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Transmitted Via Overnight Courier

February 27, 2008

Mr. Richard Fisher
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EPA - New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

**Re: GE-Pittsfield/Housatonic River Site
Groundwater Management Area 1 (GEC310)
NAPL Monitoring Report for Fall 2007**

Dear Mr. Fisher:

In accordance with GE's approved *Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area* (September 2000), enclosed is the *Plant Site 1 Groundwater Management Area NAPL Monitoring Report for Fall 2007*. This report summarizes and presents the results of activities performed from July through December 2007, related to the monitoring and recovery of non-aqueous phase liquid (NAPL) at the Plant Site 1 Groundwater Management Area (GMA 1) and discusses proposed modifications to certain NAPL monitoring activities.

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

Sincerely,

Richard W. Gates
Remediation Project Manager

Enclosure

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**General Electric Company
Pittsfield, Massachusetts**

**Groundwater Management Area 1
NAPL Monitoring Report for
Fall 2007**

February 2008

ARCADIS

**Groundwater Management Area 1
NAPL Monitoring Report for
Fall 2007**

(Fall 2007 GMA 1 NAPL Monitoring
Report)

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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 are included within the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the RAAs at and near the GE Pittsfield facility have been divided into five separate Groundwater Management Areas (GMAs). 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 monitoring and recovery of NAPL at the Plant Site 1 Groundwater Management Area, also known as and referred to herein as GMA 1.

In September 2000, GE submitted a Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area (GMA 1 Baseline Monitoring Proposal). That proposal summarized the hydrogeologic information available at that time for GMA 1 and proposed groundwater and NAPL monitoring activities (incorporating, as appropriate, those activities in place at that time) for the baseline monitoring period at this GMA. EPA conditionally approved the GMA 1 Baseline Monitoring Proposal by letter of March 20, 2001. Since their initiation, the groundwater quality and NAPL monitoring programs have been modified several times (with EPA approval), including modifications based on proposals contained in GE's semi-annual groundwater and NAPL monitoring reports, update letters from GE to EPA, or EPA's letters conditionally approving the semi-annual reports.

As part of its NAPL monitoring program, GE is required to submit semi-annual reports summarizing the NAPL monitoring/ recovery results and related activities and, on an annual basis (in the fall semi-annual reports), to evaluate the NAPL monitoring/recovery program and propose modifications to optimize NAPL recovery operations, as appropriate. This Plant Site 1 Groundwater Management Area NAPL Monitoring Report for Fall 2007 (Fall 2007 NAPL Monitoring Report) summarizes and presents the results of the NAPL-related activities performed at GMA 1 from July 2007 through December 2007. Based on review of the existing information, this document also provides assessments of the overall

effectiveness of NAPL recovery operations at GMA 1 and includes a description of new and previously-submitted proposals to modify certain NAPL recovery activities, based on the results of those assessments. Non-NAPL-related groundwater quality monitoring activities regarding GMA 1 are described in separate reports, the most recent of which was GE's January 2008 *Plant Site 1 Groundwater Management Area Groundwater Quality Monitoring Interim Report for Fall 2007*.

1.2 Program Overview

GE has performed NAPL monitoring and recovery activities for over 40 years at some portions of GMA 1, and the results of those activities have been documented in numerous reports prepared under MCP and the Resource Conservation and Recovery Act (RCRA) Corrective Action Programs prior to fall 2000, and under the CD thereafter. GE's NAPL recovery program at GMA 1 includes the operation of several automated hydraulic control and NAPL recovery systems and routine manual monitoring and recovery operations for light non-aqueous-phase liquid (LNAPL) and dense non-aqueous-phase liquid (DNAPL). The manual monitoring program includes a combination of weekly to semi-annual groundwater and NAPL thickness measurements and manual removal of NAPL if the observed thickness is greater than a location-specific criterion.

Approximately 250 monitoring wells were monitored across GMA 1 between July and December 2007. The specific NAPL monitoring and recovery activities performed at the various RAAs within GMA 1 in fall 2007 are discussed in more detail in Sections 3 and 4. GE, in addition to undertaking routine NAPL monitoring activities, also modified the groundwater elevation and NAPL monitoring/removal program to more efficiently meet the needs of the program. Those modifications were proposed in several documents submitted to EPA in 2006 and 2007, including:

- The *Groundwater Management Area 1 NAPL Monitoring Report for Fall 2006* (Fall 2006 NAPL Monitoring Report), submitted to EPA on February 27, 2007 and conditionally approved by EPA letter dated May 22, 2007.
- An *Addendum to the Groundwater Management Area 1 NAPL Monitoring Report for Fall 2006* (GMA 1 NAPL Fall 2006 Addendum), submitted to EPA on July 20, 2007, and conditionally approved by EPA in an October 10, 2007 letter.
- An *Evaluation of Additional Recovery Measures and Proposal to Install LNAPL Recovery Well – 60s Complex* (letter to EPA dated October 30, 2006 and conditionally approved by EPA letter dated January 10, 2007).

- A *Groundwater Elevation Assessment for Newell Street Area II Removal Action Area* (letter to EPA dated May 22, 2007, conditionally approved by EPA in an October 10, 2007 letter).
- The *Groundwater Management Area 1 NAPL Monitoring Report for Spring 2007* (Spring 2007 NAPL Monitoring Report) (conditionally approved by EPA in an October 10, 2007 letter).

1.3 Format of Document

The remainder of this report is presented in five sections. Section 2 provides a summary of pertinent background information concerning GMA 1, including descriptions of geologic conditions, the historical extent of NAPL, the active NAPL recovery systems, and the applicable NAPL-related Performance Standards under the CD. Section 3 provides an overview of GE's active groundwater and NAPL recovery systems and summarizes the recovery data from those systems. Section 4 presents the results of the fall 2007 NAPL monitoring/recovery activities at GMA 1. Section 5 contains an evaluation of the effectiveness of the current NAPL monitoring/recovery program at GMA 1. This section also contains a description of previously-approved program modifications that have yet to be implemented. Finally, Section 6 presents the schedule for future field and reporting activities related to NAPL monitoring and recovery in GMA 1.

2. Background Information

2.1 General

As discussed above, the CD and SOW provide for the performance of groundwater-related monitoring and NAPL removal activities at a number of GMAs. Some of these GMAs, including GMA 1, incorporate multiple RAAs to reflect the fact that groundwater may flow between RAAs. GMA 1 encompasses 11 RAAs and occupies an area of approximately 215 acres (Figure 1). Several of these RAAs are known to contain NAPL in the subsurface. The RAAs within GMA 1 include:

- RAA 1 - 40s Complex;
- RAA 2 - 30s Complex;
- RAA 3 - 20s Complex;
- RAA 4 - East Street Area 2-South;
- RAA 5 - East Street Area 2-North;
- RAA 6 - East Street Area 1-North;
- RAA 12 - Lyman Street Area;
- RAA 13 - Newell Street Area II;
- RAA 14 - Newell Street Area I;
- RAA 17 - Silver Lake Area; and
- RAA 18 - East Street Area 1-South

GMA 1 contains a combination of GE-owned and non-GE-owned industrial areas, residential properties, and recreational areas, including land formerly owned by GE that has been, or will be, transferred to the Pittsfield Economic Development Authority (PEDA) pursuant to the Definitive Economic Development Agreement (DEDA). The Housatonic River flows through the southern portion of this GMA, while Silver Lake is located along the western boundary. Certain portions of this GMA originally consisted of land associated with oxbows or low-lying areas of the Housatonic River. Re-channelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and the United States Army

Corps of Engineers (USACE) separated several of these oxbows and low-lying areas from the active course of the river. These oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the current surface elevations and topography.

The remainder of this section discusses pertinent background information concerning GMA 1, including a general description of the areas where NAPL is present, the types of NAPL found, and the applicable NAPL-related Performance Standards that must ultimately be achieved.

2.2 Hydrogeologic Framework

Over 500 monitoring wells and associated soil borings have been installed across GMA 1. Data collected at the time of soil boring/monitoring well installation (e.g., lithologic descriptions of the subsurface materials) and subsequent groundwater and NAPL monitoring at many of these locations have produced an extensive database of hydrogeologic information. Construction details of the GMA 1 wells monitored during fall 2007 are provided in Table 1. Although variations to the hydrogeologic setting within GMA 1 exist depending on the specific location and RAA, the available data support a general assessment of subsurface stratigraphy within GMA 1 and are sufficient for the purposes of this report. Relative to the presence of NAPL, there are two primary hydrogeologic units present throughout GMA 1 that are important to its extent, as briefly described below.

2.2.1 Geologic Overview

Unconsolidated Granular Deposits

This unit generally consists of heterogeneous fill materials overlying sands and gravels and is the upper unit within GMA 1. The sands and sandy gravels are well-sorted and were deposited as glacial outwash and/or in association with recent depositional processes within the Housatonic River. Isolated silty lenses and peat deposits may also be present locally, typically at depths corresponding to the bottom elevations of the river and the former oxbows. At certain locations within GMA 1, non-native fill materials are present above the natural granular deposits. The fill materials, where present, consist of sand, gravel, cinders, brick, glass, and other similar material.

The unconsolidated granular unit extends from ground surface to depths ranging from less than 5 feet (in the northern portion of GMA 1) to over 40 feet (in the southeastern corner of the GMA). The majority of the existing monitoring wells within GMA 1 are screened within this unit, as it is the upper and primary water-bearing unit within the GMA. Groundwater is encountered under unconfined conditions within this unit at depths between less than 3 feet

to over 25 feet below ground surface (bgs). Groundwater generally occurs at shallower depths near the Housatonic River and in the East Street Area 1-South RAA.

Glacial Till

The till unit underlies the granular deposits and consists of approximately 20 to at least 40 feet of dense silt containing varying amounts of clay, sand, and gravel. Discontinuous sandy lenses also have been identified in the till at the Lyman Street Area RAA in the southwestern portion of GMA 1. Till is encountered relatively close to the ground surface at the higher elevation areas in the East Street Area 2-North RAA and in parts of the East Street Area 1-South RAA, but is otherwise generally encountered at depths beginning between approximately 20 to 50 feet beneath the remainder of GMA 1. The top of till elevation contours are illustrated on Figure 2. As shown on that figure, the till surface generally descends from north to south, although erosional depressions and ridges are evident across the surface.

The glacial till unit is much less permeable than the overlying granular deposits and serves as a hydraulic barrier to downward groundwater flow and potential constituent migration. Wells installed within the till are generally located in the East Street Area 2-North RAA, where the till serves as the uppermost water-bearing unit. Additionally, numerous soil borings and monitoring wells throughout GMA 1 have also been drilled to intercept the granular deposit/till interface to monitor for the potential presence of DNAPL along this hydrogeologic interface.

Localized Aquitards

In addition to the primary hydrogeologic units discussed above, portions of GMA 1 also contain localized aquitards that appear to be relatively thin and discontinuous. These aquitards occur within the unconsolidated granular unit and are composed of low permeability material such as peat and silt. These units are likely associated with over bank flood events and/or stagnant bog areas located between meanders of the Housatonic River channel that existed prior to straightening of the channel. Since these silt and peat layers have relatively low permeability relative to the surrounding materials, they may act as localized hydraulic barriers that impede vertical migration of constituents in groundwater. DNAPL has been observed at the top of such layers in several monitoring wells in the Newell Street Area II RAA and in and adjacent to portions of the East Street Area 2-South RAA. The volume of DNAPL associated with these localized aquitards is relatively minor in comparison to DNAPL accumulations that are found within structural depressions in the top of the glacial till surface.

GE has developed representative geologic cross-sections across the primary GMA 1 NAPL areas that also incorporate information concerning the recent extent of NAPL in those areas. These figures are discussed in Section 2.3 below, in conjunction with the descriptions of the associated NAPL areas.

2.2.2 Groundwater Flow

Although variations occur in groundwater elevations at various wells or portions of GMA 1, overall groundwater flow patterns have remained relatively stable for several years. In general, groundwater flow is toward the Housatonic River from both the north and south, roughly mimicking surface topography. Other influences on groundwater flow include: Silver Lake; the recharge pond and slurry wall which are utilized to aid in hydraulic control efforts in East Street Area 2-South; and several groundwater/NAPL recovery systems which are pumped to induce hydraulic depressions in their vicinity. Groundwater flow conditions observed during fall 2007 display the typical patterns observed at GMA 1, and are discussed in more detail in Section 4.

2.3 Identification of Plant Site 1 NAPL Areas

The portions of GMA 1 where NAPL has been observed are discussed below. Figures 3 and 4 illustrate areas within GMA 1 that have been known to contain separate phase LNAPL or DNAPL, based on observations in monitoring wells. These figures represent a compilation of past investigations and show the maximum lateral extent of NAPL that has been observed and documented in prior GE reports, and are not indicative of current conditions. As discussed in Section 3 and 4, the extent of NAPL observed in fall 2007 is greatly reduced from that shown on Figures 3 and 4. Figures 5 through 9 contain cross-sections illustrating the vertical extent of NAPL at the primary NAPL areas within GMA 1 (East Street Area 2-South, Lyman Street Area, and Newell Street Area II). The locations of those cross-sections are shown on Figure 1. Figures 11 and 12 present the lateral extent of LNAPL and DNAPL, respectively, based on fall 2007 monitoring data.

This section also describes the active groundwater and NAPL recovery systems that are located in GMA 1. Each recovery system consists of one or more recovery wells or caissons that serve as a point of recovery of groundwater, LNAPL, and/or DNAPL.

2.3.1 20s, 30s, and 40s Complexes

40s Complex (RAA 1)

NAPL presence within this area is related to hydraulic oils that were present within hydraulic cylinders associated with elevators in former Buildings 42 and 43. In former Building 42, an approximate 220-gallon release of hydraulic oil occurred on March 5, 1997 from a freight elevator hydraulic cylinder. Following reporting of the release in March 1997, GE implemented activities to recover the residual hydraulic oils not collected immediately following the initial release and to assess the potential for further migration of the released oils within the environment. Collectively, these activities included the decommissioning of the freight elevator, conversion of the abandoned hydraulic cylinder into an oil recovery well, initiation and performance of oil recovery operations, and investigations to assess the potential for subsurface migration of oils released from the elevator shaft. Installation of a downgradient monitoring well was also completed. GE operated the automated oil recovery system through December 2003 and collected weekly data concerning the depth to water and thickness of oil (if present). In February 2004, with EPA approval, GE decommissioned the elevator shaft and recovery system (i.e., removed the recovery system and sealed the elevator shaft with cement/bentonite grout) in preparation for the demolition of Building 42, at which time the upper vault area and basement were backfilled with clean backfill materials.

In former Building 43, hydraulic fluid was observed on April 7, 2004, during a pre-demolition inspection of an inactive elevator inside the building. Specifically, LNAPL was observed in a cylindrical shaft extending below the basement floor surface. The shaft, which consisted of a 12-inch diameter hydraulic piston, housed within a 23-inch diameter protective casing, extended approximately 62 feet below the basement floor slab. PCBs were detected in LNAPL samples collected from the annular space between the piston and outer casing within the elevator shaft and submitted for laboratory analysis. No volatile organic compounds (VOCs) were detected in a laboratory sample analyzed for these compounds. From April 2004 until April 2005, a weekly monitoring program was implemented to monitor LNAPL thickness. Approximately 175 gallons of LNAPL were recovered from the elevator shaft cylinder shortly after the initial observation, after which no LNAPL other than a thin film was observed at this location. As proposed in GE's November 5, 2004 letter to EPA and MDEP, and approved by EPA, monitoring activities were discontinued at this location in April 2005 in preparation for the demolition of the portion of former Building 43 above the elevator shaft.

After removal of the demolition debris was completed in April 2006, GE removed, drained and properly disposed of the hydraulic piston. On May 1, 2006, following removal of the hydraulic piston, an LNAPL thickness of approximately 4 feet was measured in the

surrounding casing. GE informed EPA of these results and implemented a month-long program to measure and remove, as necessary, the LNAPL. For the first two weeks of this program, GE performed daily LNAPL monitoring and removal activities (if recoverable quantities of LNAPL were present) and on May 17, 2006, GE implemented a weekly program until May 31, 2006. Approximately 100 gallons of LNAPL were recovered from the hydraulic cylinder during the first week of this monitoring period, after which only a thin LNAPL film was observed. Therefore, it appears that the source of this second occurrence of LNAPL within the hydraulic cylinder was leakage from the hydraulic piston during removal activities and that all recoverable LNAPL was removed shortly after it was discovered. GE discussed the monitoring/LNAPL removal results with EPA and received verbal approval to complete the decommissioning of the elevator shaft on June 5, 2006. Shortly thereafter, GE sealed the elevator shaft with cement/bentonite grout up to the top of the hydraulic cylinder, leaving the upper vault area and basement to be backfilled with clean backfill materials in conjunction with the building demolition project.

30s Complex (RAA 2)

No separate phase NAPL has been detected in any monitoring wells in this RAA. Indications of the potential presence of NAPL were observed in a soil sample collected from a boring installed in December 2000 during the pre-design investigation at this RAA. In response to this observation, GE, with EPA concurrence, installed a monitoring well (GMA1-10) at this location and monitored the well for the presence of NAPL on a weekly basis for four months following its installation in June 2001. The monitoring frequency was reduced to monthly in October 2001, and further scaled back to quarterly in July 2002 (although this well and several others at the 30s Complex have been monitored on a monthly basis since July 2003 in conjunction with RD/RA activities at the Silver Lake area). Well GMA1-10 was decommissioned in December 2006 in preparation for upcoming redevelopment activities in this area.

NAPL was also observed in soil samples examined during the installation of replacement well RF-16R in December 2006, and a sheen was observed on water removed during development of the well. However, no measurable accumulations of NAPL have been detected in the well during subsequent monitoring activities. To date, separate phase NAPL has not been observed in any of the wells located within the 30s Complex, including well ES2-19, which was installed to monitor downgradient of the Building 42 elevator shaft hydraulic oil release discussed above.

20s Complex (RAA 3)

In the past, GE operated a tank farm area which was located in the eastern portion of the 20s Complex and utilized the area to the north of the 20s Complex in various manufacturing and storage capacities involving oil. A portion of the 20s Complex was also formerly utilized for coal-gas manufacturing and oil storage by the Berkshire Gas Company. LNAPL extends from East Street Area 2-North to East Street Area 2-South across the central to eastern portion of the 20s Complex. Although the extent of LNAPL in this area extends into the East Street Area 2-North RAA (discussed below), indicating an upgradient source, the former facilities located within the 20s Complex may also have released NAPL to the subsurface in the past.

2.3.2 East Street Area 2-North & South

East Street Area 2-South (RAA 4)

As shown on Figures 3 and 4, multiple areas and types of NAPL have been observed within various portions of this RAA, including an extension of the LNAPL which is present in East Street Area 2-North RAA and the 20s Complex RAA immediately north of East Street Area 2-South. Additional potential sources of LNAPL in the central to eastern portion of this area may include fill materials placed in Former Oxbow H and several facilities associated with the former Berkshire Gas Company coal-gas manufacturing and storage facility. LNAPL which is recovered from the automated recovery systems contains multiple constituents, typically including PCBs (primarily Aroclor 1260), polynuclear aromatic hydrocarbons (PAHs), chlorobenzene, ethylbenzene, toluene, and xylenes, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, among other constituents. Additionally, a small LNAPL pocket containing PAHs, chlorobenzene, and lesser quantities of PCBs (Aroclors 1254 and 1260) has been observed in the former Scrap Yard Area south of Building 64 (also referred to as the Materials Reclamation Area). LNAPL samples from two monitoring wells in this area (wells GMA1-15 and GMA1-16) were collected and analyzed in spring 2005. The results of that sampling were discussed in the Spring 2005 NAPL Monitoring Report.

Two types of DNAPL are present within this area: (1) Coal-tar DNAPL consisting primarily of PAHs (which are constituents associated with wastes from the former Berkshire Gas manufactured gas plant), as well as ethylbenzene, toluene, and xylenes, which have been observed within and along the eastern and western limbs of Former Oxbow H and beneath the Housatonic River; and (2) DNAPL containing PCBs (Aroclor 1260), along with chlorobenzene, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, which have been observed at scattered locations along Former Oxbow H, near Building 68, and other areas along the Housatonic River.

Figures 5 and 6 present hydrogeologic cross-sections prepared along the riverbank portion of East Street Area 2-South, including the results of NAPL observations made during the fall 2007 semi-annual monitoring event. The presence of DNAPL in certain low areas of the glacial till interface is evident on those figures.

East Street Area 2-North (RAA 5)

In the past, GE used portions of this area in various manufacturing operations, primarily the manufacture of electrical transformers and associated components. This area contained GE's primary transformer oil storage and distribution facilities. As a result, various oils (some containing PCBs) and other materials were released to the environment. The northern edge of the LNAPL plume which extends south across the 20s Complex and into East Street Area 2-South is located near the former location of Building 3C, and other isolated LNAPL occurrences have been observed to the east of this area, near Building 12Y, as shown on Figure 3. Prior to 1964, a portion of the GE facility referred to as the Building 12F Tank Farm was used for the storage of mineral oil dielectric fluid. LNAPL that has been observed in East Street Area 1-North (discussed below) may have originated from this former tank farm area. A small pocket of DNAPL, consisting primarily of PCBs (Aroclor 1260) and lesser amounts of 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, has also been observed near Building 12Y.

2.3.3 East Street Area 1-North & South

East Street Area 1-North (RAA 6)

As discussed above, LNAPL that may have migrated from the former Building 12F Tank Farm is present within the southern to central portion of this area. In addition, several underground storage tanks (USTs) were formerly utilized by prior property owners in the vicinity of Building 69, which is currently owned by GE. These USTs, which were removed prior to GE's purchase of the property in 1984, included a 10,000-gallon fuel tank (removed in 1960), a 5,000-gallon gasoline tank (removed in 1964), a 5,000-gallon diesel fuel tank (also removed in 1964), and a 1,000-gallon gasoline tank (removed in 1978). The removal permits for these non-GE owned USTs are on file with the City of Pittsfield Fire Department.

The LNAPL in this area contains relatively low levels of PCBs and is addressed by the Northside Recovery System. A physically separate LNAPL area has been observed to the east of this recovery system and extends south onto East Street Area 1-South.

East Street Area 1-South (RAA 18)

Two LNAPL areas have been documented in this RAA. The first and larger LNAPL area extends from north of East Street (in East Street Area 1-North) to slightly inside the boundary to East Street Area 1-South. This LNAPL is contained by the Southside Recovery System. The other area where PCB-containing LNAPL has been observed is to the west of the larger LNAPL zone, between the Northside and Southside Recovery Systems. PCB concentrations in this area have ranged from 4 to 122 ppm.

2.3.4 Lyman Street Area (RAA 12)

This area contains three of the 11 former oxbows or low-lying areas (Former Oxbows B, D, and E) of the Housatonic River which were filled in during the late 1930s and early 1940s as part of a joint program between the City of Pittsfield and the USACE to straighten the river channel and reduce flooding potential of the river. These oxbows were filled with materials originating from the GE facility, as well as other sources. LNAPL and DNAPL have been observed within and near Former Oxbow D, primarily beneath the Lyman Street parking lot in the eastern portion of this RAA, as illustrated on Figures 3 and 4. The chemical composition of the two NAPL types is similar, in that both contain varying levels of PCBs (Aroclor 1254), PAHs, chlorobenzene, ethylbenzene, toluene, xylenes, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, among other constituents.

Hydrogeologic cross-sections prepared through NAPL-bearing regions beneath the Lyman Street parking lot area are shown on Figures 7 and 8. As shown on Figure 7, LNAPL and DNAPL occur within close vertical proximity due to the relatively shallow depth of the till confining layer in this area.

2.3.5 Newell Street Area II (RAA 13)

Former Housatonic River Oxbows F and G are located within this RAA. DNAPL is present within Former Oxbow G and beneath the former Newell Street parking lot at the locations shown on Figure 4. This DNAPL consists primarily of PCBs (Aroclor 1254), with lesser amounts of PAHs (mostly naphthalene and 2-methylnaphthalene), 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, toluene, tetrachloroethene, trichloroethene, and xylenes.

DNAPL is present within two areas: an upper DNAPL perched on silty sand and peat deposits and a lower DNAPL located above the top of the glacial till present at depths of approximately 30 to 40 feet below grade. The deeper DNAPL represents, by far, the more significant accumulation and is subject to collection by the automated recovery systems. A hydrogeologic cross-section illustrating the vertical distribution of DNAPL beneath Newell Street Area II is presented on Figure 9.

An isolated occurrence of LNAPL containing PCBs (Aroclor 1254), along with minor amounts of naphthalene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and xylenes, and a measured specific gravity of approximately 0.9 has also been observed beneath the southern corner of the parking lot.

2.4 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 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. Those guidelines have been incorporated into GE's approved Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP).

3. Historical NAPL Monitoring and Recovery Activities

3.1 General

This section describes the active groundwater and NAPL recovery systems that are located in GMA 1 at the following RAAs: East Street Area 2-South, East Street Area 1-North, East Street Area 1-South, Lyman Street Area, and Newell Street Area II. Each recovery system consists of one or more recovery wells or caissons that serve as the point of collection for groundwater, LNAPL, and/or DNAPL.

Certain of these recovery systems are equipped with a groundwater extraction pump that is operated to create a cone of depression within the water table. The cone of depression created by the extraction pump results in a groundwater gradient towards the recovery system, drawing water and oil into the perforated collection laterals, wells, or caissons for subsequent removal. In addition to physically removing NAPL, these systems also serve to provide hydraulic control, limiting the migration of NAPL from this area.

Depending on the quantity of NAPL in a certain area, some of the recovery systems are equipped with a groundwater extraction pump as well as an oil recovery pump to facilitate NAPL recovery. The oil recovery pump draws oil from the free surface in a well or caisson. The collected NAPL is then pumped into temporary storage units near the recovery well prior to collection and proper disposal by GE.

The recovery systems are checked on a weekly basis to ensure that all pumps are functioning properly. As part of these routine maintenance activities, measurements of groundwater and NAPL levels are collected and removal volumes are documented. The data obtained are summarized in GE's monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site and serve as the basis for much of the discussion later in this report.

A brief description of each active recovery system within GMA 1 is provided in the following subsections. Boring logs and construction diagrams of the primary recovery systems are provided in Appendix A. Graphs illustrating overall historical NAPL recovery data from the GMA 1 RAAs are included in Appendix B, while groundwater and NAPL recoveries for the individual automated recovery systems are provided graphically in Appendices C and D for LNAPL and DNAPL recovery systems, respectively. Manual NAPL monitoring and recovery data for fall 2007 is tabulated in Appendix E (discussions of these manual NAPL recovery activities are included in Section 4). Appendix F contains data and graphs illustrating the efficiency of the East Street Area 2-South LNAPL recovery systems since 2000.

Condition No. 4 of EPA's June 20, 2003 conditional approval letter required GE to evaluate the efficiency (i.e., percentage of NAPL removed compared to total quantity of liquid removed) of the automated recovery systems at GMA 1. Consistent with prior NAPL monitoring reports submitted since that condition was implemented, this evaluation was performed for the primary East Street Area 2-South LNAPL recovery systems and those results are discussed below. NAPL recovery efficiency evaluations were limited to these systems for the following reasons:

1. The automated DNAPL recovery systems at GMA 1 do not remove groundwater, thus the efficiency is either 0% (during periods when no DNAPL is recovered) or 100% (when DNAPL is removed). These systems are best assessed by comparison of DNAPL recovery volumes to prior data.
2. The East Street Area 1-North and South recovery systems remove very little LNAPL in comparison to the amount of groundwater pumped as part of their hydraulic control functions. The "efficiency" of these systems is not properly measured in terms of the percentage of LNAPL recovered per unit of recovered groundwater, but in the degree of containment of LNAPL that the systems provide. Therefore, GE does not believe a detailed evaluation of the calculated efficiencies of these systems is appropriate.
3. Similar to the East Street Area 1-North and South recovery systems, the Lyman Street Area automated recovery systems do not remove significant quantities of LNAPL. In addition, the groundwater removal volumes from the three recovery systems in this area are tracked as a combined total, such that individual recovery well efficiencies cannot be calculated.
4. Finally, LNAPL recovery efficiencies were not assessed for certain recovery systems that are utilized solely as hydraulic control points (i.e., RW-2(X)) without any associated LNAPL recovery, or that employ LNAPL skimmers (i.e., well GMA1-17W) and do not remove groundwater as part of their operation.

The overall efficiency of each primary East Street Area 2-South automated recovery system since 2000 is presented in Section 3.2 below, while variations in efficiency during the current monitoring period are discussed in Section 5.2.1. Data and graphs illustrating the efficiency of the East Street Area 2-South LNAPL recovery systems are provided in Appendix F.

3.2 East Street Area 2-South

Nine active groundwater and NAPL recovery wells or caissons are present within East Street Area 2-South as illustrated on Figure 1. The recovery systems that are most important to LNAPL recovery and control are 64S, RW-1(S), 64V, RW-1(X), and RW-2(X). Two other recovery caissons (64X(W) and 64R) are generally pumped at lower rates to facilitate oil recovery, but are not utilized to provide hydraulic control. Additionally, an automated LNAPL removal skimmer system was installed in monitoring well GMA1-17 in fall 2007, which is located near Buildings 64G and 64T. This skimmer was installed as a replacement for a similar system in nearby well 40R, which was removed due to lack of recent productivity. A DNAPL recovery system is also present in well RW-3(X). Those recovery systems where active groundwater and NAPL recovery are currently being performed are described below. Construction details of these systems are included in Appendix A and automated recovery data for LNAPL and DNAPL are presented in Appendices C and D, respectively. Data and graphs illustrating the efficiency of the East Street Area 2-South LNAPL recovery systems are provided in Appendix F.

In addition, GE has installed an additional automated recovery system in the Former Scrapyard Area, as discussed in GE's October 30, 2006 proposal (conditionally approved by EPA in a letter dated January 10, 2007), and designated as well RW-4. The well was installed in July 2007 and the well construction and soil boring logs are included in Appendix A. This well was included in the monitoring program from August 8, 2007 until November 7, 2007 (see Appendix E), after which the well became inaccessible due to the construction of a new water transmission pipeline. The water transmission pipeline was completed and pressure tested in January 2008 and well pumping was also initiated in January 2008. The recovery system is currently being tested and will be online in early 2008.

Caisson 64R

Caisson 64 R is located approximately 350 feet south of East Street and 675 feet west of Newell Street, upgradient of Caisson 64V (discussed below) and the on-site recharge pond, as shown on Figure 1. Caisson 64R was installed in 1974 and consists of an 8-foot diameter caisson extending 24 feet bgs. The caisson is constructed of perforated steel pipe and includes a series of eight 8-inch oil collection laterals. Four of these horizontal laterals extend 150 feet in a southwestern direction and four extend 125 feet to the northeast. The laterals were installed at depths of 15.3 to 21.3 feet below grade.

Between May 1985 and November 1988, Caisson 64R was equipped with water-level and oil-level probes, a groundwater extraction pump, and a floating oil recovery pump for LNAPL removal. Approximately 79,000 gallons of NAPL were collected during this time period. Beginning in 1988, the 64V recovery system became operational and increased groundwater pumping into the nearby recharge pond subsequently took place. As a result, groundwater levels near the recharge pond (and within Caisson 64) increased above the elevation of the 64R collection laterals. Despite the operation of the groundwater depression pump, water levels in Caisson 64R consistently remained above the uppermost lateral, resulting in a decrease in LNAPL recovery efficiency. As a result, GE removed the groundwater depression pump in January 1989, and installed it in Caisson 64X(S) to improve oil recovery in that area. Periodic groundwater pumping from Caisson 64R resumed in July 1994. Since 1985, and through December 2007, a combined total of approximately 216,557 gallons of LNAPL have been removed from Caisson 64R and well 40R. LNAPL removed from Caisson 64R and well 40R (discussed below) had been tracked as a combined total since the installation of well 40R until November 2002. At that time, GE installed an inline flow meter in the NAPL removal piping of Caisson 64R. Since installation of the flow meter, approximately 17,172 gallons of LNAPL have been removed from Caisson 64R. As shown in Table F-2 of the Fall 2006 GMA 1 NAPL Monitoring Report, the actual LNAPL removal by Caisson 64R through fall 2006 was 16,340 gallons of LNAPL, although a total removal of 17,400 was erroneously reported in the text of that document. That corrected total was utilized in the removal calculation discussed above.

Since January 2000, a combined total of approximately 35,551 gallons of LNAPL and 39.2 million gallons of water have been removed from Caisson 64R and well 40R (all groundwater removal was from Caisson 64R), resulting in a combined LNAPL recovery efficiency of 0.091% for this system. Since separate LNAPL recovery tracking was initiated in November 2002, the LNAPL recovery efficiency for Caisson 64R has been 0.059%.

Well 40R

Well 40R is located approximately 350 feet south of East Street and 725 feet west of Newell Street, as shown on Figure 1. LNAPL in this area was previously removed from well 40, which consisted of a 2.5-inch PVC casing with a 2.5-inch PVC screen installed to a depth of 20 feet. An automated LNAPL removal system was installed in well 40 in September 1994 and operated until May 1995. To improve NAPL collection efficiency, well 40R was installed adjacent to well 40 in June 1995, and automated LNAPL recovery operations were relocated to the new well. As stated above, approximately 214,000 gallons of LNAPL have been removed from the 40/40R and 64R recovery systems through December 2005. Of this total, approximately 35,000 gallons can be specifically tracked to wells 40/40R during the period between October 1994 and January 1996. In November 2002, the 40R and 64R recovery systems were modified to record LNAPL collection data separately. As discussed

above, GE installed an inline flow meter in the NAPL removal piping of Caisson 64R. The NAPL contribution from well 40R was calculated by subtracting the inline flow data from the total volume recorded in the LNAPL holding tanks. Those data indicate that approximately 217 gallons of LNAPL were removed from well 40R from November 2002 through December 2002.

In the Spring 2005 NAPL Monitoring Report, GE proposed to remove the well 40R skimmer system and transfer it to nearby well GMA1-17W, since no LNAPL had been recovered from well 40R since January 2003. Following EPA approval of that proposal, automated LNAPL recovery from well 40R was discontinued in October 2006 and a new skimmer system was activated at well GMA1-17W. Well 40R was added to GE manual NAPL monitoring and recovery program as a monthly monitoring point.

Well GMA1-17W

Well GMA1-17W is located approximately 300 feet south of East Street and 850 feet west of Newell Street, as shown on Figure 1. An automated LNAPL recovery system consisting of a floating skimmer, pneumatic bladder pump, compressor and tank-full shut off was installed in this well and activated on October 5, 2006. LNAPL is pumped into a 30-gallon steel closed-top DOT-approved container. The complete system is housed in a secure weather proof hazardous materials hut with an approximate 125 gallon capacity sump for spill containment purposes. A liquid level detection shut down mechanism within the sump operates as a back-up to the drum full shut off control. The LNAPL storage container is removed and replaced every thirty days (at a maximum), or when full. Since activation in October 2006, the GMA1-17W skimmer system has removed approximately 96 gallons of LNAPL.

Caisson 64S

Caisson 64S is located approximately 370 feet south of East Street and 1,170 feet west of Newell Street, as shown on Figure 1. Caisson 64S was installed in 1974 and originally consisted of an 8-foot diameter caisson extending to a depth of 15 feet. The shallow depth of Caisson 64S limited the capture zone of the oil recovery system, so the caisson was deepened to 28.5 feet on November 13, 1997 utilizing 2-foot diameter augers. Installed inside the caisson is a 1-foot diameter stainless steel well casing with a 25-foot long, 1-foot diameter stainless steel slotted screen.

The original caisson is constructed of concrete and includes five sets of 8-inch collection laterals. The sets of horizontal laterals extend in the following directions: 125 feet northeast, 80 feet northeast, 100 feet north, 100 feet north, and 100 feet northwest. The laterals were installed at depths between 7.5 and 11 feet. Construction details of Caisson

64S, including the collection system modifications implemented in 1997 and 2002, are included in Appendix A. This recovery well was further modified by GE in September 2002, with the installation of a solid steel sleeve around the inner 1-foot well casing to a depth of approximately 19 feet. The purpose of this sleeve is to reduce turbulence due to cascading water from the upper collection laterals in this caisson. This will allow a deeper groundwater depression level in the caisson and enhance the cone of depression.

Shortly after installation of the sleeve, the groundwater depression level was successfully lowered from approximately 972 feet to 963 feet. However, this increased drawdown did not result in a corresponding increase in LNAPL recovery. In fact, no LNAPL was recovered during pumping from within the steel sleeve during the first several months following its installation. LNAPL recovery resumed in April 2003 after the pumping system was moved back into the outer caisson, even though the pumping level was raised back up to approximately 974 feet. As directed by EPA, GE purchased a second pump to place within the steel sleeve to allow pumping from both locations within this caisson. That pump was installed and dual pumping was initiated in early August 2003. The presence of LNAPL within the deeper sleeve was also documented at that time and LNAPL recovery volumes have increased since this modification.

Caisson 64S is equipped with dual water-level and oil-level probes (for both the inner and outer caisson sections), groundwater extraction pumps, and a floating oil recovery pump for LNAPL removal. Since 1983, approximately 257,900 gallons of LNAPL have been removed from Caisson 64S in conjunction with well RW-1(S). LNAPL removed from Caisson 64S and well RW-1(S) (discussed below) was tracked as a combined total since the installation of well RW-1(S) in 1998. In December 2002, the 64S and RW-1(S) recovery systems were modified to record LNAPL collection data separately. GE installed an inline flow meter in the NAPL removal piping of well RW-1(S) to identify the quantity of LNAPL being removed from that system. The NAPL contribution from Caisson 64S was calculated by subtracting the inline flow data from the total volume recorded in the LNAPL holding tanks. Utilizing this method, an LNAPL recovery of approximately 22,446 gallons has been tracked to Caisson 64S since the installation of the flow meter in December 2002.

Since January 2000 a combined total of approximately 49,050 gallons of LNAPL and 134 million gallons of water have been removed from Caisson 64S and well RW-1(S), resulting in a combined LNAPL recovery efficiency of 0.037% for this system. Since separate LNAPL recovery tracking was initiated in December 2002, the LNAPL recovery efficiency for Caisson 64S has been 0.054%.

Well RW-1(S)

Well RW-1(S) is located approximately 480 feet south of East Street and 1,400 feet west of Newell Street, as shown on Figure 1. Well RW-1(S) was put into operation in March 1998, and consists of a 1-foot diameter stainless steel well casing with a 1-foot diameter, 20-foot long, stainless steel slotted screen. The well was installed to a depth of 30 feet. Construction details of RW-1(S) are presented in Appendix A. Well RW-1(S) is equipped with a groundwater extraction pump and an oil recovery pump. The cone of depression created by the groundwater extraction pump is approximately 150 feet long and 100 feet wide. As discussed above, LNAPL removed from well RW-1(S) was combined with that from Caisson 64S until December 2002, when GE installed an inline flow meter in the NAPL removal piping of well RW-1(S). Since December 2002, approximately 3,162 gallons of LNAPL were removed from well RW-1(S). Small amounts of DNAPL (approximately 20 gallons since spring 1998) have also been periodically removed from this well.

As discussed above, the combined LNAPL recovery efficiency for the Caisson 64S and well RW-1(S) system since January 2000 is 0.037%. Since separate LNAPL recovery tracking was initiated in December 2002, the LNAPL recovery efficiency for well RW-1(S) has been 0.006%.

Caisson 64V

Caisson 64V is located approximately 200 feet north of the Housatonic River and 470 feet west of Newell Street, as shown on Figure 1. Caisson 64V has been in operation since April 1988, and extends to a depth of 30 feet. The caisson contains a 2-foot diameter stainless steel well casing with a 2-foot diameter, 20-foot long, stainless steel slotted screen. The caisson is located immediately upgradient from a subgrade slurry wall (discussed below) that provides additional physical containment and assists in the hydraulic control of LNAPL in the area.

Caisson 64V is equipped with water-level and oil-level probes, a groundwater extraction pump, and an oil recovery pump for LNAPL removal. The cone of depression around the caisson extends approximately 350 feet in an east to west direction and as far north as 200 feet. Since 1988, approximately 347,172 gallons of LNAPL have been removed from Caisson 64V. In addition to the LNAPL removal, DNAPL also periodically accumulates in the base of Caisson 64V and is removed by manual pumping. From 1997 to 1999, approximately 127 gallons of DNAPL were pumped from Caisson 64V. Since that time, approximately 15 gallons of DNAPL have been removed by this system. The LNAPL recovery efficiency for the Caisson 64V recovery system since January 2000 is 0.065%, based on an approximate LNAPL removal volume of 66,830 gallons and a groundwater removal volume of 102.4 million gallons during this timeframe.

Oil Recovery System 64X

Oil recovery system 64X was installed in 1974 and has been operating since 1985. The system consists of three Caissons: 64X(N), 64X(S), and 64X(W), as shown on Figure 1. Caisson 64X(N) is located approximately 160 feet north of the Housatonic River and 515 feet west of Newell Street. Caisson 64X(N) is approximately 9.5 feet in diameter and is installed to a depth of approximately 15 feet. Caisson 64X(S) is located approximately 60 feet north of the Housatonic River and 430 feet west of Newell Street. Caisson 64X(S) is 7 feet in diameter, extends to a depth of 20 feet, and includes a series of horizontal 8-inch diameter oil collection laterals to facilitate LNAPL removal. Caisson 64X(W) is located approximately 70 feet north of the Housatonic River and 530 feet west of Newell Street. Caisson 64X(W) is approximately 5 feet in diameter and is installed to a depth of approximately 17.5 feet. All three caissons are constructed with perforated steel pipe.

Oil collection laterals, which extend from depths of approximately 10 to 15 feet, are contained in a trench that extends between Caissons 64X(W) and 64X(S). The trench is approximately 3-feet wide and filled with gravel. The south (downgradient) wall of the trench, parallel to the riverbank, is lined with a 1-foot thick layer of clay and a high-density polyethylene liner to impede NAPL from flowing out of the trench.

Originally, the Caisson 64X oil recovery system contained oil recovery pumps and water-level and oil-level probes. The oil recovery pumps were upgraded with automatic timers in May 1988, and a groundwater extraction pump was installed in Caisson 64X(W) in January 1989 to lower the groundwater table. The groundwater extraction pump was removed in October 1993 when well RW-2(X) was installed. Groundwater pumping and automated LNAPL recovery were resumed at this well in August 1994. Although it is not necessary to pump groundwater from the 64X system to provide hydraulic control in this area, groundwater is removed from Caisson 64X(W) to facilitate enhanced LNAPL recovery.

Approximately 44,926 gallons of LNAPL have been removed from system 64X in conjunction with recovery well RW-1(X). The majority of LNAPL was collected between 1985 and 1987, solely from the 64X system. Until October 2002, LNAPL removed from the 64X system and well RW-1(X) (discussed below) was tracked as a combined total. Beginning at that time, GE recorded the NAPL volume in the holding tank before and after activation of the manually-operated NAPL removal pump at well RW-1(X) to identify the amount of LNAPL removed by that system. Subtraction of the manual removal from the total NAPL present in the holding tank volume yields the quantity of NAPL originating from the 64X system. Since October 2002, approximately 1,490 gallons of LNAPL have been recovered by recovery system 64X.

Since January 2000 a combined total of approximately 2,903 gallons of LNAPL and 93 million gallons of water have been removed from the 64X/RW-1(X) systems, resulting in a combined LNAPL recovery efficiency of 0.003%. Since separate LNAPL recovery tracking was initiated in October 2002, the LNAPL recovery efficiency for the 64X system has been 0.005%.

Well RW-1(X)

Well RW-1(X) is located approximately 70 feet north of the Housatonic River and 500 feet west of Newell Street, as shown on Figure 1. RW-1(X) was installed on November 25, 1992, and consists of an 8-inch diameter stainless steel well casing with an 8-inch diameter, 15-foot long, slotted stainless steel screen. The well extends to a depth of 24 feet. Pumping of the well was initiated on December 7, 1992.

RW-1(X) is equipped with a groundwater extraction pump and a manually-activated LNAPL recovery pump. The pumping of RW-1(X), coupled with RW-2(X) (discussed below), produces two overlapping cones of depression that provide hydraulic control near the riverbank and locally reverse the natural groundwater gradients so that groundwater flows toward the recovery well instead of the Housatonic River. Until October 2002, LNAPL removed from the 64X system (discussed above) and well RW-1(X) was tracked as a combined total. To determine the LNAPL contribution from well RW-1(X), GE has recorded the NAPL volumes in the common holding tank before and after activation of the NAPL removal pump. Since October 2002, approximately 60 gallons of NAPL were recovered by well RW-1(X).

As discussed above, the combined LNAPL recovery efficiency for the 64X/RW-1(X) systems since January 2000 is 0.003%. Since separate LNAPL recovery tracking was initiated in October 2002, the LNAPL recovery efficiency for well RW-1(X) has been 0.0002%.

Well RW-2(X)

Well RW-2(X) is located approximately 65 feet north of the Housatonic River and approximately 560 feet west of Newell Street, as shown on Figure 1. Well RW-2(X) was installed on October 27, 1993, and is constructed of an 8-inch diameter stainless steel well casing with an 8-inch diameter, 15-foot long, slotted stainless steel screen. The well extends to a depth of 24 feet. Pumping of well RW-2(X) began on November 12, 1993. RW-2(X) is equipped with a groundwater extraction pump that, along with the groundwater depression pump in well RW-1(X), provides hydraulic control near the riverbank and locally reverses the natural groundwater gradients (toward the river). A separate oil recovery

pump is not present in RW-2(X) since significant quantities of LNAPL have never accumulated in this well.

