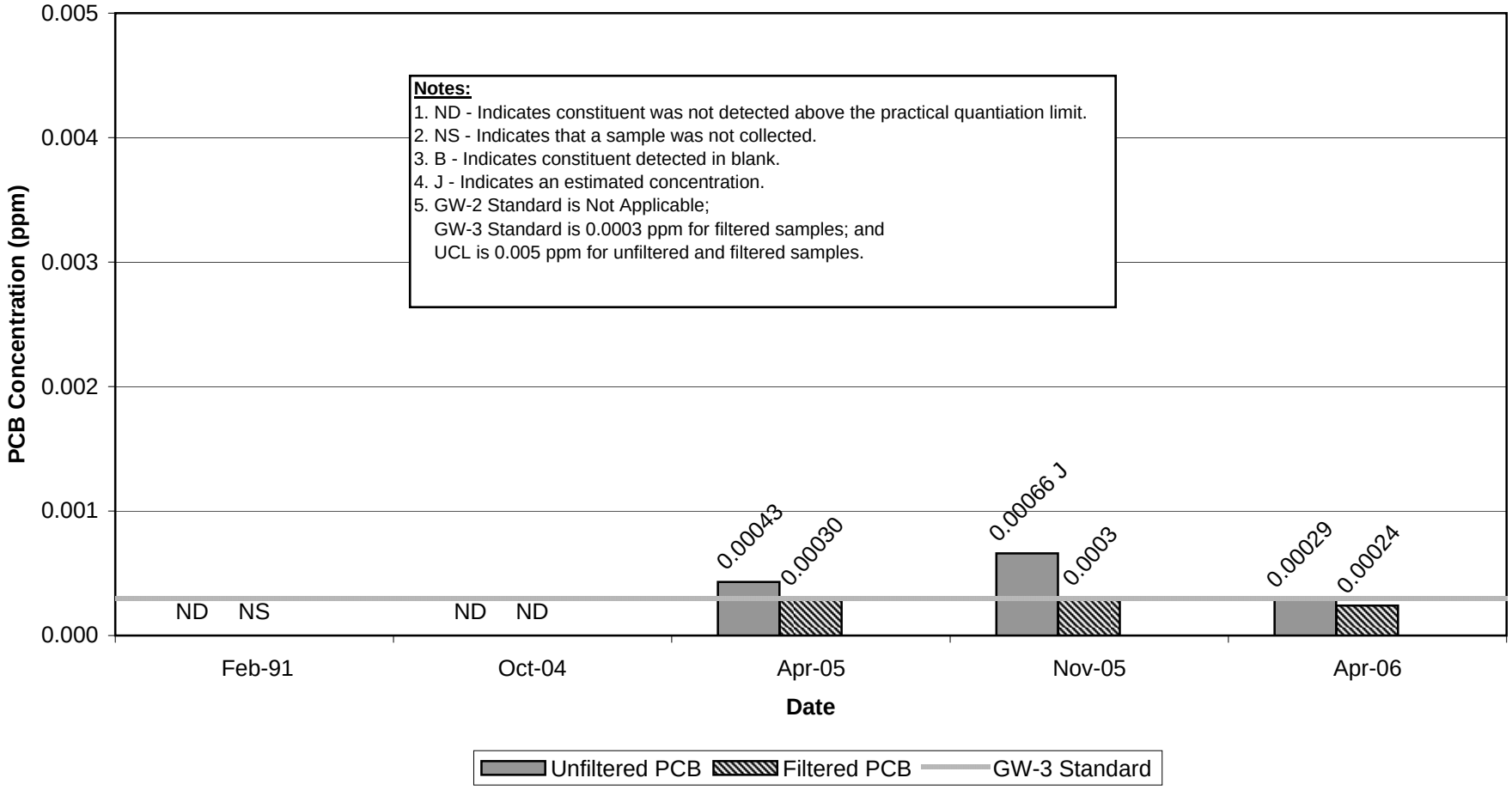
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 82B/82B-R Historical Total PCB Concentrations



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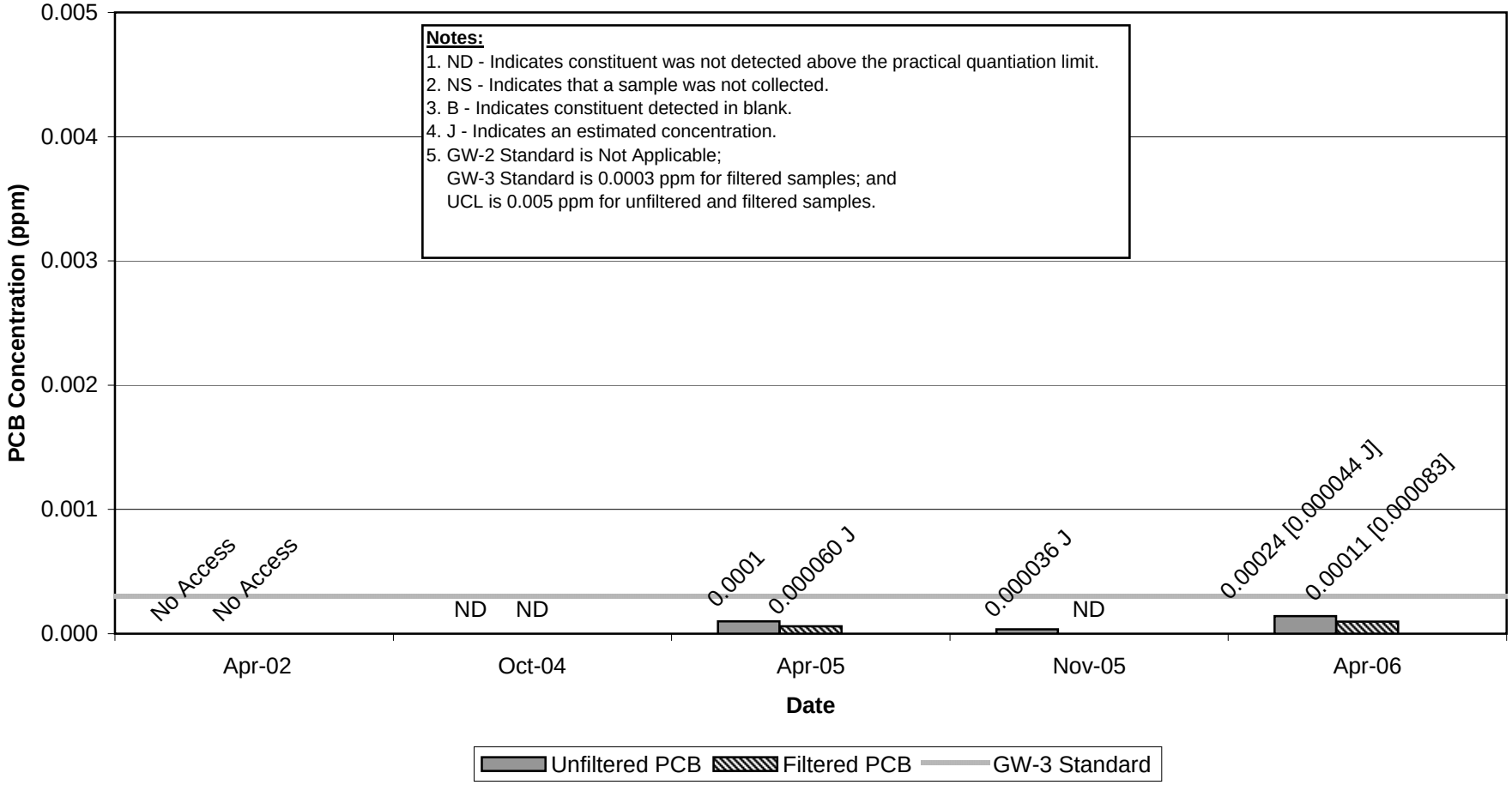
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 95B/95B-R Historical Total PCB Concentrations



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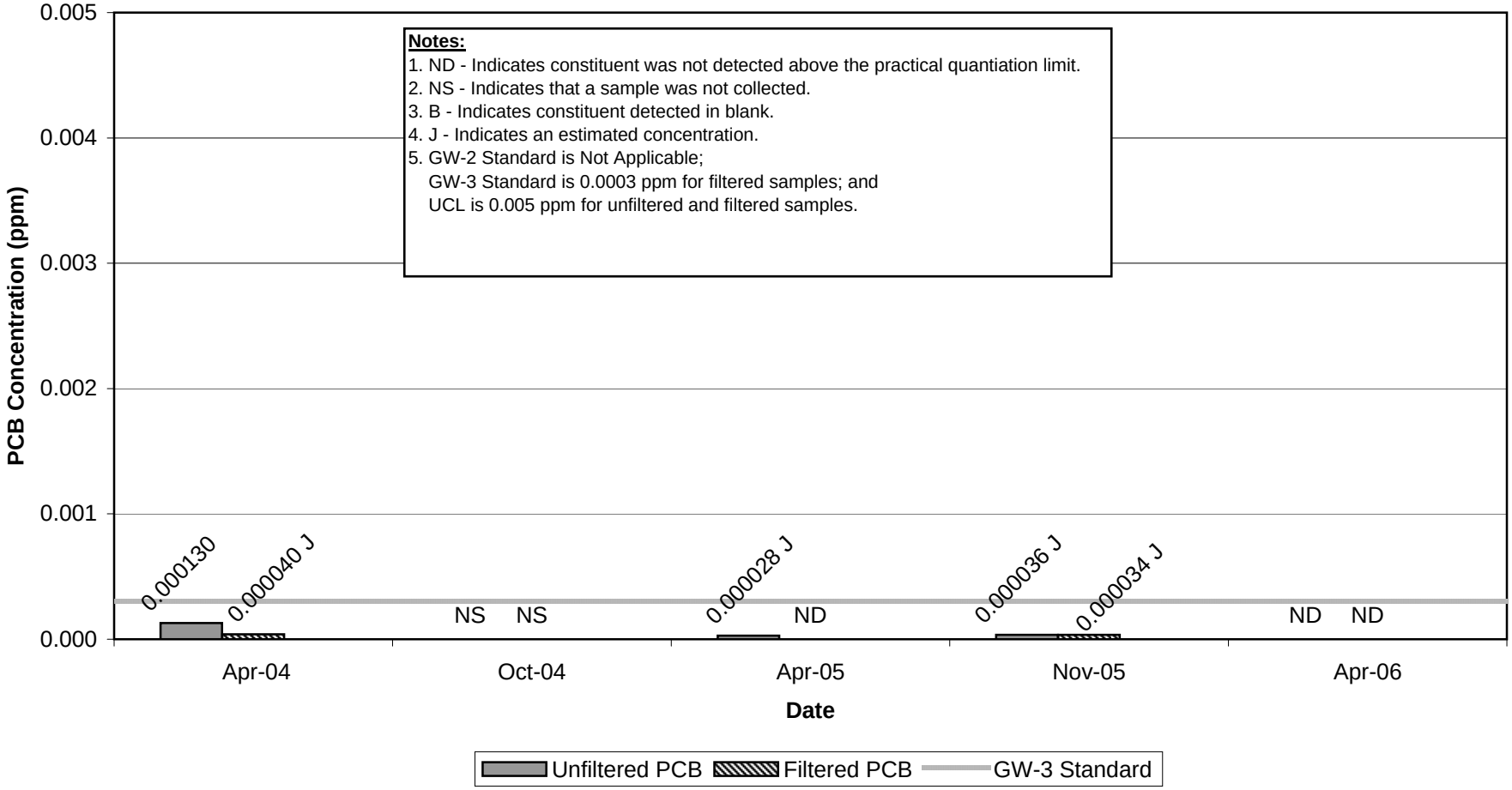
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 111B/111B-R Historical Total PCB Concentrations



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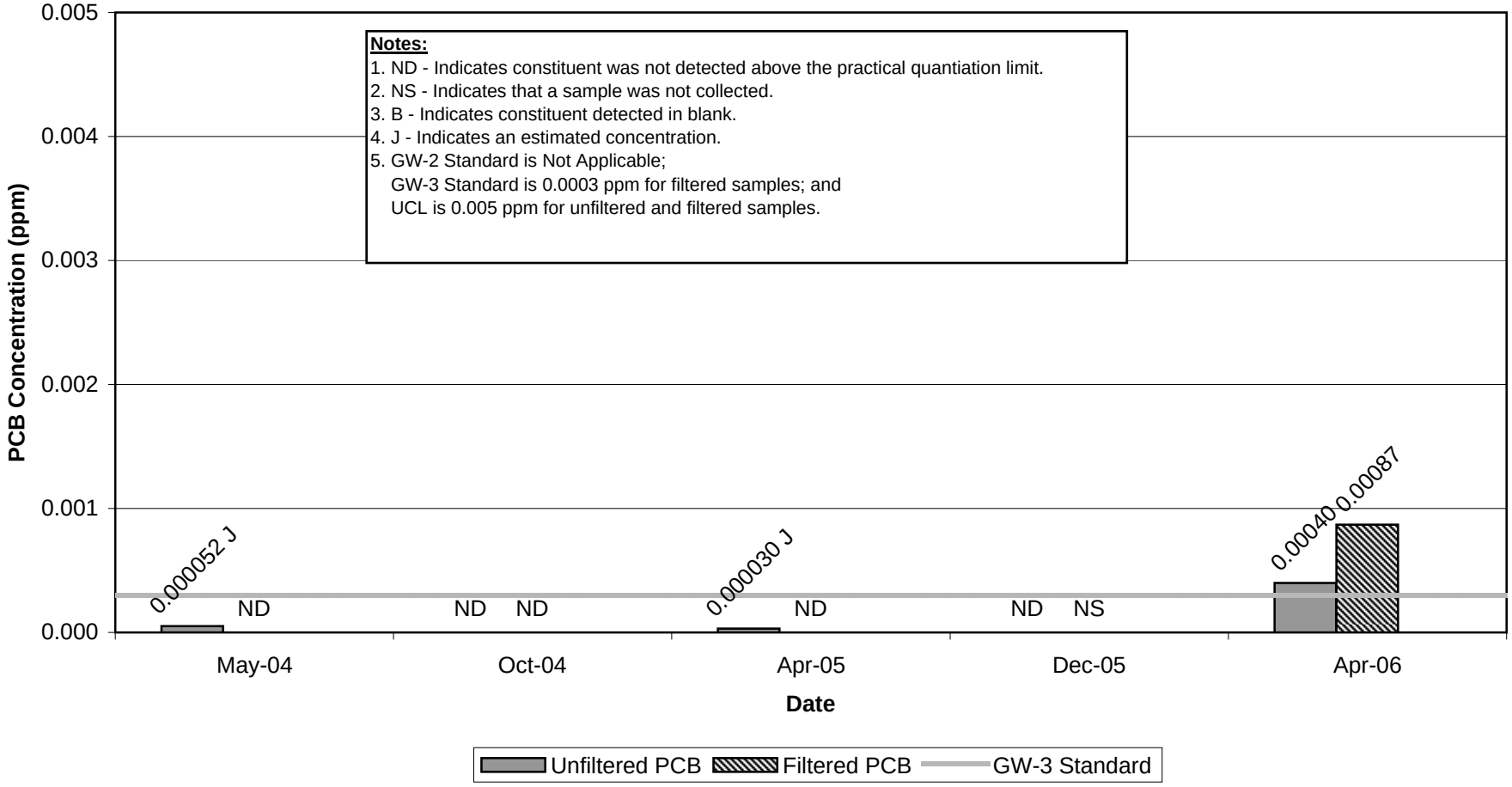
Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 114B-R Historical Total PCB Concentrations



Historical Groundwater Data

Chlorobenzene Concentrations – Select Wells Sampled in Spring 2006

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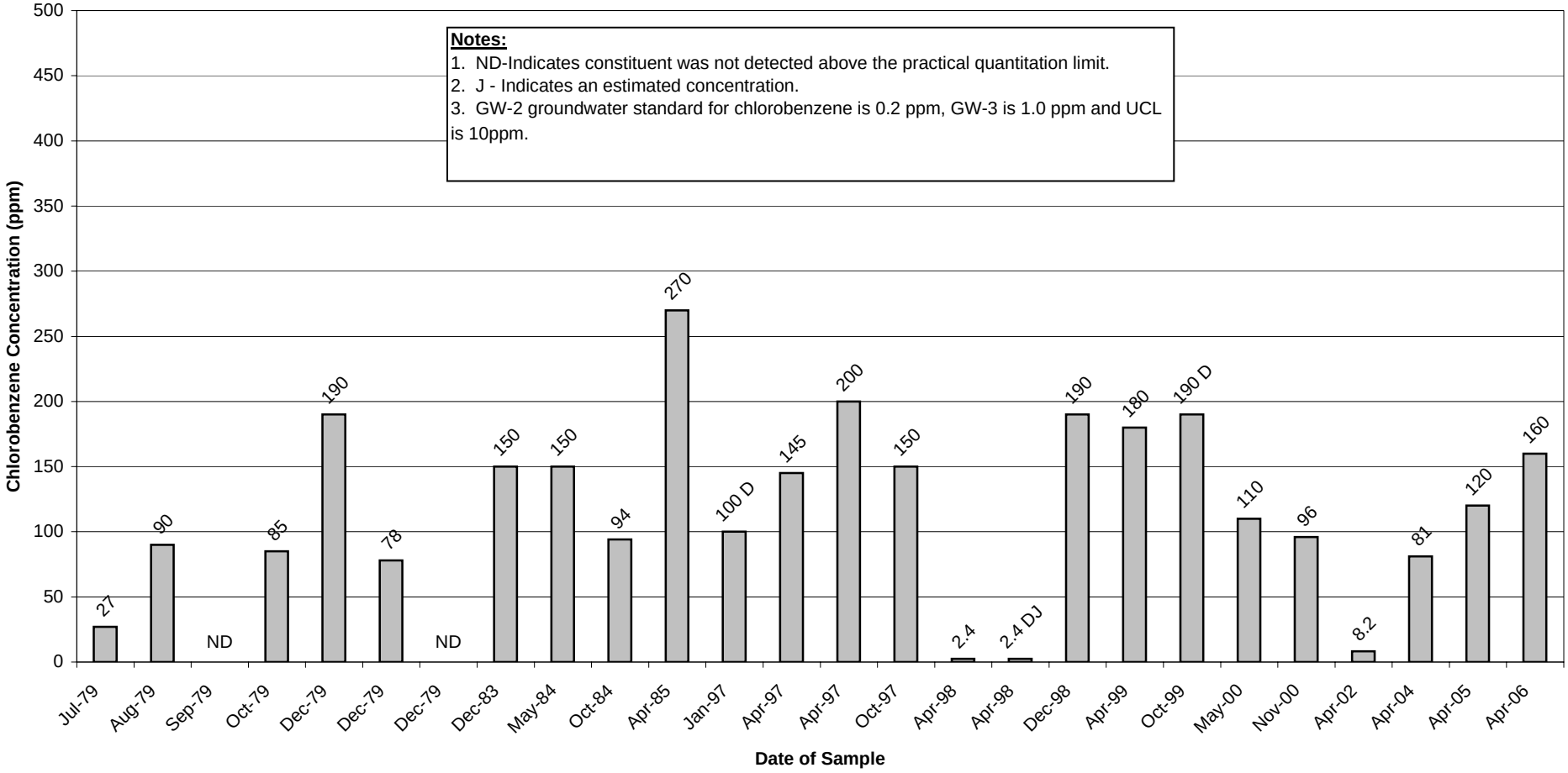
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 2A Historical Chlorobenzene Concentrations



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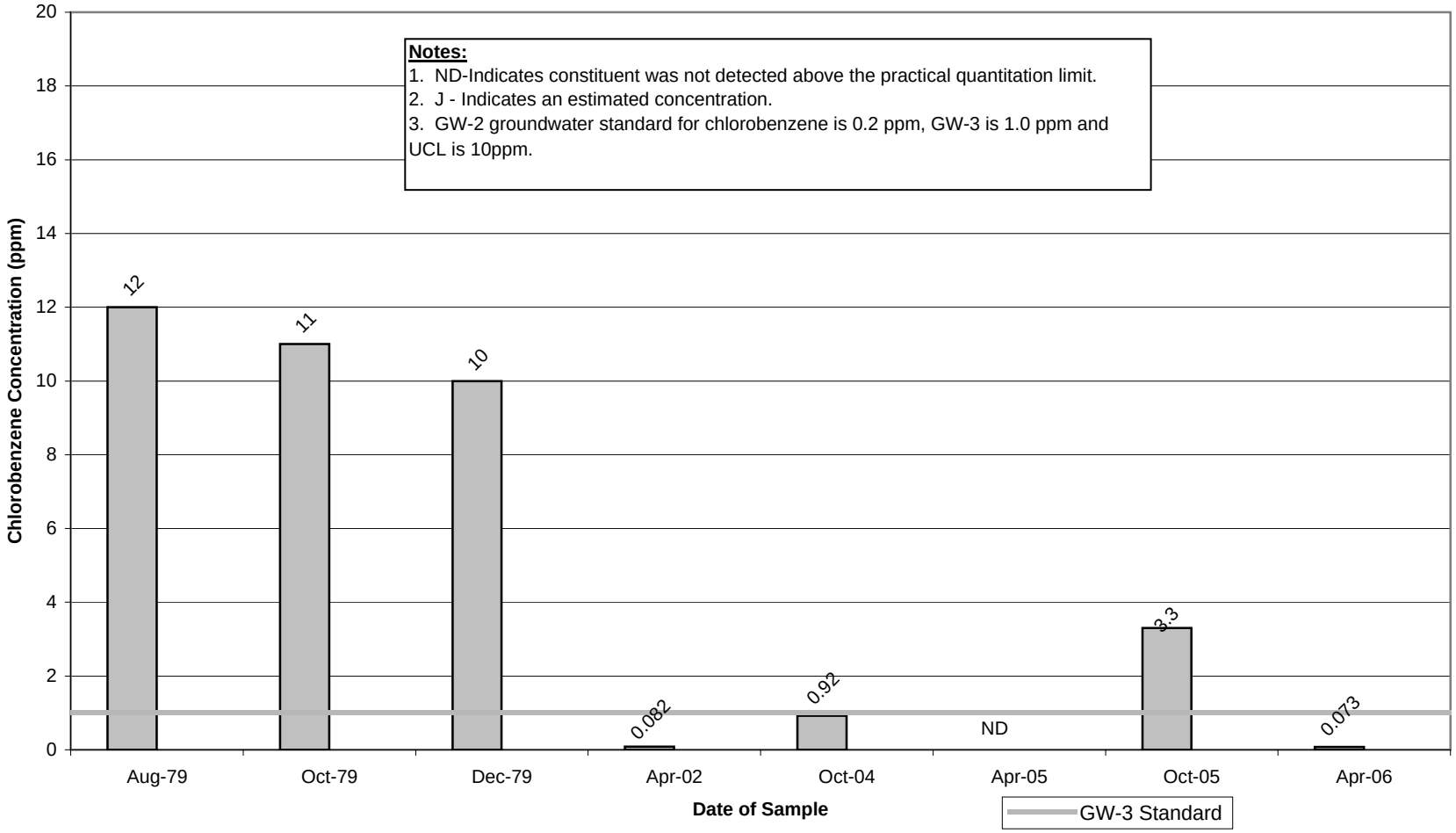
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 6B/6B-R Historical Chlorobenzene Concentrations