Well RW-3(X)

Well RW-3(X) is located approximately 65 feet north of the Housatonic River and 430 feet west of Newell Street, along the riverbank near the 64X recovery system, as shown on Figure 1. Well RW-3(X), installed on September 13, 1999, was constructed of a 6-inch diameter PVC riser and a 10-foot long, slotted PVC and stainless steel wire wrapped screen. The well extends to a depth of 47 feet. Well RW-3(X) was specifically designed to remove the coal-tar DNAPL present in the riverbank area. Initially, DNAPL accumulations were manually pumped from RW-3(X) until the construction of an automated pumping system was completed in June 2000. Approximately 4,891 gallons of DNAPL have been removed from well RW-3(X) since it was installed.

Well RW-4

Well RW-4 is located approximately 300 feet north of the Housatonic River in the Former Scrapyard Area, as shown on Figure 1. Well RW-4, installed on July 25, 2007, was constructed of a 12-inch diameter stainless steel riser and a 20-foot long, slotted stainless steel screen. The well extends to a depth of 30 feet. Well RW-4 was designed to remove LNAPL in the former scrapyard area as discussed in GE's October 30, 2006 *GMA 1 Evaluation of Additional Recovery Measures and Proposal to Install LNAPL Recovery Well – 60s Complex*, approved by EPA January 10, 2007. This well was monitored on a weekly basis from August 8, 2007 until November 7, 2007, when it became inaccessible during construction of a new water transmission pipeline. Although NAPL was observed in soil samples observed during installation of well RW-4, no LNAPL was detected in the well during the weekly monitoring rounds. The construction of an automated pumping system was completed in January 2008 and automated recovery operations were initiated on January 28, 2008. GE will assess the effectiveness of this well in future NAPL monitoring reports.

Additional Containment/Hydraulic Control Features

In addition to the active recovery systems at East Street Area 2-South, several physical barriers have been constructed to control groundwater flow and/or restrict NAPL migration. These features include a subgrade slurry wall, a groundwater recharge pond, and a series of sheetpile containment barriers.

The slurry wall is located to the east of the eastern limb of the former river oxbow in the southeastern portion of East Street Area 2-South and was installed in August 1987. This 350-linear foot, V-shaped slurry wall (extending approximately 200 feet to the east and 150 feet to the west of the center point) is completed to an average depth of 28 feet. Caisson 64V is located immediately upgradient of the center of the slurry wall, while the groundwater Recharge Pond is located to the west. In combination, these items provide physical containment of LNAPL and assist in the hydraulic control in the area. The 64X, RW-1(X), and RW-2(X) recovery systems are located downgradient of the slurry wall to recover LNAPL present between the slurry wall and the river.

Several sheetpile containment barriers are in place along the riverbank portion of East Street Area 2-South. The largest barrier, referred to as the 64X Area Sheetpile, is located along the riverbank near the eastern limb of the former oxbow. This barrier is approximately 400 feet long and extends to a depth of approximately 28 feet. This wall primarily serves to prevent LNAPL and shallow DNAPL migration toward the river, although the western portion of the barrier also impedes deeper DNAPL migration, as it is placed below the glacial till interface. It also provides a partial barrier to groundwater which is impeded by the wall and removed by the RW-1(X), RW-2(X), and 64X(W) pumping wells. Four smaller sheetpile containment barriers (Cell G1, Cell G2, Cell G3, and Cell J1) were constructed along the riverbank portion of East Street Area 2-South during the Upper ½-Mile Reach Removal Action to address observations of NAPL during excavation activities. These barriers range from approximately 90 to 120 feet in length and extend to depths between 21 and 30 feet below grade. The Cell G1 and Cell J1 barriers are keyed into the glacial till, while the Cell G2 and Cell G3 barriers terminate above the till interface. A series of monitoring wells, consisting of a perimeter well at each end of the barrier and a well behind the center of the barrier, were installed to monitor groundwater elevations and potential NAPL presence near each of these barriers. Finally, an approximately 130-foot sheetpile barrier extending into till to a depth of approximately 30 feet is located to the south of the 60s Complex. This barrier was installed in conjunction with remediation activities performed in the Building 68 Area.

Groundwater removed from the GMA 1 recovery systems is pumped to the Building 64G groundwater treatment facility for processing. After treatment, the majority of the water is discharged to the Housatonic River through NPDES-permitted Outfall 005. However, as part of GE's overall efforts to contain NAPL within the Site and to optimize NAPL recovery operations, a portion of the treated water discharged from the 64G facility is routed to GE's on-site recharge pond (located west of recovery well 64V). Discharge to this pond results in a higher groundwater elevation relative to the surrounding area, which serves as a hydraulic barrier to LNAPL migration. Since April 1988, the elevation of the recharge pond has been controlled via an "Electrogauge" level controller. Between April 1988 and October 1990, the elevation of the recharge pond was held at approximately 985 feet above mean sea level

(AMSL). In October 1990, the elevation of the recharge pond was reduced to 984 feet AMSL. In September 1994, the elevation of the pond was reduced again to 983 feet AMSL to decrease the size of the groundwater "mound," while still maintaining the necessary hydraulic barrier. Approximately 18.5 million gallons of water were removed by the GMA 1 recovery systems and sent to the Building 64G groundwater treatment facility for processing in fall 2007. Of this total, approximately 91 percent of the treated groundwater was discharged to the Housatonic River, while the remaining 9 percent was discharged to the recharge pond.

3.3 East Street Area 1-North & South

3.3.1 East Street Area 1-North

The Northside Recovery System is located on the north side of East Street, approximately 200 feet east of the intersection of Newell Street and East Street, as shown on Figure 1. This system was installed in 1979, and consists of a 6.75-foot diameter perforated steel caisson equipped with 22 six-inch diameter, 80-foot long perforated collection laterals (11 on the east side of the caisson and 11 on the west side). The laterals begin at a depth of 7.5 feet bgs and extend to 18.5 feet, and have a vertical collection range sufficient to intercept seasonal variations in the water table. Construction details for the Northside Recovery System are provided in Appendix A.

The Northside Recovery System is equipped with a groundwater extraction pump to create a cone of depression and an oil recovery pump to remove LNAPL from the groundwater surface. The Northside Recovery System discharges the pumped water to GE's Building 64G treatment facility located in East Street Area 2-South. Collected oil is removed from the caisson periodically by GE and properly disposed. Since 1980, the Northside Recovery System has removed approximately 1,211 gallons of LNAPL. LNAPL and groundwater recovery data for this system are included in Appendix C.

3.3.2 East Street Area 1-South

The Southside Recovery System is located on the south side of East Street, approximately 400 feet east of the intersection of Newell Street and East Street. This system was installed in 1986, and consists of a perforated, pre-cast, concrete caisson extending to a depth of 16 feet.

The Southside Recovery System is equipped with a groundwater extraction pump and an oil recovery pump and essentially operates in the same manner as the Northside Recovery System in East Street Area 1-North. The groundwater extraction pump induces a cone of depression in the local water table and the oil recovery device recovers LNAPL floating on top of the groundwater. Since 1986, approximately 550 gallons of LNAPL have been removed via the Southside Recovery System.

3.4 Lyman Street Area

Three active groundwater and NAPL recovery wells (RW-1R, RW-2, and RW-3) are located within the Lyman Street Area. In addition, one former recovery well (RW-1) was located in this area until it was decommissioned in fall 2007. The combined capture zone of these three wells extends over 350 feet along the edge of the Housatonic River, capturing and reversing groundwater flow in the vicinity. Together, these wells, in conjunction with a sheetpile barrier installed in July 2002, provide control in the prevention and abatement of bank seeps or sheens along the Housatonic River. Each of these recovery systems is described below.

Wells RW-1/RW-1R

Recovery well RW-1 is located approximately 50 feet north of the Housatonic River and 220 feet east of Lyman Street, as shown on Figure 1. RW-1 was installed on April 9, 1991, and was constructed of a 2-foot diameter stainless steel well casing with a 2-foot diameter, 10-foot long, slotted stainless steel screen installed to a depth of 18 feet. Active groundwater extraction was initiated on August 10, 1992.

Because of apparent well screen fouling, well RW-1 was replaced by well RW-1R for active LNAPL recovery purposes in September 1998 and was manually monitored until August 2007, when it was decommissioned (with EPA approval) in conjunction with soil Removal Actions and placement of an engineered barrier at the Lyman Street Area RAA. DNAPL accumulations have been periodically observed at the base of well RW-1 since shortly after its installation. Over 565 gallons of DNAPL have been manually removed from well RW-1 and properly disposed of by GE. Approximately two-thirds of this total was removed between 1992 and 1994.

Well RW-1R, located approximately 25 feet southeast of RW-1, consists of a 1-foot diameter stainless steel well casing with a 1-foot diameter, 10-foot long, slotted stainless steel wire wound screen extending to 20 feet. Construction details for well RW-1R are presented in Appendix A. RW-1R is equipped with automatic level sensors for NAPL and groundwater and a centrifugal pump for groundwater extraction. LNAPL is recovered using a surface-mounted gear pump and adjustable intake hose. LNAPL recovery measures are

initiated manually and NAPL is periodically removed by GE for proper disposal. Since September 1995, the extracted groundwater has been pumped directly to GE's Building 64G groundwater treatment plant for processing. Prior to that time, extracted groundwater was treated on site at a portable groundwater treatment facility. Since 1992, approximately 500 gallons of LNAPL have been removed from RW-1 and RW-1R.

Well RW-2

Well RW-2 is located approximately 40 feet north of the Housatonic River and 350 feet east of Lyman Street, as shown on Figure 1. This well was installed on November 5, 1992 to a depth of 22 feet, and is constructed of an 8-inch diameter stainless steel well casing with an 8-inch diameter, 10-foot long, slotted stainless steel screen. The well was activated on November 20, 1992. Well RW-2 is operated solely as a groundwater extraction well, as no NAPL has been observed in this well. It is equipped with an automatic groundwater level sensor and a centrifugal pump for groundwater extraction.

Well RW-3

RW-3 is located approximately 50 feet north of the Housatonic River and 70 feet east of Lyman Street, as shown on Figure 1. RW-3 was installed in July 1996, and is constructed of a 2-foot diameter stainless steel well casing with a 2-foot diameter, 11-foot long, slotted stainless steel screen. The well was activated on August 19, 1996.

RW-3 is equipped with automatic level sensors for NAPL and groundwater and a centrifugal pump for groundwater extraction/hydraulic control. LNAPL is recovered using a surface-mounted gear pump and adjustable intake hose. LNAPL recovery measures are similar to RW-1/RW-1R, in that they are initiated manually for subsequent removal and proper disposal. Extracted groundwater is pumped to the 64G groundwater treatment plant. Since 1996, approximately 2,190 gallons of LNAPL have been removed via well RW-3.

Additional Containment/Hydraulic Control Features

As part of the source control activities and Upper ½-Mile Reach Removal Action, a 400-foot long sheetpile containment barrier was constructed along the northern riverbank to the east of Lyman Street. This sheetpiling serves as a barrier to groundwater, LNAPL, and DNAPL migration, extends to a depth of approximately 23 feet below grade, and is keyed into the glacial till. Although all known occurrences of LNAPL are located to the north (upgradient) of the limits of the sheetpile barrier, DNAPL has also been detected at certain wells located to the west of the sheetpile barrier, including wells LSSC-07, LSSC-08I, and LSSC-16I.

3.5 Newell Street Area II

GE operated two automated DNAPL recovery systems (System 1 and System 2) within Newell Street Area II from 1999 until July 2005, when automated recovery operations were temporarily suspended (with EPA approval) to allow soil Removal Actions and placement of an engineered barrier to be conducted at the Newell Street Area II RAA (after the completion of which, as discussed below, GE resumed automated DNAPL recovery utilizing an upgraded recovery system). Each system was composed of multiple recovery wells installed to the top of the till confining unit and connected via common DNAPL collection systems. System 1 consisted of wells NS-15, NS-30, and NS-32 located near the western corner of the Newell Street parking lot, between 50 and 100 feet south of the Housatonic River. System 1 became operational on March 1, 1999. Approximately 2,280 gallons of DNAPL were removed by System 1 from 1999 until its shutdown in July 2005.

Originally, System 2 consisted of only well N2SC-01I, which was put into operation on July 15, 1999. Wells N2SC-02 and N2SC-03I were added to the recovery system on June 30, 2000, and well N2SC-14 was added to the system on July 10, 2000. Well N2SC-02 was removed from the recovery system in August 2003, based on the results of DNAPL recovery testing that showed a lack of DNAPL entering the well. From 1999 until its temporary shutdown in 2005, approximately 33,000 gallons of DNAPL were recovered via System 2. DNAPL recovery data are summarized in Appendix D.

In anticipating of the commencement of work on the Removal Action for Newell Street Area II, GE submitted a letter to EPA dated March 16, 2005 (conditionally approved by EPA in a letter dated May 2, 2005). In that letter, GE proposed that DNAPL recovery testing be conducted on each of the Newell Street Area II recovery wells to delineate potential modifications to optimize the recovery systems prior to the performance of Removal Actions and placement of an engineered barrier at the Newell Street Area II RAA. The results of that testing and specific proposals to take System 1 offline and upgrade System 2 were provided in letters to EPA dated June 7, 2005 and June 23, 2005. In particular, in an effort to reduce the number of wells penetrating the engineered barrier, GE proposed the abandonment of certain existing monitoring wells and DNAPL recovery wells, the permanent shutdown of automated DNAPL recovery System 1 (to be accompanied by the initiation of manual DNAPL monitoring on a periodic basis), and the reconfiguration of DNAPL recovery System 2. Specifically, at System 2, GE proposed a temporary shutdown during construction, followed by resumed DNAPL recovery operations at wells N2SC-14 and two new 6-inch diameter recovery wells located adjacent to, and to replace, wells N2SC-11 and N2SC-3I. GE also proposed to remove the current System 1 DNAPL collection piping and storage shed and consolidation of all future DNAPL collection and storage into the existing System 2 trailer. GE also proposed to continue manual DNAPL

removal at well N2SC-08. Those two letters were conditionally approved by EPA in a letter dated July 12, 2005.

The automated DNAPL recovery systems for Newell Street Area II were shut down on July 25, 2005 pursuant to EPA approval of GE's June 7, 2005 and June 23, 2005 proposals. Each system was disconnected from the associated recovery wells, the above-grade recovery system piping networks were drained and dismantled, and the System 1 control shed was removed. Two larger diameter replacement recovery wells (N2SC-1I(R) and N2SC-3I(R)) have been installed adjacent to former recovery wells N2SC-01I and N2SC-03I. Construction details for these wells are included in Appendix A. The new recovery system was completed and activated on August 30, 2006. Since activation in August 2006, approximately 2,136 gallons of DNAPL were removed by the upgraded System 2.

4. Fall 2007 NAPL Monitoring and Recovery Activities and Results

4.1 General

This section describes the results of the NAPL/groundwater elevation monitoring and NAPL recovery activities performed by GE within GMA 1 from July through December 2007 (henceforth referred to as fall 2007), including the October 2007 semi-annual monitoring event and other routine monitoring conducted during that period. These activities primarily include the operation of the GMA 1 automated NAPL and groundwater recovery systems, the routine measurement of groundwater elevations and NAPL thickness (if present), and the manual removal of NAPL if sufficient thickness is present. These activities were performed in accordance with GE's approved Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP).

The results of these activities are summarized below for each RAA within GMA 1. GE has also prepared several tables and figures to assist in the interpretation of the fall 2007 monitoring data. The tables show: the amounts of LNAPL and DNAPL, as well as groundwater, recovered from the automated recovery systems on a month-by-month basis in fall 2007 and for comparison, during the same time period in 2006 (Tables 3 and 4 for LNAPL and DNAPL, respectively); the seasonal groundwater elevation data and the type of monitoring (based on well screen placement) applicable to each well in fall 2007 (Table 5); a summary of the groundwater elevation and LNAPL/DNAPL thickness observations at each well within GMA 1 from which data was obtained during monitoring activities performed in fall 2007 (Table 6); and a summary of groundwater elevation and NAPL observation/recovery data obtained from all monitoring activities performed within GMA 1 in fall 2007 (Table 7). The figures present LNAPL and DNAPL recoveries in graphical form (Appendices B, C, and D); a groundwater elevation contour map based on the water table data collected during the fall 2007 semi-annual monitoring event (Figure 10); and the approximate extent of LNAPL and DNAPL within GMA 1 in fall 2007 (Figures 11 and 12, respectively). In addition, as directed by EPA in its November 14, 2006 conditional approval letter, GE has also included a detailed groundwater elevation contour map for the former scrapyard area near Building 68 (Figure 13). GE has also included a detailed groundwater elevation contour map for Newell Street Area II (Figure 14). The complete fall 2007 manual NAPL monitoring and recovery data set is provided in Appendix E, along with graphs illustrating groundwater elevations and NAPL thicknesses for selected representative GMA 1 wells.

It should be noted that in comparing the fall 2007 data with the fall 2006 data, the comparisons of groundwater elevation data were based on the water table data collected during the fall semi-annual monitoring events, while the NAPL recovery comparisons utilize the volumes recovered over the entire July-December periods of each year. These comparisons are discussed in the following sections.

Approximately one month prior to the semi-annual monitoring event, GE monitored all wells in these areas where the presence of NAPL was noted during the prior year and manually removed any NAPL that was present. During the actual semi-annual monitoring event, if NAPL was found in a well that was not addressed during the bailing round, GE removed the NAPL and returned to monitor the well a week later. The purpose of the bailing round 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 semi-annual 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.

Groundwater elevation contour maps prepared utilizing the fall 2007 semi-annual monitoring data from water table wells are presented on Figures 10, 13, and 14. Typical of results from prior monitoring events, overall groundwater flow patterns converge toward the Housatonic River from both the north and south, except where influenced by features such as Silver Lake, the recharge pond, or by recovery systems which are pumped to induce hydraulic depressions in their vicinity. The detailed groundwater elevation contour maps for the former scrapyard area near Building 68 (Figure 13) and for Newell Street Area II (Figure 14) show a flow pattern consistent with the overall GMA figure. Specifically, groundwater flow at each area is toward the Housatonic River. At the former scrapyard area, the groundwater gradient decreases significantly compared to the area immediately upgradient. A similar flattening of groundwater gradients when approaching the river is present at Newell Street Area II, but to a lesser extent than observed at the former scrapyard area.

Several monitoring wells scheduled to be gauged during the fall 2007 monitoring event could not be located or were visibly damaged. Although certain wells in GMA 1 had previously been decommissioned and certain other wells were known to have been destroyed, others appeared to have been buried during recent construction activities at the RAAs that comprise GMA 1. In November and/or December 2007, GE returned to the wells that had not been successfully monitored during the semi-annual monitoring event in order to assess the wells further and to make minor repairs, if necessary. Wells that still could not be located or repaired were designated for additional follow-up actions or have been proposed to be removed from the NAPL monitoring program, as discussed in Section 5.3 below.

On November 16, 2007, a bank inspection along the Housatonic River was conducted to examine the riverbank area adjacent to GMA 1 for the presence of NAPL seeps or sheens. Per Condition 2 of EPA's June 30, 2003 conditional approval letter, riverbank inspections are conducted on a semi-annual basis and after recession of a high flow event (i.e., greater than 1,000 cubic feet per second), as recorded at the Coltsville USGS gauging station. No such high flow events occurred in fall 2007. Therefore, the November 16, 2007 bank inspection was conducted to satisfy the semi-annual inspection requirement. No NAPL or NAPL-related seeps or sheens were observed during this inspection. A few isolated occurrences of iron staining were observed in organic-rich sediments at scattered locations along the riverbank south of Buildings 63 and 65. These observations have been made during prior riverbank inspections. The riverbank inspection results are documented in Appendix G.

4.2 East Street Area 2-North & South, 20s, 30s, and 40s Complexes

4.2.1 40s Complex

Given the relatively small size of the area and prior NAPL investigation results (i.e., NAPL occurrence limited to two former elevator shafts), well RF-4 is the only well within this area that is included in the NAPL monitoring program (subject to semi-annual monitoring). However, in fall 2007 (as in fall 2006), that well could not be located and data obtained from well 95-17, which was monitored to support RD/RA activities at the adjacent Silver Lake Area once again were utilized herein. Groundwater elevations were approximately 0.7 foot lower than those observed in fall 2006. The fall 2007 monitoring results are summarized in Tables 6 and 7 and the complete data set is included in Appendix E.

4.2.2 30s Complex

GE collected groundwater elevation data from six monitoring wells in the 30s Complex. Groundwater elevations were slightly lower (approximately 0.45 feet on average) in fall 2007 than were observed in this area during the prior fall. No NAPL was observed at any of the 30s Complex wells, including well ES2-19, which is located downgradient of the former Buildings 42 and 43 elevator shafts.

4.2.3 20s Complex

GE measured groundwater elevations and assessed the potential presence of LNAPL at 11 monitoring wells located within the 20s Complex during fall 2007. Groundwater elevations were lower (approximately 1.6 feet on average) in fall 2007 than were observed in this area during the prior fall. LNAPL was observed in monitoring wells CC, II, and U during the monitoring round, and in well Y during the bailing round only. For comparison, LNAPL was

observed in monitoring wells CC and Y during the fall 2006 semi-annual monitoring event and in monitoring well II during the bailing round in fall 2006. LNAPL was not observed in well U during fall 2006, but has been documented in that well on other occasions.

Each of the wells containing LNAPL was bailed prior to the fall semi-annual monitoring event. Approximately 0.005 gallon of LNAPL was removed from this area in fall 2007, compared to approximately 0.01 gallon of LNAPL which was removed from this area in fall 2006. The fall 2007 monitoring results for the 20s Complex are summarized in Table 7 and a detailed breakdown is provided in Appendix E.

4.2.4 East Street Area 2-South

Groundwater elevations at East Street Area 2-South in fall 2007 were, on average, approximately 0.97 feet lower than the elevations measured during the fall 2006 monitoring event. LNAPL was observed in 27 wells during the fall semi-annual monitoring event as listed in Table 6 and in six additional monitoring wells (during the bailing round or other routine monitoring activities) as summarized in Table 7. The fall 2007 extent of LNAPL is illustrated on Figure 11 and is generally similar to that observed in fall 2006, although a few variations from the prior fall were observed. The primary differences from the previous fall are that, among wells that were monitored both years:

- LNAPL was not observed at wells 6 or GMA1-14 during the fall 2006 monitoring event, but was observed in the fall 2007 monitoring event. These two wells are located within a known LNAPL area.
- LNAPL was observed at wells GMA1-17E and M-R during the fall 2006 monitoring event, but not in the fall 2007 event.
- LNAPL was observed on one or more occasions during fall 2007 at wells 6, 42, and 43, but not during fall 2006. Each of these wells is located within a known LNAPL area.
- LNAPL was observed on one occasion during fall 2007 at well ES2-6, which has a screen placement well below the top of the water table. Although this well is located within a known NAPL area, it is not designed to monitor for LNAPL (see Table 5). As such, the LNAPL observation at well ES2-6 is considered anomalous and likely related to the occasional presence of DNAPL in this well.
- LNAPL was not observed at any time at well GMA1-24 during fall 2007, but was observed once in fall 2006. That fall 2006 observation was the only time that LNAPL has been detected in this well, which was monitored on a monthly basis from March 2006 (shortly after installation) until July 2006 (when the LNAPL observation was made)

and on a weekly basis since that time. As such, the fall 2006 LNAPL observation at this well, which was recorded at the minimum detectable thickness and was not visually confirmed, appears to be anomalous.

Overall, the variations in LNAPL extent observed in fall 2007 were limited to locations along the edges of the known LNAPL areas. Graphs summarizing groundwater elevation and LNAPL monitoring results for several representative wells in this area are included in Appendix E.

In July 2006, in response to EPA's July 6, 2006 letter conditionally approving GE's Spring and Fall 2005 GMA 1 NAPL reports, GE replaced wells 95-4 and 95-7 with wells 95-4R and 95-7R, respectively. Also pursuant to that same conditional approval letter, since the installation of those new wells, GE has monitored LNAPL thickness on a monthly basis. EPA's letter stated that if LNAPL thicknesses in those wells were greater than one foot, GE should perform recovery testing at those wells to determine if those wells would be suitable for automated LNAPL recovery systems. As reported in the Fall 2006 GMA 1 NAPL Monitoring report, LNAPL thicknesses in these 4-inch diameter wells in fall 2006 were well below the thicknesses previously measured in the small-diameter wells that they replaced, indicating that the prior data may have been biased high due to surface tension effects in the wells. However, based on the NAPL monitoring results at well 95-4R in spring 2007, GE proposed to conduct LNAPL recovery testing at that well, as discussed in the Spring 2007 NAPL Monitoring Report.

GE performed LNAPL recover testing at well 95-4R over a three-day period in November 2007. This testing consisted of periodic LNAPL gauging and manual removal to assess the rate of LNAPL recovery to the well. On the first day of testing, LNAPL was gauged and removed on approximate one-hour intervals. On the second day the gauging/removal interval was increased to approximately two hours. An approximate four-hour interval was utilized on the third day of testing. As shown in Appendix H, approximately 10.9 liters (2.88 gallons) of LNAPL were manually removed during the three day testing period. In general, after the initial LNAPL accumulation in the well was removed, LNAPL recovery to the well was relatively consistent. The initial LNAPL thickness observed at the well was 1.26 feet at the start of day one. After removal of the stagnant LNAPL, a thickness of 0.26 foot returned to the well after just under one hour of recharge. Over the rest of the testing period, the maximum LNAPL thickness observed in the well was 0.58 foot on the start of the third day of testing, after approximately 15.5 hours of recovery time. Excluding the first reading of approximately 0.756 liter per hour, the LNAPL recovery rate ranged from approximately 0.078 to 0.445 liter per hour in this four inch well. Although, the maximum recovery rate of was just above 0.4 liter per hour, this maximum recovery was observed only at the start of days 2 and 3. The average rate of recovery for this well was approximately 0.2 liter per hour. These results indicate that the installation of an automated LNAPL recovery system

in this well is not warranted, as the amount of LNAPL in the vicinity of these wells has remained below the guidance values provided in the FSP/QAPP. To consider a well as a candidate for installation of an automated recovery system, a guideline of 0.5 liter per hour of NAPL recovery or 6- to 12-inches per hour of accumulated NAPL has been established. In addition, this well is located between the 64S and RW-1(S) automated recovery systems and any LNAPL in the vicinity of this well will be addressed by those recovery systems.

Several active LNAPL recovery systems are present within East Street Area 2-South, as discussed in Section 2.3. Approximately 17 million gallons of groundwater and 3,700 gallons of LNAPL were removed by the East Street Area 2-South recovery systems in fall 2007. This volume of recovered LNAPL is somewhat less than the amount recovered in fall 2006, when approximately 24.0 million gallons of groundwater and 5,400 gallons of LNAPL were recovered.

GE removed a total of approximately 17.8 gallons of LNAPL from East Street Area 2-South during the course of routine monitoring and manual recovery activities in fall 2007, compared to approximately 15.4 gallons during fall 2006.

The extent of DNAPL observed in the fall 2007 monitoring round was similar to that observed in fall 2006, with one exception. As during fall 2006, the presence of DNAPL was recorded in one monitoring well (E2SC-03I), and two recovery wells (64V and RW-3(X)) during the fall 2007 semi-annual monitoring event, as shown on Figure 12. Trace amounts of DNAPL were also periodically observed at well RW-1(S), which also contained DNAPL in fall 2006. Each of these wells was known to contain DNAPL based on prior monitoring activities. DNAPL was observed in recovery well 64S during the fall 2007 monitoring event and on several other occasions, but was not observed in the well during fall 2006. DNAPL accumulations similar to those at nearby recovery well RW-1(S) were initially detected in this well during spring 2007. Although DNAPL was detected in recovery well 64S, the quantity of DNAPL was sufficiently small that no DNAPL was recoverable. All DNAPL observations at this well have been recorded as "Present", indicating that the observed thickness was less than the minimum detectable thickness of 0.01 feet.

Approximately 176 gallons of DNAPL were recovered from recovery well RW-3(X) in fall 2007. This volume is slightly more than the volume of DNAPL (163 gallons) removed in fall 2006. No DNAPL was manually recovered from well 64V in fall 2007, although DNAPL accumulations have been periodically removed from this well in the past. GE continued to utilize weighted bailers to remove DNAPL from well E2SC-03I, due to the inability of pumping equipment to remove the viscous coal-tar DNAPL. A total of approximately 3.2 gallons of DNAPL were removed from this well in fall 2007 (compared to approximately 3.9 gallons recovered in fall 2006).

4.2.5 East Street Area 2-North

GE measured groundwater elevations and NAPL thickness (if present) at 14 monitoring wells within East Street Area 2-North in fall 2007. Fall 2007 groundwater elevations averaged approximately 1.57 feet lower than in fall 2006. LNAPL was observed in six monitoring wells (5-N, 14-N, 17-N, 20-N, and 23-N during the fall 2007 semi-annual monitoring event or on other occasions in fall 2007. LNAPL was also observed in all of these wells and in well 24N in fall 2006. Appendix E includes a graph summarizing the groundwater elevation and LNAPL monitoring results for well 14-N, selected as a representative well in this area. DNAPL was not measured or observed during the fall 2006 or 2007 bailing rounds or subsequent monitoring events (although DNAPL was observed at well 5-N in prior years).

GE removed a total of approximately 0.143 gallon of LNAPL from this area during the course of routine monitoring and manual recovery activities in fall 2007, compared approximately to 0.039 gallons over the same time period in 2006 (although the text of the Fall 2006 Monitoring Report contained a typographical error, stating a total manual recovery of 0.0001 gallons). Although DNAPL has observed at well 5-N in prior years, none was observed or recovered from this well in either fall 2007 or fall 2006.

4.3 East Street Area 1-North & South

4.3.1 East Street Area 1 - North

GE monitored 14 wells within East Street Area 1-North and the Northside Caisson in fall 2007. On average, fall 2007 groundwater elevations were approximately 0.40 feet lower than in fall 2006. LNAPL was observed in three monitoring wells (wells 105, 106, and 131) in fall 2007, compared to six wells (wells 25, 105, 106, 107, 118, and 140) in fall 2006. LNAPL was observed in the Northside Caisson during the fall 2007 semi-annual monitoring event, as in fall 2006. LNAPL was not observed in any other wells during other monitoring rounds in fall 2006. A graph summarizing the groundwater elevation and LNAPL monitoring results for well 106, selected as a representative well in this area, is included in Appendix E.

Approximately 2 gallons of LNAPL were recovered by the Northside Recovery System and approximately 76,781 gallons of groundwater were removed. During the same time period in 2006, the Northside Recovery System pumped approximately 110,600 gallons of groundwater and recovered approximately 1 gallon of LNAPL.

Each of the wells containing LNAPL was bailed as part of the semi-annual monitoring event and during monthly inspections for the wells that are included in that monitoring and manual removal program. Approximately 0.32 gallons of LNAPL were manually removed in fall 2007, compared to a manual recovery of 1.83 gallon in fall 2006.

4.3.2 East Street Area 1-South

GE monitored 19 wells located within East Street Area 1-South and the Southside Caisson during fall 2007. Groundwater elevations were approximately 0.97 feet lower in this monitoring round, on average, than in fall 2006. LNAPL was observed in four monitoring wells (wells 35, 45, 72, and 76) and the Southside Caisson during the fall 2007 monitoring event. LNAPL was not observed in well 34 in the fall 2007 monitoring event, as it was in fall 2006. Graphs summarizing groundwater elevation and LNAPL monitoring results for wells 72 and 76 are included in Appendix E.

Approximately one gallon of LNAPL was recovered by the Southside Recovery System and approximately 332,890 gallons of groundwater were removed. During the same time period in 2006, approximately 415,600 gallons of groundwater and 28 gallons of LNAPL were recovered.

Each of the wells containing LNAPL was bailed as part of the semi-annual monitoring event and/or during routine monitoring if LNAPL was observed. Approximately 0.073 gallon of LNAPL was manually removed in fall 2007 compared to a manual recovery total of 0.729 gallon in fall 2006.

4.4 Lyman Street Area

GE monitored 26 Lyman Street Area wells during fall 2007. Groundwater elevations were an average of approximately 2.45 feet lower than measured in fall 2006. LNAPL was observed in four locations (monitoring wells LS-21 and LS-31, LSSC-06, and recovery well RW-3) during the fall 2007 monitoring event. The extent of LNAPL in this area is comparable to that observed during fall 2006 as it roughly mimics the portions of the Former Oxbow Area D. LNAPL was not observed in LSSC-06 during the fall 2006 monitoring event but has been previously observed at this location. Graphs summarizing groundwater elevation and LNAPL monitoring results for several representative wells in this area are included in Appendix E.

DNAPL was observed in eight wells (LS-12, LS-30, LS-31, LS-34, LSSC-07, LSSC-08I, LSSC-34S, and RW-1(R)) during the fall 2007 semi-annual monitoring event. DNAPL was not observed in LSSC-34I, as it was in the fall 2006 event. The extent of DNAPL at this area is also similar to that recorded during fall 2006.

Approximately 0.9 million gallons of groundwater and 20 gallons LNAPL were removed in fall 2007 from the active recovery systems. For comparison, in fall 2006, 1.25 million gallons of groundwater and no LNAPL were removed from those systems. All of the LNAPL volume removed during fall 2007 was from recovery well RW-3 (20 gallons). No LNAPL was recovered via well RW-2 during either year, nor has any LNAPL historically been observed at this location.

Approximately 0.22 gallon of LNAPL was manually removed from monitoring wells at the Lyman Street Area during routine monitoring activities in fall 2007, compared to approximately 0.065 gallon during the prior fall. GE also removed approximately 2.69 gallons of DNAPL during routine fall 2007 monitoring events, slightly more than the 2.16 gallons manually removed in fall 2006.

Per Condition No. 1(a) of EPA's June 20, 2003 conditional approval letter, GE monitored well LSSC-08I on a weekly basis in fall 2007 and intended to collect DNAPL samples for analyses of physical and chemical parameters. Although DNAPL was observed on 12 of 23 monitoring rounds at this well, the DNAPL thicknesses ranged from only between 0.01 and 0.06 feet, which will not produce sufficient volumes of DNAPL to conduct any of the required analyses.

4.5 Newell Street Area II

GE monitored 25 wells at this RAA during the fall 2007 semi-annual monitoring event. Groundwater elevations were, on average, approximately 0.78 feet lower compared to fall 2006. LNAPL was observed in one monitoring well (NS-10) and DNAPL was recorded in ten wells during the fall 2007 monitoring event and at three other wells during other routine monitoring activities, as summarized in Table 7 and Appendix E. The extent of LNAPL is similar to that previously observed in this area. Specifically, an isolated pocket of LNAPL is present near well NS-10 (see Figure 11). DNAPL was observed at ten locations (wells MW-1D, MW-1S, N2SC-01I, N2SC-01I(R), N2SC-03I, N2SC-03I(R), N2SC-08, N2SC-13I, N2SC-14, and NS-30) during the fall 2007 monitoring round. In addition, DNAPL was observed at three other wells (N2SC-07, N2SC-09S, and NS-32) during additional fall 2007 monitoring activities. DNAPL has previously been detected at each of these locations, several of which are (or were formerly) part of the Newell Street Area II DNAPL recovery systems.

Approximately 523 gallons of DNAPL were recovered during fall 2007 by System 2 at Newell Street Area II, compared to 715 gallons that were recovered in fall 2006.

GE also manually removed DNAPL if thicknesses of greater than 0.5 foot were measured during routine monitoring events. In fall 2007, approximately 2.70 gallons of DNAPL were manually recovered, compared to approximately 6.27 gallons in fall 2006. The majority (approximately 1.24 gallon) of the recovered DNAPL was removed from well N2SC-08.

Approximately 0.59 gallon of LNAPL was manually removed from a single Newell Street Area II well during fall 2006, which is slightly less than the 0.66 gallon manually removed in fall 2006. All of the LNAPL volume came from well NS-10.

4.6 Newell Street Area I

GE collected groundwater elevation data from three monitoring wells (FW-16, IA-9R, and MM-1) at Newell Street Area I during fall 2007. These monitoring results are summarized in Table 7 and the actual data are provided in Appendix E. The fall 2007 groundwater elevation was approximately 1.37 foot lower than measured in fall 2006. Consistent with prior investigations, no NAPL was observed at Newell Street Area I.

5. Effectiveness Evaluation and Future Program Modifications

5.1 General

This section discusses the effectiveness of the fall 2007 NAPL monitoring activities and upcoming approved modifications to the existing NAPL monitoring and recovery program at GMA 1. Overall, the ongoing NAPL recovery operations at GMA 1 have proven effective in removing LNAPL and DNAPL from the subsurface and preventing NAPL migration. Approximately 1.027 million gallons of NAPL have been removed from this area since 1975, and the lateral extent of NAPL, particularly LNAPL in East Street Area 2-South, has decreased significantly. Of the total amount of NAPL collected since 1975, approximately 95% was LNAPL collected from East Street Area 2-South. Although the existing NAPL recovery efforts have been very effective at removing both LNAPL and DNAPL and controlling its migration, GE continues to evaluate and implement enhancements to its ongoing program, such as the new automated groundwater and NAPL recovery well system that was recently installed at East Street Area 2-South well RW-4.

An overall decrease in groundwater elevations was observed at GMA 1 in fall 2007 as compared to fall 2006, although isolated increases were noted at several individual monitoring wells across this GMA. The amount of groundwater removed by the automated systems during the six-month evaluation period decreased by approximately 7,850,000 gallons, as compared to a similar time period in 2006. This decrease is primarily attributed to the lower groundwater elevations, since less groundwater was required to be removed by systems that maintain a constant drawdown. In general, monthly groundwater removal volumes in late fall 2007 were less than the monthly groundwater removal volumes observed during early fall 2007, particularly at the 64S and RW-1(S) recovery systems located along the western limb of Former Oxbow H. Most individual systems exhibited decreased LNAPL recoveries in fall 2007 as compared to fall 2006, with the exceptions of: RW-1(S), where 382 gallons of LNAPL were recovered in fall 2007, compared to 216 gallons during fall 2006; 64X, where 538 gallons of LNAPL were removed in fall 2007, compared to 276 gallons during fall 2006; and RW-3 at Lyman Street, where 20 gallons were removed in fall 2007 compared to no removal in fall 2006. RW-1(X) had slightly more LNAPL removed in 2007 (3 gallons) compared to 2006 (no LNAPL was removed). During the six-month fall evaluation period in 2007, approximately 4,450 total gallons of NAPL (i.e., LNAPL and DNAPL removed manually or by automated recovery systems) were removed from GMA 1 as compared to 5,400 gallons in 2006. The graphs in Appendix C show historical LNAPL recovery compared to groundwater recovery, while historical DNAPL recovery results are displayed in Appendix D.

Historically, LNAPL collection within East Street Area 2-South has generally been in proportion to the amount of overall groundwater pumping by the recovery systems, but this correlation was not as strong in fall 2007. Specifically, there was generally less groundwater removal and a corresponding decrease in LNAPL removal for most of the recovery systems in fall 2007 as compared to fall 2006. However, the recovery systems that had increased LNAPL recoveries in fall 2007 also had decreased groundwater removal volumes during the same time period. In contrast, during fall 2006, most of the systems that showed increased LNAPL recovery when compared to fall 2005 also showed increased groundwater recoveries, while the system with the greatest decrease in LNAPL recovery had the greatest decline in groundwater removal. As in the past, LNAPL recovery at other areas (e.g., East Street Area 1-North and Lyman Street Area) does not appear to correlate well with either high or low groundwater conditions. LNAPL recovery rates in these areas may be more related to the physical properties of the particular LNAPL and/or localized hydrogeologic characteristics. It is also apparent that LNAPL plumes are shrinking and that there are lesser quantities of LNAPL remaining in those portions of GMA 1, so that changes in the water table do not significantly affect the already-low recovery volumes. It is expected that LNAPL recovery will continue to diminish, regardless of groundwater pumping rates, as the plumes shrink.

With respect to DNAPL, the observed decrease in overall groundwater elevations would not normally be anticipated to have affected DNAPL recovery at the GMA 1 automated DNAPL recovery systems. Generally, mobile DNAPL does not occur near the top of the water column, so fluctuations in water table elevation would not significantly impact DNAPL mobility or recovery rates. As with LNAPL, it is expected that DNAPL collection volumes will decrease with time as the systems continue to remove recoverable free-phase product from the subsurface. In fall 2007, however, the amount of DNAPL recovered from well RW-3(X) at East Street Area 2-South increased slightly (to 175 gallons) in fall 2007, as compared to fall 2006 recovery (163 gallons of DNAPL). Likewise, at Newell Street Area II, the fall 2007 DNAPL recovery is similar to the fall 2006 recovery for months when the system was operating, with the exception of the month of October, where a significant rise in DNAPL recovery was noted in 2006. That surge in DNAPL recovery is attributed to the reactivation of the upgraded DNAPL recovery system in September 2006, as an initial spike in DNAPL recovery was noted through October and into November 2006, before decreasing to levels similar to those observed in fall 2007.

5.2 Assessment of Automated NAPL Recovery Systems

To evaluate the overall performance of existing NAPL recovery systems within GMA 1, each individual recovery system is discussed below. The need for additional activities to enhance the performance of these systems is also evaluated.

5.2.1 East Street Area 2-South

This section contains an assessment of the automated NAPL recovery systems at East Street Area 2-South over the fall 2007 monitoring period. However, it should be noted that a new recovery system was recently installed in well RW-4, as previously proposed by GE to address the presence of LNAPL in the 60s Complex. Since this well was not activated until January 28, 2008, an assessment of the effectiveness of that system cannot be provided at this time, but will be incorporated into future NAPL monitoring reports.

The volume of LNAPL recovered from the East Street Area 2-South automated recovery systems was significantly less than the volume removed during fall 2006, which is consistent with the facts that a much lower volume of groundwater was removed by these systems during each fall and the LNAPL plumes are decreasing in size. The 64V system is the highest volume LNAPL-producing system in GMA 1 and, in conjunction with the nearby slurry wall, provides very effective collection and hydraulic control of LNAPL in this area. Although the LNAPL production rate has declined since the peak recoveries achieved in the initial years of operation (i.e., 1988 to 1993), such an overall decline is to be expected and Caisson 64V still removed more LNAPL in 2007 than any other GMA 1 system, but showed a decrease in LNAPL recovery compared to fall 2006. As illustrated in the tables and graphs contained in Appendix F, LNAPL recovery efficiency varied during the course of fall 2007, following a similar pattern to that observed in prior years. Therefore, in light of the success of Caisson 64V, no adjustments to this recovery system are proposed at the present time.

Previously, the remaining East Street Area 2-South automated systems utilized common holding tanks, so accurate contributions of individual wells/caissons could not be determined. In fall 2002, GE instituted measures (i.e., installation of NAPL flow meters or additional record keeping) to identify the quantity of LNAPL being removed from several of these systems. Specifically, LNAPL recovery volumes at the paired 64X/RW-1(X), 64R/40R, and 64S/RW-1(S) systems are no longer combined as of October 2002, November 2002, and December 2002, respectively. Since these modifications were made in late fall of 2002, a full historical comparison of the separately-tracked recovery data cannot be made. Therefore, for comparison purposes, GE has calculated LNAPL recovery volumes and efficiency for these systems as they were previously combined. Evaluations of the recovery data since separate tracking began are also presented below.

Approximately 4.6 million gallons of groundwater were removed from the 64S/RW-1(S) recovery systems in fall 2007 as compared to approximately 8.19 million gallons of groundwater removed from this well in fall 2006. NAPL removal from the 64S/RW-1(S) systems was also less in fall 2007, by approximately 30%. [1030 gallons removed in fall 2007 – 1480 gallons removed in fall 2006 from Table 3]. Tracked individually, the LNAPL

recovery efficiency for the 64S system has been relatively consistent, with the exception of a spike in efficiency following the re-start of the 64S system after upgrades were made in summer 2003. The LNAPL recovery efficiency of the RW-1(S) system is an order of magnitude lower than the 64S system and has shown a greater degree of variability since tracking began, including a significant increase in summer 2004.

Since December 2002, the first month when separate NAPL recoveries were tracked for wells 64S and RW-1(S), approximately 88% of the LNAPL recovered, but only 45% of groundwater removed from these two systems, was via caisson 64S. The majority of the groundwater is typically removed from well RW-1(S), which serves to provide hydraulic control near the downgradient edge of the LNAPL area.

The volumes of LNAPL and groundwater removed from the 64R/40R recovery systems were approximately 23% and 11% of the respective quantities recovered in fall 2006. The decrease is attributed to lower overall groundwater levels in fall 2007. All recovery was from the 64R caisson, as no LNAPL has been recovered from well 40R since February 2003 and the skimmer system was removed from service in fall 2006. The historical LNAPL recovery efficiency data presented in Appendix F for this combined system is quite variable, presumably due to the fact that no groundwater was removed by the skimmer in well 40R, resulting in large changes in the calculated efficiency based on variations in LNAPL recovery from the well. Since separate tracking was initiated, the LNAPL recovery efficiency of caisson 64R has varied from month to month, and the fall 2007 efficiencies were generally not comparable to those observed previously, due to the small amount of groundwater removed during September through December 2007.