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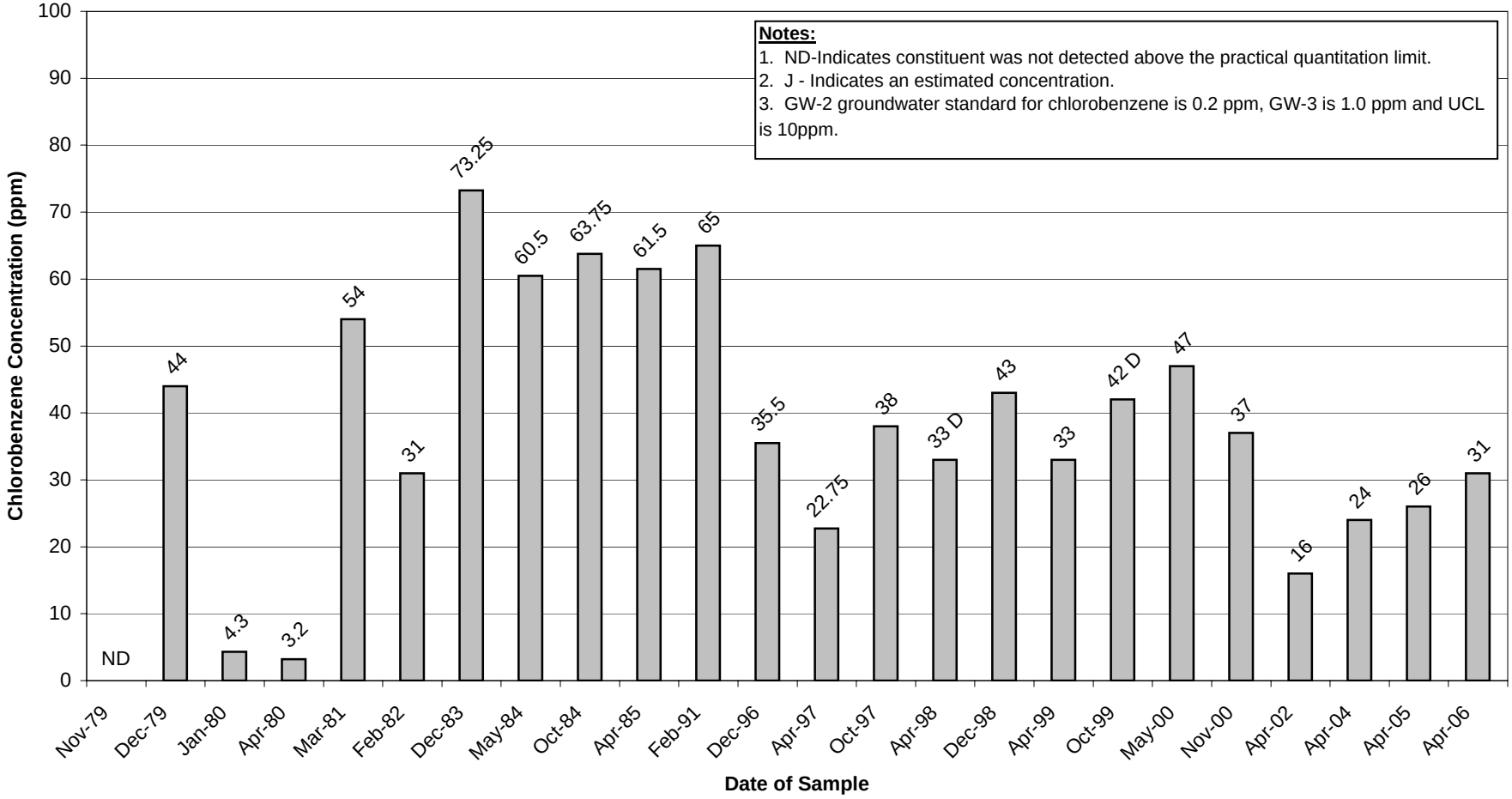
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 16A Historical Chlorobenzene Concentrations



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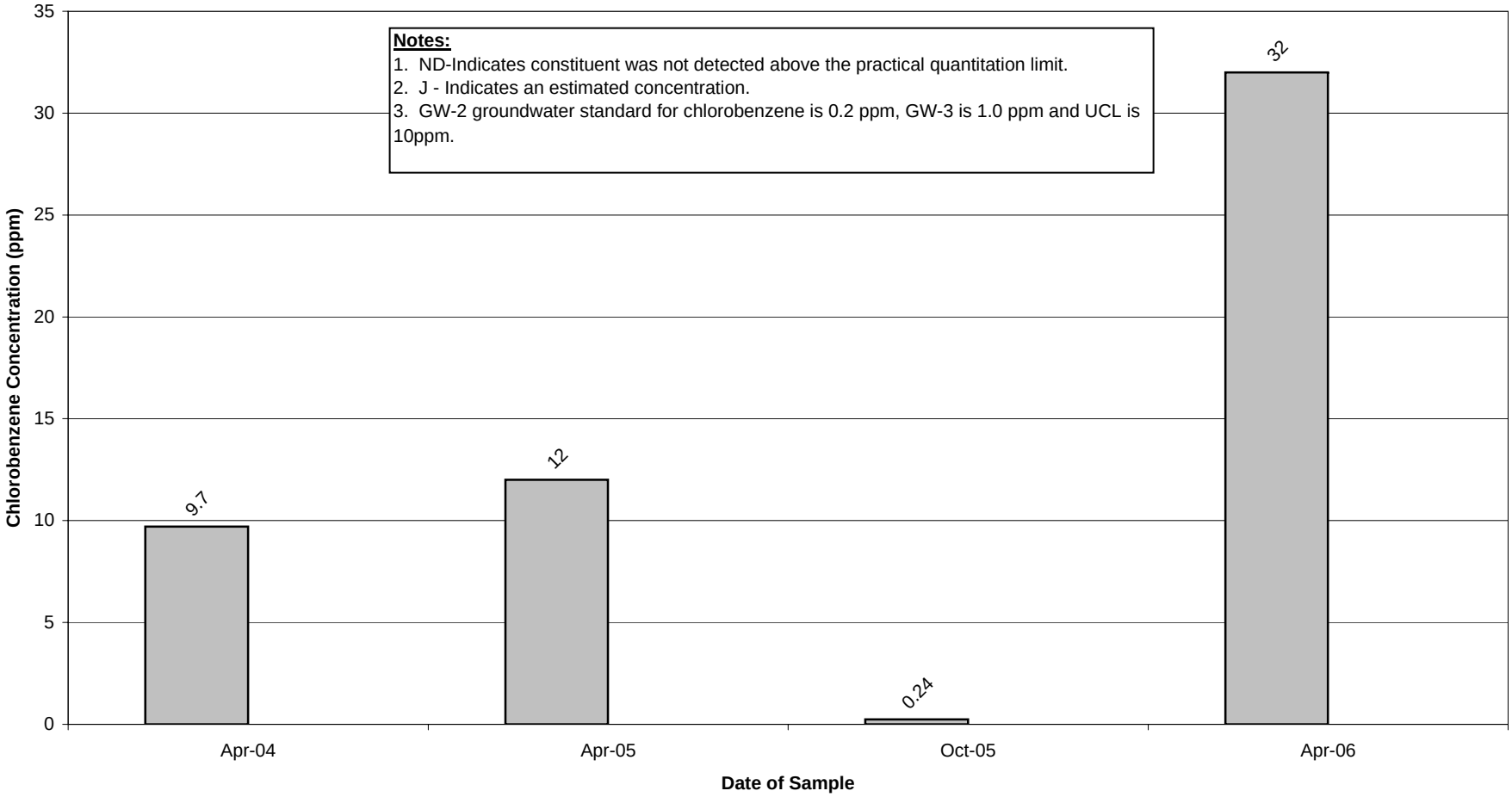
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 39B-R Historical Chlorobenzene Concentrations



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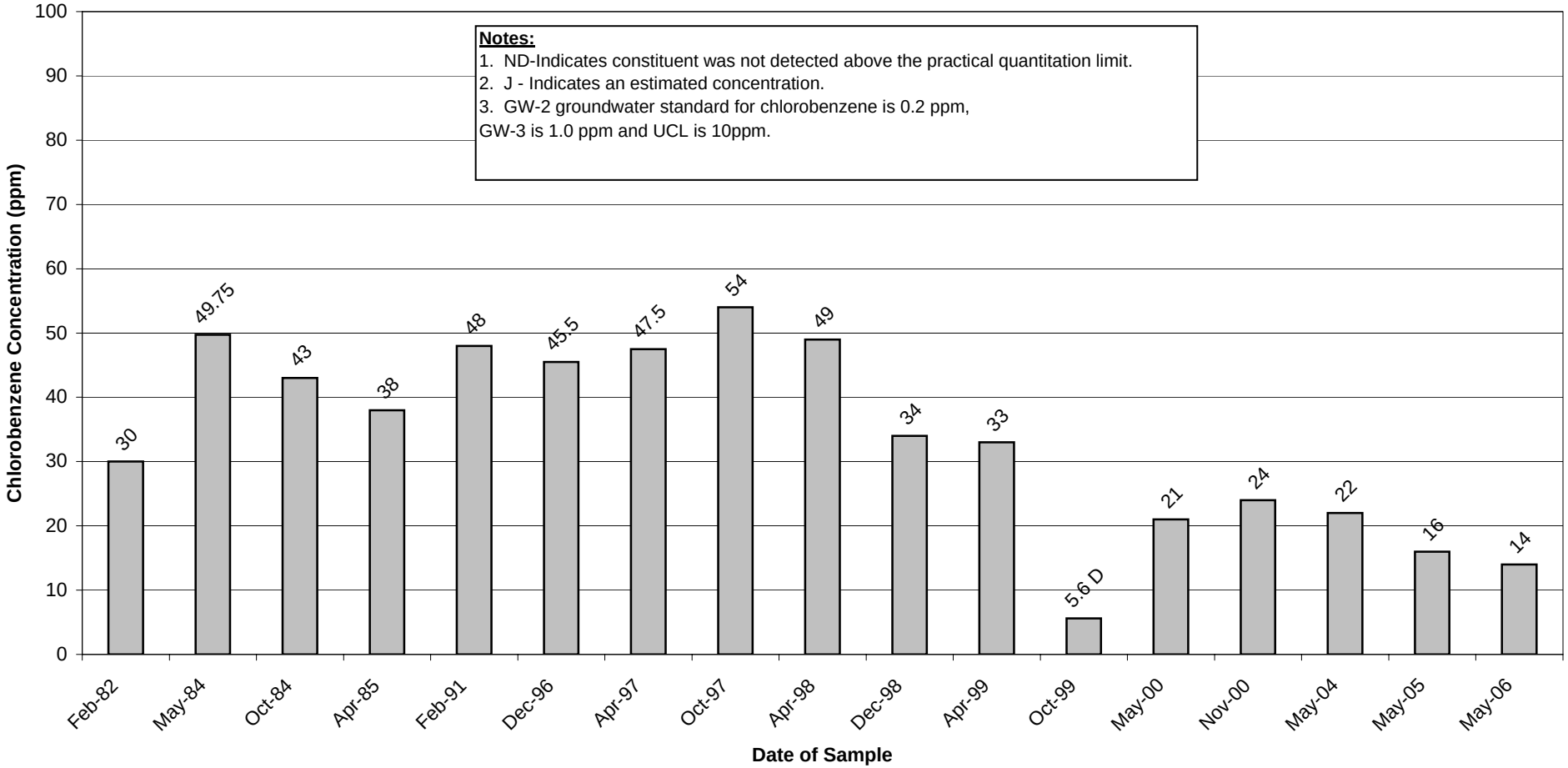
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 89A Historical Chlorobenzene Concentrations



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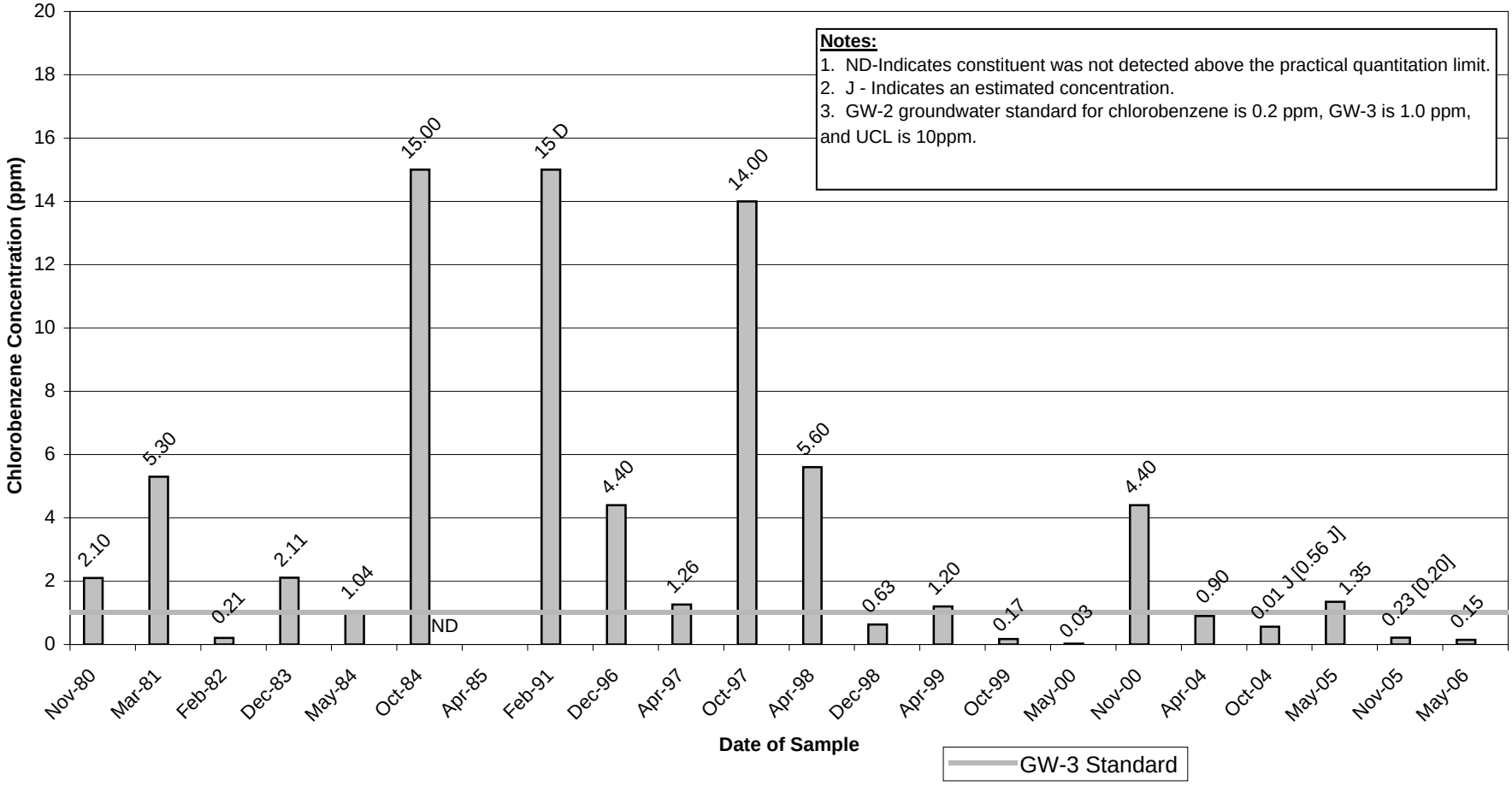
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 89B Historical Chlorobenzene Concentrations



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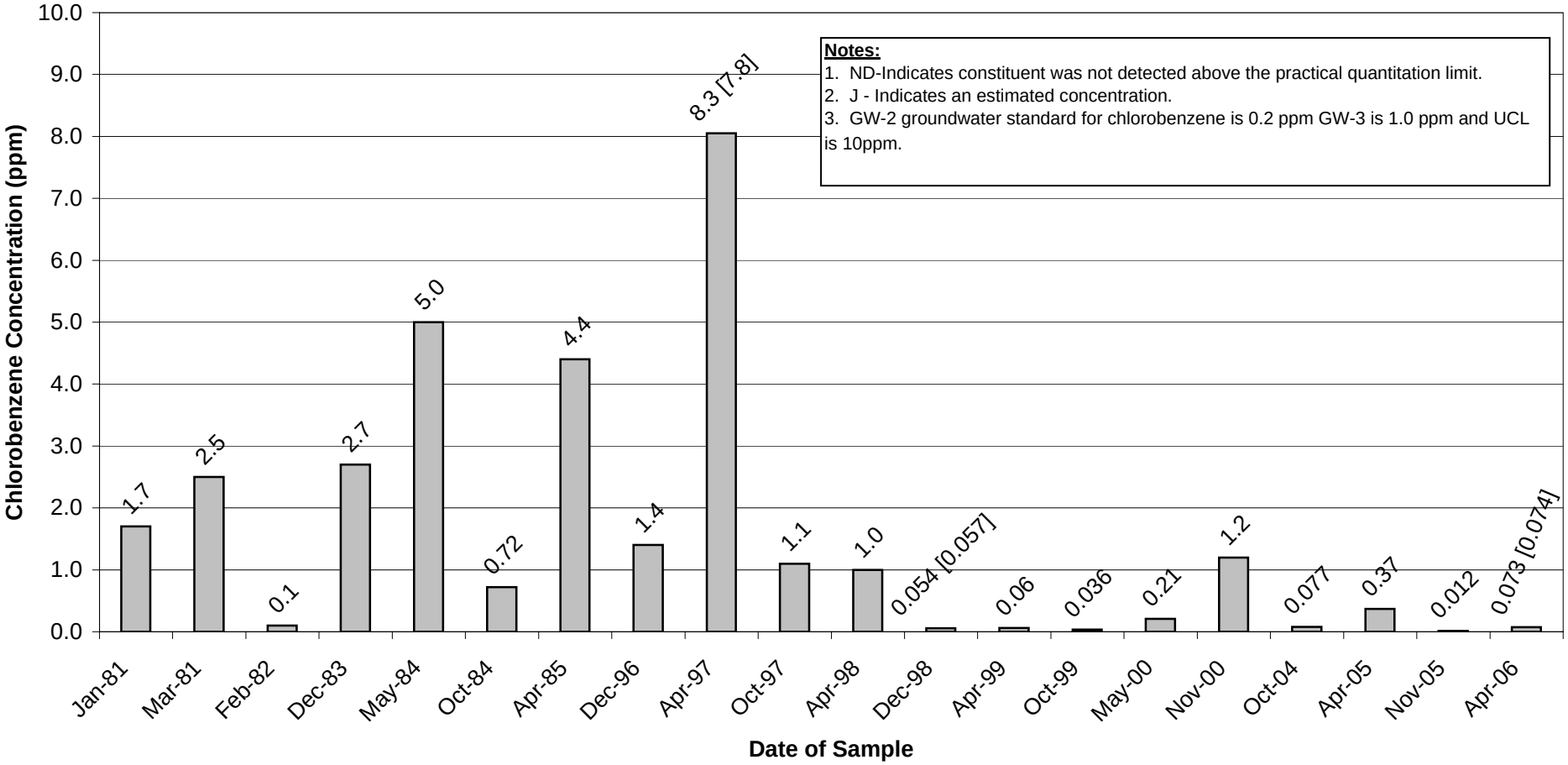
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 95B/95B-R Historical Chlorobenzene Concentrations



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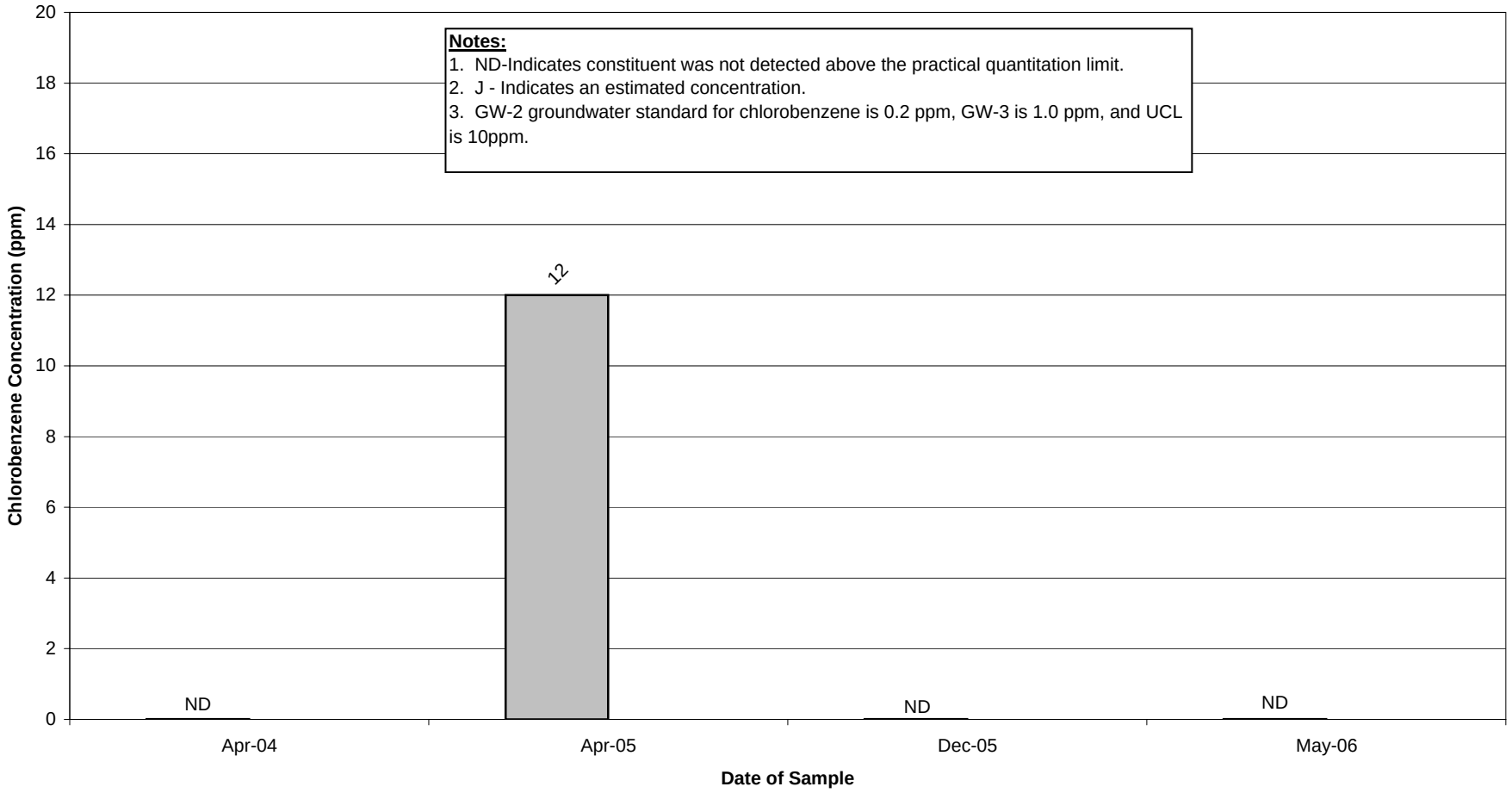
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 114A Historical Chlorobenzene Concentrations