The 64X/RW-1(X) systems produced an increase in LNAPL recovery of 259 gallons and a decrease in groundwater removal (decrease of 0.12 million gallons) in fall 2007 as compared to fall 2006. As shown in Appendix F, these systems are the least efficient for LNAPL recovery, as they primarily serve a hydraulic control function near the riverbank (particularly RW-1(X)) and only small amounts of LNAPL are present. Since LNAPL only sporadically enters these wells, the historical LNAPL recovery efficiency data does not show a clear trend. The 64X/RW-1(X) recovery systems appear to be functioning as effective hydraulic control points that also intercept LNAPL when available. Therefore, in light of the primary purpose of these wells and the volume of LNAPL recovery in fall 2007, GE does not propose any modifications to these systems.

The volume of DNAPL recovered from recovery well RW-3(X) in fall 2007 (175 gallons) was approximately 7% greater than the volume removed by this well in fall 2006. The increased rate of DNAPL removal in fall 2007 as compared to fall 2006 was not consistent from month to month, and is small. In general, DNAPL recovery volumes have shown a slight decline consistent with expectations for such a system, with slight variations such as the minimal

increase in recovery observed from fall 2006 to fall 2007. Therefore, there is no need to modify this recovery system at this time.

5.2.2 East Street Area 1-North & South

The two East Street Area 1 recovery caissons have effectively maintained hydraulic depressions utilized to contain and capture residual amounts of LNAPL. The amount of water removed by each recovery system in fall 2007 (approximately 410,000 gallons) was significantly less than fall 2006 (approximately 530,000 gallons), while LNAPL recovery was not significantly changed for the Northside Recovery System, but was significantly less (1 gallon in fall 2007 compared to 28 gallons in fall 2006) for the South Side recovery system. Since all indications are that the East Street Area 1 recovery systems are containing the LNAPL within their respective areas of influence and remaining amounts of recoverable LNAPL are small, GE does not propose any modifications to these systems at this time.

5.2.3 Lyman Street Area

As seen on the recovery graphs presented in Appendix C, following the initial surge in NAPL removal at the onset of pumping, LNAPL recovery has remained consistently low at each of the Lyman Street wells where LNAPL is present. No disproportionate changes in groundwater elevations or NAPL distribution have been observed behind the sheetpile containment barrier between the Lyman Street parking lot and the Housatonic River since its installation. The potential for groundwater mounding behind this barrier is limited due to the presence of the three automated recovery wells that are currently in operation in this area.

Less groundwater was removed by the Lyman Street Area recovery systems in fall 2007 (0.90 million gallons) as compared to fall 2006 (1.2 million gallons), as average groundwater levels were lower than those observed in fall 2006 and the systems were briefly shut down during performance of soil-related Removal Actions at the Lyman Street Area RAA. While no NAPL was recovered by the systems in fall 2006, approximately 20 gallons of LNAPL were removed from this system in fall 2007. Despite the small amount of NAPL recovery, the systems effectively provide hydraulic control and prevent LNAPL from moving around the ends of the sheetpile barrier. As such, GE does not propose to make any major modifications to the automated recovery systems in this area beyond the replacement of the piping network being performed in conjunction with the installation of the RW-4 recovery system in the former scrapyard area at East Street Area 2-South.

Per Condition No. 1(a) of EPA's June 20, 2003 conditional approval letter, GE has attempted to collect DNAPL samples for analyses of physical and chemical parameters from well LSSC-08I during the course of the routine monitoring events at this location.

However, sufficient volumes of DNAPL to conduct such analyses have not been observed in this well to date. As shown in Table 7, DNAPL was observed on 12 of 23 monitoring rounds at this well and at thicknesses ranging between less than 0.01 and 0.06 foot. For comparison purposes, an LNAPL thickness of approximately 0.1 foot in a two-inch diameter well would be required to obtain enough sample volume to analyze for either volatile organic compounds or specific gravity. Those two analyses require the least amount of sample volume to conduct; other required analyses require between two and eight times this volume. GE will continue to monitor this well and will collect analytical samples if possible. Priority will be given to the performance of physical properties analyses if a complete sample set cannot be collected during a single monitoring event. Based on the location of this well, GE does not propose to allow NAPL to accumulate in the well to obtain analytical samples. GE will continue to remove any recoverable accumulations of DNAPL when observed and properly dispose of quantities that are insufficient for laboratory analysis.

5.2.4 Newell Street Area II

Newell Street Area II automated DNAPL recovery Systems 1 and 2 were shut down on July 25, 2005 and the upgraded System 2 was activated on August 30, 2006. The amount of DNAPL removed in fall 2007 was slightly less than the amount of DNAPL removed in fall 2006. However, the two seasons are not comparable because the system was offline for over one-third of fall 2006 while the soil-related removal actions at Newell Street Area II were being conducted and upgrades were being made to the recovery system. Once the system was re-activated, an initial surge in DNAPL recovery volume provided an additional variance in the recovery data between the two seasons.

Overall, the monitoring/removal activities appear to be effective in reducing the volume of subsurface DNAPL and limiting the migration potential of DNAPL at Newell Street Area II. Since the upgraded recovery system was only recently activated, GE proposes no modifications to this system at this time.

A manual monitoring/removal program is addressing the sole pocket of LNAPL in the vicinity of well NS-10. Given the minor amount of LNAPL present in this area, no modifications to the LNAPL monitoring or recovery programs are necessary at this time.

5.3 NAPL Monitoring Program Modifications

GE has implemented several EPA-approved modifications to the NAPL monitoring program that were described in recent NAPL monitoring reports or other correspondence with EPA, including certain documents submitted to support soil-related activities at the RAAs that comprise GMA 1. To provide clarification of modifications to the NAPL monitoring program,

this section summarizes the EPA-approved program modifications that have been or will be implemented at GMA 1 and also proposes additional program modifications based on the fall 2007 monitoring results. Table 8 compares the GMA 1 NAPL monitoring schedule from the last time that significant changes were made as part of the NAPL monitoring reports (i.e., the NAPL monitoring program proposed in the Spring 2003 NAPL Monitoring Report, as conditionally approved by EPA) with the current NAPL monitoring schedule utilized in fall 2007, incorporating certain EPA-approved modifications made since 2003. Finally, that table summarizes the proposed future NAPL monitoring schedule proposed for GMA 1. The proposed schedule contains a combination of EPA-approved modifications that will be implemented, as well as certain modifications proposed by GE, as described below.

5.3.1 40s Complex

As discussed in Section 4.2.1, well RF-4 could not be located during the fall 2007 monitoring event and data obtained from well 95-17 (which has been monitored to support ongoing activities at Silver Lake) was utilized to provide groundwater elevation information in this area. GE again attempted to locate well RF-4 in December 2007 and observed that the well may have been buried during recent construction activities in the area. In response, GE proposes to add well 95-17 to the groundwater elevation and NAPL monitoring program as a replacement for well RF-4 to provide a data point for groundwater elevation contouring purposes in this area. GE proposes to monitor well 95-17 on a semi-annual basis.

Well RF-4 was also utilized as a groundwater quality sampling location during the baseline monitoring program at GMA 1. However, no exceedances of the applicable MCP groundwater quality standards were detected at that well and it does not appear that long-term groundwater quality monitoring will be necessary at that well. GE will re-evaluate the need for additional groundwater quality monitoring in this area in its long-term monitoring program proposal for GMA 1, which will be prepared following the completion of soil-related Removal Actions at the RAAs that comprise the GMA. If additional groundwater sampling is found to be warranted, GE will propose to either utilize well 95-17 or to install a replacement well near the RF-4 location.

5.3.2 30s Complex

Replacement well RF-16R, which was installed after well RF-16 was decommissioned in preparation for redevelopment of the 30s Complex, could not be located in fall 2007 and may have been buried during recent construction activities in the area. GE will utilize a survey crew to pinpoint the well location and determine its condition. Well GMA1-10 was also decommissioned in conjunction with the redevelopment project. As approved by EPA

in a letter dated June 8, 2006, this well was removed from the monitoring program and not replaced.

Several 30s Complex monitoring wells that have been utilized to provide groundwater elevation data in conjunction with the ongoing activities at Silver Lake have also been utilized as supplemental data points in the GMA 1 NAPL monitoring program. As shown in Table 8, GE has clarified the status of those wells and proposes to retain one of these wells, GMA1-12, in the semi-annual monitoring program for GMA 1 to provide an additional data point for groundwater elevation contour mapping. The other supplemental monitoring wells may still be utilized in conjunction with the Silver Lake project and/or as part of the GMA 1 groundwater quality monitoring program. If they are so utilized, GE will include the monitoring results in the subsequent NAPL monitoring report.

5.3.3 20s Complex

In December 2006, 20s Complex monitoring well O-R was decommissioned pursuant to GE's approved proposal to remove/replace certain wells in the 20s and 30s Complexes. A replacement for this well was to be installed at a location approximately 60 feet north of the original well location. However, the approved location was not accessible to the drill rig and a suitable alternate location that would not be impacted during the upcoming redevelopment activities could not be identified in the field. Therefore, it was decided in consultation with EPA field personnel that installation of this well would be deferred until after the completion of grading activities to be performed in this area. Those activities have yet to be completed. Once the area has been re-graded, GE will install the replacement well (to be designated as well O-RR) and will adjust the surface completions of several other wells in the area to correspond to the new ground surface.

Two other wells in the 20s Complex are proposed to be formally removed from the NAPL monitoring program. Monitoring well FF was approved to be discontinued as part of the spring 2003 revisions to the monitoring program, but has been utilized as a supplemental monitoring location on certain occasions since that time. The proper status of that well is shown in Table 8. Well KK has not been monitored since spring 2004 and is proposed to be removed from the monitoring program, since nearby well JJ provides sufficient monitoring coverage in this area.

5.3.4 East Street Area 2-South

Several modifications to the NAPL monitoring program have been made in this area since the overall adjustments made in spring 2003, either due to the installation of new wells or the elimination of existing wells that were decommissioned, destroyed, or inaccessible.

Few modifications in the monitoring schedule are proposed for wells that have been installed since 2003, with the exception of wells GMA1-17W and RW-4 which have had automated recovery systems installed. As such, these wells have been removed from the manual NAPL monitoring program and are only monitored in conjunction with routine maintenance of their recovery systems. Following the observation of LNAPL in the 60s Complex, the monitoring frequency was increased from monthly to weekly at several wells (newly-installed and existing) in this area. Although an automated groundwater/LNAPL recovery system in well RW-4 is now in operation to address this area, GE will continue to monitor the adjacent wells according to the current schedule until the effectiveness of the new system can be evaluated.

Table 8 summarizes GE's proposed approach for several wells that GE has been unable to gauge during recent monitoring events. Well 15R was retained as a monthly monitoring point in 2003, but has been destroyed since fall 2004. This well is not needed for groundwater elevation contouring or NAPL monitoring purposes and is proposed to be removed from the monitoring program and not replaced. Well ES2-9 was destroyed during construction activities in 2007 and is proposed to be replaced in the monitoring program by nearby well ES2-10. Wells ES2-14, ES2-15, and ES2-17 continue to be inaccessible due to EPA's operation of a staging area in their immediate vicinity. The wells have been secured and semi-annual monitoring will resume once the area is cleared.

Finally, based on recent monitoring results, GE proposes to modify the monitoring frequency at certain East Street Area 2-South monitoring wells that have shown recent changes in NAPL thickness. Pursuant to EPA's June 7, 2005 conditional approval letter, GE increased the monitoring frequency at five monitoring wells to monthly due to observed NAPL thicknesses of greater than one foot. Three of these wells (25R, 48, and 95-4R) continue to contain LNAPL accumulations greater than one foot and will continue to be monitored on a monthly basis. However, very little NAPL has been observed in wells 95-7R (LNAPL) or ES2-6 (DNAPL, although an anomalous observation of LNAPL was recorded at this well in fall 2007 - see Section 4.2.4)]during recent monitoring rounds. The maximum observed LNAPL thickness at each of these wells in fall 2007 was 0.02 feet (see Table 7). As such, GE proposes to resume the previously-utilized semi-annual monitoring schedule at those two wells. In addition, well 30 contained greater than two feet of LNAPL during the bailing and monitoring events in fall 2007. As such, the monitoring frequency at this location is proposed to be increased to a monthly basis. At well 47, approximately 1.58 feet of LNAPL was observed during the bailing round, but only 0.58 feet was present during the subsequent monitoring event. GE proposes to increase the monitoring frequency at this location from semi-annual to quarterly. In future NAPL monitoring reports, GE will assess whether this increased monitoring and manual LNAPL recovery is sufficient to reduce the LNAPL thickness in these wells.

Wells E2SC-3I and E2SC-17 contain coal tar DNAPL and are equipped with dedicated steel bailers that are monitored and emptied on a monthly basis. Well E2SC-3I continues to produce DNAPL and no modifications to the monitoring schedule are proposed. However, no DNAPL was observed at well E2SC-17 since fall 2005. As such, GE proposes to resume the previously-utilized semi-annual monitoring schedule at this well. Any recoverable DNAPL accumulations will continue to be bailed.

5.3.5 East Street Area 2-North

Well 27-N was destroyed in 2005 during construction activities in East Street Area 2-North. This well is located upgradient of the northern extent of LNAPL in this area and is not needed for groundwater elevation contouring purposes. As such, GE proposes that the well be formally removed from the monitoring program and not replaced.

5.3.6 East Street Area 1-North

Well 120 was last monitored in fall 2004, prior to being destroyed during construction activities in the vicinity of Building 69. This well is not needed for groundwater elevation or NAPL monitoring purposes, as well 25 is located nearby. Well 49 was found to be destroyed during the fall 2007 monitoring event. The data needs from this well, which was located in East Street, can be satisfied by continued monitoring at wells 35, 76, and 128. As such, GE proposes that wells 49 and 120 be formally removed from the monitoring program and not replaced.

The only other modification to the monitoring program since the spring 2003 adjustment involved well ES1-14, where access to the well was denied by the property owner prior to the fall 2003 monitoring event. With EPA approval, that well was removed from the monitoring program and replaced with well GMA1-18, located to the south of East Street.

5.3.7 East Street Area 1-South

As discussed above, well GMA1-18 was added to the monitoring program as a replacement for well ES1-14. In addition, several wells within East Street Area 1-South were monitored over a six-month period in 2005 as part of supplemental Phase II investigations conducted under the Administrative Consent Order (ACO) executed by GE and MDEP in November 2000. The results of that monitoring were summarized in GE's September 2005 *Supplemental Phase II Report for East Street Area 1-South*. In that report, GE also proposed to continue monitoring groundwater elevations at wells 80, 90, and ES1-23R, along with well GMA1-18 on a semi-annual basis under the GMA 1 NAPL monitoring program. Previously, those wells were not included in the program, although well ES1-23R

was utilized in the baseline groundwater quality monitoring program at GMA 1. Table 8 reflects the inclusion of wells 80, 90, and ES1-23R in the groundwater monitoring program.].

5.3.8 Lyman Street Area

The modifications to the NAPL monitoring program that have been made in this area since the overall adjustments made in spring 2003 are primarily due to the elimination of existing wells that were decommissioned, with EPA approval, in preparation for soil-related removal actions in this area. The wells that are no longer monitored at this area are listed in Table 8.

Wells E-7, LS-29, and MW-6R have been utilized to provide groundwater elevation data in conjunction with the ongoing activities at Silver Lake and/or as part of the GMA 1 groundwater quality monitoring program and have also been utilized as supplemental data points in the GMA 1 NAPL monitoring program. As shown in Table 8, GE has clarified the status of those wells and proposes to retain one of these wells, MW-6R, in the semi-annual monitoring program for GMA 1 to provide an additional data point for groundwater elevation contour mapping. The other supplemental monitoring wells may still be utilized in conjunction with the Silver Lake project and/or as part of the GMA 1 groundwater quality monitoring program. If so, GE will also include the water level monitoring results in its NAPL monitoring reports.

Finally, well MW-4R was installed in 2003 as a replacement for baseline groundwater quality monitoring program well MW-4 and added to the groundwater elevation program as a quarterly monitoring point to assess anomalous groundwater elevation data recorded at well MW-4. The monitoring data obtained from well MW-4R has consistently correlated with the surrounding area and quarterly data collection is no longer necessary at this well. As such, GE proposes to reduce the monitoring frequency at well MW-4R to a semi-annual basis.

5.3.9 Newell Street Area II

Similar to the Lyman Street Area, the modifications to the NAPL monitoring program that have been made in this area since the overall adjustments made in spring 2003 are primarily due to the elimination of existing wells that were decommissioned, with EPA approval, in preparation for soil-related removal actions in this area. The wells that are no longer monitored at this area are listed in Table 8.

As discussed in the spring 2007 NAPL monitoring report, well NS-15R was apparently destroyed during installation of the engineered barrier at Newell Street Area II, as the well was obstructed at approximately 50% of the installed depth. GE proposed that the well NS-15R be decommissioned and not replaced, since two other monitoring wells screened to monitor and recover DNAPL that are located in this area (well NS-30 to the west and N2SC-07 to the north) provide sufficient coverage such that a new well is not necessary. That proposal was approved by EPA. However, during the fall 2007 monitoring event, well N2SC-07S could not be located and surveyors were utilized to find the well. It was then discovered that the well previously thought to be NS-15R was actually well N2SC-07S. The total depth of the well was confirmed to correspond to the listed depth of well N2SC-07S. GE concluded that well NS-15R was completely destroyed during the engineered barrier installation and will not install a replacement in light of its approved proposal to remove the well from the monitoring program.

Well NS-9 was also destroyed during the installation of the engineered barrier in fall 2006. Per EPA's conditional approval letter dated October 10, 2007, GE will install monitoring well NS-9R to replace well NS-9. To install this replacement well, GE will penetrate and then re-seal the engineered barrier around the well location. Following installation, the well will be monitored on a quarterly basis, in accordance with EPA's approval condition.

5.3.10 Silver Lake Area

In 2003, six shallow/deep monitoring well pairs were installed as part of pre-design investigations conducted for Silver Lake. Those wells, along with several others in the 30s and 40s Complexes and the Lyman Street Area, have continued to be utilized to provide groundwater elevation data in conjunction with the ongoing activities at Silver Lake. As shown in Table 8, only three of the Silver Lake wells, SLGW-1S, SLGW-5S and SLGW-6S are proposed to be formally included in the semi-annual monitoring program for GMA 1. Wells SLGW-5S and SLGW-6S were previously the only two wells required to be monitored as part of the GMA 1 NAPL monitoring program and GE proposes to continue to monitor well SLGW-1S on a semi-annual basis to provide an additional data point to the north of Silver Lake for groundwater elevation contouring purposes. The other Silver Lake monitoring wells may still be utilized in conjunction with the Silver Lake project or proposed for decommissioning. GE will continue to include any available water level monitoring data from those wells in future NAPL monitoring reports.

6. Schedule for Future Activities

6.1 General

Schedule requirements related to the baseline monitoring programs were generally identified in Attachment H to the SOW, and further clarified in the GMA 1 Baseline Monitoring Proposal and subsequent NAPL monitoring reports. Since the schedule for most of the routine groundwater and NAPL monitoring activities is unchanged from the previously-approved plan, this section provides a schedule primarily for the implementation of previously-approved changes to the GMA 1 NAPL monitoring program, as well as for certain non-routine activities which will be conducted in the near future.

6.2 Field Activities Schedule

GE will continue to perform its routine NAPL monitoring and recovery activities in accordance with the current monitoring schedule listed in Table 2. The spring 2008 semi-annual bailing round and monitoring event will be conducted in April 2008. Approximately one to two weeks prior to the monitoring event, GE will perform the bailing round, removing any accumulated NAPL in all wells scheduled for semi-annual monitoring that have contained NAPL during the prior 12-month period.

During or after performance of the semi-annual monitoring round, GE will conduct an inspection of the riverbank areas adjacent to GMA 1 for signs of NAPL seeps or sheens. The schedule of this inspection may be modified if a high flow event is recorded at the Coltsville gauging station. Additional riverbank inspections may be performed at East Street Area 2-South, Lyman Street Area, and Newell Street Area II if multiple high flow events are recorded during the spring. Those inspections, if necessary, will be conducted approximately 1-2 weeks after the high flow conditions subside.

GE will also implement any EPA-approved program modifications or activities proposed in Section 5.3 in spring 2008, including:

- Installation of replacement monitoring well O-RR and casing modifications of selected monitoring wells within the 20s and 30s Complexes. These activities will be conducted following completion of PEDA's grading activities in this area.
- Installation of replacement well NS-9R within the portion of Newell Street Area II covered by an engineered barrier. GE plans to install this well prior to performance of the spring semiannual monitoring event. Following installation, the well will be monitored on a quarterly basis, as specified in EPA's October 10, 2007 conditional approval letter.

- Modification of the groundwater elevation and NAPL monitoring schedule at selected wells as discussed in Section 5.3, as approved by EPA. At locations where an increase in the NAPL monitoring frequency is proposed to address conditions observed in fall 2007 (i.e., East Street Area 2-South wells 30 and 47), GE will immediately initiate the enhanced monitoring and manual NAPL removal activities.

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

6.3 Reporting Schedule

GE will submit the Spring 2008 NAPL Monitoring Report for GMA 1 by August 31, 2008, in accordance with the previously approved reporting schedule. That report will present the NAPL monitoring and recovery data for the period of January 2008 through June 2008.

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

ARCADIS

Tables

Table 1
Monitoring Well Construction Summary

NAPL Monitoring Report for Fall 2007
 Plant Site 1 Groundwater Management Area
 General Electric Company - Pittsfield, Massachusetts

Well ID	Survey Coordinates		Ground Elevation (Feet AMSL)	Measuring Point Elevation (Feet AMSL)	Depth to Top of Screen (Feet bgs)	Screen Length (Feet)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Average Depth to Groundwater (Feet bgs)	Average Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)
	Northing	Easting									
40s Complex (RAA 1)											
95-17	534481.50	130679.10	1,007.6	1,007.67	20	10	987.6	977.6	23.4	984.2	983
RF-04	534714.97	130997.69	1,012.2	1,011.99	10	15	1,002.2	987.2	16.4	996.6	988
30s Complex (RAA 2)											
95-16	534082.14	131773.76	1,007.9	1007.65	14	10	993.9	983.9	15.9	992.0	988
ES2-19	534344.32	131781.79	1,007.6	1,007.22	11.5	8	996.1	988.1	14.0	993.6	1,000
GMA1-12	534218.00	131263.10	989.3	992.26	9.38	10	979.9	969.9	12.9	976.4	977
RF-02	533507.30	131111.20	983.4	982.43	3	15	980.4	965.4	6.6	976.8	965
RF-03	533872.30	131153.90	985.6	985.40	3	15	982.6	967.6	9.6	976.0	965
RF-03D	533879.30	131154.60	985.5	985.31	30.6	5	954.9	949.9	7.9	977.7	965
RF-16	534255.30	130931.53	988.2	987.91	7	15	981.2	966.2	9.6	978.6	967
20s Complex (RAA 3)											
CC	534251.19	132927.20	998.8	998.84	16.8	15	982.0	967.0	18.9	979.9	972
EE	534244.32	133101.21	1,004.5	1004.27	20	15	984.5	969.5	24.3	980.2	974
FF	534236.98	133165.10	1,005.7	1005.70	20	15	985.7	970.7	23.8	981.9	969
GG	534237.47	133226.06	1,007.4	1007.40	20	15	987.4	972.4	24.9	982.5	973
II	534294.74	132437.51	1,007.3	1007.26	20	15	987.3	972.3	26.6	980.7	973
JJ	534286.40	132524.77	1,006.4	1006.38	23	15	983.4	968.4	26.1	980.2	968
LL-R	534257.60	133170.00	1,007.7	1010.59	18	15	989.7	974.7	25.9	981.8	977
P-R	534101.50	132615.40	1,003.0	1005.01	16.2	10	986.8	976.8	23.4	979.6	961
QQ-R	534174.50	132893.90	998.6	998.32	13	15	985.6	970.6	19.0	979.6	967
U	534111.32	132740.27	998.9	998.89	4	25	994.9	969.9	19.5	979.4	965
Y	534233.56	132692.64	1,002.9	1002.86	6	30	996.9	966.9	23.3	979.6	966

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	Northing	Easting									
East Street Area 2-South (RAA 4)											
01R	533928.73	133219.80	992.9	992.72	10	15	982.9	967.9	12.5	980.4	963
2	533902.02	133104.87	996.4	995.64	15	10	981.4	971.4	18.4	978.0	967
5	533817.68	132719.06	996.0	996.10	9	15	987.0	972.0	16.4	979.6	949
6	533799.18	132650.34	991.4	991.18	15	10	976.4	966.4	14.5	976.9	947
09R	533568.41	132434.78	987.3	986.88	5	15	982.3	967.3	13.1	974.2	950
10	533530.59	132376.71	988.3	987.95	10	10	978.3	968.3	14.4	973.9	957
13	533453.66	132080.55	991.3	990.88	10	20	981.3	961.3	17.1	974.2	964
14	533441.04	132035.29	992.4	991.61	10	20	982.4	962.4	18.0	974.4	964
15R	533418.19	131897.82	989.7	989.23	8	20	981.7	961.7	15.7	974.0	958
16R	533349.53	131807.57	987.2	987.10	5.9	20	981.3	961.3	11.8	975.4	951
19	532948.30	132198.00	984.1	983.59	10	15	974.1	959.1	10.9	973.2	947
25R	533997.60	133152.50	995.5	998.31	9	20	986.5	966.5	17.5	978.0	963
26RR	534111.70	133258.00	998.4	1,000.58	13	15	985.4	970.4	18.9	979.5	<970.4
28	533843.20	133276.14	991.5	991.86	15	10	976.5	966.5	13.1	978.4	958
29	533775.00	133278.82	992.1	991.59	17	10	975.1	965.1	18.2	973.9	955
30	533681.14	133124.29	990.0	989.34	14	10	976.0	966.0	12.7	977.3	960
31	533655.48	133114.65	991.0	990.60	15	10	976.0	966.0	13.6	977.3	960
32	533651.50	133032.33	991.0	990.81	9	10	982.0	972.0	12.8	978.2	965
34	533651.28	132726.36	982.5	982.54	5	10	977.5	967.5	7.1	975.4	950
35	533686.10	132606.52	983.0	982.81	5	10	978.0	968.0	8.1	974.9	943
36	533521.11	132657.53	983.5	983.02	5	10	978.5	968.5	9.1	974.4	950
37	533610.91	132816.39	980.5	980.37	5	10	975.5	965.5	6.0	974.5	960
38	533629.02	132922.84	981.4	980.77	5	10	976.4	966.4	5.7	975.7	967
40R	533758.52	133159.76	991.6	991.60	5	20	986.6	966.6	16.0	975.6	960
42	533615.04	133252.28	988.5	988.33	10	10	978.5	968.5	12.8	975.7	952
43	533534.56	133230.22	985.7	989.67	10	10	975.7	965.7	10.9	974.8	952
44	533554.95	133143.65	988.8	988.33	10	10	978.8	968.8	12.9	975.9	957
47	533769.03	133425.13	991.6	991.09	15	10	976.6	966.6	17.9	973.7	952
48	533661.94	133479.47	989.0	992.39	15	10	974.0	964.0	13.8	975.2	948
49R	533676.54	133574.30	989.1	988.71	5	20	984.1	964.1	15.4	973.7	948
49RR	533698.66	133560.68	990.0	989.80	10	15	980.0	965.0	16.2	973.8	948
50	533353.13	132665.31	986.0	985.79	4.5	20	981.5	961.5	10.2	975.8	953
51	533297.07	132548.81	985.3	985.38	4.5	20	980.8	960.8	11.6	973.7	942
52	533237.36	132442.30	985.5	985.18	4.2	20	981.3	961.3	11.6	973.9	942
53	533585.77	133562.47	987.2	986.90	8	20	979.2	959.2	13.5	973.7	947
54	533545.63	133474.93	986.1	985.78	7	20	979.1	959.1	13.3	972.8	947
55	533634.73	133502.84	987.5	989.45	7	20	980.5	960.5	14.0	973.5	947

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	Northing	Easting									
57	533638.76	133262.06	990.1	989.80	8	20	982.1	962.1	12.8	977.3	952
58	533568.99	133374.44	986.3	985.79	8	20	978.3	958.3	13.2	973.1	948
59	533600.67	133366.09	986.8	986.32	8	20	978.8	958.8	14.8	972.0	948
ESA2S-64	533152.10	132820.00	985.1	984.98	7	15	978.1	963.1	11.6	973.5	964
64R	533771.64	133196.84	994.0	993.37	15.3	6	978.7	972.7	16.9	977.1	957
64S	533631.91	132677.26	983.5	984.48	3.5	25	980.0	955.0	14.8	968.7	947
64S-Caisson	533631.91	132677.26	983.5	984.40	N/A	N/A	N/A	N/A	N/A	971.5	N/A
64V	533608.93	133375.13	987.0	987.29	10	20	977.0	957.0	21.5	965.5	948
64X(N)	533549.89	133305.85	983.8	984.83	N/A	N/A	N/A	969.0	10.8	973.0	947
64X(S)	533472.53	133365.38	980.5	981.56	10	5	970.5	965.5	10.6	969.9	940
64X(W)	533440.04	133269.78	983.8	984.87	10	7.5	973.8	966.3	14.0	969.8	945
95-1	532972.02	131952.97	983.9	983.77	8	10	975.9	965.9	9.6	974.3	N/A
95-4R	533543.50	132537.60	985.8	988.36	10	10	975.8	965.8	11.0	974.8	943
95-5	533509.14	132456.06	986.8	989.45	8	10	978.8	968.8	12.1	974.6	947
95-7R	533788.30	132610.40	992.1	994.56	17.5	10	974.6	964.6	16.1	976.0	946
E2SC-03I	533473.03	133392.16	980.4	982.12	34.5	10	945.9	935.9	7.8	972.7	936
E2SC-17	533516.03	133454.75	983.8	985.38	36.7	10	947.1	937.1	10.4	973.4	941
E2SC-21	533227.19	132595.20	982.3	981.70	5	10	977.3	967.3	8.6	973.7	950
E2SC-23	533344.44	133132.75	990.1	992.07	9	10	981.1	971.1	14.7	975.4	955
E2SC-24	533535.46	133544.45	986.0	987.90	9	10	977.0	967.0	12.9	973.1	940
3-6C-EB-14	532899.25	132124.98	984.7	984.20	12	9.5	972.7	963.2	11.5	973.2	950
3-6C-EB-22	532909.20	131931.76	983.3	986.94	6.7	9.8	976.6	966.8	9.3	974.0	958
3-6C-EB-25	532878.30	131758.00	982.6	986.31	11.8	9.5	970.8	961.3	9.5	973.1	958
3-6C-EB-28	532872.86	131728.32	982.8	985.79	6.9	14.5	975.9	961.4	10.0	972.8	958
ES2-01	533454.42	133267.97	985.7	985.36	25	10	960.7	950.7	12.2	973.5	945
ES2-02A	533023.60	132497.90	980.2	979.63	3	15	977.2	962.2	6.6	973.6	940
ES2-05	533324.15	132017.21	990.8	990.65	9	15	981.8	966.8	16.9	973.9	963
ES2-06	533465.77	133277.92	986.3	986.00	37.5	10	948.8	938.8	12.7	973.6	943
ES2-08	533337.75	132969.67	995.3	994.87	10	15	985.3	970.3	21.4	973.9	962
ES2-09	533782.33	132501.21	991.6	991.25	10	10	981.6	971.6	13.9	977.7	955
ES2-11	533441.48	132610.85	985.8	985.05	5	15	980.8	965.8	11.1	974.7	945
ES2-16	533463.77	132335.90	987.1	986.88	10	10	977.1	967.1	10.8	976.3	960
ES2-18	533420.31	132264.62	987.1	986.86	12	22	975.1	953.1	13.1	974.0	962
GMA1-13	533785.70	133705.20	989.5	991.41	15	10	974.5	964.5	15.4	974.1	<964
GMA1-14	534006.20	132995.20	995.3	997.29	12	10	983.3	973.3	16.1	979.2	<973
GMA1-15	533257.00	132155.00	986.6	988.59	6	10	980.6	970.6	12.4	974.2	<970
GMA1-16	533167.90	132359.90	985.1	986.82	8	10	977.1	967.1	10.7	974.4	<967
GMA1-17E	533783.10	132983.90	993.4	993.03	7.5	10	985.9	975.9	15.0	978.3	<975
GMA1-17W	533784.60	134234.60	993.3	992.63	14	10	979.3	969.3	15.0	978.3	<969

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	Northing	Easting									
GMA1-19	533102.40	132207.90	984.63	984.28	7.59	10	977.0	967.0	10.7	974.0	N/A
GMA1-20	533023.20	132361.60	983.76	983.49	7.78	10	976.0	966.0	10.1	973.7	N/A
GMA1-21	533117.60	132435.20	983.40	985.68	7.37	10	976.0	966.0	9.6	973.8	N/A
GMA1-22	533212.2000	132052.8000	988.74	988.45	10	10	978.7	968.7	14.9	973.9	N/A
GMA1-23	533094.4000	132083.4000	986.44	986.16	7	10	979.4	969.4	12.6	973.8	N/A
GMA1-24	533009.4000	132194.8000	984.19	983.81	6	10	978.2	968.2	10.9	973.3	N/A
HR-C-RW-1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HR-G1-MW-1	533112.00	132805.24	980.3	982.42	7.4	10	972.9	962.9	7.5	972.8	965
HR-G1-MW-2	533091.85	132769.58	978.0	980.23	15.5	10	962.5	952.5	5.1	972.9	960
HR-G1-MW-3	533046.00	132710.10	978.3	980.21	7	10	971.3	961.3	5.4	972.9	955
HR-G2-MW-1	532985.08	132603.74	979.1	982.60	3.4	10	975.7	965.7	6.3	972.8	953
HR-G2-MW-2	532962.82	132558.96	977.9	981.39	3	10	974.9	964.9	4.2	973.7	950
HR-G2-MW-3	532917.49	132477.19	984.1	987.14	8.8	10	975.3	965.3	10.9	973.2	940
HR-G2-RW-1	532955.37	132567.50	975.0	976.88	7.8	5	967.2	962.2	2.2	972.8	950
HR-G3-MW-1	532900.30	132455.10	983.7	987.10	4.1	10	979.6	969.6	10.8	972.9	940
HR-G3-MW-2	532887.95	132335.02	984.3	987.88	4.1	10	980.2	970.2	11.4	972.9	935
HR-G3-RW-1	532872.09	132399.67	976.8	977.78	7.23	2	969.6	967.6	3.6	973.2	937
HR-J1-MW-1	532859.90	131661.60	983.6	985.95	8.22	15	975.4	960.4	10.7	972.9	959
HR-J1-MW-2	532837.20	131571.10	983.7	983.56	7.92	10	975.8	965.8	10.4	973.3	952
HR-J1-MW-3	532823.10	131533.90	984.6	987.68	6.32	15	978.3	963.3	11.8	972.8	951
HR-J1-RW-1	532815.99	131580.58	975.0	975.05	12	2	963.0	961.0	2.4	972.6	952
M-R	533918.80	132612.00	995.8	998.19	15.8	10	980.0	970.0	16.2	979.6	952
P3	533662.24	133183.10	989.3	989.25	4	10	985.3	975.3	5.2	984.1	955
PZ-1S	533390.53	133214.18	990.1	989.93	13.26	5.58	976.8	971.3	17.2	972.9	950
PZ-6S	533452.92	133327.82	984.3	984.13	7.34	5.5	977.0	971.5	11.6	972.7	942
RW-1(S)	533423.56	132379.69	987.0	987.23	10	20	977.0	957.0	17.8	969.2	950
RW-1(X)	533438.75	133301.18	982.7	982.68	9	15	973.7	958.7	14.4	968.3	943
RW-2(X)	533389.37	133238.18	986.2	985.96	9	15	977.2	962.2	15.1	971.0	951
RW-3(X)	533486.57	133387.39	980.9	980.28	36	10	944.9	934.9	8.7	972.2	936
TMP-1	533798.77	133577.02	N/A	992.74	N/A	N/A	N/A	N/A	N/A	973.7	954

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	Northing	Easting									
East Street Area 2-North (RAA 5)											
05-N	534367.44	133101.83	1,009.5	1,009.23	18	10	991.5	981.5	24.6	984.9	985
11-N	534386.95	132639.74	1,011.5	1010.85	30	10	981.5	971.5	30.5	981.0	972
14-N	534368.48	133215.75	1,010.7	1010.53	24	10	986.7	976.7	23.6	987.1	988
16-N	534382.34	132782.39	1,011.0	1010.65	30	10	981.0	971.0	30.6	980.4	972
17-N	534404.43	132702.02	1,010.6	1010.49	30	10	980.6	970.6	30.1	980.5	975
17A	535187.45	132107.05	1,024.2	1,023.86	5	15	1,019.2	1,004.2	8.1	1,016.1	1,014
19-N	534406.01	132514.18	1,011.1	1010.68	30	10	981.1	971.1	30.1	981.0	977
20-N	534419.83	132465.12	1,011.2	1010.66	30	10	981.2	971.2	29.2	982.0	977
23-N	534444.85	132701.53	1,011.3	1011.13	30	10	981.3	971.3	30.5	980.8	979
24-N	534465.08	132697.89	1,011.1	1010.50	30	10	981.1	971.1	30.1	981.0	980
27-N	534625.27	132729.89	1,010.9	1010.40	25	10	985.9	975.9	25.8	985.1	987
95-12	534383.12	132689.27	1,010.4	1010.20	30	10.00	980.4	970.4	28.4	981.9	970
ES1-5	534750.38	135063.62	1,023.4	1,023.33	35	10	988.4	978.4	39.9	983.4	982
ES1-18	535027.22	133724.97	1,049.8	1,049.71	4	10	1,045.8	1,035.8	7.0	1,042.8	1,044
ES1-20	535314.82	134924.90	997.8	1,001.56	6	10	991.8	981.8	10.7	987.2	<981
ES1-27R	534603.10	134604.20	1,023.4	1,023.19	9.3	10	1,014.1	1,004.1	8.7	1,014.7	1,007
East Street Area 1-North (RAA 6)											
25	534255.49	134362.69	1,000.7	1000.70	2	15	998.7	983.7	5.8	994.9	991
49	534248.57	134406.54	999.9	999.90	2	20	997.9	977.9	5.3	994.6	991
ESA1-52	534253.80	134565.90	999.7	999.26	2	20	997.7	977.7	5.6	994.2	990
60R	534263.60	133932.60	1,000.6	1004.03	5.41	10	995.2	985.2	7.4	993.2	985
105	534272.77	134057.88	1,002.9	1002.85	2	15	1,000.9	985.9	7.4	995.5	985
106	534277.70	134109.40	1,003.1	1004.06	3	20.00	1,000.1	980.1	7.2	995.9	985
107	534282.78	134160.80	1,003.9	1,003.86	2	15	1,001.9	986.9	6.8	997.1	986
108A	534336.66	134174.14	1,007.8	1,007.79	5	15	1,002.8	987.8	10.1	997.7	992
109A	534317.23	134068.87	1,005.5	1,005.43	5	15	1,000.5	985.5	8.2	997.3	988
118	534363.96	134345.23	1,001.5	1,001.50	2	8	999.5	991.5	4.2	997.3	993
120	534283.01	134356.93	1,001.3	1,001.30	2	13	999.3	986.3	5.9	995.4	992
128	534262.27	134443.76	1,001.4	1,001.41	1	14	1,000.4	986.4	6.7	994.7	991
131	534334.97	134401.77	1,001.3	1001.18	3	5	998.3	993.3	4.5	996.8	993
140	534238.61	134022.06	1,000.3	1,000.30	2	15	998.3	983.3	7.3	993.0	988
ES1-8	534257.78	134216.20	1,001.2	1,000.85	5	10	996.2	986.2	5.8	995.4	987
North Caisson	534248.54	134125.96	998.0	997.84	7.5	11	990.5	979.5	17.9	980.1	990

**Table 1
Monitoring Well Construction Summary**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	Survey Coordinates		Ground Elevation (Feet AMSL)	Measuring Point Elevation (Feet AMSL)	Depth to Top of Screen (Feet bgs)	Screen Length (Feet)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Average Depth to Groundwater (Feet bgs)	Average Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)
	Northing	Easting									
East Street Area 1-South (RAA 18)											
31R	534143.90	134059.50	1,000.5	1000.23	5.5	10	995.0	985.0	9.2	991.3	991
33	534197.32	134184.99	999.5	999.50	3	20	996.5	976.5	6.0	993.5	982
34	534204.90	134261.79	999.9	999.90	3	20	996.9	976.9	5.8	994.1	983
35	534216.67	134377.60	1,000.2	1000.15	3	20	997.2	977.2	5.7	994.5	990
37R	533949.60	133932.60	989.0	988.79	7.77	10	981.3	971.3	10.2	978.8	966
45	534220.26	134405.22	1,000.1	1000.10	2	20	998.1	978.1	5.6	994.5	990
46	534223.35	134455.17	999.8	999.80	2	20	997.8	977.8	5.9	993.9	990
72	534191.24	134257.11	1,000.6	1000.62	3	20	997.6	977.6	6.6	994.0	983
72R	534196.10	134234.60	1,001.2	1000.92	4	10	997.2	987.2	6.6	994.6	988
75	534188.71	134334.44	1,000.7	1000.65	3	20	997.7	977.7	6.5	994.2	990
76	534194.27	134426.76	1,000.5	1000.45	3	20	997.5	977.5	6.9	993.6	988
78	534076.98	134253.66	997.6	997.61	2	20	995.6	975.6	3.1	994.5	982
80	N/A	N/A	990.00	989.98	6.5	25	983.5	958.5	5.0	985.0	N/A
89	534032.28	134341.86	993.9	993.89	1	10	992.9	982.9	2.7	991.2	984
90	N/A	N/A	987.70	987.65	2	13	985.7	972.7	5.7	982.0	N/A
139R	533841.60	135011.00	987.39	986.91	6	10	981.4	971.4	10.6	976.8	N/A
ES1-13	534209.68	134576.80	1,000.0	999.93	4	10	996.0	986.0	7.1	992.9	987
ES1-23R	533883.20	134539.90	987.9	989.94	4	10	983.9	973.9	2.3	985.6	<974
ES1-24	533837.41	134748.85	990.41	990.61	4	10	986.4	976.4	8.2	982.2	N/A
GMA1-6	534084.30	134455.50	1,000.7	1,000.44	5	10	995.7	985.7	8.4	992.4	985
GMA1-7	533766.80	134345.00	986.1	985.81	5.4	10	980.7	970.7	12.0	974.0	964
GMA1-18	534221.00	134872.50	998.52	998.29	4	10	994.5	984.5	6.4	991.8	N/A
South Caisson	534173.43	134432.12	1,000.5	1001.11	4	12	996.5	984.5	12.9	987.6	987

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Monitoring Well Construction Summary**

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	Northing	Easting									
Lyman Street Area (RAA 12)											
E-4	532781.86	131381.90	986.0	987.98	11.6	10	974.4	964.4	13.8	972.2	953
E-7	533184.18	131010.65	983.3	982.87	4.6	15	978.7	963.7	7.3	976.0	960
EPA-01	532404.00	130818.40	983.3	983.04	18	4	965.3	961.3	10.8	972.6	958
GMA1-5	532063.90	129887.50	979.6	979.50	3.5	10	976.1	966.1	7.5	972.1	N/A
LS-12	532544.49	130773.27	982.6	985.49	7	15	975.6	960.6	9.5	973.1	958
LS-13	532726.19	130912.04	985.1	984.65	10	15	975.1	960.1	11.5	973.6	965
LS-21	532584.70	130988.93	983.9	983.42	8	10	975.9	965.9	11.7	972.3	967
LS-24	532649.95	131080.03	986.6	986.58	10.45	11.45	976.1	964.7	13.9	972.7	961
LS-28	532643.84	130705.47	983.6	986.06	8.6	15	975.0	960.0	9.4	974.2	960
LS-29	532807.58	131047.39	988.3	988.25	24.6	10	963.7	953.7	13.4	975.0	954
LS-30	532620.97	130874.13	984.2	986.44	8.6	10	975.6	965.6	11.4	972.8	966
LS-31	532663.75	130942.01	984.9	987.09	10.6	10	974.3	964.3	11.3	973.5	965
LS-34	532547.16	130747.16	983.0	985.79	16	9.5	967.0	957.5	10.0	973.0	958
LS-38	532454.93	130852.50	984.7	986.95	12.6	10	972.1	962.1	12.4	972.3	962
LS-41	532497.23	130906.32	983.9	986.41	5.2	14.5	978.7	964.2	12.8	971.1	965
LS-43	532463.03	130718.21	981.4	981.17	16.7	9.5	964.7	955.2	7.4	974.0	956
LS-44	532395.07	130746.02	981.3	980.78	16.7	9.5	964.6	955.1	9.0	972.3	956
LSSC-06	532545.12	130828.24	983.4	984.91	8	10.00	975.4	965.4	10.7	972.8	965
LSSC-07	532512.42	130714.50	982.9	982.48	16	10	966.9	956.9	10.0	972.9	954
LSSC-08I	532406.30	130816.34	983.6	983.13	13	10	970.6	960.6	11.0	972.6	958
LSSC-08S	532408.89	130817.23	983.6	983.11	5	10	978.6	968.6	11.5	972.1	958
LSSC-09	532560.23	130968.42	983.4	985.06	6	10	977.4	967.4	11.3	972.1	965
LSSC-16I	532495.89	130691.87	981.6	980.88	18	10	963.6	953.6	9.3	972.3	956
LSSC-16S	532500.50	130690.30	981.5	981.37	5	10	976.5	966.5	8.6	972.8	956
LSSC-18	532664.70	131107.50	987.6	987.32	9	10	978.6	968.6	14.8	972.8	961
LSSC-32	532377.06	130590.77	980.9	980.68	26	10	954.9	944.9	8.3	972.6	949
LSSC-33	532416.27	130678.87	981.0	980.49	20	10	961.0	951.0	8.3	972.6	955
LSSC-34I	532506.10	130803.12	983.0	984.74	15	10	968.0	958.0	10.7	972.3	960
LSSC-34S	532502.63	130807.44	982.9	985.01	5	10	977.9	967.9	10.7	972.2	960
MW-3R	532488.50	130320.80	981.9	981.78	10	5	971.9	966.9	8.7	973.2	<966.9
MW-4R	532351.60	130525.40	981.2	980.82	9	5	972.2	967.2	8.7	972.5	<969.7
MW-6R	532826.50	130329.50	985.5	985.14	4	10	981.5	971.5	11.0	974.5	<971.5
RW-1	532599.66	131008.57	984.3	984.88	8	10	976.3	966.3	11.4	972.9	967
RW-1(R)	532585.81	131015.89	984.8	985.07	9.4	10	975.4	965.4	15.4	969.4	965
RW-2	532617.86	131063.93	986.0	985.92	11	10	975.0	965.0	13.7	972.3	968
RW-3	532506.39	130896.84	984.0	984.08	N/A	11	N/A	N/A	15.8	968.2	965

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Monitoring Well Construction Summary**

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Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	Survey Coordinates		Ground Elevation (Feet AMSL)	Measuring Point Elevation (Feet AMSL)	Depth to Top of Screen (Feet bgs)	Screen Length (Feet)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Average Depth to Groundwater (Feet bgs)	Average Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)
	Northing	Easting									
Newell Street Area II (RAA 13)											
GMA1-8	532537.20	131175.60	981.9	981.66	5.7	10	976.2	966.2	9.6	972.3	961
GMA1-9	532597.60	131346.30	979.1	982.36	7.1	10	972.0	962.0	6.2	972.9	957
GMA1-25	532475.20	131882.30	987.51	987.19	5	10	982.5	972.5	13.2	974.4	N/A
GMA1-26	532359.40	131417.30	983.73	985.53	5	10	978.7	968.7	8.7	975.1	N/A
GMA1-27	532319.70	131693.20	981.30	983.29	4	10	977.3	967.3	6.0	975.3	N/A
GMA1-28	532449.00	131306.00	981.70	983.49	4	10	977.7	967.7	8.1	973.6	N/A
MW-1D	532513.20	131501.30	984.5	987.20	21.9	14.5	962.6	948.1	11.1	973.4	950
MW-1S	532519.00	131497.20	984.6	986.60	7.9	14.5	976.7	962.2	11.2	973.4	950
N2SC-01I	532583.13	131668.56	983.60	984.99	28	7	955.6	948.6	10.6	973.0	946
N2SC-01I(R)	532577.40	131668.80	983.30	985.98	28	10	955.3	945.3	N/A	N/A	946
N2SC-02	532594.30	131592.60	983.3	985.56	26.5	10	956.8	946.8	9.1	974.2	947
N2SC-03I	532536.68	131579.89	983.53	985.33	27	10	956.5	946.5	8.2	975.3	948
N2SC-03I(R)	532536.68	131579.89	983.53	985.33	28	10	955.5	945.5	N/A	972.7	948
N2SC-07	532721.95	131582.50	982.9	984.61	25	10	957.9	947.9	9.9	973.0	948
N2SC-07S	532707.00	131599.50	983.2	982.93	8.9	10	974.3	964.3	10.5	972.7	948
N2SC-08	532481.42	131722.50	983.7	986.07	29	10	954.7	944.7	9.8	973.9	945
N2SC-09I	532443.75	131612.08	985.2	987.77	30	10	955.2	945.2	11.1	974.1	949
N2SC-09S	532438.64	131611.72	982.9	982.75	5	10	977.9	967.9	7.6	975.3	949
N2SC-14	532617.20	131618.23	983.40	985.06	26	10	957.4	947.4	12.4	971.0	947
N2SC-16	532614.00	131558.35	983.4	985.62	29	10	954.4	944.4	10.2	973.2	944
NS-10	532517.43	131813.35	987.4	987.14	5	15	982.4	967.4	12.7	974.8	950
NS-20	532361.30	131815.43	985.6	985.29	6	10	979.6	969.6	6.9	978.7	954
NS-30	532686.78	131552.33	983.10	985.99	26.1	9.5	957.0	947.5	7.7	975.4	948
NS-37	532786.16	132142.18	983.6	986.20	11.05	9.5	972.6	963.1	11.0	972.6	943

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	Northing	Easting									
Newell Street Area I (RAA 14)											
FW-16R	532907.36	132756.80	984.1	986.51	8	9.5	976.1	966.6	10.7	973.4	955
IA-9R	532749.28	132436.47	984.7	984.14	7.4	9.5	977.3	967.8	11.2	973.5	958
MM-1	532538.00	132097.40	988.3	988.04	5	10	983.3	973.3	12.2	976.2	957
SILVER LAKE AREA (RAA 17)											
SLGW-1D	534103.00	130536.10	981.2	983.13	30	5	951.2	946.2	2.5	978.7	<945.2
SLGW-1S	534100.50	130531.10	981.2	982.94	4	10	977.2	967.2	4.9	976.3	<945.2
SLGW-2D	533727.50	129779.00	983.6	985.10	30	5	953.6	948.6	5.8	977.8	<947.6
SLGW-2S	533726.00	129785.50	983.5	985.39	4	10	979.5	969.5	5.8	977.7	<947.5
SLGW-3D	533471.80	129332.90	977.2	979.14	26	5	951.2	946.2	-0.8	978.0	<945.2
SLGW-3S	533477.60	129331.10	977.6	981.21	1.5	10	976.1	966.1	1.3	976.3	<945.6
SLGW-4D	533121.90	129350.50	981.8	983.51	30	5	951.8	946.8	4.3	977.5	<945.8
SLGW-4S	533117.20	129348.30	982.0	984.02	4	10	978.0	968.0	5.6	976.4	<946
SLGW-5D	533005.60	130016.30	979.6	979.30	29	5	950.6	945.6	3.6	976.1	<945.64
SLGW-5S	533003.70	130023.50	979.8	979.12	2	10	977.78	967.78	3.7	976.1	<945.78
SLGW-6D	533313.70	131019.30	982.2	981.63	30	5	952.16	947.16	5.8	976.4	<946.16
SLGW-6S	533308.00	131017.30	982.2	981.66	4	10	978.2	968.2	5.9	976.3	<946.2

NOTES:

1. The listed wells were utilized during fall 2005 for groundwater elevation/NAPL monitoring.
2. Feet AMSL: Feet above mean sea level
3. Feet bgs: Feet below ground surface
4. N/A: Information not available.