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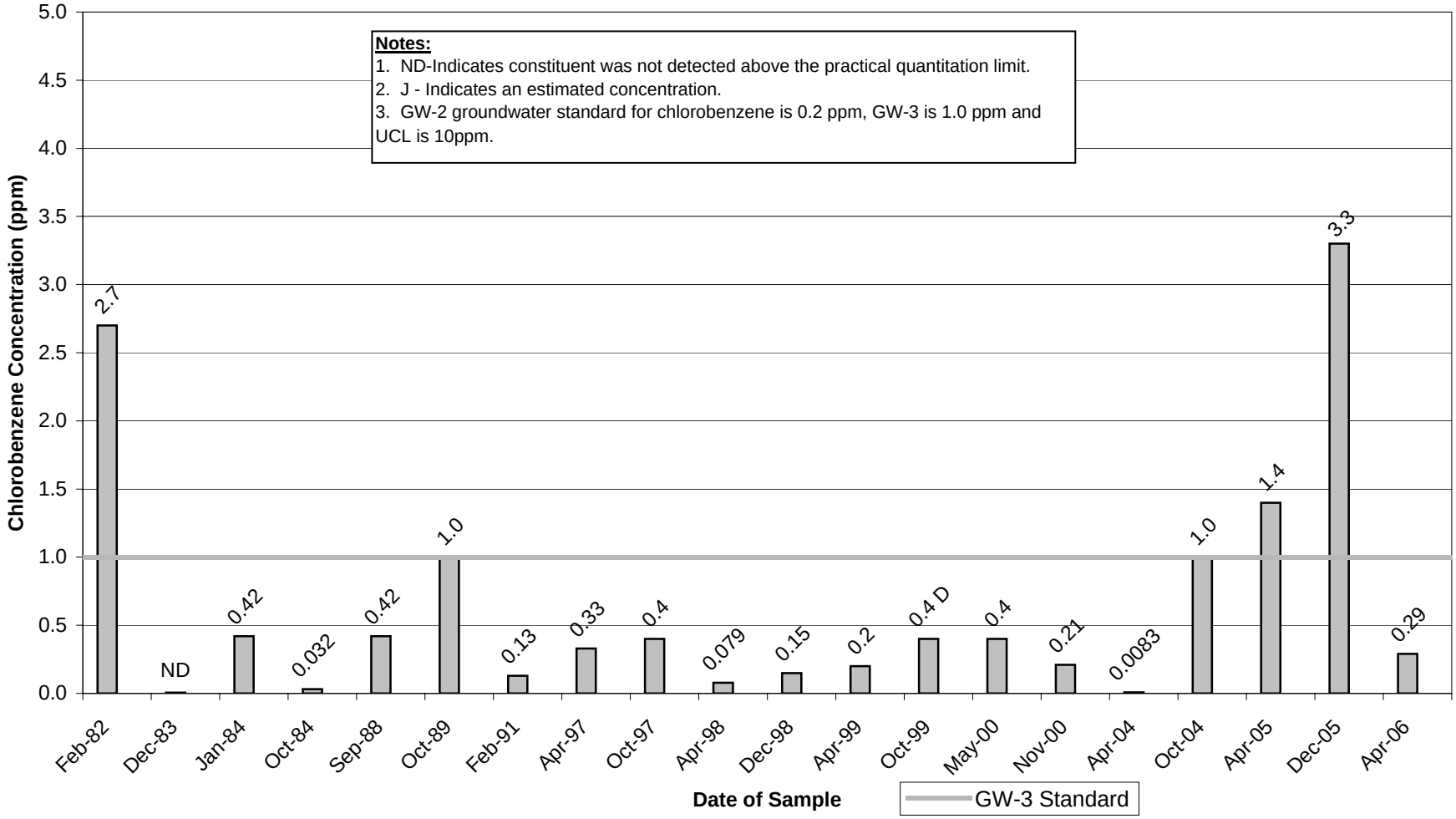
Groundwater Management Area 3
General Electric Company - Pittsfield Massachusetts

Well 114B/114B-R Historical Chlorobenzene Concentrations



Historical Groundwater Data

Carbon Tetrachloride Concentrations – Select Wells Sampled in Spring 2006

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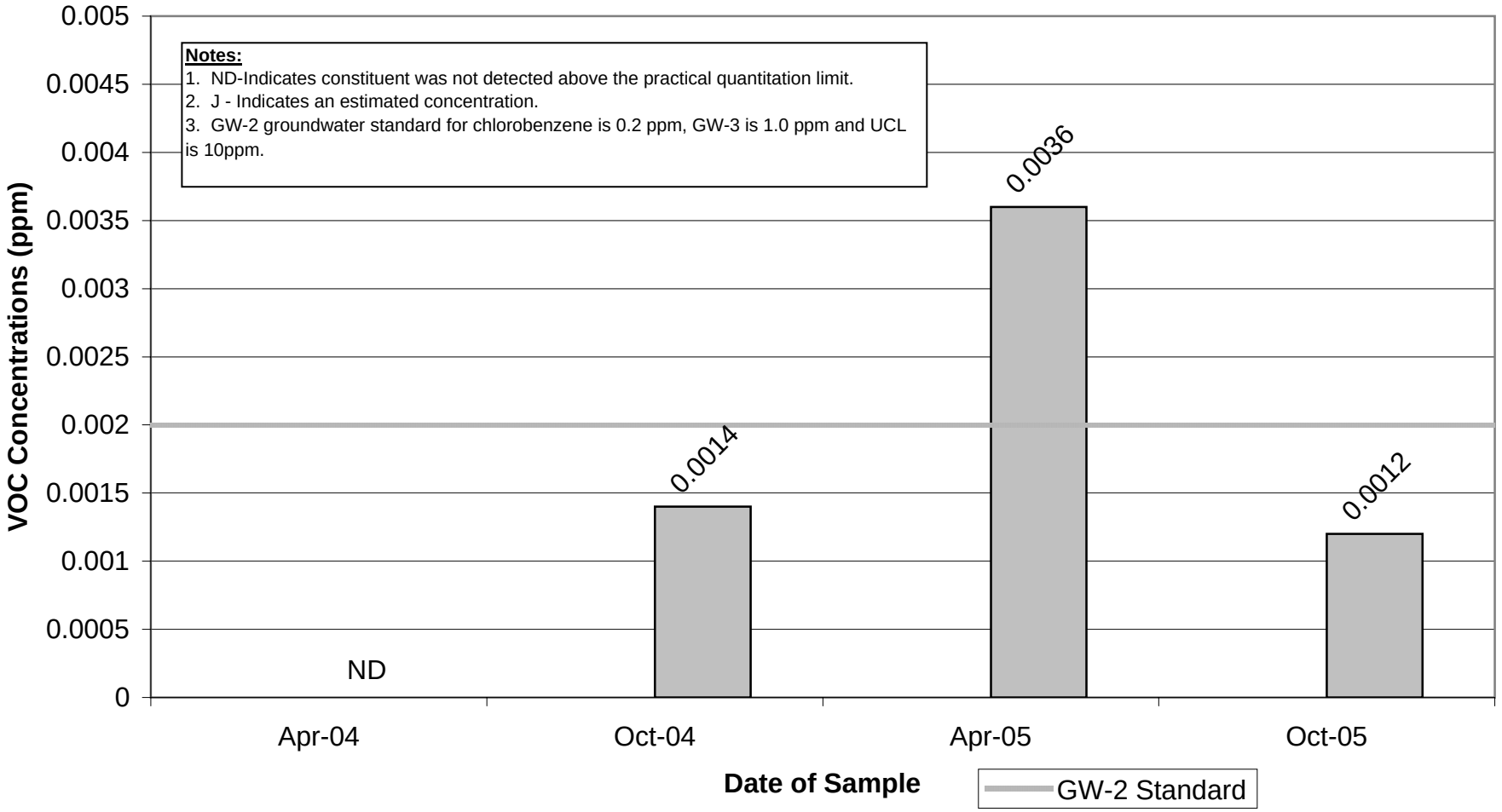
Appendix E

Groundwater Management Area 3
General Electric Company - Pittsfield, Massachusetts

Well 51-14 Historical Carbon Tetrachloride Concentrations



V:\GE_Pittsfield_CD_GMA_3\Reports and Presentations\Spring 2006 Monitoring Report\
45162196AppE_CTetCh.xls.xls\51-14

8/30/2006

Appendix F

Data Validation Report

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APPENDIX F
GROUNDWATER SAMPLING DATA VALIDATION REPORT
GROUNDWATER MANAGEMENT AREA 3 (GMA 3)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

1.0 General

This attachment summarizes the Tier I and Tier II data reviews performed for groundwater samples collected during Remedial Investigation activities conducted at the Groundwater Management Area 3 site located in Pittsfield, Massachusetts. The samples were analyzed for polychlorinated biphenyls (PCBs) and/or various other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3) by SGS Environmental Services, Inc. (formerly CT&E) of Charleston, West Virginia and Wilmington, North Carolina. Data validation was performed for 14 PCB samples, 33 volatile organic compound (VOC) samples, 12 semi-volatile organic compound (SVOC) samples, six polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, four Pesticide/Herbicide samples, 33 metals samples, 12 cyanide samples, six sulfide samples, and 29 miscellaneous analyses.

2.0 Data Evaluation Procedures

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

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. (BBL; FSP/QAPP, approved May 25, 2004 and resubmitted June 15, 2004);

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

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

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

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

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

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

The following data qualifiers were used in this data evaluation:

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

U The compound was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table F-1 for consistency with documents previously prepared for investigations conducted at this site.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table F-1 for consistency with documents previously prepared for this investigation.

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

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the USEPA Region I Tier I data completeness requirements. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented in the following table.

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

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	10	2	2	14
VOCs	0	0	0	25	2	6	33
SVOCs	0	0	0	10	1	1	12
PCDDs/PCDFs	0	0	0	4	1	1	6
Pesticides/Herbicides	0	0	0	6	2	0	8
Metals	0	0	0	28	3	2	33
Cyanide	0	0	0	8	2	2	12
Sulfide	0	0	0	4	1	1	6
Misc. Analyses	0	0	0	24	3	2	29
Total	**0**	**0**	**0**	**119**	**17**	**17**	**153**

As specified in the FSP/QAPP, all of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the samples subjected to Tier I and Tier II data evaluations is presented in the following table.

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

4.0 Data Review

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

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	6	J

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

Compounds Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	27	J
	Acetonitrile	25	J
SVOCs	4-Nitroquinoline-1-oxide	6	J
	Benzidine	6	J
	Hexachlorophene	6	J
	Kepone	4	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion, which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally

exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detect compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detect sample results were qualified as estimated (J).

The continuing calibration criterion requires that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25% and for Pesticides/Herbicides be less than 15%. Sample data for detect and non-detect compounds with %D values that exceeded the continuing calibration criteria were qualified as estimated (J). A summary of the compounds that exceeded the continuing calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,2-Dibromoethane	6	J
	1,2-Dichloroethane	9	J
	1,4-Dioxane	11	J
	2-Hexanone	26	J
	4-Methyl-2-pentanone	11	J
	Acetone	8	J
	Acetonitrile	7	J
	Acrolein	9	J
	Acrylonitrile	9	J
	Bromomethane	11	J
	Carbon Disulfide	9	J
	Dichlorodifluoromethane	9	J
	Ethyl Methacrylate	8	J
	Isobutanol	6	J
	Methacrylonitrile	27	J
	Methyl Methacrylate	8	J
	Propionitrile	15	J
	trans-1,4-Dichloro-2-butene	17	J
	Trichlorofluoromethane	5	J
	Vinyl Acetate	18	J
SVOCs	1,3,5-Trinitrobenzene	6	J
	1,3-Dinitrobenzene	1	J
	1,4-Naphthoquinone	6	J
	1-Naphthylamine	1	J
	2,3,4,6-Tetrachlorophenol	2	J
	2,4-Dinitrotoluene	5	J
	2,6-Dichlorophenol	1	J
	2,6-Dinitrotoluene	5	J
	2-Nitroaniline	2	J
	3-Methylcholanthrene	6	J
	4-Nitrophenol	1	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs (continued)	a,a'-Dimethylphenethylamine	6	J
	Aramite	2	J
	Benzidine	6	J
	bis(2-Chloroisopropyl)ether	6	J
	bis(2-Ethylhexyl)phthalate	5	J
	Butylbenzylphthalate	5	J
	Dimethoate	4	J
	Hexachlorophene	6	J
	Isosafrole	6	J
	Kepone	4	J
	Methapyrilene	6	J
	Methyl Methanesulfonate	1	J
	Methyl Parathion	4	J
	Pentachlorobenzene	4	J
	Pentachloronitrobenzene	1	J
	Pronamide	4	J
	Safrole	6	J
	Sulfotep	4	J
Pesticides/Herbicides	4,4'-DDD	1	J

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

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Metals	Selenium	4	J
	Thallium	1	J
	Zinc	8	J

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery be within the laboratory-generated QC acceptance limits specified on the MS reporting form and inorganics MS/MSD recoveries must be within 75% to 125%. Organic and inorganic sample results associated with MS/MSD recoveries less than the specified control limit, but greater than 10% and 30%, respectively, were qualified as estimated (J). The analyte/compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Analyte/Compounds Qualified Due to MS/MSD Recovery Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Metals	Silver	1	J
VOCs	Benzene	1	J
	Chlorobenzene	1	J

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

Compounds Qualified Due to MS/MSD RPD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1-Dichloroethene	1	J
	Benzene	1	J
	Trichloroethene	1	J

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

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	All acid compounds	1	R

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between field duplicate samples is required to be less than 50% for soil sample values greater than five times the PQL for organics and inorganics. Sample results that exceeded these limits were qualified as estimated (J). The compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Field Duplicate Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	2	J
	HxCDFs (total)	2	J
	OCDD	2	J
	OCDF	2	J
Miscellaneous	Sulfate (turbidimetric)	2	J

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

Analyte/Compound Qualified Due to Blank Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Metals	Zinc	4	U
PCDDs/PCDFs	PeCDFs (total)	1	U

5.0 Overall Data Usability

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

Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100	None
VOCs	100	None
SVOCs	98.8	A total of 16 sample results were rejected due to surrogate recovery deviations.
PCDDs/PCDFs	100	None
Pesticides/Herbicides	100	None
Metals	100	None
Cyanides/Sulfide	100	None
Miscellaneous	100	None

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

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, and MS/MSD samples. For this analytical program, 0.23% of the data required qualification due to field duplicate RPD deviations, and 0.07% of the data required qualification due to MS/MSD RPD deviations. None of the data required qualification due to laboratory duplicate RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, laboratory control standards (LCSs), MS/MSD samples, and surrogate compound recoveries. For this analytical program, 9.7% of the data required qualification due to instrument calibration deviations, 0.07% of the data required qualification due to MS/MSD recovery deviations, 0.37% of the data required qualification due to surrogate compound recovery deviations. None of the data required qualification due to internal standards or LCS recovery deviations.

5.3 Representativeness

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

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by

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

requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 98.8 to 100% for individual analytical parameters and had an overall usability of 99.8%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

Rejected sample data for these investigations include sample analyses results for 16 SVOCs for sample location 54B-R due to low surrogate recoveries. Re-extraction has demonstrated matrix interference and the same analytical performance limitations for the analysis could occur again; therefore, resampling at this location is not recommended.

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
6D0P198	114B-R	4/20/2006	Water	Tier II	No						
6D0P198	114B-R (Filtered)	4/20/2006	Water	Tier II	No						
6D0P303	111B-R	4/25/2006	Water	Tier II	No						
6D0P303	111B-R (Filtered)	4/25/2006	Water	Tier II	No						
6D0P332	54B-R	4/26/2006	Water	Tier II	No						
6D0P332	54B-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	82B-R	4/26/2006	Water	Tier II	No						
6D0P332	82B-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	95B-R	4/26/2006	Water	Tier II	No						
6D0P332	95B-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	No						95B-R
6D0P332	GMA-DUP-6 (Filtered)	4/26/2006	Water	Tier II	No						95B-R (Filtered)
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1 (Filtered)	5/9/2006	Water	Tier II	No						
Metals											
6D0P184	2A (Filtered)	4/19/2006	Water	Tier II	No						
6D0P184	43A (Filtered)	4/19/2006	Water	Tier II	No						
6D0P184	43B (Filtered)	4/19/2006	Water	Tier II	No						
6D0P198	114B-R (Filtered)	4/20/2006	Water	Tier II	No						
6D0P198	16A (Filtered)	4/20/2006	Water	Tier II	No						
6D0P198	16B-R (Filtered)	4/20/2006	Water	Tier II	No						
6D0P198	39B-R (Filtered)	4/20/2006	Water	Tier II	No						
6D0P198	39D-R (Filtered)	4/20/2006	Water	Tier II	No						
6D0P198	39E (Filtered)	4/20/2006	Water	Tier II	No						
6D0P266	111A-R (Filtered)	4/24/2006	Water	Tier II	No						
6D0P266	GMA-DUP-5 (Filtered)	4/24/2006	Water	Tier II	No						111A-R (Filtered)
6D0P303	111B-R	4/25/2006	Water	Tier II	Yes	Selenium	CRDL Standard %R	78.9%, 65.6%	80% to 120%	ND(0.00500) J	
						Silver	MS %R	6.1%	75% to 125%	ND(0.00500) J	
						Zinc	CRDL Standard %R	79.0%, 77.7%	80% to 120%	ND(0.0260) J	
						Zinc	Method Blank	-	-	ND(0.0260)	
6D0P303	111B-R (Filtered)	4/25/2006	Water	Tier II	Yes	Zinc	CRDL Standard %R	79.7%	80% to 120%	0.0240 J	
6D0P303	90A (Filtered)	4/25/2006	Water	Tier II	Yes						
6D0P303	90B (Filtered)	4/25/2006	Water	Tier II	Yes						
6D0P332	16C-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	82B-R	4/26/2006	Water	Tier II	Yes	Selenium	CRDL Standard %R	78.9%, 65.6%	80% to 120%	ND(0.00500) J	
						Zinc	CRDL Standard %R	79.0%, 77.7%	80% to 120%	ND(0.0200) J	
						Zinc	Method Blank	-	-	ND(0.0200)	
6D0P332	82B-R (Filtered)	4/26/2006	Water	Tier II	Yes	Zinc	CRDL Standard %R	79.7%	80% to 120%	ND(0.0200) J	
6D0P332	95B-R	4/26/2006	Water	Tier II	Yes	Selenium	CRDL Standard %R	78.9%, 65.6%	80% to 120%	ND(0.00500) J	
						Zinc	CRDL Standard %R	79.0%, 77.7%	80% to 120%	ND(0.0200) J	
						Zinc	Method Blank	-	-	ND(0.0200)	
6D0P332	95B-R (Filtered)	4/26/2006	Water	Tier II	Yes	Zinc	CRDL Standard %R	79.7%	80% to 120%	0.0110 J	
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	Yes	Selenium	CRDL Standard %R	78.9%, 65.6%	80% to 120%	ND(0.00500) J	95B-R
						Zinc	CRDL Standard %R	79.0%, 77.7%	80% to 120%	ND(0.0200) J	
						Zinc	Method Blank	-	-	ND(0.0200)	
6D0P332	GMA-DUP-6 (Filtered)	4/26/2006	Water	Tier II	Yes	Zinc	CRDL Standard %R	79.7%	80% to 120%	ND(0.0200) J	95B-R (Filtered)
6E0P021	54B-R	4/28/2006	Water	Tier II	No						
6E0P021	54B-R (Filtered)	4/28/2006	Water	Tier II	Yes	Thallium	CRDL Standard %R	79.5%	80% to 120%	ND(0.0100) J	
6E0P034	95A (Filtered)	5/1/2006	Water	Tier II	No						
6E0P041	89A (Filtered)	5/2/2006	Water	Tier II	No						
6E0P041	89B (Filtered)	5/2/2006	Water	Tier II	No						
6E0P041	89D-R (Filtered)	5/2/2006	Water	Tier II	No						
6E0P150	114A (Filtered)	5/9/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1 (Filtered)	5/9/2006	Water	Tier II	No						
6E0P177	115A (Filtered)	5/10/2006	Water	Tier II	No						
6E0P177	115B (Filtered)	5/10/2006	Water	Tier II	No						
VOCs											
6D0P184	2A	4/19/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(20) J	
						1,4-Dioxane	CCAL %D	30.4%	<25%	ND(20) J	
						4-Methyl-2-pentanone	CCAL %D	30.4%	<25%	ND(1.0) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(10) J	
						Acetonitrile	CCAL %D	35.6%	<25%	ND(10) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.20) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
6D0P184	2A	4/19/2006	Water	Tier II	Yes	Methacrylonitrile	CCAL %D	43.6%	<25%	ND(0.50) J	
6D0P184	43A	4/19/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	30.4%	<25%	ND(0.20) J	
						4-Methyl-2-pentanone	CCAL %D	30.4%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(0.10) J	
						Acetonitrile	CCAL %D	35.6%	<25%	ND(0.10) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0020) J	
						Methacrylonitrile	CCAL %D	43.6%	<25%	ND(0.0050) J	
6D0P184	43B	4/19/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	30.4%	<25%	ND(0.20) J	
						4-Methyl-2-pentanone	CCAL %D	30.4%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(0.10) J	
						Acetonitrile	CCAL %D	35.6%	<25%	ND(0.10) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0020) J	
						Methacrylonitrile	CCAL %D	43.6%	<25%	ND(0.0050) J	
6D0P184	6B-R	4/19/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	30.4%	<25%	ND(0.20) J	
						4-Methyl-2-pentanone	CCAL %D	30.4%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(0.10) J	
						Acetonitrile	CCAL %D	35.6%	<25%	ND(0.10) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0020) J	
						Methacrylonitrile	CCAL %D	43.6%	<25%	ND(0.0050) J	
6D0P184	TRIP BLANK	4/19/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	30.4%	<25%	ND(0.20) J	
						4-Methyl-2-pentanone	CCAL %D	30.4%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(0.10) J	
						Acetonitrile	CCAL %D	35.6%	<25%	ND(0.10) J	
						Bromomethane	CCAL %D	33.2%	<25%	ND(0.0020) J	
						Methacrylonitrile	CCAL %D	43.6%	<25%	ND(0.0050) J	
6D0P198	114B-R	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(2.0) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(0.10) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.10) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(0.050) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(0.050) J	
6D0P198	16A	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(200) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(10) J	
						Acetone	CCAL %D	26.8%	<25%	ND(10) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(5.0) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(5.0) J	
6D0P198	16B-R	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(0.010) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.010) J	
						Benzene	MS/MSD %R	0.0%, 0.0%	76% to 127%	0.012 J	
						Benzene	MS/MSD RPD	33.1%	<11%	0.012 J	
						Chlorobenzene	MS/MSD %R	0.0%, 0.0%	75% to 130%	0.051 J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(0.0050) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(0.0050) J	
6D0P198	39B-R	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(200) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(10) J	
						Acetone	CCAL %D	26.8%	<25%	ND(10) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(5.0) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(5.0) J	
6D0P198	39D-R	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(0.010) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.010) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(0.0050) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(0.0050) J	
6D0P198	39E	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(0.010) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.010) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(0.0050) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(0.0050) J	
6D0P198	TRIP BLANK	4/20/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(0.010) J	