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
40s Complex (RAA 1)			
95-17	Supplemental Data Collection		
RF-04	Semi-Annual		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
30s Complex (RAA 2)			
95-16	Semi-Annual		
ES2-19	Semi-Annual		
GMA1-12	Supplemental Data Collection		
RF-02	Supplemental Data Collection		
RF-03	Semi-Annual		
RF-03D	Supplemental Data Collection		
RF-16R	Semi-Annual		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
20s Complex (RAA 3)			
CC	Semi-Annual		
EE	Semi-Annual		
FF	Supplemental Data Collection		
GG	Semi-Annual		
II	Semi-Annual		
JJ	Semi-Annual		
LL-R	Semi-Annual		
P-R	Semi-Annual		
QQ-R	Semi-Annual		
U	Semi-Annual		
Y	Semi-Annual		
East Street Area 2-South (RAA 4)			
01R	Semi-Annual		
2	Semi-Annual		
5	Semi-Annual		
6	Semi-Annual		
09R	Semi-Annual		Well was dry during the fall 2007 Semi-Annual Monitoring Round
10	Semi-Annual		Well was dry during the fall 2007 Semi-Annual Monitoring Round
13	Monthly	Any recoverable quantities of NAPL are removed	
14	Monthly	Any recoverable quantities of NAPL are removed	
16R	Semi-Annual		
19	Weekly	Any recoverable quantities of NAPL are removed	
25R	Monthly	Any recoverable quantities of NAPL are removed	
26RR	Monthly		
28	Semi-Annual		
29	Semi-Annual		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
30	Semi-Annual		
31	Semi-Annual		
32	Semi-Annual		
34	Semi-Annual		Well was dry during the fall 2007 Semi-Annual Monitoring Round
35	Semi-Annual		
36	Semi-Annual		
37	Semi-Annual		
38	Semi-Annual		
40R	Monthly		Well was not monitored during the fall 2007 monitoring event.
42	Semi-Annual		
43	Semi-Annual		
44	Semi-Annual		
47	Semi-Annual		
48	Monthly	Any recoverable quantities of NAPL are removed	
49R	Monthly		
49RR	Monthly		
50	Quarterly		
51	Semi-Annual		
52	Semi-Annual		
53	Quarterly		
54	Semi-Annual		
55	Monthly		
57	Semi-Annual		
58	Semi-Annual		
59	Semi-Annual		
64	Semi-Annual		
95-01	Monthly		
95-04R	Monthly	Any recoverable quantities of NAPL are removed	
95-05	Semi-Annual		
95-07R	Monthly	Any recoverable quantities of NAPL are removed	
E2SC-03I	Semi-Annual	No NAPL is removed during routine monitoring	
E2SC-17	Semi-Annual	No NAPL is removed during routine monitoring	
E2SC-21	Semi-Annual		
E2SC-23	Monthly		
E2SC-24	Monthly		
3-6C-EB-14	Semi-Annual		
3-6C-EB-22	Monthly		
3-6C-EB-25	Semi-Annual		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
3-6C-EB-28	Semi-Annual		
ES2-01	Semi-Annual		
ES2-02A	Semi-Annual		
ES2-05	Semi-Annual		
ES2-06	Semi-Annual		
ES2-08	Semi-Annual		
ES2-09	Semi-Annual		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
ES2-11	Semi-Annual		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
ES2-14	Semi-Annual	Monitoring to be discontinued during EPA operation of staging area	
ES2-15	Semi-Annual	Monitoring to be discontinued during EPA operation of staging area	
ES2-16	Semi-Annual		
ES2-17	Semi-Annual	Monitoring to be discontinued during EPA operation of staging area	
ES2-18	Semi-Annual		
GMA1-13	Semi-Annual		
GMA1-14	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-15	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-16	Monthly		
GMA1-17E	Monthly		
GMA1-19	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-20	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-21	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-22	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-23	Weekly	Any recoverable quantities of NAPL are removed	
GMA1-24	Weekly	Any recoverable quantities of NAPL are removed	
HR-C-RW-1	Semi-Annual		
HR-G1-MW-1	Quarterly		
HR-G1-MW-2	Quarterly		
HR-G1-MW-3	Quarterly		
HR-G2-MW-1	Monthly		
HR-G2-MW-2	Monthly		
HR-G2-MW-3	Monthly		
HR-G2-RW-1	Monthly		
HR-G3-MW-1	Quarterly		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
HR-G3-MW-2	Quarterly		
HR-G3-RW-1	Quarterly		
HR-J1-MW-1	Quarterly		
HR-J1-MW-2	Quarterly		
HR-J1-MW-3	Quarterly		
HR-J1-RW-1	Quarterly		
M-R	Semi-Annual		
P3	Semi-Annual		
PZ-1S	Semi-Annual		
PZ-6S	Semi-Annual		
TMP-1	Quarterly		
East Street Area 2-North (RAA 5)			
05-N	Semi-Annual		
11-N	Semi-Annual		
14-N	Semi-Annual		
16-N	Semi-Annual		
17-N	Semi-Annual		
17A	Semi-Annual		
19-N	Semi-Annual		
20-N	Semi-Annual		
23-N	Semi-Annual		
24-N	Semi-Annual		
95-12	Supplemental Data Collection		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
ES1-05	Semi-Annual		
ES1-18	Semi-Annual		
ES1-20	Semi-Annual		
ES1-27R	Semi-Annual		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
East Street Area 1-North (RAA 6)			
25	Semi-Annual		
49	Semi-Annual		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
52	Quarterly	Any recoverable quantities of NAPL are removed	
60R	Semi-Annual		
80	Semi-Annual		
90	Semi-Annual		
105	Semi-Annual		
106	Semi-Annual		
107	Semi-Annual		
108A	Semi-Annual		
109A	Semi-Annual		
118	Semi-Annual		
120	Semi-Annual		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
128	Semi-Annual		
131	Quarterly	Any recoverable quantities of NAPL are removed	
140	Quarterly		
ES1-08	Quarterly		
East Street Area 1 - South (RAA 18)			
31R	Monthly		
33	Monthly		
34	Monthly	Any recoverable quantities of NAPL are removed	
35	Semi-Annual		
45	Semi-Annual		
46	Semi-Annual		
72	Monthly	Any recoverable quantities of NAPL are removed	
72R	Monthly	Any recoverable quantities of NAPL are removed	
75	Semi-Annual		
76	Semi-Annual		
78	Semi-Annual		
80	Semi-Annual		
90	Semi-Annual		
139R	Semi-Annual		
ES1-13	Semi-Annual		
ES1-23R	Supplemental Data Collection		
GMA1-6	Semi-Annual		
GMA1-7	Semi-Annual		
GMA1-18	Semi-Annual		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
Lyman Street Area (RAA 12)			
B-02	Semi-Annual		
E-04	Semi-Annual		
E-07	Supplemental Data Collection		
EPA-1	Monthly		
GMA1-5	Semi-Annual		
LS-12	Semi-Annual		
LS-13	Semi-Annual		
LS-21	Semi-Annual		
LS-24	Monthly		
LS-29	Semi-Annual		
LS-30	Monthly		
LS-31	Monthly		
LS-34	Quarterly		
LS-38	Monthly	Any recoverable quantities of NAPL are removed	
LS-43	Quarterly		
LS-44	Monthly		
LSSC-06	Semi-Annual		
LSSC-07	Weekly	Any recoverable quantities of NAPL are removed	
LSSC-08I	Weekly	Any recoverable quantities of NAPL are removed	
LSSC-08S	Monthly		
LSSC-09	Semi-Annual		
LSSC-16I	Monthly	Any NAPL will be removed	
LSSC-16S	Semi-Annual		
LSSC-18	Monthly		
LSSC-32	Monthly		
LSSC-33	Monthly		
LSSC-34I	Quarterly		
LSSC-34S	Semi-Annual		
MW-3R	Semi-Annual		
MW-4R	Quarterly		
MW-6R	Supplemental Data Collection		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
Newell Street Area II (RAA 13)			
GMA1-8	Quarterly		
GMA1-9	Quarterly		
GMA1-25	Quarterly		
GMA1-26	Quarterly		
GMA1-27	Quarterly		
GMA1-28	Quarterly		
MW-1D	Quarterly		
MW-1S	Quarterly		
N2SC-01I	Monthly	No NAPL is removed during routine monitoring	
N2SC-03I	Monthly	No NAPL is removed during routine monitoring	
N2SC-02	Monthly	Any NAPL will be removed	
N2SC-07	Monthly	Any NAPL will be removed	
N2SC-07S	Quarterly		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
N2SC-08	Monthly		
N2SC-09I	Semi-Annual		
N2SC-09S	Quarterly		
N2SC-13I	Semi-Annual		
N2SC-14	Semi-Annual		
N2SC-16	Semi-Annual		
NS-10	Quarterly		
NS-15R	Monthly		Could not be located during the Fall 2007 Semi-Annual Monitoring Round.
NS-17	Quarterly		
NS-20	Quarterly		
NS-30	Quarterly		
NS-32	Quarterly		
NS-37	Semi-Annual		
Newell Street Area I (RAA 14)			
FW-16R	Semi-Annual		
IA-9R	Semi-Annual		
MM-1	Semi-Annual		

Table 2
Groundwater/NAPL Monitoring Program and Removal Criteria

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Current Monitoring Frequency	NAPL Removal Criteria (If different from Standard Criteria for wells located where NAPL is known to be present)	Comments
Silver Lake Area (RAA 17)			
SLGW-1D	Supplemental Data Collection		
SLGW-1S	Supplemental Data Collection		
SLGW-2D	Supplemental Data Collection		Could not be located during the Fall 2007 Monitoring Round
SLGW-2S	Supplemental Data Collection		Could not be located during the Fall 2007 Monitoring Round
SLGW-3D	Supplemental Data Collection		
SLGW-3S	Supplemental Data Collection		
SLGW-4S	Supplemental Data Collection		
SLGW-5D	Supplemental Data Collection		
SLGW-5S	Semi-Annual		
SLGW-6D	Supplemental Data Collection		
SLGW-6S	Semi-Annual		

NOTES:

1. Unless noted otherwise, the listed wells utilize the proposed Standard Criteria for manual NAPL removal during routine monitoring of 0.25 feet for LNAPL and 0.5 feet for DNAPL.
2. The exceptions listed above only apply for the type of NAPL that the well is designed to monitor.
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
Automated LNAPL Recovery System Summary

NAPL Monitoring Report For Fall 2006
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts

Removal Action Area /	July 2006 Recovery		August 2006 Recovery		September 2006 Recovery		October 2006 Recovery	
	LNAPL	Groundwater	LNAPL	Groundwater	LNAPL	Groundwater	LNAPL	Groundwater
EAST STREET AREA 1 - NORTH								
NORTHSIDE RECOVERY SYSTEM	0.0	18,500	0.0	21,700	0.0	13,000	0.0	17,000
EAST STREET AREA 1 - SOUTH								
SOUTHSIDE RECOVERY SYSTEM	0.0	58,900	0.0	84,900	25.0	59,400	1.0	55,800
EAST STREET AREA 2 - SOUTH								
64R	250	345,697	25	38,948	75	4,627	0	16,844
GMA1-17W	0	--	0	--	0	--	21	--
64S	472	732,853	238	646,128	188	393,032	82	400,898
RW-1(S)	28	722,887	17	741,315	12	554,826	31	900,898
64V	548	885,300	548	1,016,400	332	794,600	432	825,400
64X	28	388,800	127	504,000	24.2	403,200	68.2	403,200
RW-1(X)	0	369,041	0	471,215	1.1	374,761	0	397,949
RW-2(X)	0	1,076,551	0	1,146,830	1	546,233	0	574,780
LYMAN STREET AREA								
RW-1R ⁽¹⁾	0	206,016	0	216,359	0	172,604	0	184,541
RW-2 ⁽¹⁾	0	206,016	0	216,359	0	172,604	0	184,541
RW-3 ⁽¹⁾	0	206,016	0	216,359	0	172,604	0	184,541
GMA 1 TOTAL								
	1,326	4,804,545	955	4,887,795	658	3,316,283	635	3,777,310

NOTES:

1. Groundwater collection is a combined total from the RW-1(R), RW-2, and RW-3 recovery systems.

Table 3
Automated LNAPL Recovery System Summary

NAPL Monitoring Report For Fall 2006
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts

Removal Action Area /	November 2006 Recovery		December 2006 Recovery		Fall 2006 Total Recovery	
	LNAPL	Groundwater	LNAPL	Groundwater	LNAPL	Groundwater
EAST STREET AREA 1 - NORTH						
NORTHSIDE RECOVERY SYSTEM	1.1	26,700	0.0	13,700	1	110,600
EAST STREET AREA 1 - SOUTH						
SOUTHSIDE RECOVERY SYSTEM	1.1	92,200	0.6	64,400	28	415,600
EAST STREET AREA 2 - SOUTH						
64R	12.5	211,062	18.8	85,911	381	703,089
GMA1-17W	24	--	13	--	58	--
64S	75	682,641	209	638,261	1,264	3,493,813
RW-1(S)	85	877,320	43	900,898	216	4,698,144
64V	855	1,181,500	493	1,017,800	3,207	5,721,000
64X	13.9	489,600	14.9	446,400	276	2,635,200
RW-1(X)	2	545,763	0	435,048	3	2,593,777
RW-2(X)	0	742,383	0	681,784	1	4,768,561
LYMAN STREET AREA						
RW-1R ⁽¹⁾	0	270,731	0	205,096	0	1,255,347
RW-2 ⁽¹⁾	0	270,731	0	205,096	0	1,255,347
RW-3 ⁽¹⁾	0	270,731	0	205,096	0	1,255,347
GMA 1 TOTAL						
	1,070	5,119,900	792	4,489,298	5,435	26,395,131

NOTES:

1. Groundwater collection is a combined total from the RW-1(R), RW-2, and RW-3 recovery systems.

Table 3
Automated LNAPL Recovery System Summary

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts

Removal Action Area /	July 2007 Recovery		August 2007 Recovery		September 2007 Recovery		October 2007 Recovery	
	LNAPL	Groundwater	LNAPL	Groundwater	LNAPL	Groundwater	LNAPL	Groundwater
EAST STREET AREA 1 - NORTH								
NORTHSIDE RECOVERY SYSTEM	0.9	11,800	1.2	12,556	0.0	12,400	0.0	15,152
EAST STREET AREA 1 - SOUTH								
SOUTHSIDE RECOVERY SYSTEM	1.1	35,770	0.0	39,570	0.0	55,950	0.0	63,450
EAST STREET AREA 2 - SOUTH								
64R	56	75,278	19	3,083	0	10	12.5	16
GMA1-17W	1	--	2	--	1	--	1	--
64S	158	516,126	58	351,341	93	169,177	339	171,979
RW-1(S)	14	728,718	24	533,804	76	388,294	137	397,362
64V	423	720,200	274	695,600	199	521,700	303	698,300
64X	4	432,000	83	489,600	191.0	403,200	110.0	475,200
RW-1(X)	0	288,576	0	486,758	0	400,292	0	478,460
RW-2(X)	0	621,704	0	748,698	17	556,053	0	596,911
LYMAN STREET AREA								
RW-1R ⁽¹⁾	0	186,214	0	100,728	0	183,351	0	144,238
RW-2 ⁽¹⁾	0	186,214	0	100,728	0	183,351	0	144,238
RW-3 ⁽¹⁾	5	186,214	0	100,728	5	183,351	5	144,238
GMA 1 TOTAL								
	663	3,616,386	461	3,461,738	582	2,690,427	907	3,041,068

NOTES:

1. Groundwater collection is a combined total from the RW-1(R), RW-2, and RW-3 recovery systems.

Table 3
Automated LNAPL Recovery System Summary

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts

Removal Action Area /	November 2007 Recovery		December 2007 Recovery		Fall 2007 Total Recovery	
	LNAPL	Groundwater	LNAPL	Groundwater	LNAPL	Groundwater
EAST STREET AREA 1 - NORTH						
NORTHSIDE RECOVERY SYSTEM	0.0	11,806	0.0	13,067	2	76,781
EAST STREET AREA 1 - SOUTH						
SOUTHSIDE RECOVERY SYSTEM	0.0	62,580	0.0	75,570	1	332,890
EAST STREET AREA 2 - SOUTH						
64R	0	0	0	118	88	78,505
GMA1-17W	0	--	0	--	5	--
64S	0	181,928	0	261,518	648	1,652,069
RW-1(S)	63	406,149	68	459,311	382	2,913,638
64V	374	636,800	448	657,800	2,021	3,930,400
64X	116.0	403,200	34.0	432,000	538	2,635,200
RW-1(X)	0	393,698	0	427,529	0	2,475,313
RW-2(X)	0	527,224	0	493,808	17	3,544,398
LYMAN STREET AREA						
RW-1R ⁽¹⁾	0	139,963	0	154,499	0	908,993
RW-2 ⁽¹⁾	0	139,963	0	154,499	0	908,993
RW-3 ⁽¹⁾	0	139,963	5	154,499	20	908,993
GMA 1 TOTAL	553	2,763,348	555	2,975,220	3,721	18,548,187

NOTES:

1. Groundwater collection is a combined total from the RW-1(R), RW-2, and RW-3 recovery systems.

Table 4
Automated DNAPL Recovery System Summary

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts

Removal Action Area / Recovery System	July 2006 DNAPL Recovery (Gallons)	August 2006 DNAPL Recovery (Gallons)	September 2006 DNAPL Recovery (Gallons)	October 2006 DNAPL Recovery (Gallons)	November 2006 DNAPL Recovery (Gallons)	December 2006 DNAPL Recovery (Gallons)	Fall 2006 Total DNAPL Recovery (Gallons)
EAST STREET AREA 2-SOUTH							
RW-3(X)	28	37	26	22	32	18	163
NEWELL STREET AREA II							
SYSTEM 2	-- ¹	-- ¹	97.2	340.2	224.1	54	715.5
GMA 1 TOTAL	28	37	123.2	362.2	256.1	72	878.5

Removal Action Area / Recovery System	July 2007 DNAPL Recovery (Gallons)	August 2007 DNAPL Recovery (Gallons)	September 2007 DNAPL Recovery (Gallons)	October 2007 DNAPL Recovery (Gallons)	November 2007 DNAPL Recovery (Gallons)	December 2007 DNAPL Recovery (Gallons)	Fall 2007 Total DNAPL Recovery (Gallons)
EAST STREET AREA 2-SOUTH							
RW-3(X)	25	28	40	36	20	27	175.5
NEWELL STREET AREA II							
SYSTEM 1	-- ¹	-- ¹	-- ¹	-- ¹	-- ¹	-- ¹	0.0
SYSTEM 2	75.2	67.5	54.0	67.5	205.0	54	523.2
GMA 1 TOTAL	100.4	95.2	93.6	103.5	225	81	698.7

Notes:

¹

The DNAPL recovery systems for Newell Street Area II were shut down on July 25, 2005. An upgraded system (System 2) was completed and activated on August 30, 2006.

Table 5
Seasonal Groundwater Elevation Data And Monitoring Well Usage Summary

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Ground Elevation (Feet AMSL)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Overall Average Groundwater Elevation (Feet AMSL)	Average Low Groundwater Elevation (Feet AMSL)	Average High Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)	Type of Monitoring Applicable to Well in Fall 2007		
								Water Table	LNAPL	DNAPL
40s Complex (RAA 1)										
RF-04	1,012.2	1,002.2	987.2	996.6	995.8	997.4	988	X	X	X
95-17	1,007.6	987.6	977.6	984.2	983.5	983.7	983	X	X	X
30s Complex (RAA 2)										
95-16	1,007.9	993.9	983.9	992.0	991.8	992.3	988	X	X	X
ES2-19	1,007.6	996.1	988.1	993.6	993.3	993.7	1,000	X	X	X
GMA1-12	989.3	979.9	969.9	976.4	976.1	976.7	977	X	X	X
RF-02	983.4	980.4	965.4	976.8	976.3	977.4	965	X	X	X
RF-03	985.6	982.6	967.6	976.0	975.8	976.1	N/A	X	X	---
RF-03D	985.5	954.9	949.9	977.7	977.6	977.8	N/A	---	---	---
RF-16R	988.2	981.2	966.2	978.6	978.5	978.8	967	X	X	X
20s Complex (RAA 3)										
CC	998.8	982.0	967.0	979.9	979.0	980.9	972	X	X	X
EE	1,004.5	984.5	969.5	980.2	979.3	981.1	974	X	X	X
FF	1,005.7	985.7	970.7	981.9	980.5	983.3	969	X	X	---
GG	1,007.4	987.4	972.4	982.5	981.8	983.1	973	X	X	X
II	1,007.3	987.3	972.3	980.7	979.3	982.1	973	X	X	X
JJ	1,006.4	983.4	968.4	980.2	978.9	981.5	968	X	X	X
LL-R	1,007.7	989.7	974.7	981.8	981.4	982.5	977	X	X	X
P-R	1,003.0	986.8	976.8	979.6	978.7	980.4	961	X	X	---
QQ-R	998.6	985.6	970.6	979.6	978.5	980.8	967	X	X	---
U	998.9	994.9	969.9	979.4	978.2	980.5	965	X	X	---
Y	1,002.9	996.9	966.9	979.6	978.5	980.8	966	X	X	X

Table 5
Seasonal Groundwater Elevation Data And Monitoring Well Usage Summary

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Ground Elevation (Feet AMSL)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Overall Average Groundwater Elevation (Feet AMSL)	Average Low Groundwater Elevation (Feet AMSL)	Average High Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)	Type of Monitoring Applicable to Well in Fall 2007		
								Water Table	LNAPL	DNAPL
East Street Area 2-South (RAA 4)										
01R	992.9	982.9	967.9	980.4	980.1	980.9	963	X	X	---
2	996.4	981.4	971.4	978.0	977.5	979.3	967	X	X	---
5	996.0	987.0	972.0	979.6	979.5	982.1	949	X	X	---
6	991.4	976.4	966.4	976.9	976.4	978.5	947	X	---	---
09R	987.3	982.3	967.3	974.2	973.8	974.7	950	X	X	---
10	988.3	978.3	968.3	973.9	973.7	974.1	957	X	X	---
13	991.3	981.3	961.3	974.2	973.8	974.8	964	X	X	X
14	992.4	982.4	962.4	974.4	973.8	975.3	964	X	X	X
16R	987.2	981.3	961.3	975.4	974.8	976.0	951	X	X	---
19	984.1	974.1	959.1	973.2	972.5	973.6	947	X	X	---
25R	995.5	986.5	966.5	978.0	976.9	978.5	963	X	X	---
26RR	998.4	985.4	970.4	979.5	978.5	980.6	<970.4	X	X	---
28	991.5	976.5	966.5	978.4	977.1	978.9	958	X	---	---
29	992.1	975.1	965.1	973.9	973.7	974.6	955	X	X	---
30	990.0	976.0	966.0	977.3	976.8	977.8	960	X	---	---
31	991.0	976.0	966.0	977.3	976.8	977.8	960	X	---	---
32	991.0	982.0	972.0	978.2	978.1	978.6	965	X	X	---
34	982.5	977.5	967.5	975.4	974.8	976.1	950	X	X	---
35	983.0	978.0	968.0	974.9	974.8	975.6	943	X	X	---
36	983.5	978.5	968.5	974.4	974.0	975.8	950	X	X	---
37	980.5	975.5	965.5	974.5	974.3	975.5	960	X	X	---
38	981.4	976.4	966.4	975.7	975.4	977.0	967	X	X	X
40R	991.6	986.6	966.6	975.6	974.7	976.4	960	X	X	---
42	988.5	978.5	968.5	975.7	975.7	977.0	952	X	X	---
43	985.7	975.7	965.7	974.8	975.3	975.2	952	X	X	---
44	988.8	978.8	968.8	975.9	975.7	977.1	957	X	X	---
47	991.6	976.6	966.6	973.7	973.6	974.8	952	X	X	---
48	989.0	974.0	964.0	975.2	974.9	975.6	948	X	---	---
49R	989.1	984.1	964.1	973.7	973.2	974.7	948	X	X	---

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								Water Table	LNAPL	DNAPL
49RR	990.0	980.0	965.0	973.8	973.2	974.6	948	X	X	---
50	986.0	981.5	961.5	975.8	975.2	976.6	953	X	X	---
51	985.3	980.8	960.8	973.7	973.4	974.9	942	X	X	---
52	985.5	981.3	961.3	973.9	972.9	974.6	942	X	X	---
53	987.2	979.2	959.2	973.7	972.5	975.1	947	X	X	---
54	986.1	979.1	959.1	972.8	972.0	973.9	947	X	X	---
55	987.5	980.5	960.5	973.5	972.9	974.2	947	X	X	---
57	990.1	982.1	962.1	977.3	977.0	978.6	952	X	X	---
58	986.3	978.3	958.3	973.1	972.7	973.8	948	X	X	---
59	986.8	978.8	958.8	972.0	971.4	972.8	948	X	X	---
ESA2S-64	985.1	978.1	963.1	973.5	972.6	973.8	964	X	X	X
64R	994.0	978.7	972.7	977.1	976.8	976.8	957	X	X	---
64S	983.5	980.0	955.0	968.7	966.6	968.7	947	X	X	---
64S-Caisson	983.5	--	--	971.5	974.5	N/A	N/A	X	X	---
64V	987.0	977.0	957.0	965.5	965.4	965.3	948	X	X	X
64X(N)	983.8	N/A	969.0	973.0	972.5	973.8	947	X	X	---
64X(S)	980.5	970.5	965.5	969.9	968.8	970.5	940	X	X	---
64X(W)	983.8	973.8	966.3	969.8	968.9	970.5	945	X	X	---
95-1	983.9	975.9	965.9	974.3	973.4	974.8	N/A	X	X	---
95-4R	985.8	975.8	965.8	974.8	974.2	975.2	943	X	X	---
95-5	986.8	978.8	968.8	974.6	974.4	974.9	947	X	X	---
95-7R	992.1	974.6	964.6	976.0	975.3	976.3	946	X	---	---
E2SC-03I	980.4	945.9	935.9	972.7	972.1	974.0	936	---	---	X
E2SC-17	983.8	947.1	937.1	973.4	972.9	974.2	941	---	---	X
E2SC-21	982.3	977.3	967.3	973.7	973.3	974.1	950	X	X	---
E2SC-23	990.1	981.1	971.1	975.4	974.4	976.3	955	X	X	---
E2SC-24	986.0	977.0	967.0	973.1	972.1	974.2	940	X	X	---
3-6C-EB-14	984.7	972.7	963.2	973.2	972.6	974.7	950	X	X	---
3-6C-EB-22	983.3	976.6	966.8	974.0	973.0	974.1	958	X	X	---
3-6C-EB-25	982.6	970.8	961.3	973.1	972.8	974.6	958	X	---	---
3-6C-EB-28	982.8	975.9	961.4	972.8	972.5	974.1	958	X	X	---

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								Water Table	LNAPL	DNAPL
ES2-01	985.7	960.7	950.7	973.5	972.9	974.7	945	---	---	---
ES2-02A	980.2	977.2	962.2	973.6	973.5	974.2	940	X	X	---
ES2-05	990.8	981.8	966.8	973.9	973.5	975.1	963	X	X	---
ES2-06	986.3	948.8	938.8	973.6	972.9	974.7	943	---	---	X
ES2-08	995.3	985.3	970.3	973.9	973.5	975.3	962	X	X	---
ES2-09	991.6	981.6	971.6	977.7	977.6	977.9	955	X	X	---
ES2-11	985.8	980.8	965.8	974.7	974.3	975.2	945	X	X	---
ES2-16	987.1	977.1	967.1	976.3	976.1	976.4	960	X	X	---
ES2-18	987.1	975.1	953.1	974.0	973.5	974.5	962	X	X	X
GMA1-13	989.5	974.5	964.5	974.1	972.9	974.6	<964	X	X	---
GMA1-14	995.3	983.3	973.3	979.2	977.6	980.2	<973	X	X	---
GMA1-15	986.6	980.6	970.6	974.2	973.2	974.6	<970	X	X	---
GMA1-16	985.1	977.1	967.1	974.4	973.5	974.8	<967	X	X	---
GMA1-17E	993.4	985.9	975.9	978.3	977.7	978.9	N/A	X	X	---
GMA1-19	984.63	977.0	967.0	974.0	973.9	974.5	N/A	X	X	---
GMA1-20	983.76	976.0	966.0	973.7	973.5	974.3	N/A	X	X	---
GMA1-21	983.40	976.0	966.0	973.8	973.8	974.3	N/A	X	X	---
GMA1-22	988.74	978.7	968.7	973.9	973.4	974.7	N/A	X	X	---
GMA1-23	986.44	979.4	969.4	973.8	973.3	974.6	N/A	X	X	---
GMA1-24	984.19	978.2	968.2	973.3	972.9	974.1	N/A	X	X	---
HR-C-RW-1	N/A	N/A	N/A	NO DATA	NO DATA	NO DATA	N/A	---	---	X
HR-G1-MW-1	980.3	972.9	962.9	972.8	972.0	973.5	965	X	X	X
HR-G1-MW-2	978.0	962.5	952.5	972.9	972.2	973.7	960	---	---	X
HR-G1-MW-3	978.3	971.3	961.3	972.9	971.8	973.7	955	X	---	---
HR-G2-MW-1	979.1	975.7	965.7	972.8	971.8	973.4	953	X	X	---
HR-G2-MW-2	977.9	974.9	964.9	973.7	972.5	974.4	950	X	X	---
HR-G2-MW-3	984.1	975.3	965.3	973.2	972.4	973.4	940	X	X	---
HR-G2-RW-1	975.0	967.2	962.2	972.8	972.1	973.6	950	X	X	---
HR-G3-MW-1	983.7	979.6	969.6	972.9	971.5	973.7	940	X	X	---
HR-G3-MW-2	984.3	980.2	970.2	972.9	972.3	972.6	935	X	X	---

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								Water Table	LNAPL	DNAPL
HR-G3-RW-1	976.8	969.6	967.6	973.2	972.5	974.0	937	X	---	---
HR-J1-MW-1	983.6	975.4	960.4	972.9	972.0	973.2	959	X	X	---
HR-J1-MW-2	983.7	975.8	965.8	973.3	972.6	973.6	952	X	X	---
HR-J1-MW-3	984.6	978.3	963.3	972.8	972.4	973.7	951	X	X	---
HR-J1-RW-1	975.0	963.0	961.0	972.6	971.8	973.1	952	---	---	---
M-R	995.8	980.0	970.0	979.6	978.0	981.3	952	X	X	---
P3	989.3	985.3	975.3	984.1	984.0	984.2	955	X	X	---
PZ-1S	990.1	976.8	971.3	972.9	972.2	974.3	950	X	X	---
PZ-6S	984.3	977.0	971.5	972.7	972.1	973.6	942	X	X	---
RW-1(S)	987.0	977.0	957.0	969.2	968.9	969.3	950	X	X	X
RW-1(X)	982.7	973.7	958.7	968.3	967.5	968.8	943	X	X	---
RW-2(X)	986.2	977.2	962.2	971.0	969.2	972.0	951	X	X	---
RW-3(X)	980.9	944.9	934.9	972.2	971.3	972.8	936	---	---	X
TMP-1	N/A	N/A	N/A	973.7	973.1	974.6	954	X	---	---
East Street Area 2-North (RAA 5)										
05-N	1,009.5	991.5	981.5	984.9	984.9	985.2	985	X	X	X
11-N	1,011.5	981.5	971.5	981.0	979.8	982.1	972	X	X	X
14-N	1,010.7	986.7	976.7	987.1	986.9	987.2	988	X	X	X
16-N	1,011.0	981.0	971.0	980.4	979.4	981.4	972	X	X	X
17-N	1,010.6	980.6	970.6	980.5	979.5	981.5	975	X	X	X
17A	1,024.2	1,019.2	1,004.2	1,016.1	1,015.7	1,015.6	1,014	X	X	X
19-N	1,011.1	981.1	971.1	981.0	980.3	981.8	977	X	X	X
20-N	1,011.2	981.2	971.2	982.0	981.3	982.7	977	X	---	X
23-N	1,011.3	981.3	971.3	980.8	979.8	981.8	979	X	X	X
24-N	1,011.1	981.1	971.1	981.0	980.1	982.0	980	X	X	X
95-12	1,010.4	980.4	970.4	981.9	980.6	982.7	970	X	---	X
ES1-5	1,023.4	988.4	978.4	983.4	983.1	984.4	982	X	X	X
ES1-18	1,049.8	1,045.8	1,035.8	1,042.8	1,041.2	1,042.8	1,044	X	X	X
ES1-27R	1,023.4	1,014.1	1,004.1	1,014.7	1,014.2	1,015.3	1,007	X	---	X

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								Water Table	LNAPL	DNAPL
East Street Area 1-North (RAA 6)										
25	1,000.7	998.7	983.7	994.9	994.6	995.2	991	X	X	X
49	999.9	997.9	977.9	994.6	994.2	994.9	991	X	X	X
ESA1N-52	999.7	997.7	977.7	994.2	994.1	994.5	990	X	X	X
60R	1,000.6	995.2	985.2	993.2	992.8	993.3	985	X	X	X
105	1,002.9	1,000.9	985.9	995.5	995.0	996.1	985	X	X	X
106	1,003.1	1,000.1	980.1	995.9	995.7	997.1	985	X	X	X
107	1,003.9	1,001.9	986.9	997.1	996.7	997.4	986	X	X	X
108A	1,007.8	1,002.8	987.8	997.7	997.6	997.8	992	X	X	X
109A	1,005.5	1,000.5	985.5	997.3	997.1	997.4	988	X	X	X
118	1,001.5	999.5	991.5	997.3	997.0	997.5	993	X	X	X
120	1,001.3	999.3	986.3	995.4	995.0	995.7	992	X	X	X
128	1,001.4	1,000.4	986.4	994.7	994.5	995.0	991	X	X	X
131	1,001.3	998.3	993.3	996.8	996.6	997.3	993	X	X	X
140	1,000.3	998.3	983.3	993.0	992.5	993.5	988	X	X	X
ES1-8	1,001.2	996.2	986.2	995.4	995.2	996.3	987	X	X	X
North Caisson	998.0	990.5	979.5	980.1	979.9	980.3	990	X	X	X
East Street Area 1-South (RAA 18)										
31R	1,000.5	995.0	985.0	991.3	990.9	991.6	991	X	X	X
33	999.5	996.5	976.5	993.5	993.2	994.1	982	X	X	X
34	999.9	996.9	976.9	994.1	993.9	994.5	983	X	X	X
35	1,000.2	997.2	977.2	994.5	994.2	994.8	990	X	X	X
37R	989.0	981.3	971.3	978.8	978.5	979.3	966	X	X	---
45	1,000.1	998.1	978.1	994.5	994.2	994.7	990	X	X	X
46	999.8	997.8	977.8	993.9	993.7	994.1	990	X	X	X
72	1,000.6	997.6	977.6	994.0	993.8	994.4	983	X	X	X
72R	1,001.2	997.2	987.2	994.6	994.3	994.9	988	X	X	X
75	1,000.7	997.7	977.7	994.2	993.9	994.6	990	X	X	X
76	1,000.5	997.5	977.5	993.6	993.4	993.8	988	X	X	X
78	997.6	995.6	975.6	994.5	994.4	994.5	982	X	X	X
80	990.00	983.5	958.5	985.0	984.1	985.2	N/A	X	---	---
89	993.9	992.9	982.9	985.0	989.9	985.2	984	X	X	X
90	987.70	985.7	972.7	982.0	981.7	982.1	N/A	X	X	---
139R	987.39	981.4	971.4	976.8	975.3	977.3	N/A	X	X	---
ES1-13	1,000.0	996.0	986.0	992.9	989.9	994.1	987	X	X	X
ES1-23R	987.9	983.9	973.9	985.6	983.4	986.8	<974	X	X	X
ES1-24	990.41	986.4	976.4	982.2	978.2	986.3	N/A	X	---	---
GMA1-6	1,000.7	995.7	985.7	992.4	992.0	992.8	985	X	X	X
GMA1-7	986.1	980.7	970.7	974.0	973.6	974.7	964	X	X	---
GMA1-18	998.52	994.5	984.5	991.8	989.8	992.8	N/A	X	X	---
South Caisson	1,000.5	996.5	984.5	987.6	987.7	987.8	987	X	X	X

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								Water Table	LNAPL	DNAPL
Lyman Street Area (RAA 12)										
B-2	978.5	975.5	960.5	971.6	971.5	972.9	N/A	X	X	---
E-4	986.0	974.4	964.4	972.2	971.9	972.8	953	X	X	---
E-7	983.3	978.7	963.7	976.0	975.7	976.8	960	X	X	---
EPA-01	983.3	965.3	961.3	972.6	971.1	973.0	958	---	---	X
GMA1-5	979.6	976.1	966.1	972.1	971.1	972.8	N/A	X	X	---
LS-12	982.6	975.6	960.6	973.1	972.7	974.2	958	X	X	X
LS-13	985.1	975.1	960.1	973.6	973.1	974.8	965	X	X	X
LS-21	983.9	975.9	965.9	972.3	971.7	973.7	967	X	X	X
LS-24	986.6	976.1	964.7	972.7	971.5	973.5	961	X	X	---
LS-29	988.3	963.7	953.7	975.0	974.2	975.2	954	---	---	X
LS-30	984.2	975.6	965.6	972.8	972.3	973.4	966	X	X	X
LS-31	984.9	974.3	964.3	973.5	973.0	974.2	965	X	X	X
LS-34	983.0	967.0	957.5	973.0	972.1	974.1	958	---	---	X
LS-38	984.7	972.1	962.1	972.3	971.5	973.0	962	X	X	X
LS-41	983.9	978.7	964.2	971.1	970.7	971.8	965	X	X	X
LS-43	981.4	964.7	955.2	974.0	971.9	975.0	956	---	---	X
LS-44	981.3	964.6	955.1	972.3	971.6	973.1	956	---	---	X
LSSC-06	983.4	975.4	965.4	972.8	971.8	974.1	965	X	X	X
LSSC-07	982.9	966.9	956.9	972.9	972.2	973.5	954	---	---	X
LSSC-08I	983.6	970.6	960.6	972.6	971.2	973.4	958	X	---	X
LSSC-08S	983.6	978.6	968.6	972.1	971.1	972.8	958	X	X	---
LSSC-09	983.4	977.4	967.4	972.1	971.4	973.3	965	X	X	---
LSSC-16I	981.6	963.6	953.6	972.3	972.0	972.1	956	---	---	X
LSSC-16S	981.5	976.5	966.5	972.8	971.9	973.8	956	X	X	---
LSSC-18	987.6	978.6	968.6	972.8	971.6	973.7	961	X	X	---
LSSC-32	980.9	954.9	944.9	972.6	971.7	973.5	949	---	---	X
LSSC-33	981.0	961.0	951.0	972.6	971.6	973.4	955	---	---	X
LSSC-34I	983.0	968.0	958.0	972.3	971.5	973.3	960	X	---	X
LSSC-34S	982.9	977.9	967.9	972.2	971.6	973.4	960	X	X	---
MW-3R	981.9	971.9	966.9	973.2	973.0	974.7	<966.9	X	---	---
MW-4R	981.2	975.7	965.7	972.5	971.3	973.3	<969.7	X	X	--
MW-6R	985.5	981.5	971.5	974.5	974.0	975.1	<971.5	X	X	--
RW-1	984.3	976.3	966.3	972.9	972.0	973.4	967	X	X	X
RW-1(R)	984.8	975.4	965.4	969.4	969.3	969.2	965	X	X	X
RW-2	986.0	975.0	965.0	972.3	971.6	973.7	968	X	X	X
RW-3	984.0	N/A	N/A	968.2	967.9	968.6	965	X	X	---

Table 5
Seasonal Groundwater Elevation Data And Monitoring Well Usage Summary

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Ground Elevation (Feet AMSL)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Overall Average Groundwater Elevation (Feet AMSL)	Average Low Groundwater Elevation (Feet AMSL)	Average High Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)	Type of Monitoring Applicable to Well in Fall 2007		
								Water Table	LNAPL	DNAPL
Newell Street Area II (RAA 13)										
GMA1-8	981.9	976.2	966.2	972.3	971.5	973.4	961	X	X	---
GMA1-9	979.1	972.0	962.0	972.9	972.1	973.5	957	X	---	---
GMA1-25	987.51	987.5	987.5	974.4	973.0	976.2	N/A	X	---	X
GMA1-26	983.73	983.7	983.7	975.1	973.3	975.5	N/A	X	---	X
GMA1-27	981.30	981.3	981.3	975.3	974.4	977.0	N/A	X	---	X
GMA1-28	981.70	981.7	981.7	973.6	972.5	975.1	N/A	X	---	X
MW-1D	984.5	962.6	948.1	973.4	972.7	974.3	950	---	---	X
MW-1S	984.6	976.7	962.2	973.4	972.9	974.4	950	X	X	X
N2SC-01I	983.60	955.6	948.6	973.0	973.1	973.3	946	---	---	X
N2SC-01I(R)	983.30	955.3	945.3	974.2	974.2	975.4	946	---	---	X
N2SC-2	983.3	956.8	946.8	974.2	973.0	975.4	947	---	---	X
N2SC-03I	983.53	956.5	946.5	975.3	975.8	974.3	948	---	---	X
N2SC-03I(R)	983.5	955.5	945.5	972.7	972.3	973.7	946	---	---	X
N2SC-07	982.9	957.9	947.9	973.0	972.2	973.4	948	---	---	X
N2SC-07S	983.2	974.3	964.3	972.7	971.6	973.4	948	X	X	---
N2SC-08	983.7	954.7	944.7	973.9	973.6	974.4	945	---	---	X
N2SC-09I	985.2	955.2	945.2	974.1	973.4	975.6	949	---	---	X
N2SC-09S	982.9	977.9	967.9	975.3	973.8	977.6	949	X	X	---
N2SC-13I	983.0	954.5	944.5	973.6	973.1	974.7	945	---	---	X
N2SC-14	983.40	957.4	947.4	971.0	970.8	971.7	947	---	---	X
N2SC-16	983.4	954.4	944.4	973.2	972.1	973.9	944	---	---	X
NS-10	987.4	982.4	967.4	974.8	973.7	975.7	950	X	X	---
NS-17	982.0	976.0	966.0	972.6	971.8	973.3	948	X	X	---
NS-20	985.6	979.6	969.6	978.7	978.8	979.6	954	X	X	---
NS-30	983.10	957.0	947.5	975.4	975.9	974.8	948	---	---	X
NS-32	983.60	955.0	945.5	974.8	975.4	974.2	946	---	---	X
NS-37	983.6	972.6	963.1	972.6	971.3	973.7	943	X	X	---
Newell Street Area I (RAA 14)										
FW-16R	984.1	976.1	966.6	973.4	972.4	974.9	955	X	X	---
IA-9R	984.7	977.3	967.8	973.5	972.5	974.1	958	X	X	---
MM-1	988.3	983.3	973.3	976.2	975.7	977.0	957	X	X	---

Table 5
Seasonal Groundwater Elevation Data And Monitoring Well Usage Summary

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Ground Elevation (Feet AMSL)	Top of Screen Elevation (Feet AMSL)	Base of Screen Elevation (Feet AMSL)	Overall Average Groundwater Elevation (Feet AMSL)	Average Low Groundwater Elevation (Feet AMSL)	Average High Groundwater Elevation (Feet AMSL)	Till/Silt Elevation (Approximate) (Feet AMSL)	Type of Monitoring Applicable to Well in Fall 2007		
								Water Table	LNAPL	DNAPL
SILVER LAKE AREA (RAA 17)										
SLGW-1D	981.2	951.2	946.2	978.7	978.1	979.1	<945.2	---	---	X
SLGW-1S	981.2	977.2	967.2	976.3	975.9	976.3	<945.2	X	X	---
SLGW-2D	983.6	953.6	948.6	977.8	976.8	978.0	<947.6	---	---	X
SLGW-2S	983.5	979.5	969.5	977.7	977.2	977.8	<947.5	X	X	---
SLGW-3D	977.2	951.2	946.2	978.0	977.5	978.3	<945.2	---	---	X
SLGW-3S	977.6	976.1	966.1	976.3	976.0	976.4	<945.6	X	X	---
SLGW-4D	981.8	951.8	946.8	977.5	977.1	977.3	<945.8	---	---	X
SLGW-4S	982.0	978.0	968.0	976.4	976.0	977.1	<946	X	X	---
SLGW-5D	979.6	950.6	945.6	976.1	975.9	976.3	<945.64	---	---	X
SLGW-5S	979.8	977.78	967.78	976.1	975.8	976.2	<945.78	X	X	---
SLGW-6D	982.2	952.16	947.16	976.4	975.7	976.7	<946.16	---	---	X
SLGW-6S	982.2	978.2	968.2	976.3	975.6	976.6	<946.2	X	X	---

NOTES:

1. Feet AMSL: Feet above mean sea level
2. Feet BGS: Feet below ground surface
3. N/A: Information not available.
4. Wells are considered to be applicable for DNAPL monitoring if the base of the well screen is less than 1 foot above the till/silt elevation, or if DNAPL has been observed in the well at other depths.