TABLE F - 1
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GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
6D0P198	TRIP BLANK	4/20/2006	Water	Tier II	Yes	Acetone	CCAL %D	26.8%	<25%	ND(0.010) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(0.0050) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(0.0050) J	
6D0P266	111A-R	4/24/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P266	GMA-DUP-5	4/24/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	111A-R
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P266	TRIP BLANK	4/24/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P303	111B-R	4/25/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						1,1-Dichloroethene	MS/MSD RPD	16.0%	<14%	ND(0.0010) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Trichloroethene	MS/MSD RPD	35.0%	<14%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P303	90A	4/25/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	39.2%	<25%	ND(0.010) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.010) J	
						Methacrylonitrile	CCAL %D	36.8%	<25%	ND(0.0050) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	35.2%	<25%	ND(0.0050) J	
6D0P303	90B	4/25/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	

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GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
6D0P303	90B	4/25/2006	Water	Tier II	Yes	Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P332	16C-R	4/26/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P332	82B-R	4/26/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P332	95B-R	4/26/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	Yes	1,2-Dichloroethane	CCAL %D	28.4%	<25%	ND(0.0050) J	95B-R
						1,4-Dioxane	CCAL RRF	0.004	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	34.0%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.043	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	27.5%	<25%	ND(0.10) J	
						Acrylonitrile	CCAL %D	39.2%	<25%	ND(0.0050) J	
						Carbon Disulfide	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	43.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	43.2%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	26.4%	<25%	ND(0.0050) J	
						Vinyl Acetate	CCAL %D	29.2%	<25%	ND(0.0050) J	
6E0P021	54B-R	4/28/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	CCAL %D	32.8%	<25%	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(0.10) J	
						Ethyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	30.8%	<25%	ND(0.0050) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J	
6E0P034	95A	5/1/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						Acetonitrile	CCAL %D	32.8%	<25%	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.039	>0.05	ND(0.10) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
6E0P034	95A	5/1/2006	Water	Tier II	Yes	Ethyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Methacrylonitrile	CCAL %D	30.8%	<25%	ND(0.0050) J	
						Methyl Methacrylate	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J	
6E0P041	89A	5/2/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(1.0) J	
						2-Hexanone	CCAL %D	27.2%	<25%	ND(1.0) J	
						Acetonitrile	CCAL RRF	0.045	>0.05	ND(1.0) J	
						Methacrylonitrile	CCAL %D	27.6%	<25%	ND(1.0) J	
						Trichlorofluoromethane	CCAL %D	46.8%	<25%	ND(1.0) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(1.0) J	
6E0P041	89B	5/2/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	27.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.045	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	27.6%	<25%	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	46.8%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.010) J	
6E0P041	89D-R	5/2/2006	Water	Tier II	Yes	1,4-Dioxane	CCAL RRF	0.003	>0.05	ND(0.20) J	
						2-Hexanone	CCAL %D	27.2%	<25%	ND(0.10) J	
						Acetonitrile	CCAL RRF	0.045	>0.05	ND(0.10) J	
						Methacrylonitrile	CCAL %D	27.6%	<25%	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	46.8%	<25%	ND(0.10) J	
						Vinyl Acetate	CCAL %D	26.8%	<25%	ND(0.10) J	
6E0P150	114A	5/9/2006	Water	Tier II	Yes	1,2-Dibromoethane	CCAL %D	26.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND(0.20) J	
						2-Hexanone	CCAL %D	56.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	41.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.042	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	63.2%	<25%	ND(0.0020) J	
						Ethyl Methacrylate	CCAL %D	44.0%	<25%	ND(0.0050) J	
						Isobutanol	CCAL %D	34.0%	<25%	ND(0.10) J	
						Methyl Methacrylate	CCAL %D	48.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	62.4%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0050) J	
6E0P150	TRIP BLANK	5/9/2006	Water	Tier II	Yes	1,2-Dibromoethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND(0.20) J	
						2-Hexanone	CCAL %D	56.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	41.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.042	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	63.2%	<25%	ND(0.0020) J	
						Ethyl Methacrylate	CCAL %D	44.0%	<25%	ND(0.0050) J	
						Isobutanol	CCAL %D	34.0%	<25%	ND(0.10) J	
						Methyl Methacrylate	CCAL %D	48.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	62.4%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0050) J	
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	Yes	1,2-Dibromoethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND(0.20) J	
						2-Hexanone	CCAL %D	56.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	41.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.042	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	63.2%	<25%	ND(0.0020) J	
						Ethyl Methacrylate	CCAL %D	44.0%	<25%	ND(0.0050) J	
						Isobutanol	CCAL %D	34.0%	<25%	ND(0.10) J	
						Methyl Methacrylate	CCAL %D	48.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	62.4%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0050) J	
6E0P177	115A	5/10/2006	Water	Tier II	Yes	1,2-Dibromoethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND(0.20) J	
						2-Hexanone	CCAL %D	56.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	41.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.042	>0.05	ND(0.10) J	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
6E0P177	115A	5/10/2006	Water	Tier II	Yes	Bromomethane	CCAL %D	63.2%	<25%	ND(0.0020) J	
						Ethyl Methacrylate	CCAL %D	44.0%	<25%	ND(0.0050) J	
						Isobutanol	CCAL %D	34.0%	<25%	ND(0.10) J	
						Methyl Methacrylate	CCAL %D	48.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	62.4%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0050) J	
6E0P177	115B	5/10/2006	Water	Tier II	Yes	1,2-Dibromoethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND(0.20) J	
						2-Hexanone	CCAL %D	56.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	41.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.042	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	63.2%	<25%	ND(0.0020) J	
						Ethyl Methacrylate	CCAL %D	44.0%	<25%	ND(0.0050) J	
						Isobutanol	CCAL %D	34.0%	<25%	ND(0.10) J	
						Methyl Methacrylate	CCAL %D	48.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	62.4%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0050) J	
6E0P177	TRIP BLANK	5/10/2006	Water	Tier II	Yes	1,2-Dibromoethane	CCAL %D	25.6%	<25%	ND(0.0010) J	
						1,4-Dioxane	ICAL RRF	0.004	>0.05	ND(0.20) J	
						1,4-Dioxane	CCAL %D	25.8%	<25%	ND(0.20) J	
						2-Hexanone	CCAL %D	56.0%	<25%	ND(0.010) J	
						4-Methyl-2-pentanone	CCAL %D	41.2%	<25%	ND(0.010) J	
						Acetonitrile	CCAL RRF	0.042	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	63.2%	<25%	ND(0.0020) J	
						Ethyl Methacrylate	CCAL %D	44.0%	<25%	ND(0.0050) J	
						Isobutanol	CCAL %D	34.0%	<25%	ND(0.10) J	
						Methyl Methacrylate	CCAL %D	48.0%	<25%	ND(0.0050) J	
						Propionitrile	CCAL %D	62.4%	<25%	ND(0.010) J	
						Vinyl Acetate	CCAL %D	31.6%	<25%	ND(0.0050) J	
SVOCs											
6D0P184	2A	4/19/2006	Water	Tier II	No						
6D0P198	16A	4/20/2006	Water	Tier II	No						
6D0P198	39B-R	4/20/2006	Water	Tier II	No						
6D0P303	111B-R	4/25/2006	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	57.2%	<25%	ND(0.010) J	
						1,3-Dinitrobenzene	CCAL %D	25.5%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	42.4%	<25%	ND(0.010) J	
						1-Naphthylamine	CCAL %D	25.5%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	26.2%	<25%	ND(0.010) J	
						2,4-Dinitrotoluene	CCAL %D	25.1%	<25%	ND(0.010) J	
						2,6-Dichlorophenol	CCAL %D	31.1%	<25%	ND(0.010) J	
						2,6-Dinitrotoluene	CCAL %D	25.3%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	31.1%	<25%	ND(0.050) J	
						3-Methylcholanthrene	CCAL %D	26.1%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	56.9%	<25%	ND(0.010) J	
						Aramite	CCAL %D	52.2%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.013	>0.05	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	28.1%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL %D	98.3%	<25%	ND(0.020) J	
						Hexachlorophene	CCAL RRF	0.002	<25%	ND(0.020) J	
						Isosafrole	CCAL %D	123.1%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	42.0%	<25%	ND(0.010) J	
						Pentachloronitrobenzene	CCAL %D	32.8%	<25%	ND(0.010) J	
						Safrole	CCAL %D	32.3%	<25%	ND(0.010) J	
6D0P332	54B-R	4/26/2006	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	59.9%	<25%	ND(0.010) J	Use Original Analysis
						1,4-Naphthoquinone	CCAL %D	34.8%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	