Table 6
Groundwater Elevation and NAPL Thickness - Fall 2007 Monitoring Round

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Groundwater Elevation (Feet AMSL)	LNAPL Thickness (Feet)	DNAPL Thickness (Feet)
40s Complex (RAA 1)			
95-17	983.23	ND	ND
30s Complex (RAA 2)			
95-16	991.55	ND	ND
ES2-19	994.02	ND	ND
GMA1-12	976.21	ND	ND
RF-02	976.03	ND	ND
RF-03	975.95	ND	NA
RF-03D	976.85	NA	NA
20s Complex (RAA 3)			
CC	976.95	0.01	ND
EE	977.64	ND	ND
FF	979.15	ND	NA
GG	980.85	ND	ND
II	977.20	0.05	ND
JJ	976.87	ND	ND
LL-R	980.14	ND	ND
P-R	977.18	ND	NA
QQ-R	976.73	ND	NA
U	976.31	0.02	NA
Y	976.50	ND	ND
East Street Area 2-South (RAA 4)			
01R	978.88	ND	NA
2	975.83	ND	NA
5	979.30	ND	NA
6	974.16	0.01	NA
09R	<967.30	NA	NA
10	<973.39	NA	NA
13	972.66	0.11	ND
14	973.36	0.35	ND
16R	973.20	ND	NA
19	972.18	ND	NA
25R	975.49	1.06	NA
26RR	975.77	0.08	NA
28	973.58	NA	NA
29	972.65	0.87	NA
30	975.63	2.29	NA
31	975.39	NA	NA
32	978.01	ND	NA
34	<973.66	ND	NA
35	972.71	ND	NA
36	973.44	ND	NA
37	973.35	ND	NA
38	974.52	ND	ND
42	973.93	ND	NA
43	974.43	ND	NA
44	974.43	ND	NA
47	972.63	0.58	NA
48	975.97	1.97	NA
49R	972.67	ND	NA
49RR	972.60	ND	NA

Table 6
Groundwater Elevation and NAPL Thickness - Fall 2007 Monitoring Round

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Groundwater Elevation (Feet AMSL)	LNAPL Thickness (Feet)	DNAPL Thickness (Feet)
50	974.00	0.10	NA
51	973.06	ND	NA
ESA2S-52	972.66	ND	NA
53	972.40	ND	NA
54	972.08	ND	NA
55	972.45	0.58	NA
57	975.44	ND	NA
58	972.34	0.03	NA
59	971.22	ND	NA
ESA2S-64	971.99	ND	ND
64R	976.47	< 0.01	NA
64S	965.30	ND	NA
64S-Caisson	NA	0.01	NA
64V	968.05	0.60	< 0.01
64X(N)	972.20	0.01	NA
64X(S)	965.06	0.03	NA
64X(W)	966.14	0.21	NA
95-1	972.84	ND	NA
95-04R	973.55	1.25	NA
95-5	972.97	0.56	NA
95-07R	974.36	0.01	NA
E2SC-03I	972.22	NA	3.25
E2SC-17	973.17	NA	ND
E2SC-21	<973.40	NA	NA
E2SC-23	973.07	ND	NA
E2SC-24	972.17	ND	NA
3-6C-EB-14	967.45	ND	NA
3-6C-EB-22	972.65	ND	NA
3-6C-EB-25	972.83	NA	NA
3-6C-EB-28	972.58	ND	NA
ES2-01	972.48	NA	NA
ES2-02A	972.68	ND	NA
ES2-05	973.28	ND	NA
ES2-06	972.40	NA	ND
ES2-08	972.57	ND	NA
ES2-16	975.10	ND	NA
ES2-18	972.70	ND	ND
GMA1-13	972.66	ND	NA
GMA1-14	976.02	0.05	NA
GMA1-15	972.86	0.45	NA
GMA1-16	972.87	0.01	NA
GMA1-17E	977.13	ND	NA
GMA1-19	972.87	0.18	NA
GMA1-20	972.64	ND	NA
GMA1-21	972.63	ND	NA
GMA1-22	972.91	ND	NA
GMA1-23	972.91	ND	NA
GMA1-24	972.49	ND	NA
HR-C-RW-1	NA	NA	ND
HR-G1-MW-1	971.73	ND	ND
HR-G1-MW-2	971.92	NA	ND
HR-G1-MW-3	971.60	NA	NA

Table 6
Groundwater Elevation and NAPL Thickness - Fall 2007 Monitoring Round

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Groundwater Elevation (Feet AMSL)	LNAPL Thickness (Feet)	DNAPL Thickness (Feet)
HR-G2-MW-1	971.71	ND	NA
HR-G2-MW-2	972.99	ND	NA
HR-G2-MW-3	972.23	ND	NA
HR-G2-RW-1	972.06	ND	NA
HR-G3-MW-1	972.07	ND	NA
HR-G3-MW-2	972.20	ND	NA
HR-G3-RW-1	972.51	NA	NA
HR-J1-MW-3	972.40	ND	NA
HR-J1-MW-2	NA	ND	NA
HR-J1-MW-1	972.16	ND	NA
HR-J1-RW-1	971.97	NA	NA
M-R	976.64	ND	NA
P3	984.15	ND	NA
PZ-1S	972.03	ND	ND
PZ-6S	971.81	ND	NA
RW-1(S)	969.42	0.20	ND
RW-1(X)	967.58	< 0.01	NA
RW-2(X)	972.11	ND	NA
RW-3(X)	970.08	NA	< 0.01
TMP-1	972.34	NA	NA
SG-HR-1	971.99	ND	ND
East Street Area 2-North (RAA 5)			
05-N	984.41	ND	ND
11-N	978.40	ND	ND
14-N	987.03	0.43	ND
16-N	977.70	ND	ND
17A	1,017.51	ND	ND
17-N	977.98	0.14	ND
19-N	978.63	ND	ND
20-N	980.45	NA	ND
23-N	978.50	0.30	ND
24-N	978.83	ND	ND
ES1-5	982.22	ND	ND
ES1-18	1,042.78	ND	ND
ES1-20	985.72	ND	ND
ES1-27R	1,016.03	NA	ND
East Street Area 1-North (RAA 6)			
25	994.20	ND	ND
ESA1N-52	993.74	ND	ND
60R	993.05	ND	ND
105	995.13	0.23	ND
106	994.00	0.28	ND
107	995.85	ND	ND
108A	997.41	ND	ND
109A	996.92	ND	ND
118	996.72	ND	ND
128	994.03	ND	ND
131	996.13	0.02	ND
140	993.08	ND	ND
ES1-8	994.60	ND	ND
North Caisson	979.80	0.01	ND

Table 6
Groundwater Elevation and NAPL Thickness - Fall 2007 Monitoring Round

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Groundwater Elevation (Feet AMSL)	LNAPL Thickness (Feet)	DNAPL Thickness (Feet)
East Street Area 1-South (RAA 18)			
31R	991.02	ND	ND
ESA1S-33	992.98	ND	ND
34	993.70	ND	ND
35	994.00	0.01	ND
45	993.92	0.02	ND
46	993.37	ND	ND
72	993.61	0.08	ND
72R	994.29	ND	ND
75	993.89	ND	ND
76	993.20	0.16	ND
78	994.07	ND	ND
80	985.10	NA	NA
90	982.11	ND	NA
139R	975.86	ND	NA
ES1-13	993.18	ND	ND
ES1-23R	986.23	ND	ND
GMA1-6	992.30	ND	ND
GMA1-7	973.99	ND	NA
GMA1-18	991.04	ND	NA
South Caisson	989.37	< 0.01	ND
Lyman Street Area (RAA 12)			
B-2	970.47	ND	NA
E-4	972.27	ND	ND
E-7	974.98	ND	NA
EPA-1	970.56	NA	ND
GMA1-5	970.50	ND	NA
LS-12	970.21	ND	0.01
LS-13	967.90	ND	ND
LS-21	967.81	0.10	ND
LS-24	968.28	ND	NA
LS-29	969.97	NA	ND
LS-30	970.36	ND	1.63
LS-31	970.72	1.11	0.85
LS-34	970.28	NA	0.37
LS-38	970.00	ND	ND
LS-43	969.76	NA	ND
LS-44	970.66	NA	ND
LSSC-06	968.52	0.02	ND
LSSC-07	971.56	NA	0.98
LSSC-08S	970.46	ND	NA
LSSC-08I	970.25	NA	0.06
LSSC-09	969.60	ND	NA
LSSC-16I	971.23	NA	ND
LSSC-16S	971.30	ND	NA
LSSC-18	968.62	ND	NA
LSSC-32	970.95	NA	ND
LSSC-33	970.96	NA	ND
LSSC-34I	968.74	NA	ND
LSSC-34S	969.01	ND	0.13
MW-3R	972.32	NA	NA
MW-4R	970.91	ND	NA
MW-6R	972.99	ND	NA
RW-1(R)	967.92	< 0.01	< 0.01
RW-2	968.01	ND	ND
RW-3	966.78	0.06	NA

Table 6
Groundwater Elevation and NAPL Thickness - Fall 2007 Monitoring Round

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well ID	Groundwater Elevation (Feet AMSL)	LNAPL Thickness (Feet)	DNAPL Thickness (Feet)
Newell Street Area II (RAA 13)			
GMA1-8	971.85	ND	NA
GMA1-9	972.21	NA	NA
GMA1-25	973.46	NA	ND
GMA1-26	972.87	NA	ND
GMA1-27	973.78	NA	ND
GMA1-28	971.54	NA	ND
MW-1D	972.22	NA	0.12
MW-1S	972.53	ND	0.02
N2SC-01I	972.74	NA	3.36
N2SC-01I(R)	970.10	NA	1.90
N2SC-02	974.25	NA	ND
N2SC-03I	975.46	NA	1.55
N2SC-03I(R)	971.92	NA	1.09
N2SC-07	974.22	NA	ND
N2SC-08	974.12	NA	1.36
N2SC-09I	977.51	NA	ND
N2SC-09S	972.79	ND	NA
N2SC-13I	974.25	NA	0.60
N2SC-14	970.51	NA	0.65
N2SC-16	984.07	NA	ND
NS-10	973.44	0.69	NA
NS-17	972.15	ND	NA
NS-20	977.72	ND	NA
NS-30	975.59	NA	0.07
NS-37	971.75	ND	NA
Newell Street Area I (RAA 14)			
FW-16R	972.20	ND	NA
IA-9R	972.39	ND	NA
MM-1	975.47	ND	NA
Silver Lake Area (RAA 17)			
SLGW-1S	975.87	ND	NA
SLGW-1D	977.47	NA	ND
SLGW-3S	976.01	ND	NA
SLGW-3D	976.62	NA	ND
SLGW-4S	976.04	ND	NA
SLGW-4D	976.02	NA	ND
SLGW-5S	975.94	ND	NA
SLGW-5D	975.93	NA	ND
SLGW-6S	975.93	ND	NA
SLGW-6D	974.78	NA	ND

Notes:

1. The listed wells were monitored during the fall 2007 groundwater elevation monitoring event.
2. Feet AMSL: Feet above mean sea level.
3. NS: Measuring point elevation not surveyed.
4. NA: Not applicable - Well not screened to monitor for either LNAPL (i.e., water level above top of well screen) or DNAPL (i.e., well screen does not intersect till or other confining unit).
5. ND: Not detected.
6. Wells RF-4 (40s Complex), RF-16R (30's Complex), 40R, ES2-09, ES2-11 (East Street Area 2-South) 95-12 (ESA2-North), 49, 120 (ESA1-North), 15R, N2SC-07S (Newell Street Area II), SLGW-2S, and SLGW-2D (Silver Lake) were unable to be measured during the fall 2007 monitoring event. These wells were either not located, inaccessible, or destroyed.

Table 7
Groundwater Elevation and NAPL Monitoring/Recovery
Data Summary: Fall 2007

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			DNAPL Observations			Manual NAPL Recovery	
			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
40s Complex (RAA 1)												
95-17	1	1,007.67	24.44	24.44	0	--	--	0	--	--	0	0
30s Complex (RAA 2)												
95-16	1	1,007.65	16.10	16.10	0	--	--	0	--	--	0	0
ES2-19	1	1,007.22	13.20	13.20	0	--	--	0	--	--	0	0
GMA1-12	1	992.26	16.05	16.05	0	--	--	0	--	--	0	0
RF-02	2	982.43	6.40	7.00	0	--	--	0	--	--	0	0
RF-03	1	985.40	9.45	9.45	0	--	--	0	--	--	0	0
RF-03D	1	985.31	8.46	8.46	0	--	--	0	--	--	0	0
20s Complex (RAA 3)												
CC	2	998.84	21.21	21.90	2	0.01	0.01	0	--	--	0.002	0
EE	2	1,004.27	26.24	26.63	0	--	--	0	--	--	0	0
FF	1	1,005.70	26.55	26.55	0	--	--	0	--	--	0	0
GG	1	1,007.40	26.55	26.55	0	--	--	0	--	--	0	0
II	1	1,007.26	30.11	30.11	1	0.05	0.05	0	--	--	0	0
JJ	1	1,006.38	29.51	29.51	0	--	--	0	--	--	0	0
LL-R	1	1,010.39	30.25	30.25	0	--	--	0	--	--	0	0
P-R	1	1,005.01	27.83	27.83	0	--	--	0	--	--	0	0
QQ-R	1	998.32	21.59	21.59	0	--	--	0	--	--	0	0
U	1	998.89	22.60	22.60	1	0.02	0.02	0	--	--	0	0
Y	2	1,002.86	25.96	26.36	1	0.02	0.02	0	--	--	0.003	0

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			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
East Street Area 2 - South (RAA 4)												
01R	1	992.72	13.84	13.84	0	--	--	0	--	--	0	0
2	2	995.64	19.54	19.81	1	0.01	0.01	0	--	--	0.002	0
5	1	996.10	16.80	16.80	0	--	--	0	--	--	0	0
6	1	991.18	17.03	17.03	1	0.01	0.01	0	--	--	0	0
09R	1	986.88	Dry at 19.58 (feet BMP)									
10	1	987.95	Dry at 14.56 (feet BMP)									
13	6	990.88	18.05	18.78	5	0.10	0.11	0	--	--	0.041	0
14	6	991.61	18.14	19.15	6	0.03	0.45	0	--	--	0.140	0
16R	1	987.10	13.90	13.90	0	--	--	0	--	--	0	0
19	28	983.59	10.73	12.05	0	--	--	0	--	--	0	0
25R	6	998.31	23.20	25.22	6	0.9	5.02	0	--	--	1.985	0
26RR	6	1,000.58	21.62	24.88	6	0.02	0.1	0	--	--	0.016	0
28	1	991.86	18.28	18.28	0	--	--	0	--	--	0	0
29	2	991.59	19.75	19.80	2	0.75	0.87	0	--	--	0.122	0
30	2	989.34	15.84	16.66	2	2.29	2.65	0	--	--	0.416	0
31	1	990.60	15.21	15.21	0	--	--	0	--	--	0	0
32	1	990.81	12.80	12.80	0	--	--	0	--	--	0	0
34	1	982.54	Dry at 8.88 (feet BMP)									
35	1	982.81	10.10	10.10	0	--	--	0	--	--	0	0
36	1	983.02	9.58	9.58	0	--	--	0	--	--	0	0
37	1	980.37	7.02	7.02	0	--	--	0	--	--	0	0
38	1	980.77	6.25	6.25	0	--	--	0	--	--	0	0
40R	4	991.60	Dry at 13.05-13.10 (feet BMP). Attempted 4 times									
42	2	988.33	14.40	14.47	1	0.01	0.01	0	--	--	0.002	0
43	2	989.67	15.24	15.86	1	0.01	0.01	0	--	--	0.002	0
44	1	988.33	13.90	13.90	0	--	--	0	--	--	0	0
47	2	991.09	19.00	20.05	2	0.58	1.49	0	--	--	0.243	0
48	6	992.39	17.01	18.25	6	0.82	1.97	0	--	--	1.073	0

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			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
49R	6	988.71	15.75	16.30	0	--	--	0	--	--	0	0
49RR	6	989.80	16.80	17.40	0	--	--	0	--	--	0	0
50	3	985.79	10.93	11.88	3	0.08	0.13	0	--	--	0.013	0
51	1	985.38	12.32	12.32	0	--	--	0	--	--	0	0
ESA2S-52	1	985.18	12.52	12.52	0	--	--	0	--	--	0	0
53	2	986.90	14.50	14.50	0	--	--	0	--	--	0	0
54	1	985.78	13.70	13.70	0	--	--	0	--	--	0	0
55	6	989.45	17.20	19.10	6	0.45	1.9	0	--	--	0.820	0
57	1	989.80	14.36	14.36	0	--	--	0	--	--	0	0
58	2	985.79	13.48	13.98	2	0.03	0.08	0	--	--	0.013	0
59	1	986.32	15.10	15.10	0	--	--	0	--	--	0	0
64	2	984.98	12.99	13.31	0	--	--	0	--	--	0	0
64R	26	993.37	15.38	17.51	26	<0.01	0.01	0	--	--	0	0
64S	26	984.48	10.10	19.90	7	<0.01	<0.01	19	<0.01	<0.01	0	0
64S - Caisson	26	984.40	9.43	12.00	26	0.01	0.20	0	--	--	0	0
64V	26	987.29	18.20	21.90	26	0.10	2.65	24	<0.01	0.19	0	0
64X(N)	26	984.83	11.91	13.40	26	0.01	0.02	0	--	--	0	0
64X(S)	26	981.56	14.20	18.10	26	0.02	0.7	0	--	--	0	0
64X(W)	26	984.87	18.08	19.64	26	0.01	0.21	0	--	--	0	0
95-01	6	983.77	10.68	11.20	0	--	--	0	--	--	0	0
95-04R	10	988.36	14.83	16.60	10	0.18	1.58	0	--	--	5.104	0
95-05	2	989.45	17.00	17.35	2	0.55	0.56	0	--	--	0.090	0
95-07R	6	994.56	19.16	20.36	3	0.01	0.02	0	--	--	0.020	0
E2SC-03I	6	982.12	9.60	10.50	0	--	--	6	3.25	4.34	0	3.150
E2SC-17	5	985.38	12.05	12.50	0	--	--	0	--	--	0	0
E2SC-21	1	981.70	Dry at 8.30 (feet BMP)									
E2SC-23	7	992.07	17.21	19.18	0	--	--	0	--	--	0	0
E2SC-24	7	987.90	15.53	16.30	0	--	--	0	--	--	0	0
3-6C-EB-14	2	984.20	11.60	16.75	0	--	--	0	--	--	0	0

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			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
3-6C-EB-22	6	986.94	14.07	14.65	0	--	--	0	--	--	0	0
3-6C-EB-25	1	986.31	13.48	13.48	0	--	--	0	--	--	0	0
3-6C-EB-28	1	985.79	13.21	13.21	0	--	--	0	--	--	0	0
ES2-01	1	985.36	12.88	12.88	0	--	--	0	--	--	0	0
ES2-02A	2	979.63	6.95	7.20	0	--	--	0	--	--	0	0
ES2-05	1	990.65	17.37	17.37	0	--	--	0	--	--	0	0
ES2-06	6	986.00	13.11	14.07	1	0.02	0.02	0	--	--	0	0
ES2-08	1	994.87	22.30	22.30	0	--	--	0	--	--	0	0
ES2-16	1	986.88	11.78	11.78	0	--	--	0	--	--	0	0
ES2-18	1	986.86	14.16	14.16	0	--	--	0	--	--	0	0
HR-C-RW-1	1	N/A	7.61	7.61	0	--	--	0	--	--	0	0
HR-G1-MW-1	2	982.42	10.69	10.90	0	--	--	0	--	--	0	0
HR-G1-MW-2	2	980.23	8.31	8.50	0	--	--	0	--	--	0	0
HR-G1-MW-3	2	980.21	8.61	8.92	0	--	--	0	--	--	0	0
HR-G2-MW-1	6	982.60	10.75	11.50	0	--	--	0	--	--	0	0
HR-G2-MW-2	6	981.39	8.30	9.86	0	--	--	0	--	--	0	0
HR-G2-MW-3	6	987.14	14.71	15.52	0	--	--	0	--	--	0	0
HR-G2-RW-1	7	976.88	6.30	7.50	0	--	--	0	--	--	0	0
HR-G3-MW-1	3	987.10	15.03	15.51	0	--	--	0	--	--	0	0
HR-G3-MW-2	2	987.88	15.68	15.93	0	--	--	0	--	--	0	0
HR-G3-RW-1	2	977.78	5.27	5.75	0	--	--	0	--	--	0	0
HR-J1-MW-1	2	985.95	13.79	14.02	0	--	--	0	--	--	0	0
HR-J1-MW-2	2	983.56	11.20	11.52	0	--	--	0	--	--	0	0
HR-J1-MW-3	2	987.68	15.28	15.48	0	--	--	0	--	--	0	0
HR-J1-RW-1	2	975.05	3.08	3.38	0	--	--	0	--	--	0	0
GMA1-13	2	991.41	18.75	19.21	0	--	--	0	--	--	0	0
GMA1-14	27	997.29	18.50	21.75	16	0.01	0.12	0	--	--	0.041	0
GMA1-15	26	988.59	15.52	17.45	26	0.30	1.17	0	--	--	2.850	0
GMA1-16	26	986.82	13.00	14.50	22	0.01	0.3	0	--	--	0.321	0

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			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
GMA1-17E	6	993.03	15.26	16.88	3	0.01	0.01	0	--	--	0.002	0
GMA1-19	26	984.28	11.15	16.30	26	0.18	4.5	0	--	--	4.448	0
GMA1-20	26	983.49	10.32	11.61	0	--	--	0	--	--	0	0
GMA1-21	26	985.68	12.88	13.78	0	--	--	0	--	--	0	0
GMA1-22	26	988.45	14.90	16.12	0	--	--	0	--	--	0	0
GMA1-23	26	986.16	12.75	13.92	0	--	--	0	--	--	0	0
GMA1-24	28	983.81	10.75	12.00	0	--	--	0	--	--	0	0
M-R	2	998.19	21.10	21.55	1	0.01	0.01	0	--	--	0.002	0
P3	2	989.25	5.06	5.10	1	0.01	0.01	0	--	--	0.002	0
PZ-1S	1	989.93	17.90	17.90	0	--	--	0	--	--	0	0
PZ-6S	1	984.13	12.32	12.32	0	--	--	0	--	--	0	0
RW-1(S)	26	987.23	13.06	23.20	26	0.02	1.1	2	<0.01	<0.01	0	0
RW-1(X)	26	982.68	13.80	15.90	25	<0.01	0.39	0	--	--	0	0
RW-2(X)	26	985.96	13.43	18.80	1	0.02	0.02	0	--	--	0	0
RW-3(X)	26	980.28	8.60	10.80	0	--	--	20	<0.01	2.53	0	0
RW-4	14	987.44	14.63	15.32	0	--	--	0	--	--	0	0
SG-HR-1	27	990.73	18.45	20.04	0	--	--	0	--	--	0	0
TMP-1	2	992.74	20.02	20.40	0	--	--	0	--	--	0	0
East Street Area 2 - North (RAA 5)												
05-N	2	1,009.23	24.73	24.82	1	0.02	0.02	0	--	--	0.003	0
11-N	1	1,010.85	32.45	32.45	0	--	--	0	--	--	0	0
14-N	2	1,010.53	23.90	23.95	2	0.15	0.43	0	--	--	0.024	0
16-N	1	1,010.65	32.95	32.95	0	--	--	0	--	--	0	0
17-N	2	1,010.49	32.58	32.64	2	0.14	0.55	0	--	--	0.090	0
17A	1	1,023.86	6.35	6.35	0	--	--	0	--	--	0	0
19-N	1	1,010.68	32.05	32.05	0	--	--	0	--	--	0	0
20-N	2	1,010.66	30.21	30.24	1	0.01	0.01	0	--	--	0.002	0
23-N	2	1,011.13	32.35	32.91	2	0.15	0.30	0	--	--	0.024	0
24-N	2	1,010.50	31.35	31.67	0	--	--	0	--	--	0	0

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			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
ES1-05	2	1,023.33	41.11	41.58	0	--	--	0	--	--	0	0
ES1-18	1	1,049.71	6.93	6.93	0	--	--	0	--	--	0	0
ES1-20	3	1,001.56	14.62	15.84	0	--	--	0	--	--	0	0
ES1-27R	2	1,023.19	7.16	9.30	0	--	--	0	--	--	0	0
East Street Area 1 - North (RAA 6)												
25	2	1,000.70	6.50	6.60	0	--	--	0	--	--	0	0
49	1	999.90	6.00	6.00	0	--	--	0	--	--	0	0
ESA1N-52	3	999.26	4.90	5.93	0	--	--	0	--	--	0	0
60R	1	1,004.03	10.98	10.98	0	--	--	0	--	--	0	0
105	2	1,002.85	7.93	9.00	2	0.23	1.32	0	--	--	0.215	0
106	2	1,004.06	10.32	10.60	2	0.28	0.62	0	--	--	0.101	0
107	2	1,003.86	8.01	8.09	0	--	--	0	--	--	0	0
108A	1	1,007.79	10.38	10.38	0	--	--	0	--	--	0	0
109A	1	1,005.43	8.51	8.51	0	--	--	0	--	--	0	0
118	2	1,001.50	4.78	5.45	0	--	--	0	--	--	0	0
128	1	1,001.41	7.38	7.38	0	--	--	0	--	--	0	0
131	3	1,001.18	4.30	5.07	1	0.02	0.02	0	--	--	0	0
140	3	1,000.30	7.22	8.25	0	--	--	0	--	--	0	0
ES1-08	3	1,000.85	5.48	6.26	0	--	--	0	--	--	0	0
North Caisson	26	997.84	16.78	19.10	25	<0.01	0.01	0	--	--	0	0
East Street Area 1 - South (RAA 18)												
31R	6	1,000.23	8.96	9.45	0	--	--	0	--	--	0	0
33	6	999.50	6.26	7.09	1	0.01	0.01	0	--	--	0	0
34	6	999.90	5.71	6.51	4	0.01	0.01	0	--	--	0.006	0
35	2	1,000.15	6.16	6.30	1	0.01	0.01	0	--	--	0	0
45	2	1,000.10	6.20	6.36	1	0.02	0.02	0	--	--	0	0
46	1	999.80	6.43	6.43	0	--	--	0	--	--	0	0
72	6	1,000.62	6.35	7.33	4	0.03	0.08	0	--	--	0.020	0
72R	7	1,000.92	6.37	7.05	0	--	--	0	--	--	0	0

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			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
75	1	1,000.65	6.76	6.76	0	--	--	0	--	--	0	0
76	2	1,000.45	7.40	7.65	2	0.16	0.29	0	--	--	0.047	0
78	1	997.61	3.54	3.54	0	--	--	0	--	--	0	0
80	1	989.98	4.88	4.88	0	--	--	0	--	--	0	0
90	1	987.65	5.54	5.54	0	--	--	0	--	--	0	0
139R	2	986.91	11.05	11.89	0	--	--	0	--	--	0	0
ES1-13	1	999.93	6.75	6.75	0	--	--	0	--	--	0	0
ES1-23R	1	989.94	3.71	3.71	0	--	--	0	--	--	0	0
GMA1-6	2	1,000.44	8.14	8.26	0	--	--	0	--	--	0	0
GMA1-7	1	985.81	11.82	11.82	0	--	--	0	--	--	0	0
GMA1-18	2	998.29	7.25	8.70	0	--	--	0	--	--	0	0
South Caisson	26	1,001.11	8.23	13.90	25	<0.01	0.01	0	--	--	0	0
Lyman Street Area (RAA 12)												
B-2	1	987.98	7.59	7.59	0	--	--	0	--	--	0	0
E-04	1	987.98	15.71	15.71	0	--	--	0	--	--	0	0
E-07	1	982.87	7.89	7.89	0	--	--	0	--	--	0	0
EPA-01	5	983.04	12.48	13.20	0	--	--	0	--	--	0	0
GMA1-5	1	979.50	9.00	9.00	0	--	--	0	--	--	0	0
LS-12	2	985.49	15.28	15.82	0	--	--	2	0.01	0.15	0	0.024
LS-13	1	985.49	16.75	16.75	0	--	--	0	--	--	0	0
LS-21	2	983.42	15.70	15.70	2	0.1	0.1	0	--	--	0.135	0
LS-24	6	983.42	18.12	18.70	0	--	--	0	--	--	0	0
LS-29	2	988.25	18.28	18.57	0	--	--	0	--	--	0	0
LS-30	5	986.44	15.93	16.41	0	--	--	5	0.38	2.18	0	0.803
LS-31	6	987.09	16.08	17.40	5	0.05	1.11	5	0.45	1.1	0.083	0.499
LS-34	3	985.79	15.51	16.05	0	--	--	3	0.37	0.84	0	0.215
LS-38	5	986.95	16.84	17.58	0	--	--	0	--	--	0	0
LS-43	1	981.17	11.41	11.41	0	--	--	0	--	--	0	0
LS-44	5	980.78	8.25	10.75	0	--	--	0	--	--	0	0

Table 7
Groundwater Elevation and NAPL Monitoring/Recovery
Data Summary: Fall 2007

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			DNAPL Observations			Manual NAPL Recovery	
			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
LSSC-06	1	984.91	16.41	16.41	1	0.02	0.02	0	--	--	0	0
LSSC-07	26	982.48	10.40	11.95	0	--	--	19	0.18	1.18	0	1.065
LSSC-08I	23	983.13	12.24	13.40	0	--	--	12	0.01	0.06	0	0.023
LSSC-08S	6	983.11	12.60	13.38	0	--	--	0	--	--	0	0
LSSC-09	1	985.06	15.46	15.46	0	--	--	0	--	--	0	0
LSSC-16I	6	980.88	9.52	10.22	0	--	--	0	--	--	0	0
LSSC-16S	2	981.37	10.07	10.53	0	--	--	0	--	--	0	0
LSSC-18	7	987.32	18.50	19.85	0	--	--	0	--	--	0	0
LSSC-32	6	980.68	9.63	10.35	0	--	--	0	--	--	0	0
LSSC-33	5	980.49	9.44	10.13	0	--	--	0	--	--	0	0
LSSC-34I	3	984.74	16.00	16.56	0	--	--	2	0.02	0.37	0	0.060
LSSC-34S	1	985.01	16.00	16.00	0	--	--	1	0.13	0.13	0	0
MW-3R	1	983.54	11.22	11.22	0	--	--	0	--	--	0	0
MW-4R	3	980.82	9.91	10.40	0	--	--	0	--	--	0	0
MW-6R	1	985.14	12.15	12.15	0	--	--	0	--	--	0	0
RW-1	6	984.88	11.90	13.84	4	<0.01	<0.01	4	<0.01	<0.01	0	0
RW-1(R)	26	985.07	13.10	18.85	18	<0.01	0.01	24	<0.01	<0.01	0	0
RW-2	26	987.82	14.38	18.81	0	--	--	0	--	--	0	0
RW-3	26	984.08	15.40	18.51	25	0.01	0.07	0	--	--	0	0
BM-2A	26	986.32	15.28	16.72	0	--	--	0	--	--	0	0
Newell Street Area II (RAA 13)												
GMA1-8	2	981.66	9.81	10.05	0	--	--	0	--	--	0	0
GMA1-9	2	982.36	10.15	10.15	0	--	--	0	--	--	0	0
GMA1-25	3	987.19	13.20	14.08	0	--	--	0	--	--	0	0
GMA1-26	2	985.53	12.40	12.66	0	--	--	0	--	--	0	0
GMA1-27	3	983.29	8.68	9.78	0	--	--	0	--	--	0	0
GMA1-28	2	983.49	10.80	11.95	0	--	--	0	--	--	0	0
MW-1D	3	987.20	13.96	14.98	0	--	--	2	0.12	0.44	0	0.072
MW-1S	3	986.60	14.02	14.63	0	--	--	3	0.02	0.33	0	0.054

Table 7
Groundwater Elevation and NAPL Monitoring/Recovery
Data Summary: Fall 2007

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			DNAPL Observations			Manual NAPL Recovery	
			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
N2SC-01I	6	984.99	12.25	12.92	0	--	--	3	2.6	3.36	0	0.526
N2SC-01I(R)	26	985.98	15.25	16.89	0	--	--	26	<0.01	2.95	0	0
N2SC-02	6	985.56	11.30	12.10	0	--	--	0	--	--	0	0
N2SC-03I	6	985.33	10.73	11.40	0	--	--	5	1.48	2.15	0	0.350
N2SC-03I(R)	26	986.08	13.38	14.65	0	--	--	26	0.6	2.48	0	0
N2SC-07	6	984.61	10.39	11.05	0	--	--	3	0.02	0.75	0	0.179
N2SC-07S	5	982.93	10.90	11.52	0	--	--	0	--	--	0	0
N2SC-08	6	986.07	11.75	12.52	0	--	--	3	1.3	1.88	0	1.237
N2SC-09I	2	987.77	10.26	10.80	0	--	--	0	--	--	0	0.037
N2SC-09S	3	982.75	9.60	10.30	0	--	--	1	0.39	0.39	0	0.080
N2SC-13I	2	984.75	10.50	11.14	0	--	--	1	0.6	0.85	0	0.139
N2SC-14	26	985.06	14.00	17.36	0	--	--	26	0.09	1.58	0	0
N2SC-16	1	985.62	1.55	1.55	0	--	--	0	--	--	0	0
NS-10	3	987.14	13.30	14.34	3	0.3	0.69	0	--	--	0.588	0
NS-17	2	984.64	12.49	12.68	0	--	--	0	--	--	0	0
NS-20	2	985.29	6.20	7.57	0	--	--	0	--	--	0	0
NS-30	6	985.99	10.35	11.05	0	--	--	4	0.06	0.16	0	0.021
NS-32	5	986.20	11.45	12.05	0	--	--	3	0.03	0.15	0	0
NS-37	1	986.20	14.45	14.45	0	--	--	0	--	--	0	0
Newell Street Area I (RAA 14)												
FW-16R	1	986.51	14.31	14.31	0	--	--	0	--	--	0	0
IA-9R	1	984.14	11.75	11.75	0	--	--	0	--	--	0	0
MM-1	1	988.04	12.57	12.57	0	--	--	0	--	--	0	0
Silver Lake Area (RAA 18)												
SLGW-1S	1	982.94	7.07	7.07	0	--	--	0	--	--	0	0
SLGW-1D	1	983.13	5.66	5.66	0	--	--	0	--	--	0	0
SLGW-2S	1	985.39	0.00	0.00	0	--	--	0	--	--	0	0
SLGW-2D	1	985.10	0.00	0.00	0	--	--	0	--	--	0	0
SLGW-3S	1	980.21	4.20	4.20	0	--	--	0	--	--	0	0

Table 7
Groundwater Elevation and NAPL Monitoring/Recovery
Data Summary: Fall 2007

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Number of Measurements	Measuring Point Elevation (Feet AMSL)	Depth to Water		LNAPL Observations			DNAPL Observations			Manual NAPL Recovery	
			Minimum (Feet AMP)	Maximum (Feet AMP)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	Times Observed	Minimum Thickness (Feet)	Maximum Thickness (Feet)	LNAPL Recovery (Gallons)	DNAPL Recovery (Gallons)
SLGW-3D	1	979.14	2.52	2.52	0	--	--	0	--	--	0	0
SLGW-4S	1	984.02	7.98	7.98	0	--	--	0	--	--	0	0
SLGW-4D	1	983.51	7.49	7.49	0	--	--	0	--	--	0	0
SLGW-5S	1	979.12	3.18	3.18	0	--	--	0	--	--	0	0
SLGW-5D	1	979.30	3.37	3.37	0	--	--	0	--	--	0	0
SLGW-6S	1	981.66	5.73	5.73	0	--	--	0	--	--	0	0
SLGW-6D	1	981.63	6.85	6.85	0	--	--	0	--	--	0	0
Silver Lake Gauge	27	980.30	4.18	4.68	0	--	--	0	--	--	0	0

NOTES:

1. Measurements collected between July 1, 2007 and December 31, 2007.
2. Feet AMSL = Feet above mean sea level.
3. Feet BMP = Feet below measuring point.
4. N/A - Not Applicable

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
40s Complex (RAA 1)				
95-17	None	Supplemental Data Collection	Semi-Annual	Well proposed to be added to program to replace well RF-4
RF-04	Semi-Annual	Semi-Annual	None	Well was buried/destroyed during prior construction activities, proposed to be replaced by well 95-17
30s Complex (RAA 2)				
95-16	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-19	Semi-Annual	Semi-Annual	Semi-Annual	
GMA1-10	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
GMA1-12	None	Supplemental Data Collection	Semi-Annual	Data to be utilized for groundwater elevation contouring
RF-02	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of GMA 1 groundwater quality sampling and Silver Lake remediation programs
RF-03	Semi-Annual	Semi-Annual	Semi-Annual	
RF-03D	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of GMA 1 groundwater quality sampling and Silver Lake remediation programs
RF-16R	Semi-Annual	Semi-Annual	Semi-Annual	Replacement for well RF-16
20s Complex (RAA 3)				
CC	Semi-Annual	Semi-Annual	Semi-Annual	
EE	Semi-Annual	Semi-Annual	Semi-Annual	
FF	None	Supplemental Data Collection	None	Well not part of approved program; not needed for groundwater elevation monitoring or NAPL delineation purposes
GG	Semi-Annual	Semi-Annual	Semi-Annual	
II	Semi-Annual	Semi-Annual	Semi-Annual	
JJ	Semi-Annual	Semi-Annual	Semi-Annual	
KK	Semi-Annual	None	None	Well has not been located since spring 2004; not needed for groundwater elevation monitoring or NAPL delineation purposes
LL-R	Semi-Annual	Semi-Annual	Semi-Annual	
O-RR	Semi-Annual	None	Semi-Annual	Replacement well for O-R to be installed following re-grading of area
P-R	Semi-Annual	Semi-Annual	Semi-Annual	
QQ-R	Semi-Annual	Semi-Annual	Semi-Annual	
U	Semi-Annual	Semi-Annual	Semi-Annual	
Y	Semi-Annual	Semi-Annual	Semi-Annual	

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
East Street Area 2-South (RAA 4)				
01R	Semi-Annual	Semi-Annual	Semi-Annual	
2	Semi-Annual	Semi-Annual	Semi-Annual	
5	Semi-Annual	Semi-Annual	Semi-Annual	
6	Semi-Annual	Semi-Annual	Semi-Annual	
09R	Semi-Annual	Semi-Annual	Semi-Annual	
10	Semi-Annual	Semi-Annual	Semi-Annual	
13	Monthly	Monthly	Monthly	
14	Monthly	Monthly	Monthly	
15R	Monthly	None	None	Well has been destroyed since fall 2004; not needed for groundwater elevation or NAPL delineation purposes
16R	Semi-Annual	Semi-Annual	Semi-Annual	
19	Semi-Annual	Weekly	Weekly	
25R	Semi-Annual	Monthly	Monthly	
26RR	None	Monthly	Monthly	
28	Semi-Annual	Semi-Annual	Semi-Annual	
29	Semi-Annual	Semi-Annual	Semi-Annual	
30	Semi-Annual	Semi-Annual	Monthly	Increased monitoring frequency proposed to address LNAPL thickness of greater than one foot
31	Semi-Annual	Semi-Annual	Semi-Annual	
32	Semi-Annual	Semi-Annual	Semi-Annual	
34	Semi-Annual	Semi-Annual	Semi-Annual	
35	Semi-Annual	Semi-Annual	Semi-Annual	
36	Semi-Annual	Semi-Annual	Semi-Annual	
37	Semi-Annual	Semi-Annual	Semi-Annual	
38	Semi-Annual	Semi-Annual	Semi-Annual	
40R	None	Monthly	Monthly	Well added to manual monitoring program after skimmer system was removed
42	Semi-Annual	Semi-Annual	Semi-Annual	
43	Semi-Annual	Semi-Annual	Semi-Annual	
44	Semi-Annual	Semi-Annual	Semi-Annual	
47	Semi-Annual	Semi-Annual	Quarterly	Increased monitoring frequency proposed to address LNAPL thickness approaching one foot
48	Semi-Annual	Monthly	Monthly	
49R	Monthly	Monthly	Monthly	
49RR	Monthly	Monthly	Monthly	
50	Quarterly	Quarterly	Quarterly	

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
51	Semi-Annual	Semi-Annual	Semi-Annual	
52	Semi-Annual	Semi-Annual	Semi-Annual	
53	Quarterly	Quarterly	Quarterly	
54	Semi-Annual	Semi-Annual	Semi-Annual	
55	Monthly	Monthly	Monthly	
57	Semi-Annual	Semi-Annual	Semi-Annual	
58	Semi-Annual	Semi-Annual	Semi-Annual	
59	Semi-Annual	Semi-Annual	Semi-Annual	
64	Semi-Annual	Semi-Annual	Semi-Annual	
95-01	Monthly	Monthly	Monthly	
95-04R	Semi-Annual	Monthly	Monthly	
95-05	Semi-Annual	Semi-Annual	Semi-Annual	
95-07R	Semi-Annual	Monthly	Semi-Annual	Decreased monitoring frequency proposed due to reduction of LNAPL thickness in well
E2SC-03I	Semi-Annual	Monthly	Monthly	
E2SC-17	Semi-Annual	Monthly	Semi-Annual	Decreased monitoring frequency proposed due to reduction of DNAPL thickness in well (none observed since fall 2005)
E2SC-21	Semi-Annual	Semi-Annual	Semi-Annual	
E2SC-23	Monthly	Monthly	Monthly	
E2SC-24	Monthly	Monthly	Monthly	
3-6C-EB-14	Semi-Annual	Semi-Annual	Semi-Annual	
3-6C-EB-22	Monthly	Monthly	Monthly	
3-6C-EB-25	Semi-Annual	Semi-Annual	Semi-Annual	
3-6C-EB-28	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-01	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-02A	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-05	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-06	Semi-Annual	Monthly	Semi-Annual	Decreased monitoring frequency proposed due to reduction of LNAPL thickness in well
ES2-08	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-09	Semi-Annual	Semi-Annual	None	Well was destroyed during 2007 construction activities, proposed to be replaced by well ES2-10
ES2-10	None	None	Semi-Annual	Well proposed to be added to program to replace well ES2-9
ES2-11	Semi-Annual	Semi-Annual	Semi-Annual	
ES2-14	Semi-Annual	None	Semi-Annual	Monitoring is temporarily discontinued during EPA operation of staging area
ES2-15	Semi-Annual	None	Semi-Annual	Monitoring is temporarily discontinued during EPA operation of staging area
ES2-16	Semi-Annual	Semi-Annual	Semi-Annual	

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
ES2-17	Semi-Annual	None	Semi-Annual	Monitoring is temporarily discontinued during EPA operation of staging area
ES2-18	Semi-Annual	Semi-Annual	Semi-Annual	
GMA1-13	Semi-Annual	Semi-Annual	Semi-Annual	
GMA1-14	Monthly	Weekly	Weekly	
GMA1-15	Monthly	Weekly	Weekly	
GMA1-16	Monthly	Monthly	Monthly	
GMA1-17E	Monthly	Monthly	Monthly	
GMA1-17W	None - Not Installed	Monthly	None	Automated recovery system installed in well; periodic monitoring to be conducted as part of routine maintenance activities
GMA1-19	None - Not Installed	Weekly	Weekly	
GMA1-20	None - Not Installed	Weekly	Weekly	
GMA1-21	None - Not Installed	Weekly	Weekly	
GMA1-22	None - Not Installed	Weekly	Weekly	
GMA1-23	None - Not Installed	Weekly	Weekly	
GMA1-24	None - Not Installed	Weekly	Weekly	
HR-C-RW-1	Semi-Annual	Semi-Annual	Semi-Annual	
HR-G1-MW-1	Quarterly	Quarterly	Quarterly	
HR-G1-MW-2	Quarterly	Quarterly	Quarterly	
HR-G1-MW-3	Quarterly	Quarterly	Quarterly	
HR-G2-MW-1	Monthly	Monthly	Monthly	
HR-G2-MW-2	Monthly	Monthly	Monthly	
HR-G2-MW-3	Monthly	Monthly	Monthly	
HR-G2-RW-1	Monthly	Monthly	Monthly	
HR-G3-MW-1	Quarterly	Quarterly	Quarterly	
HR-G3-MW-2	Quarterly	Quarterly	Quarterly	
HR-G3-RW-1	Quarterly	Quarterly	Quarterly	
HR-J1-MW-1	Quarterly	Quarterly	Quarterly	
HR-J1-MW-2	Quarterly	Quarterly	Quarterly	
HR-J1-MW-3	Quarterly	Quarterly	Quarterly	
HR-J1-RW-1	Quarterly	Quarterly	Quarterly	
M-R	Semi-Annual	Semi-Annual	Semi-Annual	
P3	Semi-Annual	Semi-Annual	Semi-Annual	
PZ-1S	Semi-Annual	Semi-Annual	Semi-Annual	
PZ-6S	Semi-Annual	Semi-Annual	Semi-Annual	
RW-4	None - Not Installed	Weekly	None	Automated recovery system installed in well; periodic monitoring to be conducted as part of routine maintenance activities
TMP-1	Quarterly	Quarterly	Quarterly	

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
East Street Area 2-North (RAA 5)				
05-N	Semi-Annual	Semi-Annual	Semi-Annual	
11-N	Semi-Annual	Semi-Annual	Semi-Annual	
14-N	Semi-Annual	Semi-Annual	Semi-Annual	
16-N	Semi-Annual	Semi-Annual	Semi-Annual	
17-N	Semi-Annual	Semi-Annual	Semi-Annual	
17A	Semi-Annual	Semi-Annual	Semi-Annual	
19-N	Semi-Annual	Semi-Annual	Semi-Annual	
20-N	Semi-Annual	Semi-Annual	Semi-Annual	
23-N	Semi-Annual	Semi-Annual	Semi-Annual	
24-N	Semi-Annual	Semi-Annual	Semi-Annual	
27-N	Semi-Annual	Semi-Annual	None	Well destroyed during recent construction activities; not needed for groundwater elevation or NAPL delineation purposes
ES1-05	Semi-Annual	Semi-Annual	Semi-Annual	
ES1-18	Semi-Annual	Semi-Annual	Semi-Annual	
ES1-20	Semi-Annual	Semi-Annual	Semi-Annual	
ES1-27R	Semi-Annual	Semi-Annual	Semi-Annual	
East Street Area 1-North (RAA 6)				
25	Semi-Annual	Semi-Annual	Semi-Annual	
49	Semi-Annual	Semi-Annual	None	Well destroyed during recent construction activities; not needed for groundwater elevation or NAPL delineation purposes
52	Quarterly	Quarterly	Quarterly	
60R	Semi-Annual	Semi-Annual	Semi-Annual	
105	Semi-Annual	Semi-Annual	Semi-Annual	
106	Semi-Annual	Semi-Annual	Semi-Annual	
107	Semi-Annual	Semi-Annual	Semi-Annual	
108A	Semi-Annual	Semi-Annual	Semi-Annual	
109A	Semi-Annual	Semi-Annual	Semi-Annual	
118	Semi-Annual	Semi-Annual	Semi-Annual	
120	Semi-Annual	None	None	Well has been destroyed since fall 2005; not needed for groundwater elevation or NAPL delineation purposes
128	Semi-Annual	Semi-Annual	Semi-Annual	
131	Quarterly	Quarterly	Quarterly	
140	Quarterly	Quarterly	Quarterly	
ES1-08	Quarterly	Quarterly	Quarterly	
ES1-14	Semi-Annual	None	None	Replaced by well GMA1-18 for groundwater elevation monitoring purposes

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
East Street Area 1 - South (RAA 18)				
31R	Monthly	Monthly	Monthly	
33	Monthly	Monthly	Monthly	
34	Monthly	Monthly	Monthly	
35	Semi-Annual	Semi-Annual	Semi-Annual	
45	Semi-Annual	Semi-Annual	Semi-Annual	
46	Semi-Annual	Semi-Annual	Semi-Annual	
72	Monthly	Monthly	Monthly	
72R	Monthly	Monthly	Monthly	
75	Semi-Annual	Semi-Annual	Semi-Annual	
76	Semi-Annual	Semi-Annual	Semi-Annual	
78	Semi-Annual	Semi-Annual	Semi-Annual	
80	None	Semi-Annual	Semi-Annual	Added to program following supplemental Phase II investigations at East Street Area 1-South
90	None	Semi-Annual	Semi-Annual	Added to program following supplemental Phase II investigations at East Street Area 1-South
139R	Semi-Annual	Semi-Annual	Semi-Annual	
ES1-13	Semi-Annual	Semi-Annual	Semi-Annual	
ES1-23R	None	Semi-Annual	Semi-Annual	Added to program following supplemental Phase II investigations at East Street Area 1-South
GMA1-6	Semi-Annual	Semi-Annual	Semi-Annual	
GMA1-7	Semi-Annual	Semi-Annual	Semi-Annual	
GMA1-18	None - Not Installed	Semi-Annual	Semi-Annual	Added to program as replacement for well ES1-14
Lyman Street Area (RAA 12)				
B-02	Semi-Annual	Semi-Annual	Semi-Annual	
E-04	Semi-Annual	Semi-Annual	Semi-Annual	
E-07	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of GMA 1 groundwater quality sampling and Silver Lake remediation programs
EPA-1	Monthly	Monthly	Monthly	
GMA1-5	Semi-Annual	Semi-Annual	Semi-Annual	
LS-2	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-4	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-12	Semi-Annual	Semi-Annual	Semi-Annual	
LS-13	Semi-Annual	Semi-Annual	Semi-Annual	
LS-20	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-21	Semi-Annual	Semi-Annual	Semi-Annual	
LS-23	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-24	Monthly	Monthly	Monthly	

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
LS-29	None	Supplemental Data Collection	None	Well may continue to be monitored as part of GMA 1 groundwater quality sampling program
LS-30	Monthly	Monthly	Monthly	
LS-31	Monthly	Monthly	Monthly	
LS-32	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-34	Quarterly	Quarterly	Quarterly	
LS-35	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-38	Monthly	Monthly	Monthly	
LS-41	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
LS-43	Quarterly	Quarterly	Quarterly	
LS-44	Monthly	Monthly	Monthly	
LSSC-06	Semi-Annual	Semi-Annual	Semi-Annual	
LSSC-07	Weekly	Weekly	Weekly	
LSSC-08I	Weekly	Weekly	Weekly	
LSSC-08S	Monthly	Monthly	Monthly	
LSSC-09	Semi-Annual	Semi-Annual	Semi-Annual	
LSSC-16I	Monthly	Monthly	Monthly	
LSSC-16S	Semi-Annual	Semi-Annual	Semi-Annual	
LSSC-18	Monthly	Monthly	Monthly	
LSSC-32	Monthly	Monthly	Monthly	
LSSC-33	Monthly	Monthly	Monthly	
LSSC-34I	Quarterly	Quarterly	Quarterly	
LSSC-34S	Semi-Annual	Semi-Annual	Semi-Annual	
MW-3R	Semi-Annual	Semi-Annual	Semi-Annual	
MW-4R	Quarterly	Quarterly	Semi-Annual	Decreased monitoring frequency proposed - assessment of anomalous groundwater elevations in this area has been completed
MW-6R	None	Supplemental Data Collection	Semi-Annual	Data to be utilized for groundwater elevation contouring
RW-1	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
Newell Street Area II (RAA 13)				
GMA1-8	Semi-Annual	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
GMA1-9	Semi-Annual	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
GMA1-25	None - Not Installed	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
GMA1-26	None - Not Installed	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
GMA1-27	None - Not Installed	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
GMA1-28	None - Not Installed	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
MW-1D	Quarterly	Quarterly	Quarterly	
MW-1S	Quarterly	Quarterly	Quarterly	
N2SC-01I	None	Monthly	Monthly	
N2SC-03I	None	Monthly	Monthly	
N2SC-02	None	Monthly	Monthly	
N2SC-07	Monthly	Monthly	Monthly	
N2SC-07S	Semi-Annual	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
N2SC-08	Monthly	Monthly	Monthly	
N2SC-09I	Semi-Annual	Semi-Annual	Semi-Annual	
N2SC-09S	None	Quarterly	None	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
N2SC-13I	Semi-Annual	Semi-Annual	Semi-Annual	
N2SC-15	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
N2SC-16	Semi-Annual	Semi-Annual	Semi-Annual	
N2SC-17	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
NS-9R	None	None	Quarterly	Replacement for well NS-9 to be installed in spring 2008
NS-10	Quarterly	Quarterly	Quarterly	
NS-15R	None	Monthly	None	Well has been destroyed; not needed for groundwater elevation or NAPL monitoring purposes
NS-17	None	Quarterly	None	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
NS-20	Semi-Annual	Quarterly	Semi-Annual	Assessment of groundwater elevations in this area has been completed and decreased monitoring frequency has been approved by EPA
NS-30	None	Quarterly	Quarterly	
NS-32	Quarterly	Quarterly	Quarterly	
NS-36	Semi-Annual	None	None	Well has been decommissioned and removed from program with EPA approval.
NS-37	Semi-Annual	Semi-Annual	Semi-Annual	

**Table 8
Proposed Groundwater/NAPL Monitoring Program Modifications**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well ID	2003 Approved Monitoring Frequency	Current Monitoring Frequency	Proposed Monitoring Frequency	Comments
Newell Street Area I (RAA 14)				
FW-16R	Semi-Annual	Semi-Annual	Semi-Annual	
IA-9R	Semi-Annual	Semi-Annual	Semi-Annual	
MM-1	Semi-Annual	Semi-Annual	Semi-Annual	
Silver Lake Area (RAA 17)				
SLGW-1D	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-1S	None	Supplemental Data Collection	Semi-Annual	
SLGW-2D	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-2S	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-3D	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-3S	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-4S	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-5D	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-5S	Semi-Annual	Semi-Annual	Semi-Annual	
SLGW-6D	None	Supplemental Data Collection	None	Well may continue to be periodically monitored as part of Silver Lake Activities
SLGW-6S	Semi-Annual	Semi-Annual	Semi-Annual	

NOTES:

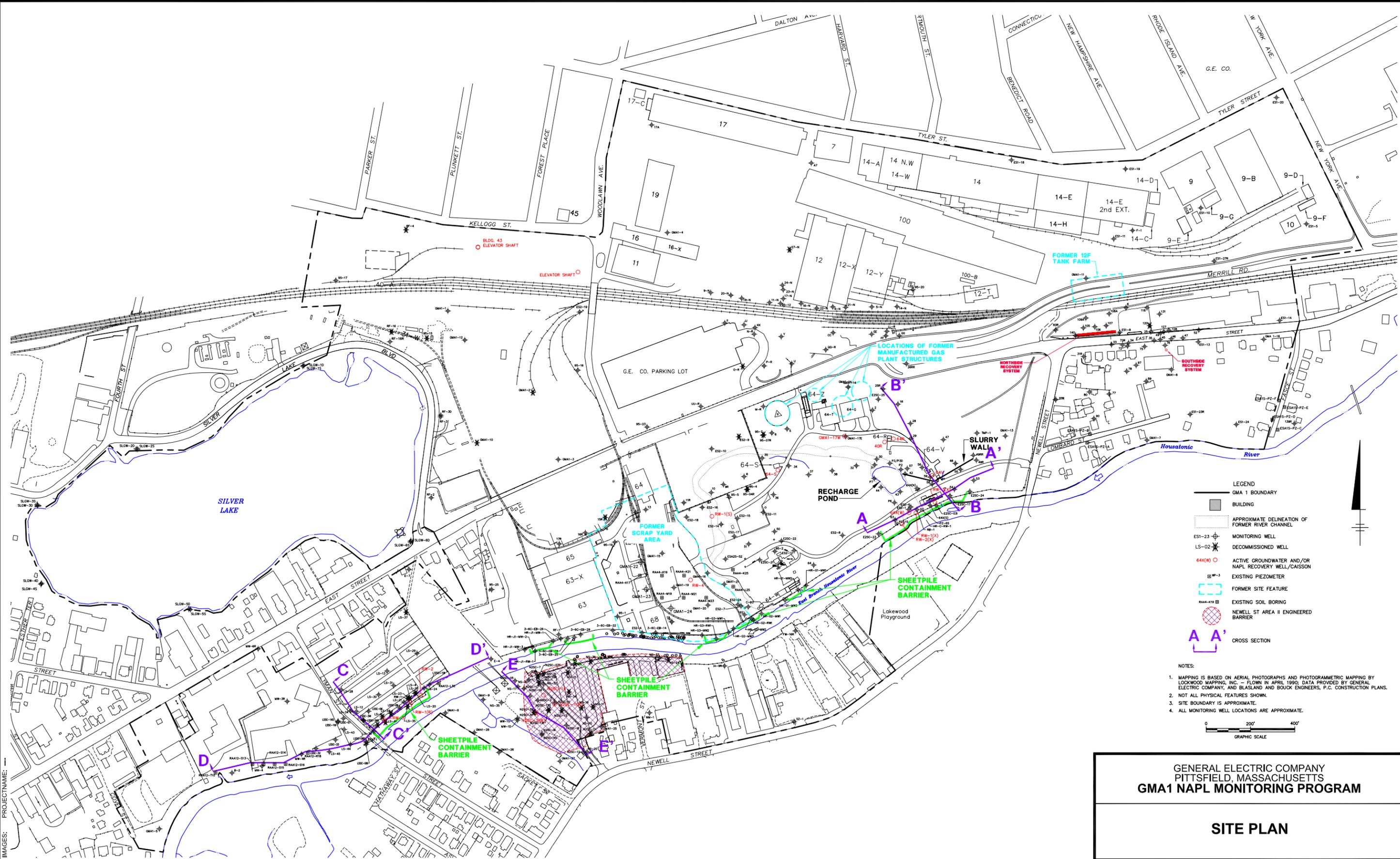
1. 2003 Approved monitoring frequency derived from Table 7 of Plant Site 1 Groundwater Management Area NAPL Monitoring Report for Spring 2003, as conditionally approved by EPA in a letter dated November 24, 2003.
2. Current monitoring frequency reflects EPA-approved modifications to program since 2003 through performance of fall 2007 monitoring event.
3. Proposed monitoring frequencies are to be implemented following EPA approval. At certain monitoring wells, the proposed modification has already been approved by EPA in other documents relating to GMA 1.

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Figures

CITY: SYR DIV/GROUP: 85 DB: KLS PGL.DWG LD: DMW LYRON "OFF" REF: G:\CAD\GE-CAD\CAD\CAD\ACT\B0201136\000\000\10\DWG\GMA1\FALL07\20136G01.DWG LAYOUT: 1. SAVED: 2/26/2008 8:47 AM ACADVER: 17.05 (LMS TECH) PAGES: 17.05 (LMS TECH) PLOTSETUP: PLT\FULL.CTB PLOTTED: 2/26/2008 12:03 PM BY: JONES, WENDY

PROJECTNAME: 20136X01 20136X00



- LEGEND**
- GMA 1 BOUNDARY
 - BUILDING
 - - - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
 - ⊕ ES1-23 MONITORING WELL
 - ⊕ LS-02 DECOMMISSIONED WELL
 - ⊕ 64(X) ○ ACTIVE GROUNDWATER AND/OR NAPL RECOVERY WELL/CAISSON
 - ⊕ WP-3 EXISTING PIEZOMETER
 - FORMER SITE FEATURE
 - ⊕ RAA4-129 EXISTING SOIL BORING
 - ⊕ NEWELL ST AREA II ENGINEERED BARRIER
 - A A' CROSS SECTION

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.

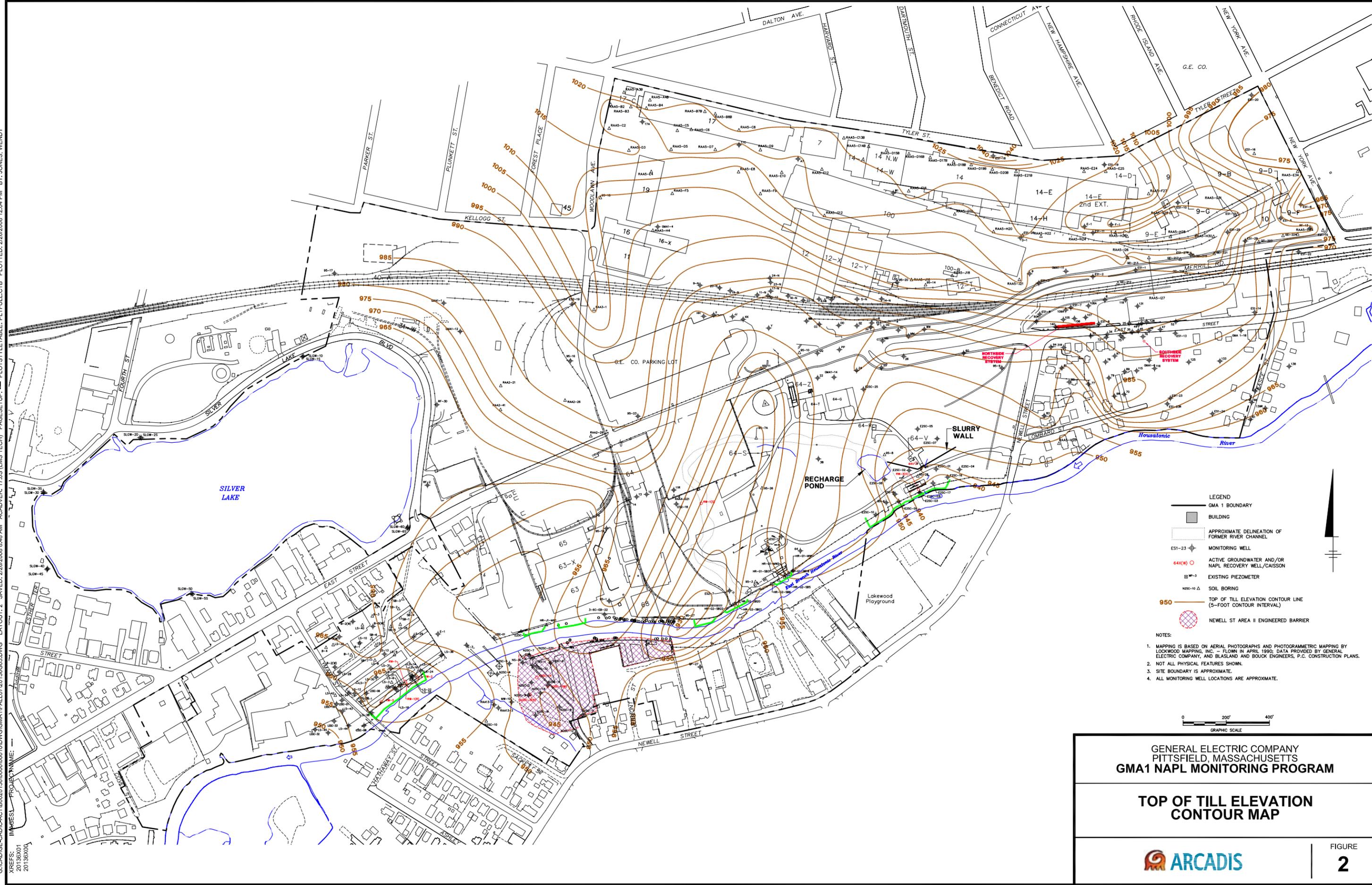
**GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM**

SITE PLAN

ARCADIS

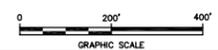
FIGURE
1

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 XREFS: 20136X01 20136X02
 PROJECT NAME: _____



- LEGEND**
- GMA 1 BOUNDARY
 - BUILDING
 - - - APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
 - ES1-23 ◊ MONITORING WELL
 - 64(X) ○ ACTIVE GROUNDWATER AND/OR NAPL RECOVERY WELL/CAISSON
 - ◻ EXISTING PIEZOMETER
 - NS20-10 △ SOIL BORING
 - 950 TOP OF TILL ELEVATION CONTOUR LINE (5-FOOT CONTOUR INTERVAL)
 - ◻ NEWELL ST AREA II ENGINEERED BARRIER

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.



**GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
 GMA1 NAPL MONITORING PROGRAM**

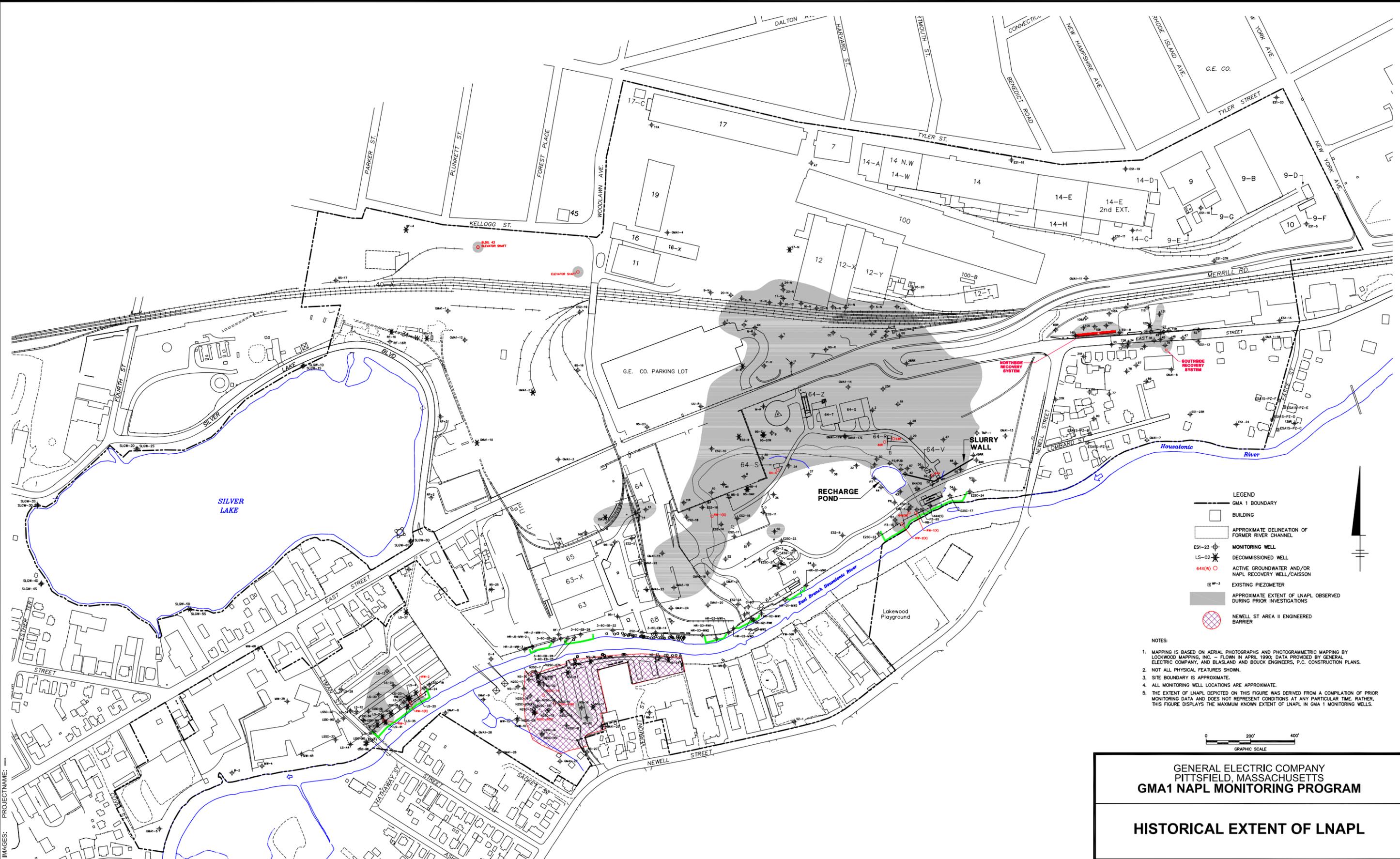
**TOP OF TILL ELEVATION
 CONTOUR MAP**

ARCADIS

FIGURE
2

CITY: SYR DIV/GROUP: 85 DR: KLS IAF PGL LD: DMW LYRON OFF REF: G:\CAD\GE-CAD\CAD\ACT\B020136\000\000\10\DWG\GMA1\FALL07\20136G04.DWG LAYOUT: 3 SAVED: 2/26/2008 8:51 AM ACADVER: 17.05 (LMS TECH) PAGES: 17 TOTAL PLOTS: 1 PLOT STYLE TABLE: PLT\FULL.CTB PAGES: 17 TOTAL PLOTS: 1 PLOT BY: JONES, WENDY

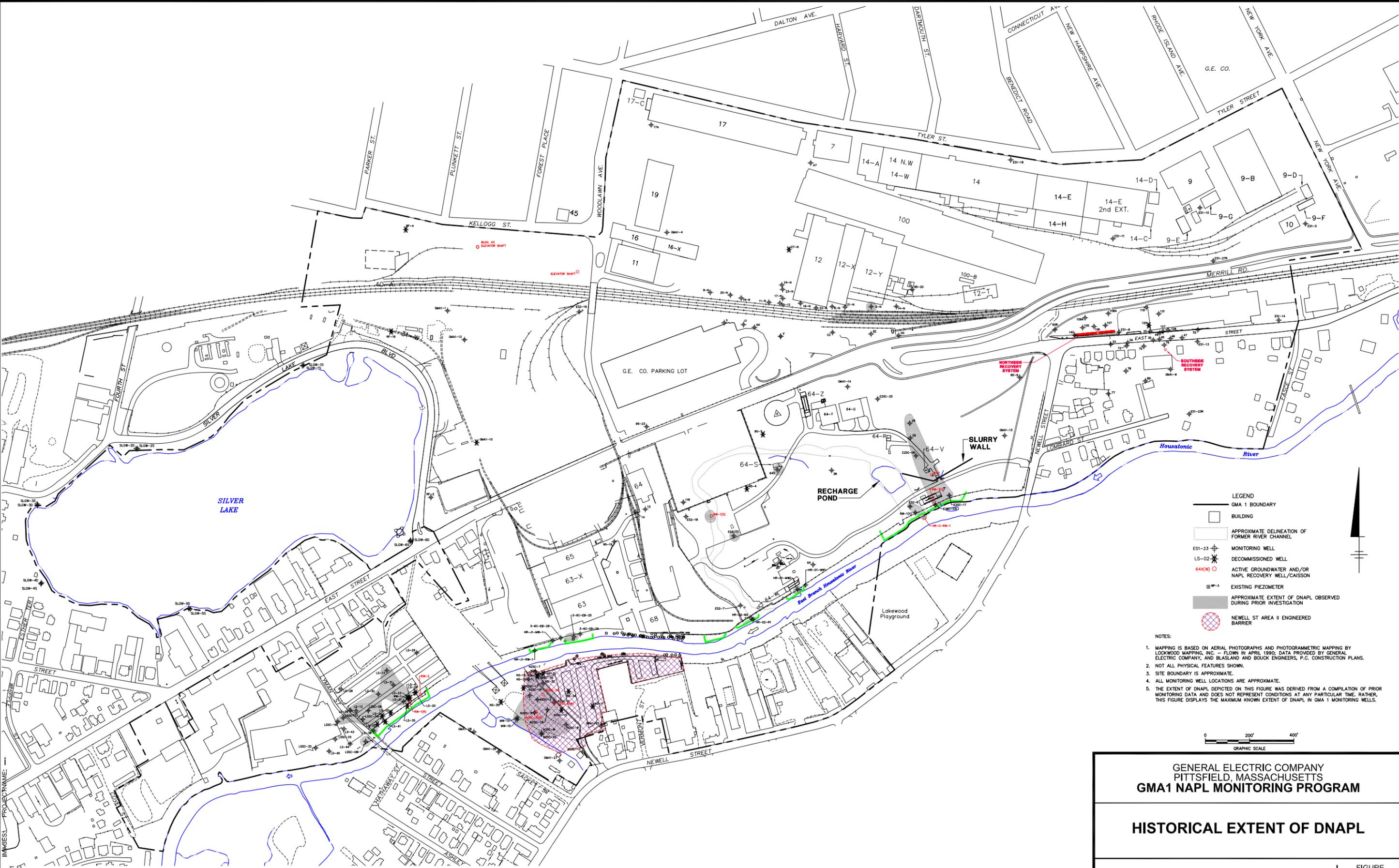
PROJECT NAME: 20136X01 20136X00



GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM

HISTORICAL EXTENT OF LNAPL

CITY: SYR DIV/GROUP: 85 DR: KLS IAF PGL LD: DMW LYRONA*OFF-REF (FRZ)
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 PROJECT NAME: _____



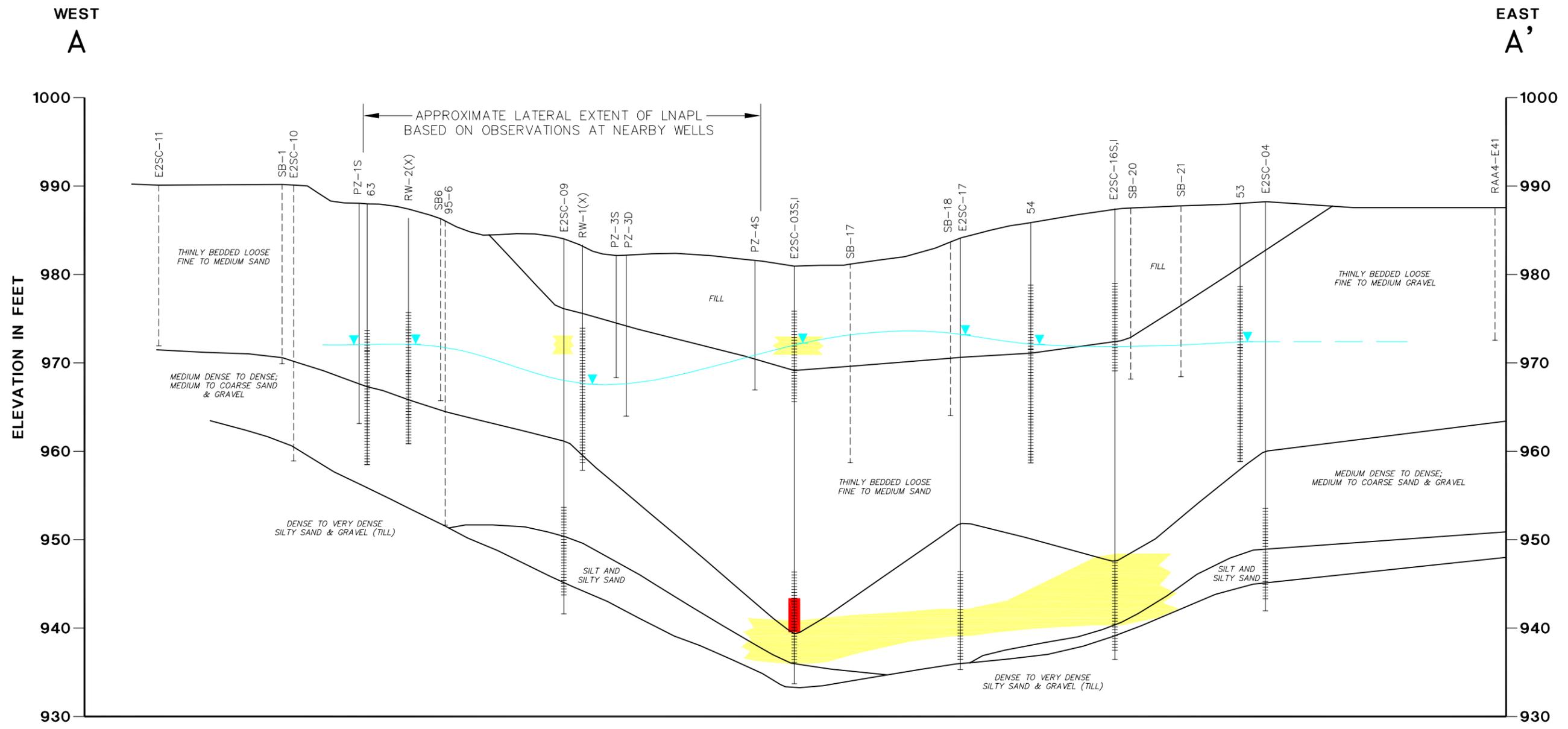
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM

HISTORICAL EXTENT OF DNAPL

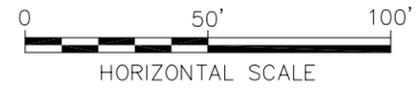
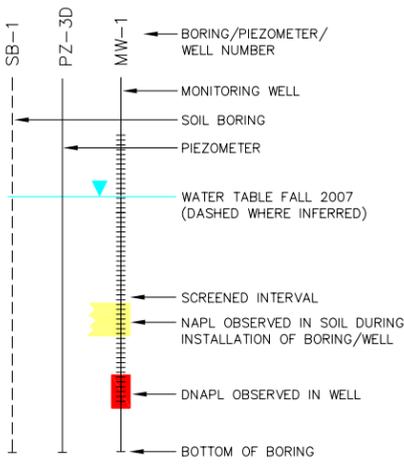
ARCADIS

FIGURE
4

CITY: SYR DIV/GROUP: 85 DE: DMW KLS PGL LD: DMW LYRON: OFF-REF: FRZ
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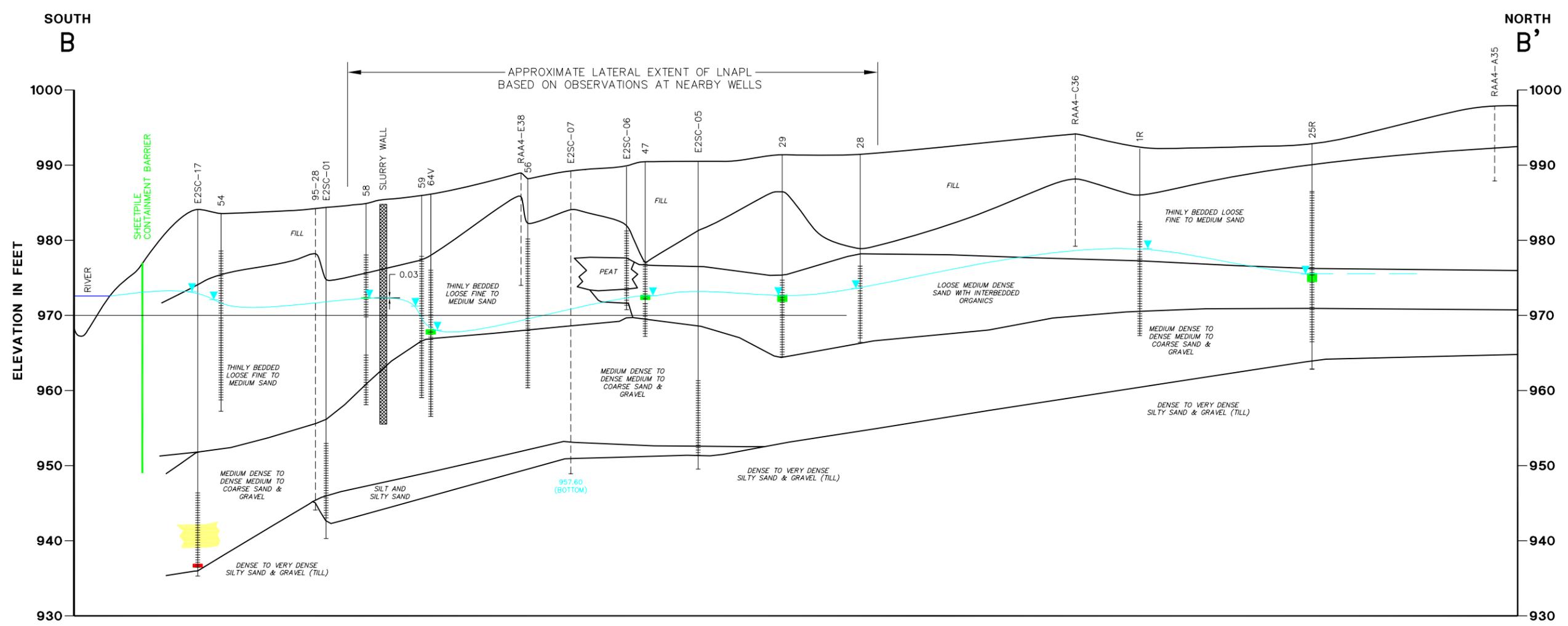


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA 1 NAPL MONITORING PROGRAM

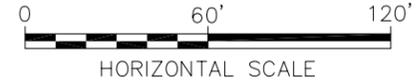
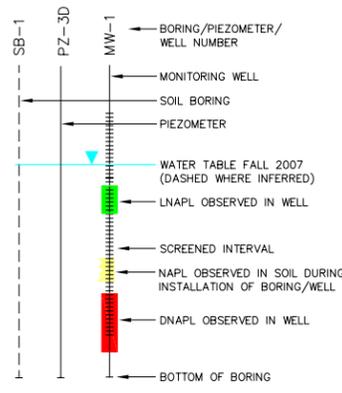
GEOLOGIC CROSS SECTION A-A'

ARCADIS

CITY: SYR DIV/GROUP: 85 DE: DMW KLS PGL LD: DMW LYRON: OFF-REF: (FRZ)
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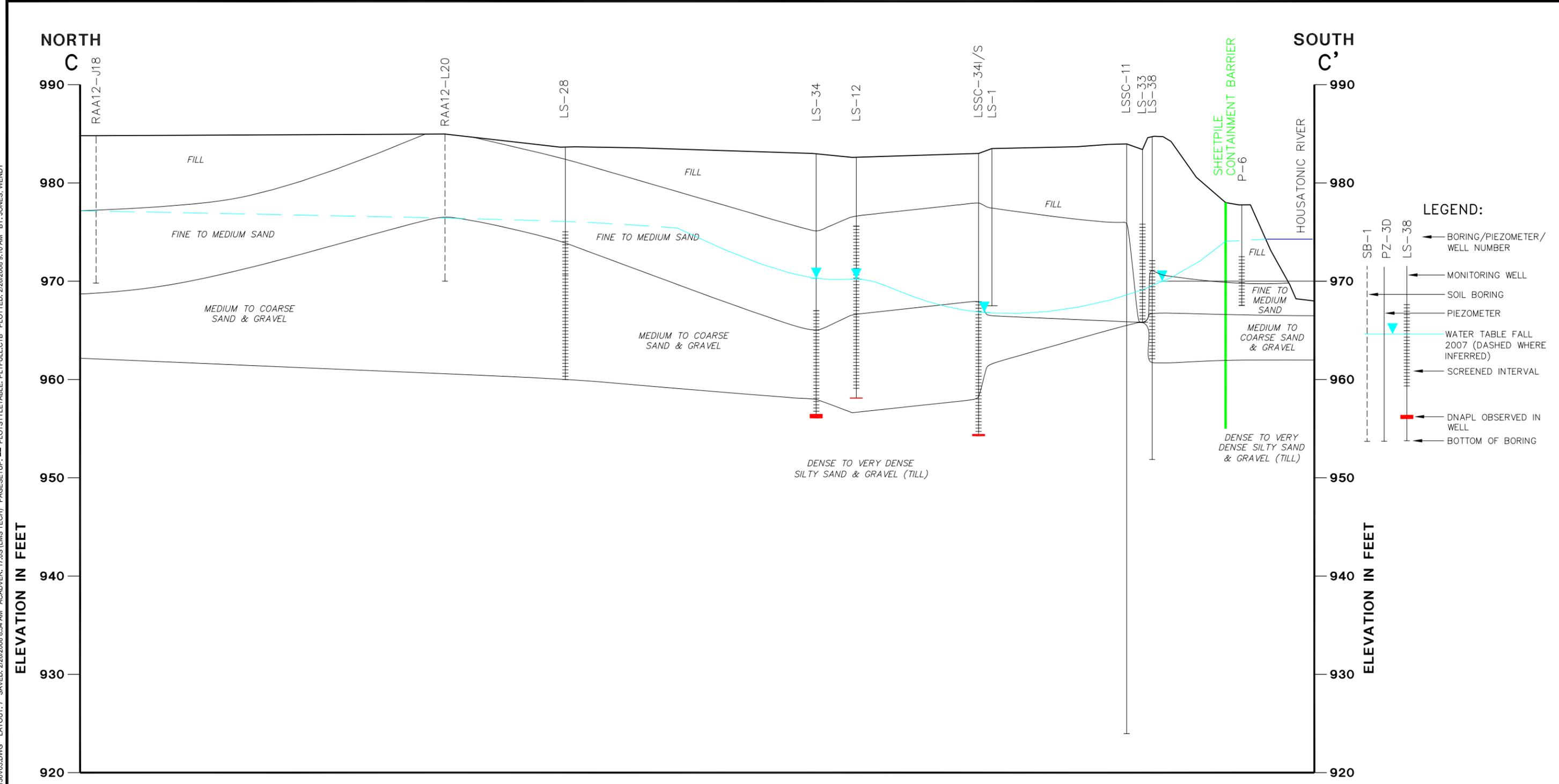


GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA 1 NAPL MONITORING PROGRAM

GEOLOGIC CROSS SECTION B-B'

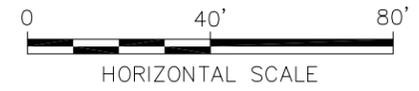
ARCADIS

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 XREFS: PROJECTNAME: 20136\000



LEGEND:

- ← BORING/PIEZOMETER/WELL NUMBER
- ← MONITORING WELL
- ← SOIL BORING
- ← PIEZOMETER
- ← WATER TABLE FALL 2007 (DASHED WHERE INFERRED)
- ← SCREENED INTERVAL
- ← DNAPL OBSERVED IN WELL
- ← BOTTOM OF BORING



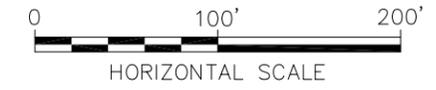
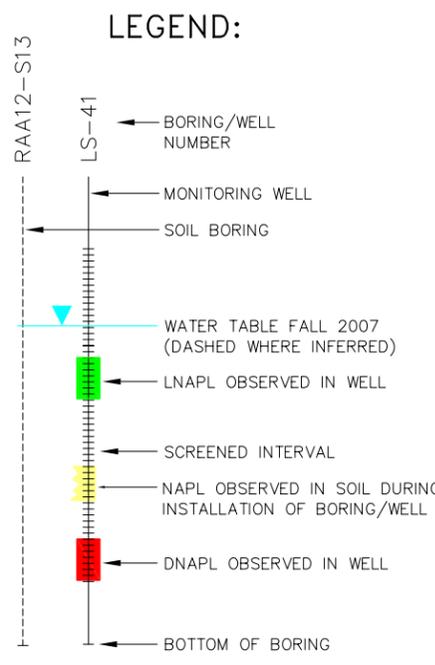
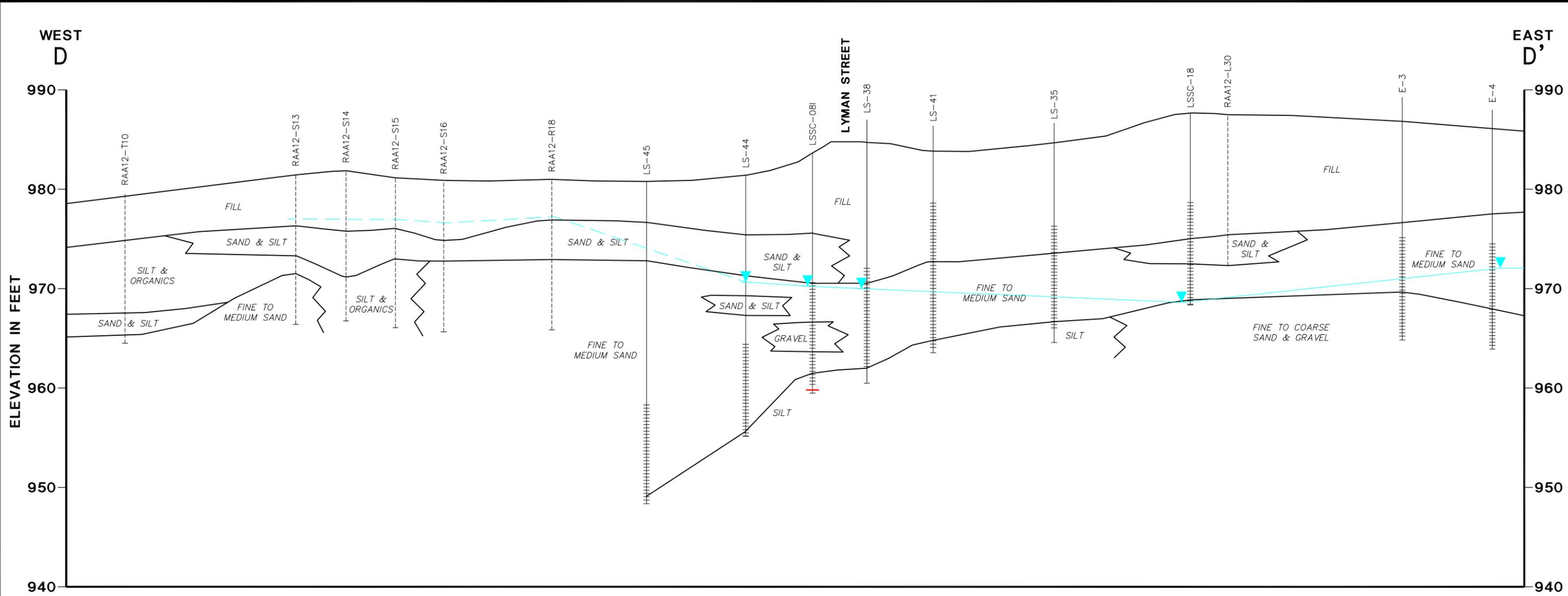
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA 1 NAPL MONITORING PROGRAM

GEOLOGIC CROSS SECTION C-C'

ARCADIS

FIGURE
7

CITY: SYR DIV/GROUP: 85 DE: DMW KLS PGL LD: DMW LYRON: OFF-REF: (FRZ)
 G:\CAD\GE-CAD\C-ACT\B0020136\00000020\DWG\FALL2007\20136\04.DWG LAYOUT: 8
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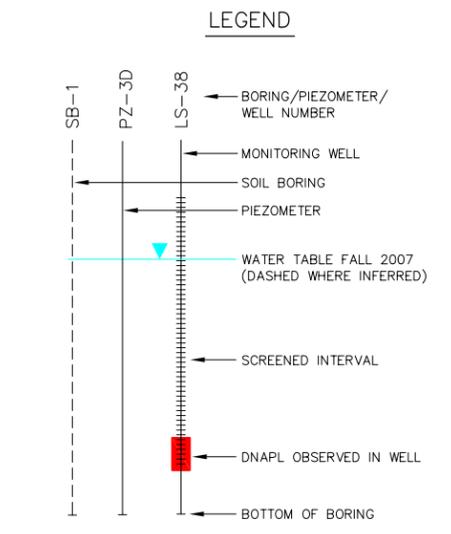
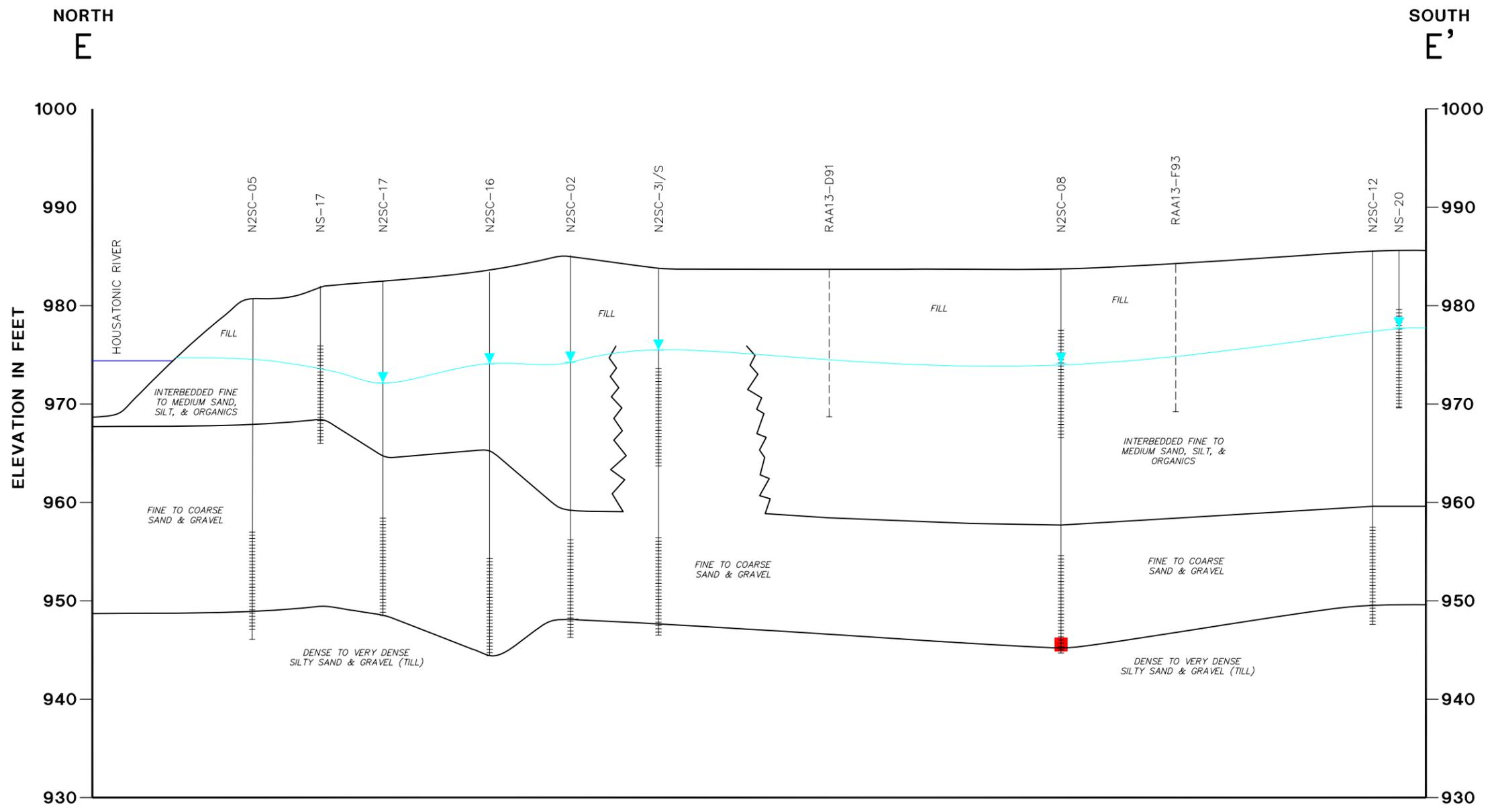
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA 1 NAPL MONITORING PROGRAM

GEOLOGIC CROSS SECTION D-D'

ARCADIS

FIGURE **8**

CITY: SYR DIV/GROUP: 85 DB: DMW/KLS PGL LD: DMW LYNON: OFF: REF: G:\CAD\GE-CAD\CAD\ACT\B0020136\0000020\DWG\FALL2007\20136\05.DWG LAYOUT: 9
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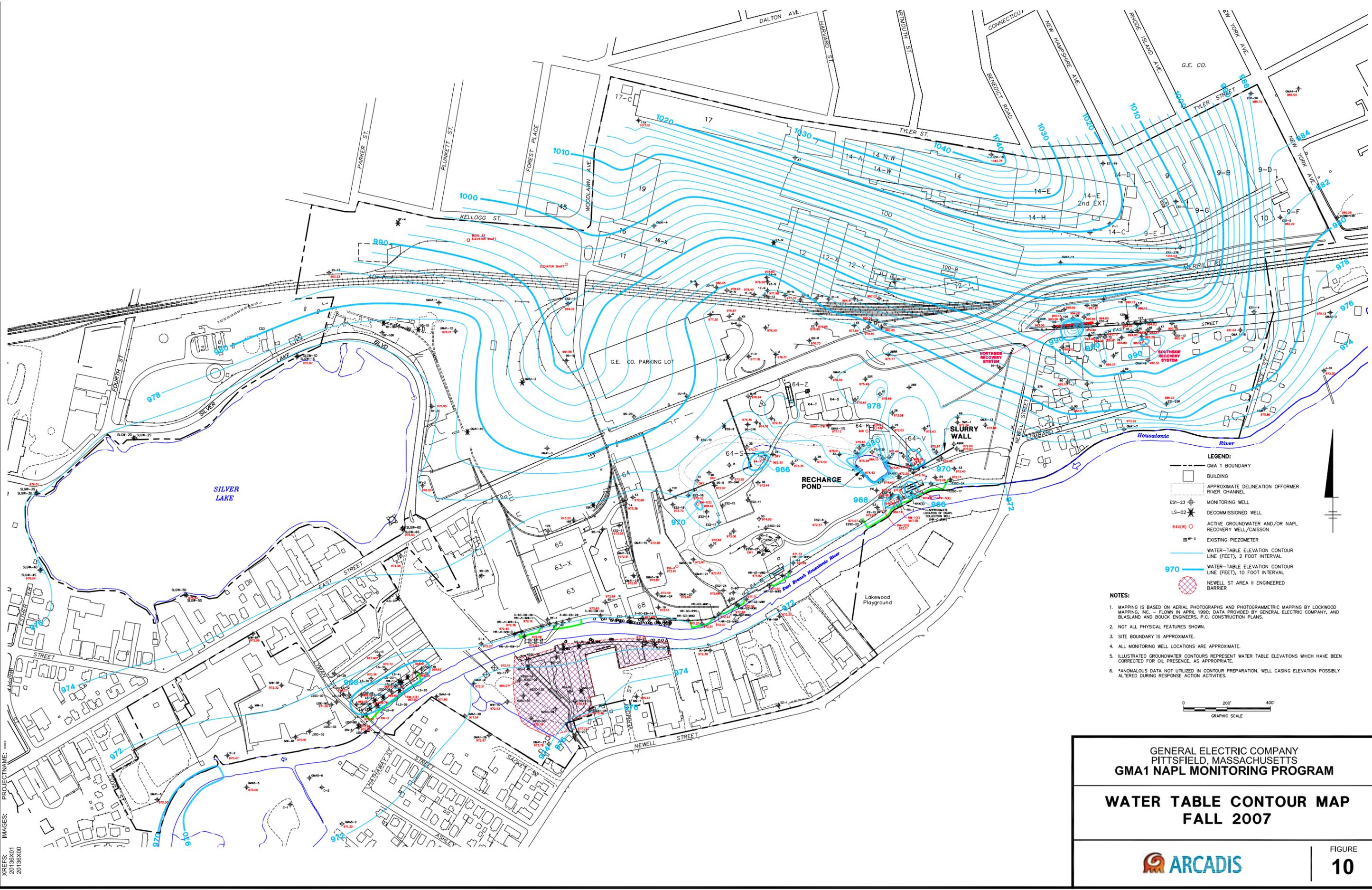
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA 1 NAPL MONITORING PROGRAM

GEOLOGIC CROSS SECTION E-E'

ARCADIS

FIGURE
9

CITY: SYR DIV/GRP: 65 DB: KLS DMW PGL LD: DMW LYRON OFF-REF (FRZ)
 G:\CAD\GE-CAD\ACT\B020136\000000\10\DWG\GMA1\FALL07\20136\W02.DWG LAYOUT: 10 SAVED: 2/26/2008 8:45 AM ACADVER: 17.05 (LMS TECH) PAGES: 10 PLOTSTYLE: PLT\FULL.CTB PLOTTED: 2/26/2008 12:00 PM BY: JONES, WENDY



LEGEND:

- GMA 1 BOUNDARY
- BUILDING
- APPROXIMATE DELINEATION OFFORMER RIVER CHANNEL
- ES1-23 MONITORING WELL
- LS-02 DECOMMISSIONED WELL
- 64(X) W ACTIVE GROUNDWATER AND/OR NAPL RECOVERY WELL/CAISSON
- W-3 EXISTING PIEZOMETER
- WATER-TABLE ELEVATION CONTOUR LINE (FEET), 2 FOOT INTERVAL
- 970 WATER-TABLE ELEVATION CONTOUR LINE (FEET), 10 FOOT INTERVAL
- NEWELL ST AREA II ENGINEERED BARRIER

NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.
5. ILLUSTRATED GROUNDWATER CONTOURS REPRESENT WATER TABLE ELEVATIONS WHICH HAVE BEEN CORRECTED FOR OIL PRESENCE, AS APPROPRIATE.
6. *ANOMALOUS DATA NOT UTILIZED IN CONTOUR PREPARATION. WELL CASING ELEVATION POSSIBLY ALTERED DURING RESPONSE ACTION ACTIVITIES.

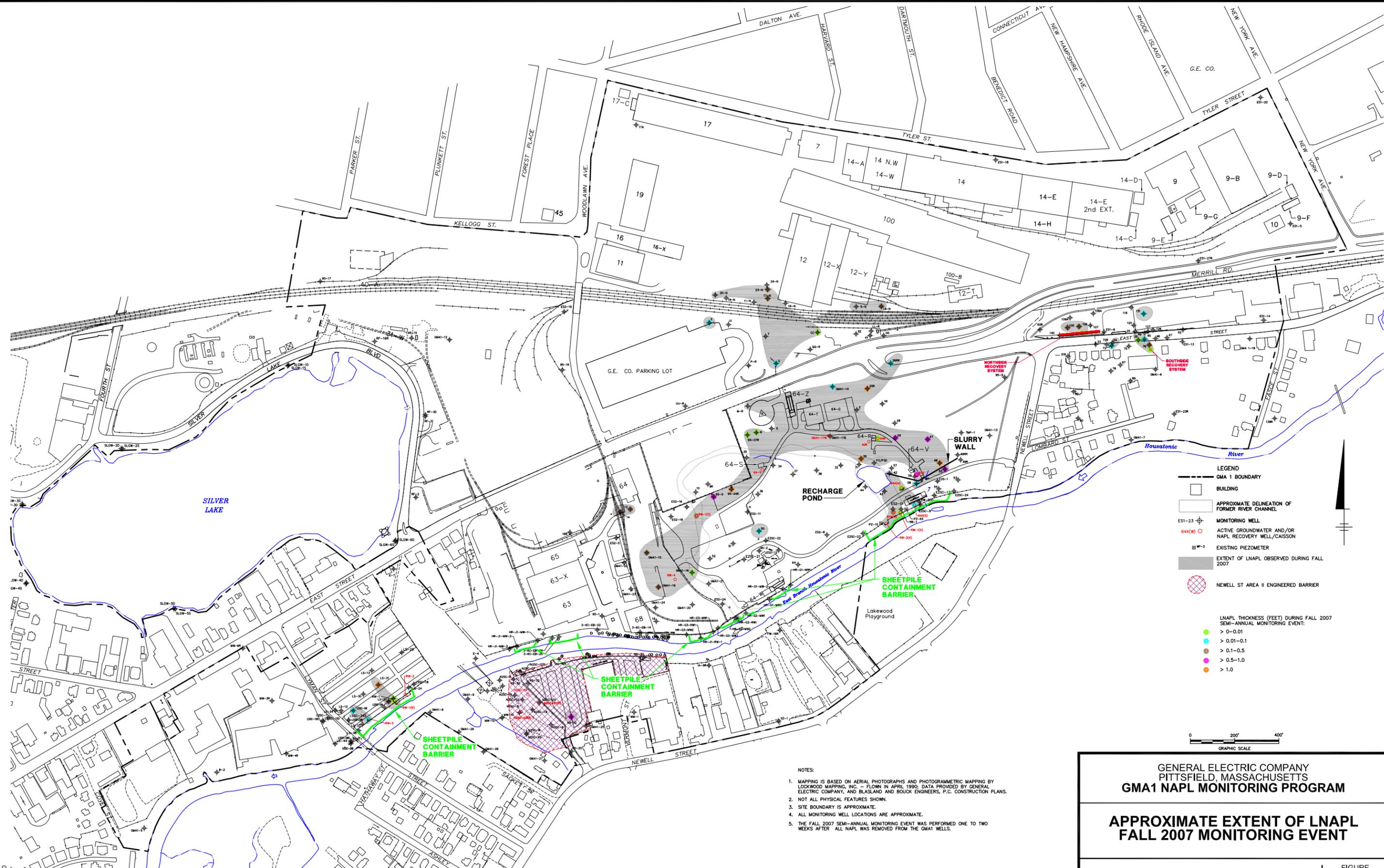
0 200' 400'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM

**WATER TABLE CONTOUR MAP
 FALL 2007**

FIGURE
10

CITY: SYR DIV/GROUP: 85 DR: KLS IAF PGL LD: DMW LYRON OFF-REF (FRZ)
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 PROJECTNAME: GMA1
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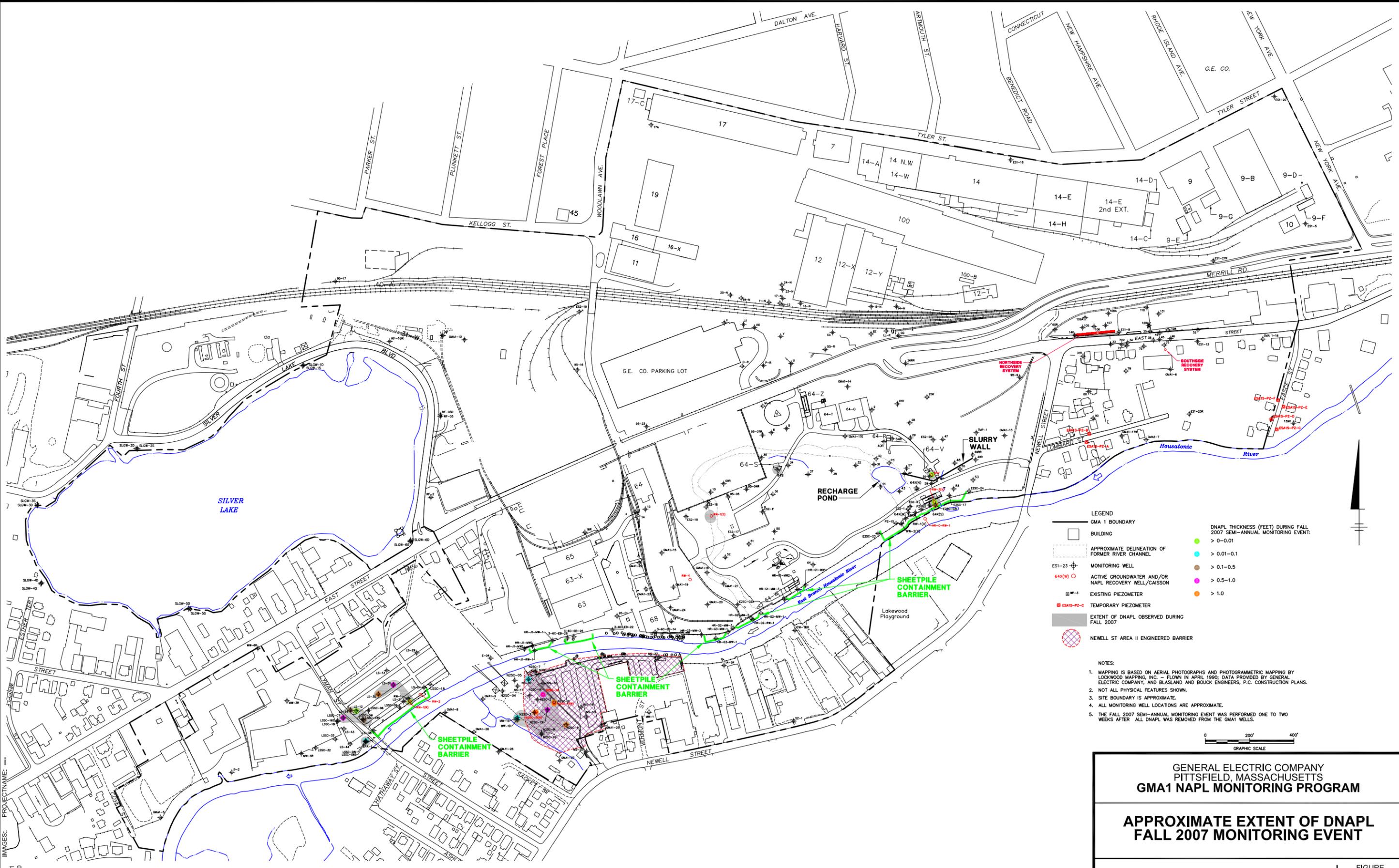
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM

**APPROXIMATE EXTENT OF LNAPL
 FALL 2007 MONITORING EVENT**

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FIGURE
11

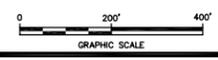
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 XREFS: 20136X01 20136X00



LEGEND

	GMA 1 BOUNDARY		DNAPL THICKNESS (FEET) DURING FALL 2007 SEMI-ANNUAL MONITORING EVENT:
	BUILDING		> 0-0.01
	APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL		> 0.01-0.1
	MONITORING WELL		> 0.1-0.5
	ACTIVE GROUNDWATER AND/OR NAPL RECOVERY WELL/CAISSON		> 0.5-1.0
	EXISTING PIEZOMETER		> 1.0
	TEMPORARY PIEZOMETER		EXTENT OF DNAPL OBSERVED DURING FALL 2007
	NEWELL ST AREA II ENGINEERED BARRIER		

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. NOT ALL PHYSICAL FEATURES SHOWN.
 3. SITE BOUNDARY IS APPROXIMATE.
 4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.
 5. THE FALL 2007 SEMI-ANNUAL MONITORING EVENT WAS PERFORMED ONE TO TWO WEEKS AFTER ALL DNAPL WAS REMOVED FROM THE GMA1 WELLS.



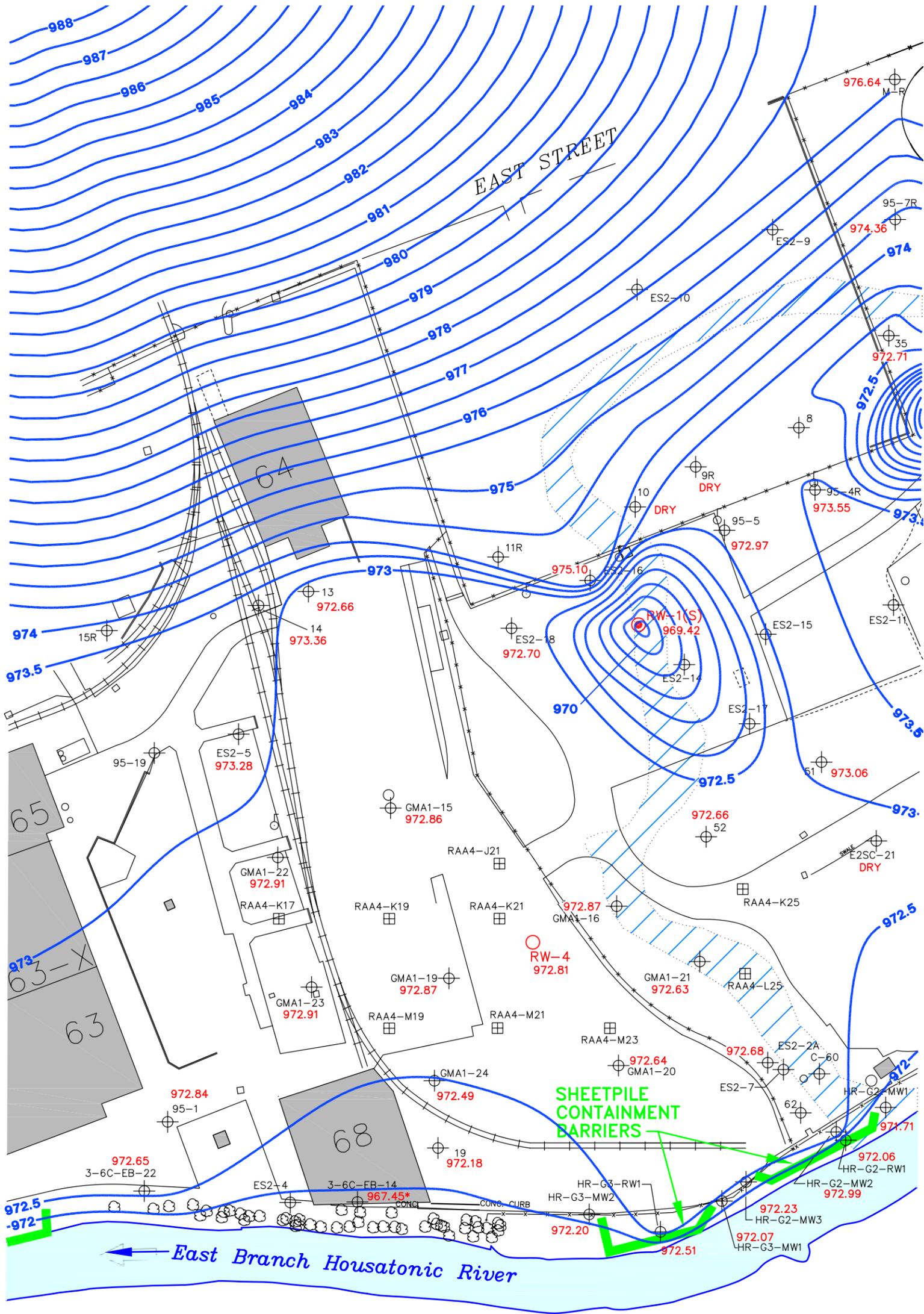
GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM

**APPROXIMATE EXTENT OF DNAPL
 FALL 2007 MONITORING EVENT**

ARCADIS

FIGURE
12

XREFS: IMAGES: PROJECTNAME: ---

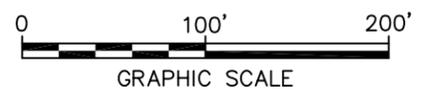


LEGEND:

- BUILDING
- APPROXIMATE DELINEATION OF FORMER RIVER CHANNEL
- MONITORING WELL
- ACTIVE GROUNDWATER AND NAPL RECOVERY WELL
- FORMER SCRAPYARD AREA
- EXISTING SOIL BORING
- PROPOSED LNAPL RECOVERY WELL
- WATER-TABLE ELEVATION CONTOUR LINE (FEET), 0.5-FOOT INTERVAL

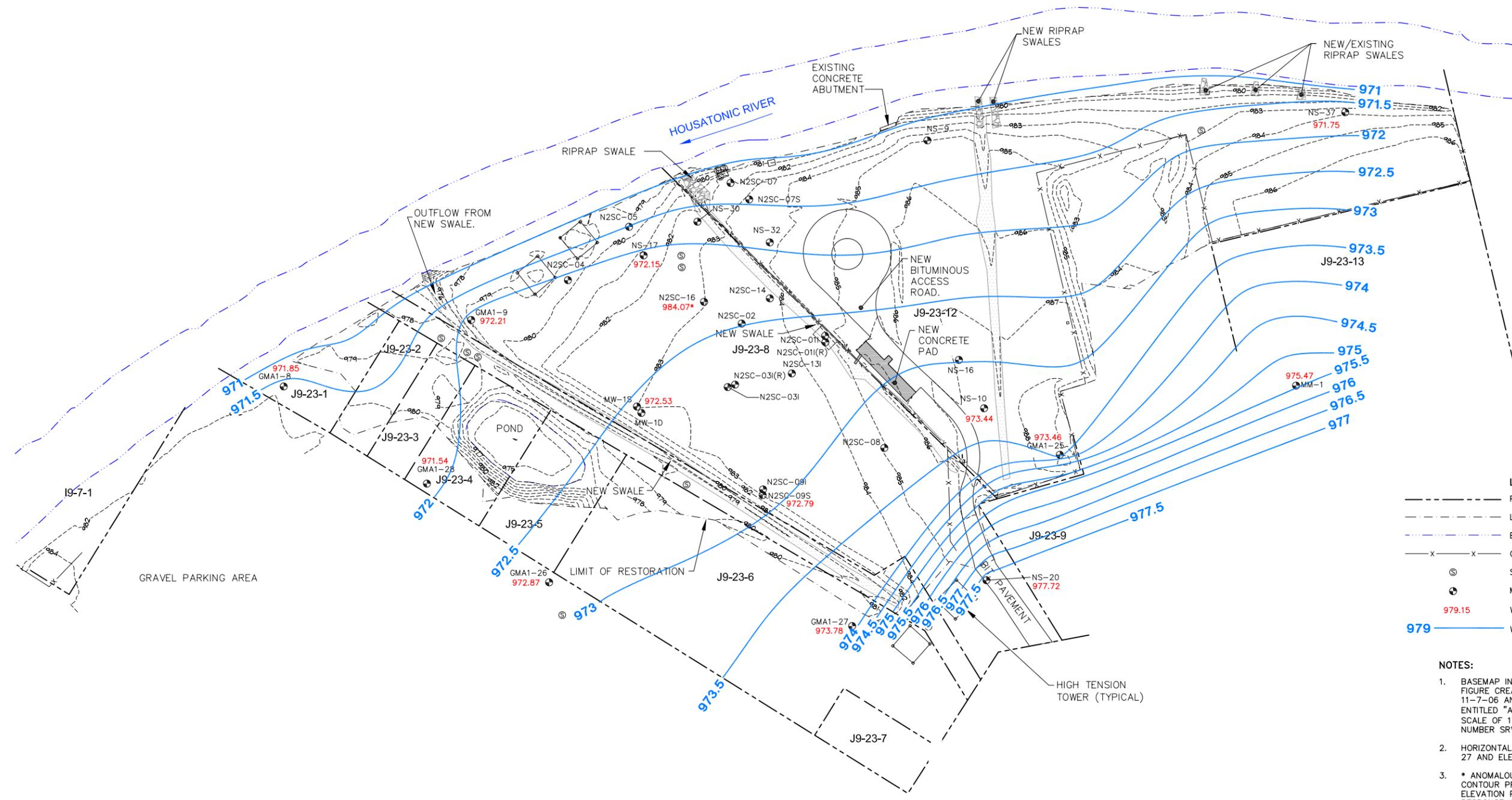
NOTES:

1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY, AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
2. NOT ALL PHYSICAL FEATURES SHOWN.
3. SITE BOUNDARY IS APPROXIMATE.
4. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS GMA 1 NAPL MONITORING PROGRAM	
DETAILED FORMER SCRAPYARD AREA WATER TABLE CONTOUR MAP FALL 2007	
	FIGURE 13

CITY:SYR DIV:GROUP:85 DE:RCE DMW PGL LD:DMW LYRON="OFF" REF="REF"
 G:\CAD\GE-CAD\C-AC\T\B0020136\000000010\DWG\GMA1\FALL07\20136\W01.DWG LAYOUT: 14 SAVED: 2/26/2008 8:11 AM ACADVER: 17.05 (LMS TECH) PAGES: 14 PLOTSETUP: -- PLOTSTYLETABLE: PLT\FULL.CTB PLOTTED: 2/26/2008 9:13 AM BY: JONES, WENDY
 XREFS: 20136\X02 20136\X00
 IMAGES: PROJECTNAME: --



- LEGEND:**
- PROPERTY LINE
 - - - LIMIT OF AS-BUILT TOPOGRAPHIC SURVEY
 - - - EDGE OF WATER
 - x - x - CHAINLINK FENCE
 - ⊙ SEWER MANHOLE
 - ⊕ MONITORING WELL
 - 979.15 WATER TABLE ELEVATION (FT.)
 - 979 WATER TABLE ELEVATION CONTOUR LINE (FT.)

- NOTES:**
1. BASEMAP INFORMATION OBTAINED FROM A FIGURE CREATED BY HILL ENGINEERS ON 11-7-06 AND LAST REVISED ON 1-2-07 ENTITLED "AS-BUILT SITE PLAN" AT A SCALE OF 1" = 50'. DRAWING FILE NUMBER SRV-1060-001.
 2. HORIZONTAL COORDINATE SYSTEM IS NAD 27 AND ELEVATIONS ARE NGVD29.
 3. * ANOMALOUS DATA NOT UTILIZED IN CONTOUR PREPARATION. WELL CASING ELEVATION POSSIBLY ALTERED DURING RESPONSE ACTION ACTIVITIES.



GENERAL ELECTRIC COMPANY
 PITTSFIELD, MASSACHUSETTS
GMA1 NAPL MONITORING PROGRAM

**DETAILED NEWELL STREET AREA II
 WATER TABLE CONTOUR MAP -
 FALL 2007**

ARCADIS

FIGURE
14

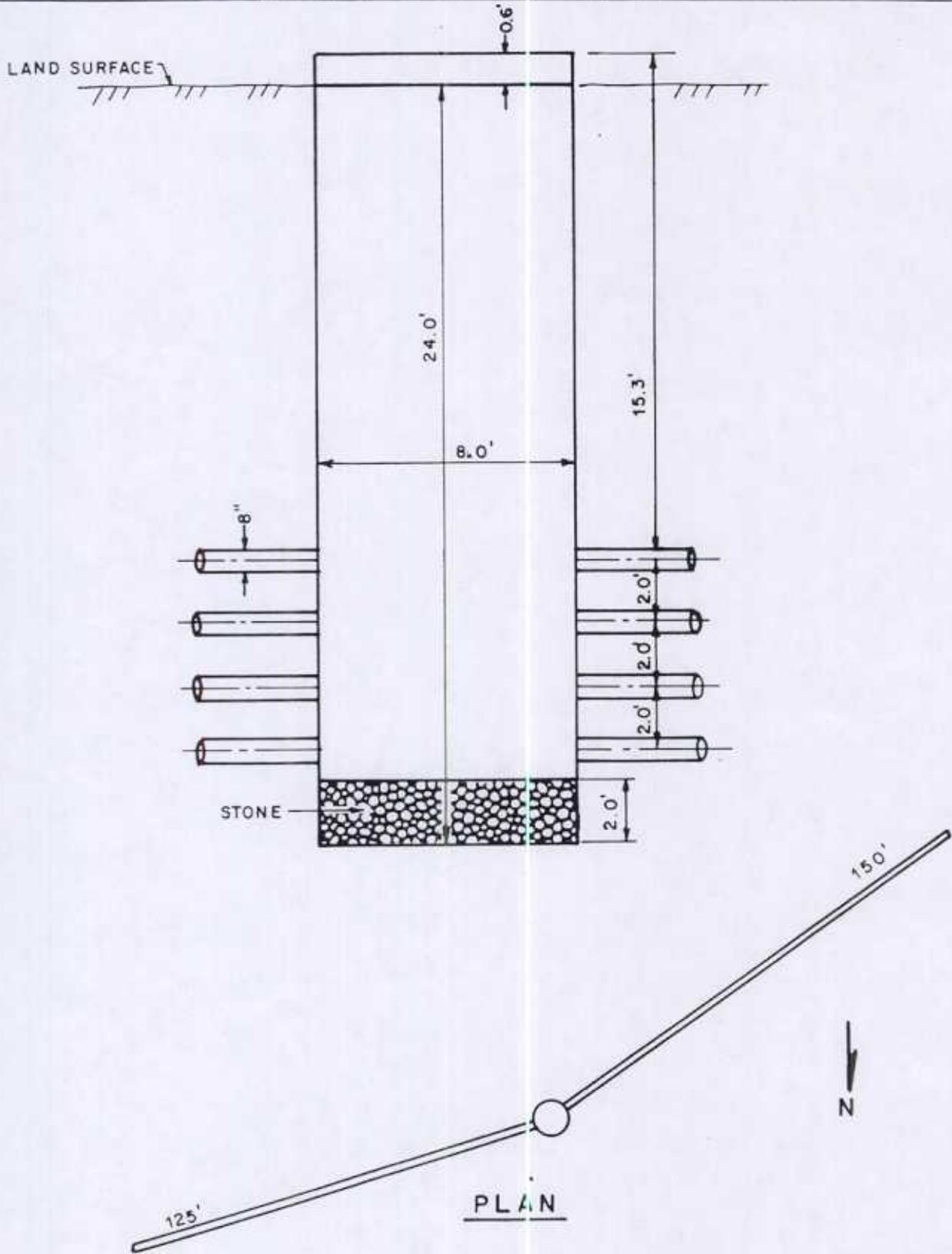
ARCADIS

Appendices

ARCADIS

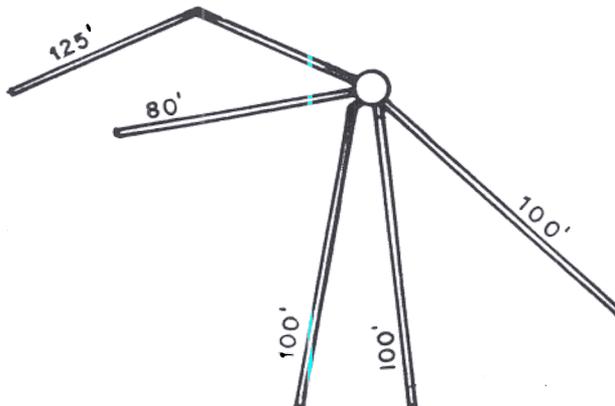
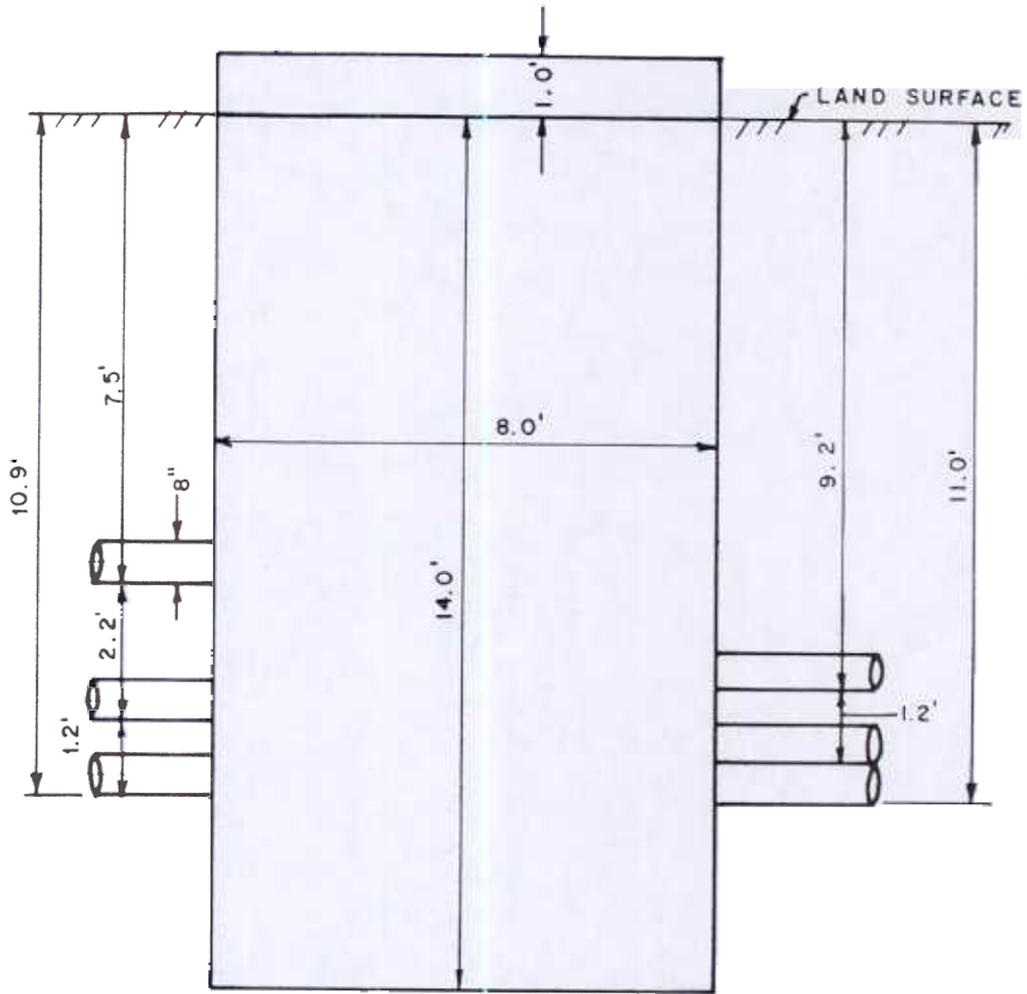
Appendix A

Groundwater Analytical Results –
Fall 2007



**CONSTRUCTION DETAILS
CAISSON 64R**

FIGURE
2



PLAN

N

SUBJECT:

CONSTRUCTION DETAILS
CAISSON 64S

FIGURE
3



DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE				SAMPLES					REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION
		DESCRIPTION	USCS	GRAPHIC LOG	ELEV	NUMBER	TYPE	BLOWS / 6 in	N	REC/ATT		
					DEPTH							
0	2 1/4" ID H.S.A.	0.0-6.0 ft. FILL material. Dark brown, coarse to medium to fine SAND, little to some gravel with styrofoam, glass, and cardboard. (FILL)			0.00	S-1	/S	N/A	N/A	N/A	Boring P-1 was originally drilled using direct push drilling techniques. Due to poor sample recovery and premature refusal, the hole was abandoned and boring 64S pilot was drilled adjacent to the initial location using conventional drilling techniques.	
						S-2	/S	N/A	N/A	N/A		
5						S-3	CO	4,3,2,2	5	0.0/2.0		
		6.0-9.0 ft. Black SILTY SAND, little gravel, very moist, strong odor. No oil.	SM		6.00	S-4	CO	4,4,4,7	8	0.1/2.0		
						S-5	CO	3,3,4,4	7	0.0/2.0		
10		9.0-19.2 ft. Loose to compact, black SILTY SAND, little gravel saturated with water and oil, strong odor.	SM		9.00	S-6	CO	4,5,3,6	8	0.0/2.0		
						S-7	CO	7,4,2,7	6	0.0/2.0		
						S-8	AS	N/A	N/A	N/A		
						S-9	AS	N/A	N/A	N/A		
						S-10	DO	10,7,8,8	15	2.0/2.0		
20			SM		19.20							
					20.00							
		20.0-21.5 ft. No recovery.				S-11	DC	WOR,WOR,4,6	N/A	0.5/2.0		
		21.5-22.0 ft. Soft, tan SILT, little to some sand.	ML		21.50							
		22.0-23.5 ft. No recovery.			22.00	S-12	DC	4,8,16,16	24	0.5/2.0		
25	23.5-30.0 ft. Compact, grey, coarse to medium to fine SAND and GRAVEL, little silt, saturated with water. No oil present.	SW/GW		23.50	S-13	DC	9,9,10,14	19	0.1/2.0			
					S-14	DC	15,14,12,11	26	1.0/2.0			
					S-15	DC	20,11,12,14	23	2.0/2.0			
30				30.00						BORING TERMINATED AT 30.0 FT. BELOW GROUND SURFACE.		
35												
40												