TABLE F - 1
ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
6D0P332	54B-R	4/26/2006	Water	Tier II	Yes	2,4-Dinitrotoluene	CCAL %D	26.6%	<25%	ND(0.010) J	
						2,6-Dichlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2,6-Dinitrotoluene	CCAL %D	27.8%	<25%	ND(0.010) J	
						2-Chlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2-Methylphenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						2-Nitrophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						3-Methylcholanthrene	CCAL %D	35.8%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						4-Nitrophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.013	>0.05	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.5%	<25%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	36.1%	<25%	ND(0.0060) J	
						Butylbenzylphthalate	CCAL %D	34.9%	<25%	ND(0.010) J	
						Dimethoate	CCAL %D	99.9%	<25%	ND(0.050) J	
						Hexachlorophene	CCAL %D	81.6%	<25%	ND(0.020) J	
						Hexachlorophene	CCAL RRF	0.019	>0.05	ND(0.020) J	
						Isosafrole	CCAL %D	123.0%	<25%	ND(0.010) J	
						Kepone	CCAL %D	91.1%	<25%	ND(0.050) J	
						Kepone	CCAL RRF	0.000	>0.05	ND(0.050) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Parathion	CCAL %D	26.0%	<25%	ND(0.010) J	
						Pentachlorobenzene	CCAL %D	26.1%	<25%	ND(0.010) J	
						Pentachlorophenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						Phenol	Surrogate Recovery Acid	10.0%, 9.3%	21% to 100%, 10% to 94%	R	
						Pronamide	CCAL %D	26.5%	<25%	ND(0.010) J	
						Safrole	CCAL %D	29.8%	<25%	ND(0.010) J	
						Sulfotep	CCAL %D	47.7%	<25%	ND(0.010) J	
6D0P332	82B-R	4/26/2006	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	59.9%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	34.8%	<25%	ND(0.010) J	
						2,4-Dinitrotoluene	CCAL %D	26.6%	<25%	ND(0.010) J	
						2,6-Dinitrotoluene	CCAL %D	27.8%	<25%	ND(0.010) J	
						3-Methylcholanthrene	CCAL %D	35.8%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.013	>0.05	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.5%	<25%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	36.1%	<25%	ND(0.0060) J	
						Butylbenzylphthalate	CCAL %D	34.9%	<25%	ND(0.010) J	
						Dimethoate	CCAL %D	99.9%	<25%	ND(0.050) J	
						Hexachlorophene	CCAL %D	81.6%	<25%	ND(0.020) J	
						Hexachlorophene	CCAL RRF	0.019	>0.05	ND(0.020) J	
						Isosafrole	CCAL %D	123.0%	<25%	ND(0.010) J	
						Kepone	CCAL %D	91.1%	<25%	ND(0.050) J	
						Kepone	CCAL RRF	0.000	>0.05	ND(0.050) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Parathion	CCAL %D	26.0%	<25%	ND(0.010) J	
						Pentachlorobenzene	CCAL %D	26.1%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	26.5%	<25%	ND(0.010) J	
						Safrole	CCAL %D	29.8%	<25%	ND(0.010) J	
						Sulfotep	CCAL %D	47.7%	<25%	ND(0.010) J	
6D0P332	95B-R	4/26/2006	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	59.9%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	34.8%	<25%	ND(0.010) J	
						2,4-Dinitrotoluene	CCAL %D	26.6%	<25%	ND(0.010) J	
						2,6-Dinitrotoluene	CCAL %D	27.8%	<25%	ND(0.010) J	
						3-Methylcholanthrene	CCAL %D	35.8%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.5%	<25%	ND(0.020) J	

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ANALYTICAL DATA VALIDATION SUMMARY
GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
6D0P332	95B-R	4/26/2006	Water	Tier II	Yes	Benzidine	CCAL RRF	0.013	>0.05	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.5%	<25%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	36.1%	<25%	ND(0.0060) J	
						Butylbenzylphthalate	CCAL %D	34.9%	<25%	ND(0.010) J	
						Dimethoate	CCAL %D	99.9%	<25%	ND(0.050) J	
						Hexachlorophene	CCAL %D	81.6%	<25%	ND(0.020) J	
						Hexachlorophene	CCAL RRF	0.019	>0.05	ND(0.020) J	
						Isosafrole	CCAL %D	123.0%	<25%	ND(0.010) J	
						Kepone	CCAL %D	91.1%	<25%	ND(0.050) J	
						Kepone	CCAL RRF	0.000	>0.05	ND(0.050) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Parathion	CCAL %D	26.0%	<25%	ND(0.010) J	
						Pentachlorobenzene	CCAL %D	26.1%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	26.5%	<25%	ND(0.010) J	
						Safrole	CCAL %D	29.8%	<25%	ND(0.010) J	
						Sulfotep	CCAL %D	47.7%	<25%	ND(0.010) J	
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	59.9%	<25%	ND(0.010) J	95B-R
						1,4-Naphthoquinone	CCAL %D	34.8%	<25%	ND(0.010) J	
						2,4-Dinitrotoluene	CCAL %D	26.6%	<25%	ND(0.010) J	
						2,6-Dinitrotoluene	CCAL %D	27.8%	<25%	ND(0.010) J	
						3-Methylcholanthrene	CCAL %D	35.8%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	66.1%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.5%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.013	>0.05	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.5%	<25%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	36.1%	<25%	ND(0.0060) J	
						Butylbenzylphthalate	CCAL %D	34.9%	<25%	ND(0.010) J	
						Dimethoate	CCAL %D	99.9%	<25%	ND(0.050) J	
						Hexachlorophene	CCAL %D	81.6%	<25%	ND(0.020) J	
						Hexachlorophene	CCAL RRF	0.019	>0.05	ND(0.020) J	
						Isosafrole	CCAL %D	123.0%	<25%	ND(0.010) J	
						Kepone	CCAL %D	91.1%	<25%	ND(0.050) J	
						Kepone	CCAL RRF	0.000	>0.05	ND(0.050) J	
						Methapyrilene	CCAL %D	31.8%	<25%	ND(0.010) J	
						Methyl Parathion	CCAL %D	26.0%	<25%	ND(0.010) J	
						Pentachlorobenzene	CCAL %D	26.1%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	26.5%	<25%	ND(0.010) J	
						Safrole	CCAL %D	29.8%	<25%	ND(0.010) J	
						Sulfotep	CCAL %D	47.7%	<25%	ND(0.010) J	
6E0P034	95A	5/1/2006	Water	Tier II	No						
6E0P041	89A	5/2/2006	Water	Tier II	No						
6E0P041	89B	5/2/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	55.1%	<25%	ND(0.010) J	
						1,4-Naphthoquinone	CCAL %D	43.8%	<25%	ND(0.010) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	26.8%	<25%	ND(0.010) J	
						2-Nitroaniline	CCAL %D	31.6%	<25%	ND(0.050) J	
						3-Methylcholanthrene	CCAL %D	27.8%	<25%	ND(0.010) J	
						4-Nitrophenol	CCAL %D	34.8%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.029	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	77.9%	<25%	ND(0.010) J	
						Aramite	CCAL %D	35.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	90.3%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.016	>0.05	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	30.8%	<25%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	34.8%	<25%	ND(0.0060) J	
						Butylbenzylphthalate	CCAL %D	31.2%	<25%	ND(0.010) J	
						Hexachlorophene	CCAL %D	88.1%	<25%	ND(0.020) J	
						Hexachlorophene	CCAL RRF	0.012	>0.05	ND(0.020) J	
						Isosafrole	CCAL %D	115.4%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	34.4%	<25%	ND(0.010) J	
						Methyl Methanesulfonate	CCAL %D	42.9%	<25%	ND(0.010) J	
						Safrole	CCAL %D	31.9%	<25%	ND(0.010) J	

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GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Herbicides											
6D0P332	82B-R	4/26/2006	Water	Tier II	No						
6D0P332	95B-R	4/26/2006	Water	Tier II	No						
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	No						95B-R
6E0P021	54B-R	4/28/2006	Water	Tier II	No						
Pesticides											
6D0P332	82B-R	4/26/2006	Water	Tier II	No						
6D0P332	95B-R	4/26/2006	Water	Tier II	No						
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	No						95B-R
6E0P021	54B-R	4/28/2006	Water	Tier II	Yes	4,4'-DDD	CCAL %D	16.7%	<15%	ND(0.00010) J	
PCDDs/PCDFs											
6D0P303	111B-R	4/25/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	No						
G135-68	95B-R	5/31/2006	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Water)	108.3%	>30%	0.000000025 J	
						HxCDFs (total)	Field Duplicate RPD (Water)	200.0%	>30%	0.000000023 J	
						OCDD	Field Duplicate RPD (Water)	97.7%	>30%	0.000000017 J	
						OCDF	Field Duplicate RPD (Water)	89.5%	>30%	0.000000018 J	
						PeCDFs (total)	Method Blank	-	-	ND(0.0000000024)	
G135-68	GMA-DUP-6	5/31/2006	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Water)	108.3%	>30%	0.0000000073 J	95B-R
						HxCDFs (total)	Field Duplicate RPD (Water)	200.0%	>30%	ND(0.0000000024) J	
						OCDD	Field Duplicate RPD (Water)	97.7%	>30%	0.0000000058 J	
						OCDF	Field Duplicate RPD (Water)	89.5%	>30%	0.000000048 J	
G135-72	54B-R	6/1/2006	Water	Tier II	No						
G135-72	82B-R	6/1/2006	Water	Tier II	No						
Cyanides											
6D0P303	111B-R	4/25/2006	Water	Tier II	No						
6D0P303	111B-R (Filtered)	4/25/2006	Water	Tier II	No						
6D0P332	54B-R	4/26/2006	Water	Tier II	No						
6D0P332	54B-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	82B-R	4/26/2006	Water	Tier II	No						
6D0P332	82B-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	95B-R	4/26/2006	Water	Tier II	No						
6D0P332	95B-R (Filtered)	4/26/2006	Water	Tier II	No						
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	No						95B-R
6D0P332	GMA-DUP-6 (Filtered)	4/26/2006	Water	Tier II	No						95B-R (Filtered)
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1 (Filtered)	5/9/2006	Water	Tier II	No						
Sulfides											
6D0P303	111B-R	4/25/2006	Water	Tier II	No						
6D0P332	54B-R	4/26/2006	Water	Tier II	No						
6D0P332	82B-R	4/26/2006	Water	Tier II	No						
6D0P332	95B-R	4/26/2006	Water	Tier II	No						
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	No						95B-R
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	No						
Miscellaneous											
6D0P184	2A	4/19/2006	Water	Tier II	No						
6D0P184	43A	4/19/2006	Water	Tier II	No						
6D0P184	43B	4/19/2006	Water	Tier II	No						
6D0P198	114B-R	4/20/2006	Water	Tier II	No						
6D0P198	16A	4/20/2006	Water	Tier II	No						
6D0P198	16B-R	4/20/2006	Water	Tier II	No						
6D0P198	39B-R	4/20/2006	Water	Tier II	No						
6D0P198	39D-R	4/20/2006	Water	Tier II	No						
6D0P198	39E	4/20/2006	Water	Tier II	No						
6D0P266	111A-R	4/24/2006	Water	Tier II	Yes	Sulfate (turbidimetric)	Field Duplicate RPD (Water)	43.2%	<30%	120 J	
6D0P266	GMA-DUP-5	4/24/2006	Water	Tier II	Yes	Sulfate (turbidimetric)	Field Duplicate RPD (Water)	43.2%	<30%	76.0 J	111A-R
6D0P303	111B-R	4/25/2006	Water	Tier II	No						
6D0P303	90A	4/25/2006	Water	Tier II	No						
6D0P303	90B	4/25/2006	Water	Tier II	No						
6D0P332	16C-R	4/26/2006	Water	Tier II	No						
6D0P332	95B-R	4/26/2006	Water	Tier II	No						
6D0P332	GMA-DUP-6	4/26/2006	Water	Tier II	No						95B-R
6E0P034	95A	5/1/2006	Water	Tier II	No						
6E0P041	89A	5/2/2006	Water	Tier II	No						

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GROUNDWATER MANAGEMENT AREA 3 (GMA 3) SPRING 2006

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Miscellaneous (continued)											
6E0P041	89B	5/2/2006	Water	Tier II	No						
6E0P041	89D-R	5/2/2006	Water	Tier II	No						
6E0P150	114A	5/9/2006	Water	Tier II	No						
6E0P152	GMA-3-RB-1	5/9/2006	Water	Tier II	No						
6E0P177	115A	5/10/2006	Water	Tier II	No						
6E0P177	115B	5/10/2006	Water	Tier II	No						
G135-68	16C-R	5/31/2006	Water	Tier II	No						
G135-68	95B-R	5/31/2006	Water	Tier II	No						
G135-68	GMA-DUP-6	5/31/2006	Water	Tier II	No						95B-R
G135-68	Trip Blank	5/31/2006	Water	Tier II	No						