JOB NO. 963-6322 PROJECT GE/EAST STREET AREA 2/MA WELL NO. 64S(DEEPENING) SHEET 1 of 1
 GA INSP. M. ZARENSKI DRILLING METHOD 24" DIA. BAYSHORE AUGER GROUND ELEV. N/A WATER DEPTH N/A
 WEATHER SUNNY DRILLING COMPANY MAXYMILLIAN TECHNOLOGIES COLLAR ELEV. N/A TIME/DATE N/A
 TEMP. 30°-40° F DRILL RIG BAYSHORE AUGER DRILLER H. BOHL STARTED 1000/11-13-97 COMPLETED 1200/11-13-97
 LOCATION / COORDINATES N/A TIME / DATE TIME / DATE

MATERIALS INVENTORY

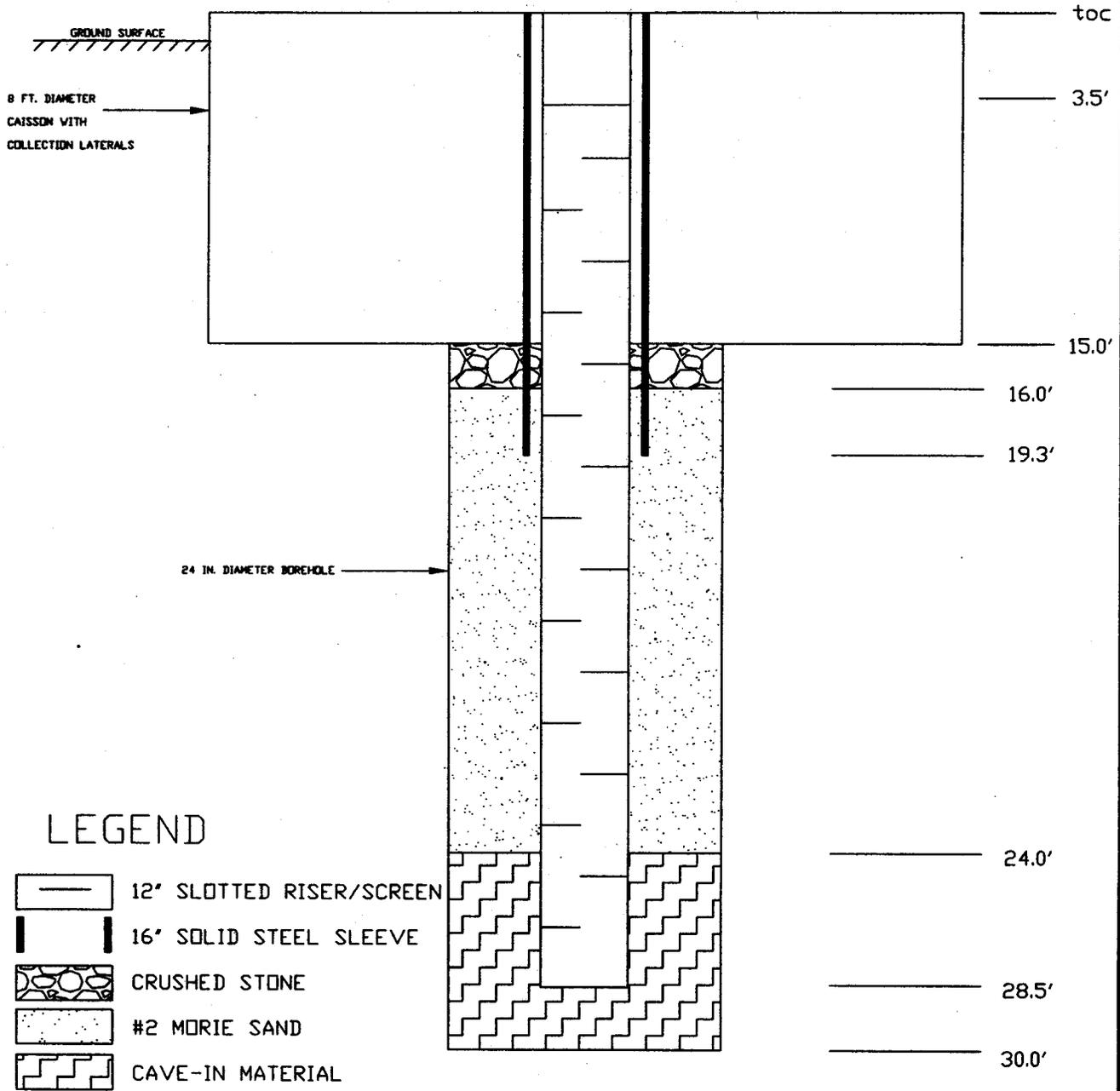
WELL CASING 12 in. dia. 5 I.F. WELL SCREEN 12 in. dia. 25 I.F. BENTONITE SEAL N/A
 CASING TYPE STAINLESS STEEL SCREEN TYPE STAINLESS STEEL INSTALLATION METHOD GRAVITY
 JOINT TYPE WELDED SLOT SIZE 0.140" MACHINE SLOTTED FILTER PACK QTY. 1300 LBS.
 GROUT QUANTITY 10 GALLONS CENTRALIZERS NONE USED FILTER PACK TYPE #2 MORIE SAND
 GROUT TYPE CEMENT/BENTONITE DRILLING MUD TYPE N/A INSTALLATION METHOD GRAVITY

ELEV./DEPTH	SOIL/ROCK DESCRIPTION	WELL SKETCH	INSTALLATION NOTES	
	GROUND SURFACE			
0.00	See pilot boring for 64S (deepening) for lithologic description.			
5.00				
10.00				
15.00				
20.00				
25.00				
30.00				
35.00				
40.00				
45.00				
50.00				
55.00				

WELL DEVELOPMENT NOTES

LEGEND

-  CRUSHED STONE
-  #2 MORIE SAND
-  CAVE-IN MATERIAL



NOTE: NOT TO SCALE



SPECTRA ENVIRONMENTAL GROUP
 19 British American Blvd
 Latham, NY 12110

INSPECTOR: J. FOX

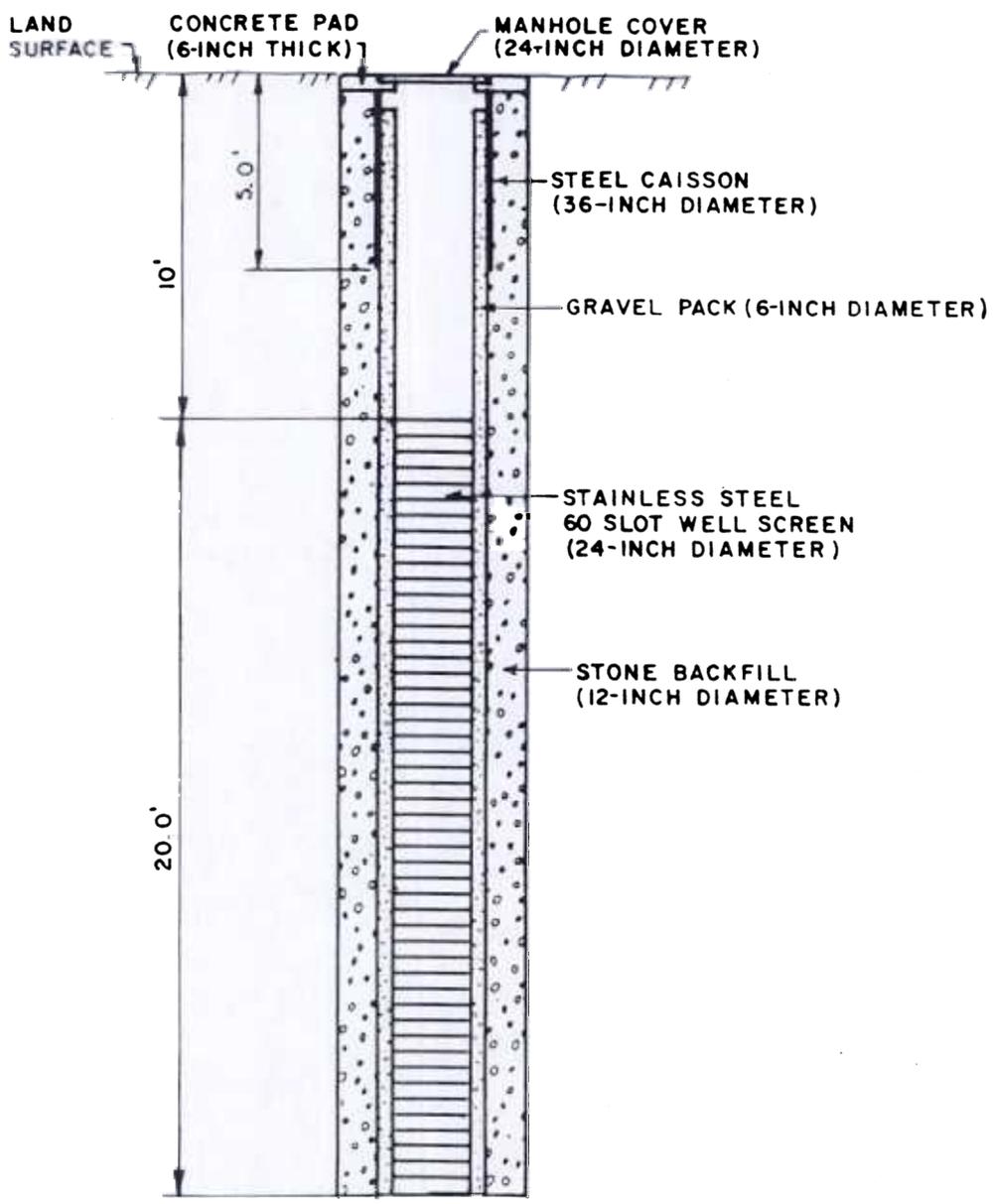
64S RECOVERY SYSTEM

GENERAL ELECTRIC COMPANY

PITTSFIELD, MA

BERKSHIRE COUNTY

PROJ. No.: 02348 | DATE: 10/22/02 | SCALE: NTS | DWG. NO. 02348002 | FIGURE 1

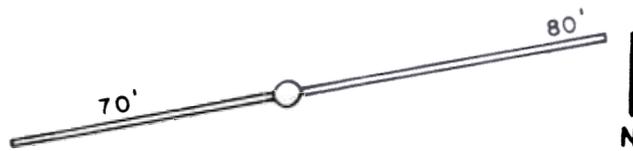
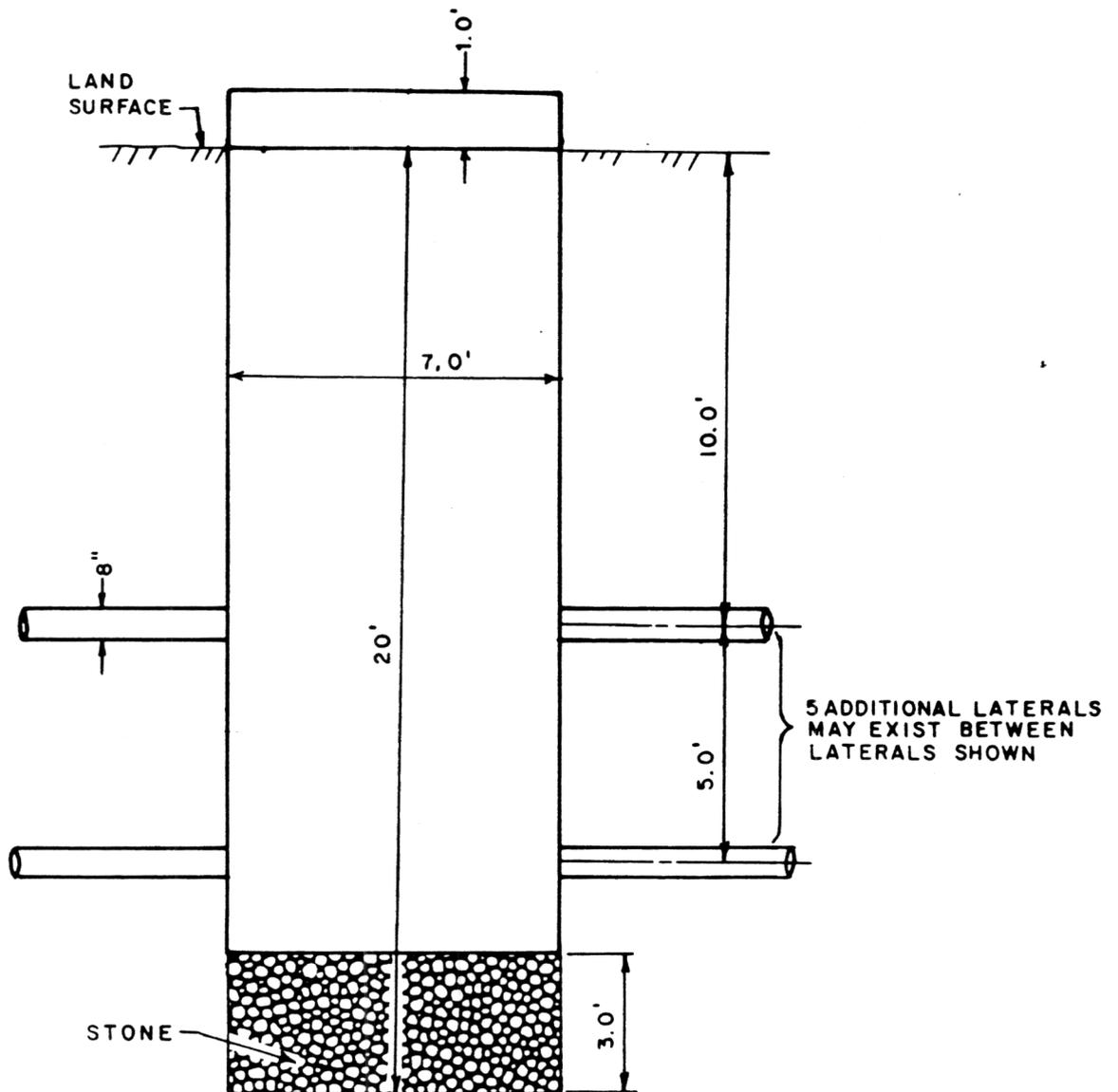


SUBJECT:

CONSTRUCTION DETAILS
CAISSON 64V

FIGURE
6

132720



PLAN

**CONSTRUCTION DETAILS
CAISSON 64X(S)**

FIGURE

4



DEPTH SCALE FEET	BORING METHOD	SOIL PROFILE			SAMPLES					REMARKS	PIEZOMETER OR STANDPIPE INSTALLATION		
		DESCRIPTION	USCS	GRAPHIC LOG	ELEV DEPTH	NUMBER	TYPE	BLOWS / 6 in	N			REC/ATT	
0	2 1/4" ID H.S.A.	0.0-14.0 ft. FILL material. Mostly black SAND, SILT, and GRAVEL. Wood, pieces of wire, and brick fragments also present. Saturated with oily residue beginning at 13.6 ft. bgs. (FILL)			0.00	S-1	AS	N/A	N/A	N/A	Boring P-2 was originally drilled using direct push drilling techniques. Due to poor sample recovery and premature refusal, the hole was abandoned and boring RW-1(S) pilot was drilled adjacent to the initial location using conventional drilling techniques.		
					S-2	AS	N/A	N/A	N/A				
					S-3	AS	N/A	N/A	N/A				
					S-4	AS	N/A	N/A	N/A				
					S-5	AS	N/A	N/A	N/A				
					S-6	DO	6,18,50/1'	N/A	0.5/2.0				
					S-7	DO	3,4,6,6	10	0.4/2.0				
15			14.0-18.5 ft. Compact to loose, black coarse to medium to fine SAND, little to and gravel. Saturated with oily residue.	SW		14.00	S-8	DO	4,6,8,2	12			1.5/2.0
						S-9	DO	3,6,8,10	14	1.0/2.0			
20			18.5-22.4 ft. Loose to compact, grey, fine to very fine SAND, little to some silt. Strong odor. No oil.	SP		18.50	S-10	DO	3,4,4,7	8			2.0/2.0
						S-11	DO	4,5,6,7	11	1.8/2.0			
25			22.4-28.5 ft. Firm to stiff, grey SILT, little sand, little gravel at 28.0-28.5 ft. Strong to slight odor. No oil.	ML		22.40	S-12	DO	4,7,7,10	14			2.0/2.0
						S-13	DO	3,2,4,4	6	2.0/2.0			
						S-14	DO	3,6,8,9	14	2.0/2.0			
30			28.5-30.0 ft. Compact, grey, coarse to medium to fine SAND, little silt, little gravel.	SW		28.50	S-15	DO	6,10,8,5	18			1.5/2.0
		BORING TERMINATED AT 30.0 FT. BELOW GROUND SURFACE.			30.00								

JOB NO. 963-6322 PROJECT GE/EAST STREET AREA 2/MA WELL NO. RW-1(S) SHEET 1 of 1
 GA INSP. M. ZARENSKI DRILLING METHOD 24" DIA. BAYSHORE AUGER GROUND ELEV. N/A WATER DEPTH 13.70
 WEATHER OVERCAST DRILLING COMPANY MAXYMILLIAN TECHNOLOGIES COLLAR ELEV. N/A TIME/DATE 0930/11-12-97
 TEMP. 50° F DRILL RIG BAYSHORE AUGER DRILLER H. BOHL STARTED 1045/11-07-97 COMPLETED 1600/11-07-97
 LOCATION / COORDINATES N/A TIME / DATE TIME / DATE

MATERIALS INVENTORY

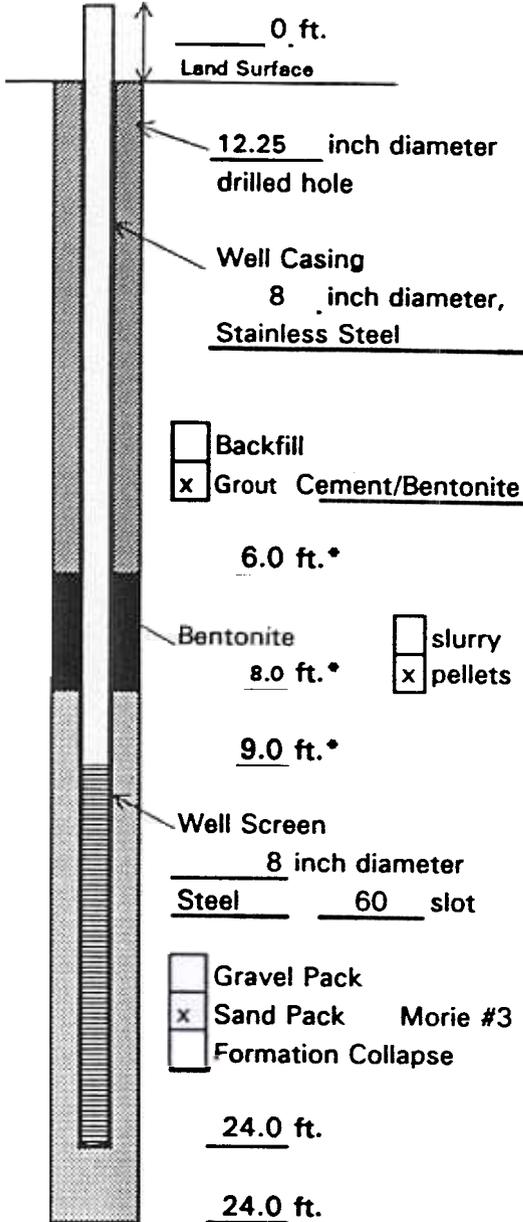
WELL CASING 12 in. dia. 10 I.F. WELL SCREEN 12 in. dia. 20 I.F. BENTONITE SEAL BENTONITE CHIPS
 CASING TYPE STAINLESS STEEL SCREEN TYPE STAINLESS STEEL INSTALLATION METHOD GRAVITY
 JOINT TYPE WELDED SLOT SIZE 0.040" MACHINE SLOTTED FILTER PACK QTY. 4100 LBS.
 GROUT QUANTITY 10 GALLONS CENTRALIZERS NONE USED FILTER PACK TYPE #2 MORIE SAND
 GROUT TYPE CEMENT/BENTONITE DRILLING MUD TYPE N/A INSTALLATION METHOD GRAVITY

ELEV./DEPTH	SOIL/ROCK DESCRIPTION	WELL SKETCH	INSTALLATION NOTES
	GROUND SURFACE		
0.00	See RW-1(S) pilot boring log for lithologic description.		
5.00			
7.00			
10.00			
15.00			
20.00			
25.00			
30.00			
30.50			
35.00			
40.00			
45.00			
50.00			
55.00			

WELL DEVELOPMENT NOTES
 Volume of Annular space between borehole wall and steel screen is equal to the volume of 24" dia. borehole minus volume of 12" casing and is equal to 3.14 ft³/ft minus .785 ft³/ft or 2.34 ft³/ft.
 Density of #2 sand = 85 lb/ft³
 Amount of sand pack is (23.5 ft) (2.34 ft³/ft) (0.85 lb/ft³) = 4674 lbs

- LEGEND**
- CEMENT/BENTONITE
 - BENTONITE CHIPS
 - #2 MORIE SAND

WELL CONSTRUCTION LOG
(UNCONSOLIDATED)



Measuring Point is
Top of Well Casing
Unless Otherwise Noted.

* Depth Below Land Surface

Project AY05312 Well RW-1(X)
Town/City Pittsfield
County Berkshire State Massachusetts
Permit No. _____
Land-Surface Elevation _____ feet
 Surveyed
 Estimated

Installation Date(s) 11/24/92 - 11/25/92
Drilling Method Hollow-Stem Auger
Drilling Contractor Empire Soils Investigations, Inc.
Drilling Fluid None

Development Technique(s) and Date(s)
Centrifugal Pump and Polyethylene Tubing: 11/25/92

Fluid Loss During Drilling 0 gallons
Water Removed During Development 275 gallons
Static Depth to Water _____ feet below M.P.
Pumping Depth to Water _____ feet below M.P.
Pumping Duration _____ hours
Yield _____ gpm Date _____
Specific Capacity _____ gpm/ft.

Well Purpose Recovery Well

Remarks _____

Prepared by A. LaBarge

PROJECT	East Street Area 2				SHEET	1 OF 3	
CLIENT	General Electric Company - Pittsfield, MA				JOB No.	87386.010	
DRILLING CONTRACTOR	Empire Soils Investigations, Inc.				MEAS. PT ELEV.		
PURPOSE	Recovery Well Installation				GROUND ELEV.		
DRILLING METHOD	Hollow Stem Auger	SAMPLE	CORE	CASING	DATUM	MSL	
DRILL RIG TYPE	Failing F-10	TYPE	SS	NA	HSA	DATE STARTED	10/27/93
GROUNDWATER ELEV.	14.63'	DIA.	2" OD	NA	6 5/8" ID	DATE FINISHED	10/28/93
MEASURING POINT	TIC	WEIGHT	300#			DRILLER	Ed Cole
DATE OF MEASUREMENT	10/28/93	FALL	30"			INSPECTOR	Mark A. Williams

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
0					Augered down to 5.0' BGS		TIC = Top of Inner Casing
2							
4							
5.0							
5.0 - 6.0	S-1	4	SW-SP		Br lt br cm(+) S, l (-) mf G; freq cbls; Fe std; no odor; ls/med. dense (SW-SP) <u>Brown light brown coarse to medium (+) SAND, little (-) medium to fine Gravel; frequent cobbles; iron stained; no odor; loose/medium dense</u>	5.0	Rec = 1.05' Dry HS = 0.2 ppm LNAPL = none
6.0 - 7.0		5					
7.0 - 8.0		5					
8.0 - 9.0	S-2	9	SW-SP		Br br gr c(+)m S, t mf G; freq qtz cbl chps; med. dense (SW-SP)		Rec = 1.10' Dry HS = 0.3 ppm LNAPL = none
9.0 - 10.0		4					
10.0 - 11.0		8					
11.0 - 12.0		8					
12.0 - 13.0		7					
13.0 - 14.0		3			Br cm S, l (+) mf G; occ. cbl pcs; ls (SW-SP)		Rec = 1.25' Dry/Moist HS = 0.6 ppm
14.0 - 15.0		3			(OUTWASH)		

PROJECT **East Street Area 2**

SHEET **2** OF **3**

CLIENT **General Electric Company - Pittsfield, MA**

JOB No. **87386.010**

DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
	S-3	4	SW-SP				PCB Soil Sample Collected @ 10' BGS LNAPL = none
		5					Rec = 1.35' Dry
		6					HS = 1.8 ppm
12	S-4	8	GP		Br gr cm(+)f G, s (-) cmf S; mtd; freq. cbl chips; ls (GP) <u>Brown-gray coarse medium (+) to fine GRAVEL, some (-) coarse to fine Sand; mottled; frequent cobble chips; loose (GP) (OUTWASH)</u>		HS = 1.6 ppm (tip of SS) LNAPL = none
		9					
		9					
14			GP		Br cmf G, s (-) c(+)m S; freq. qtz. cbls; rk frag. noted; ls (GP)		Undisturbed Sample in two 2.5' sections Section 1 (13'-15.5') Moist/wet @ bottom of sample
							Section 2 (15.5'-18') 100% recovery 0.8' oil stained soils, between 16.7 -17.5' BGS
16			SW-SP		Br Gr c(+)m S, a (-) cmf G; stnd w/oil; odr noted		
18					Dk Gr cmf G, s (+) c(+)m S; occ. cbls; oil odr; stnd	17.5	
		3					Rec = 1.35' Wet
	S-5	5	SM		Dk br/dk gr mf S, s (+) \$; mnr oil odr; mnr stnd; ls at 18.2' to 18.5'...Dk gr mf G, s (-) c(+)m S, occl cbls; oil odor, sl stnd; ls/med. dense (SM)		HS = 2.4 ppm LNAPL = slight sheen observed
		6					
		8					
20		1					
	S-6	2	SP		Dk gr c(+) m S, s(+) mf G; occ cbl chips; minor oil odr; mnr stnd; ls (SP)		Rec = 1.1' Wet
		3					HS = 3.2 ppm LNAPL = slight
		4					PCB soil sample collected at 20' BGS
22							

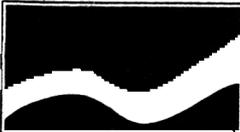
PROJECT **East Street Area 2**

SHEET **3** OF **3**

CLIENT **General Electric Company - Pittsfield, MA**

JOB No. **87386.010**

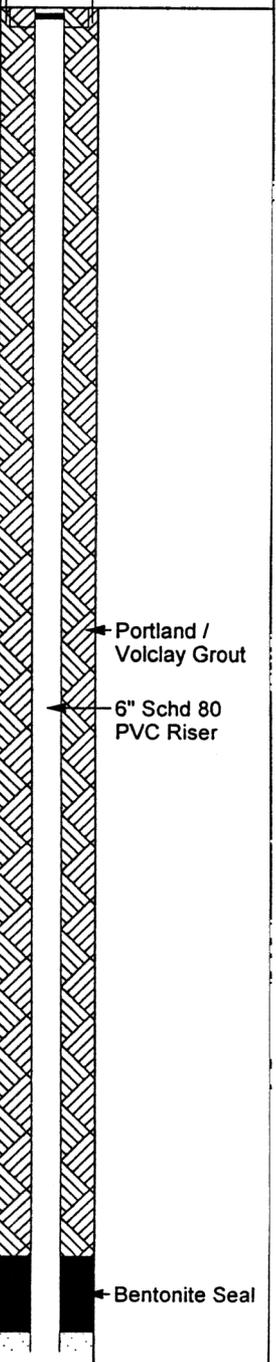
DEPTH FT.	INTERVAL, RECOVERY, SAMPLE NUMBER	BLOWS ON SAMPLE SPOON PER 6"	UNIFIED CLASSIFICATION	GRAPHIC LOG	GEOLOGIC DESCRIPTION	ELEV. DEPTH	REMARKS
24	S-7	WOR WOR 2 4	GW-GP		Dk gr mf G, l cm S, occ. cbl chips; v ls; oil odor/std (GW-GP) (OUTWASH)		Rec = 1.0' Wet HS = 2.1 ppm LNAPL = slight, minor sheen observed PCB soil sample collected at 24' BGS
					End of Boring @ 25.0' Recovery Well Installation (Stainless Steel, 60 slot screen) 0 - 2' Concrete/Cement Box 2 - 6' Cement/Bentonite Grout 6 - 8' Bentonite Pellets 9 -24' Screen 8 -25' Sand Pack	25.0	



BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER P009-001
 PROJECT NAME Source Control Upper Reach Housatonic River
 LOCATION Pittsfield, Massachusetts
 DRILLING METHOD Drive and Wash
 SAMPLING METHOD SS
 GROUND ELEVATION 980.93
 TOP OF CASING 980.28
 LOGGED BY MJJ/NSB
 NORTHING 533486.57

BORING/WELL NUMBER RW-3(X)
 CASING TYPE/DIAMETER 6" PVC
 SCREEN TYPE/SLOT .080 Slot SS
 GRAVEL PACK TYPE D30 = 5mm
 GROUT TYPE/QUANTITY Portland/Volclay
 DEPTH TO WATER 9.32'
 GROUND WATER ELEVATION NM
 EASTING 133387.39

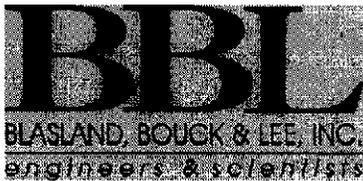
FID (ppm)	BLOW COUNTS	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH	WELL DIAGRAM
				5			No samples taken see Log of E2SC-03 for lithologic description.		 <p>Portland / Volclay Grout</p> <p>6" Schd 80 PVC Riser</p> <p>Bentonite Seal</p>
				10					
				15					
				20					
				25					
				30					
				35					

BORING WELL P009-001 HSI-MA GDT 9/28/99

Continued Next Page

Date Start/Finish: 10/10/03 Drilling Company: Parratt-Wolf Driller's Name: R. Navata, J. Percy Drilling Method: Direct Push/Hollow Stem Auger Bit Size: NA Auger Size: 4 1/4" Rig Type: Ingersoll Rand 8300 Sampling Method: 2" Split Spoon	Northing: 533784.6 Easting: 132978.0 Casing Elevation: 992.63 Borehole Depth: 24' below grade Surface Elevation: 993.3 Geologist: K. Gross	Well/Boring ID: GMA1-17W Client: General Electric Company Location: GMA 1 - East Street Area 2 - South
--	---	---

DEPTH	ELEVATION	Sample Run Number	Sample In/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 Inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
995										
0										Flush Mount Cover
1		0-2		3.0	45.0	NA	NA		Brown fine SAND and SILT, little fine Gravel, trace organic matter.	Grout (0 - 2')
									Brown-black fine to medium SAND, some Silt, little fine to medium gravel, trace wood, slight petroleum odor.	
									Orange-brown fine SILTY-SAND, some fine to coarse Gravel, slight petroleum odor.	Sched 40 2" PVC Riser (0.67 - 14' bgs)
2		2-4			68.5	NA	NA		Black coarse to fine SAND, some Coal/Ash and Slag, strong petroleum odor. [FILL]	3/8" Bentonite Chips (2.0' - 10' bgs)
									Orange-brown fine to medium SAND, little Silt and fine to medium Gravel.	
3		4-6		2.0	40.5	NA	NA		Black COAL/ASH/SLAG, strong petroleum odor. [FILL]	
									Orange-brown fine SAND and SILT, moist, slight petroleum odor.	
4		6-8			31.7	NA	NA			
									Gray-brown SILT, little fine to medium Sand, moist, slight petroleum odor.	
5		8-10		3.8	54.1	NA	NA			
									Orange-brown fine to medium SAND, trace Silt, moist.	Type #1 Silica Sand (10' - 24' bgs)
6		10-12			42.5	NA	NA			
									Gray-brown fine to coarse SAND, some fine to medium Gravel, moist.	
7		12-14		2.5	23.9	NA	NA		Black coarse to fine SAND, trace Silt, wet, visible product, strong petroleum odor.	Sched 40 2" PVC Slot Screen (0.02") (14' - 24' bgs)
8		14-16			82.7	NA	NA			



Remarks: NA = not available;
bgs = below ground surface.

Client:
 General Electric Company
 Site Location:
 GMA 1 - East Street Area 2 - South

Well/Boring ID: GMA1-17W
 Borehole Depth: 24' below grade

DEPTH	ELEVATION	Sample Run Number	Sample/in/Type	Recovery (feet)	PID Headspace (ppm)	Blows / 6 inches	N - Value	Geologic Column	Stratigraphic Description	Well/Boring Construction
9		16-18		1.2	38.9	NA	NA		Light brown fine SAND (light), some fine to coarse Gravel, strong petroleum odor.	<p>Sched 40 2" PVC Slot Screen (0.02") (14' - 24' bgs) Type #1 Silica Sand (10' - 24' bgs)</p>
975		18-20		NA	NA	NA	NA	Not available.		
20		20-22		0.5	19.5	NA	NA		Dark brown fine SAND, some Silt, trace organic material, wet, strong petroleum odor.	
									Gray coarse to fine GRAVEL, some brown Silt, wet, odor, sheen.	
970		22-24		1.5	27.8	NA	NA		Brown medium to fine SAND, trace Silt, wet, odor.	
25										
965										
30										
960										
35										



Remarks: NA = not available;
 bgs = below ground surface.

Date Start/Finish: 09/01/98 / 09/03/98 Drilling Company: Maxymilian Driller's Name: -1 Drilling Method: Solid Stem Auger Bit Size: -1 Auger Size : 22 Rig Type: Drott 80 Spoon Size: -1-in.	Northing: 532583.084 Easting: 131024.138 Well Casing Elev.: 985.17 ft. Corehole Depth: -1 ft. Borehole Depth: 20 ft. Ground Surface Elev.: 984.80 ft. Geologist: Ronald D. Kuhn	Well No. RW-1R Client: General Electric Company Site: Lyman Street Parking Lot Site Pittsfield, Massachusetts
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DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Blows/6 In.	N	Recovery (ft.)	PID (ppm) Headspace	Geotechnical Test	Geologic Column	Stratigraphic Description	Well Construction
	gs elevation 984.80 ft.									GROUND SURFACE	12" diameter temporary plug cap
		(0-2')	NA NA NA NA	NA		1.2	0.0			Brown fine SAND, little medium to coarse Sand, trace fine to medium Gravel, trace Silt, damp.	3.0' x5'x5' concrete pad with rebar 3.0' processed gravel (5'x5')
		(2-4')	NA NA NA NA	NA		1.5	4.1			Dark brown fine SAND, little medium to coarse Sand, little Silt, trace fine to medium Gravel, trace roots, trace to little glass, slag, coal, brick, and clay tile, damp.	Type I Portland cement/5% bentonite grout 0 to 3.0' bgs Hydrated medium bentonite chips 3.0' to 5.4' bgs
5	980	(4-6')	NA NA NA NA	NA		1.0	0.0				12" ID Sch. 40 stainless steel riser 0 to 9.4' bgs
		(6-8')	NA NA NA NA	NA		0.4	0.4				
		(8-10')	NA NA NA NA	NA		1.5	0.0				
0	975	(10-12')	NA NA NA NA	NA		1.3	0.0				Grade #2 unisil silica sand pack 5.4' to 19.4' bgs
		(12-14')	NA NA NA NA	NA		1.3	3.3			Moist Color change to dark gray to black @ 14' bgs, saturated.	24" diameter borehole
5	970	(14-16')	NA NA	NA		0.5	17.3			Fill/Native Boundary	12" ID stainless steel wire wound 0.040" slot screen 9.4' to 19.4' bgs



Remarks:

No analytical samples were collected for this boring. Soil descriptions are from RW-1R (Pilot Boring) which was installed by BBL on 8/13/98 using a powerprobe direct push rig.

Water Levels

Date / Time	Elevation	Depth
8/13/98		14' ▼
		-1' ▼

Site:
Lyman Street Parking Lot Site
Pittsfield, Massachusetts

Well No. RW-IR

Total Depth = 20 ft.

Client:
General Electric Company

DEPTH	ELEVATION	Sample Run Number	Sample/Int./Type	Blows/6 In.	N	Recovery (ft.)	PI0 (ppm) Headspace	Geotechnical Test	Geologic Column	Stratigraphic Description	Well Construction
		(14-18')	NA NA	NA	NA	0.5	17.3			Dark gray to black fine to coarse SAND, little Silt, trace to little fine to medium Gravel, saturated, slight sheens, odor.	
		(16-18')	NA NA NA NA	NA	1.4	24.9					
		(18-20')	NA NA NA NA	NA	2.0	15			Olive brown SILT, little fine Sand, trace medium to coarse Sand, trace fine to medium Gravel, moist. (Confining)		
20	965									Bottom of boring at 20.0' bgs	
25	960										
30	955										
35	950										



Remarks:

Total depth of boring 20.0' bgs. Total depth of recovery well 20.4' bgs. NA = Not applicable.

Water Levels

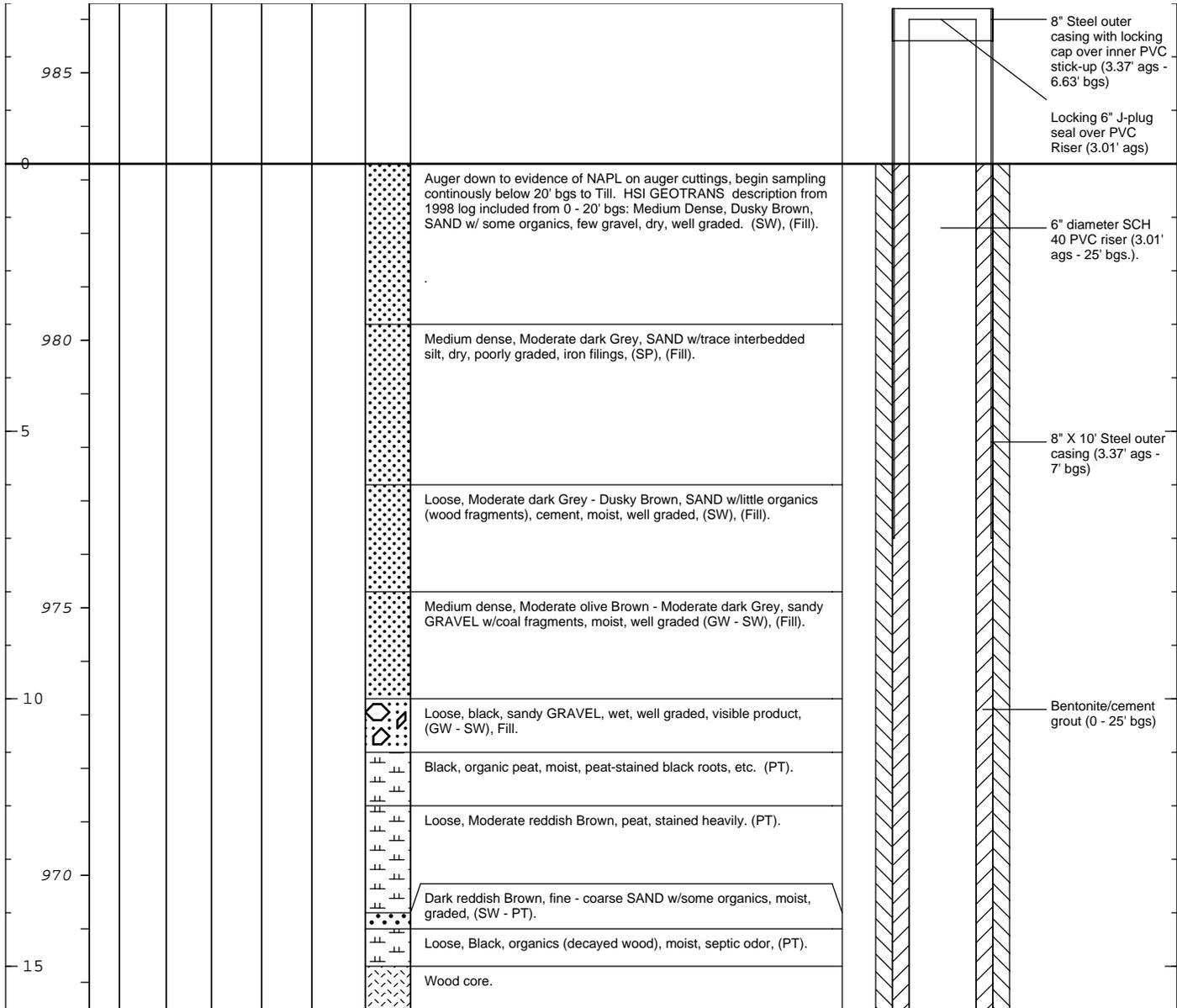
Date / Time	Elevation	Depth
8/13/98		14' ↓
		↑
		↓

Date Start/Finish: 8/8/05 - 8/9/05
Drilling Company: SJB Services, Inc.
Driller's Name: Bill Bosworth
Drilling Method: HSA
Bit Size: 8.5" OD
Auger Size: 8.25" ID
Rig Type: CME 75
Sampling Method: 2" X 2' SS

Northing: 532577.40
Easting: 131668.80
Casing Elevation: 985.98
Borehole Depth: 40' bgs.
Surface Elevation: 983.3
Geologist: Katherine Murray

Well ID: N2SC-11(R)
Client: General Electric Company
Location: Newell St II
Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well Construction
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Remarks: NA = Not Available/Applicable; bgs = below ground surface; ags = above ground surface; SS = Split Spoon; HSA = Hollow Stem Auger; TBD = To Be Determined; OD = Outer Diameter; ID = Inner Diameter; NAPL = Non-aqueous Phase Liquid; LNAPL = Light Non-aqueous Phase Liquid.

Client:
General Electric Company

Boring ID: N2SC-11(R)

Site Location:
Newell St II
Pittsfield,
Massachusetts

Borehole Depth: 40' bgs.

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well Construction
								Wood core.		
965								Dense, Moderate olive Brown, coarse - fine SAND w/some organics, wet, well graded, (SW).		6" diameter SCH 40 PVC riser (3.01' ags - 25' bgs.).
20								Wood core. End of HSI GEOTRANS descriptions from 1998.		Bentonite/cement grout (0 - 25' bgs.)
		1	20-22	1.0	2 2 4 8	6	0.0	Begin sampling for new recovery well due to evidence of NAPL on auger cuttings: Olive-gray very fine SAND, some Silt, medium dense, nonplastic, saturated. No evidence of NAPL in spoon at this depth. Shake test on auger cuttings showed a thin layer of LNAPL.		
960		2	22-24	0.8	3 6 6 5	12	0.0			
25		3	24-26	0.9	1 3 7 7	10	0.0	Gray fine GRAVEL, some coarse Sand, little medium Sand, trace fine Sand and Silt, loose, nonplastic, saturated.		Hydrated bentonite seal (25-27' bgs.).
		4	26-28	1.1	3 4 4	7	0.0	Olive-gray very fine SAND, some Silt, medium dense, nonplastic, saturated.		
955		5	28-30	1.3	5 5 6	10	0.0	Gray/olive medium SAND, some fine Sand, trace coarse Sand, loose, nonplastic, saturated.		# 1 Morie Sandpack (27 - 38' bgs.).
30		6	30-32	1.2	3 6 6 5	12	0.0	Gray fine Gravel, some coarse Sand, little medium Sand, trace fine Sand and Silt, loose, nonplastic, saturated.		6" diameter SCH 40 PVC 0.020 slotted well screen (28 - 38' bgs.).
950		7	32-34	0.6	4 8 7 10	15	0.0			
35		8	34-36	0.7	3 3 4 4	7	70			



Remarks: NA = Not Available/Applicable; bgs = below ground surface; ags = above ground surface; SS = Split Spoon; HSA = Hollow Stem Auger; TBD = To Be Determined; OD = Outer Diameter; ID = Inner Diameter; NAPL = Non-aqueous Phase Liquid; LNAPL = Light Non-aqueous Phase Liquid.

Client:
General Electric Company

Boring ID: N2SC-11(R)

Site Location:
Newell St II
Pittsfield,
Massachusetts

Borehole Depth: 40' bgs.

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well Construction
		9	36-38	1.3	5 2 2 2	4	82	[Pattern]	Gray-olive SILT, little fine Sand, sheen, strong odor, possible NAPL, medium dense, saturated.	<p>6" diameter SCH 40 PVC 0.020 slotted well screen (28 - 38' bgs). # 1 Morie Sandpack (27 - 38' bgs.). # 1 Morie Sand (38 - 40' bgs.).</p>
945		10	38-40	1.0	2 4 10 19	14	65	[Pattern]	Olive-gray SILT, little very fine Sand and fine to medium Gravel, medium dense to dense, sheen, odor, saturated.	
40										
	940									
	45									
	935									
	50									
	930									
	55									



Remarks: NA = Not Available/Applicable; bgs = below ground surface; ags = above ground surface; SS = Split Spoon; HSA = Hollow Stem Auger; TBD = To Be Determined; OD = Outer Diameter; ID = Inner Diameter; NAPL = Non-aqueous Phase Liquid; LNAPL = Light Non-aqueous Phase Liquid.

Date Start/Finish: 8/10/05 - 8/11/05
Drilling Company: SJB Services, Inc.
Driller's Name: Bill Bosworth
Drilling Method: HSA
Bit Size: 8.5" OD
Auger Size: 8.25" ID
Rig Type: CME 75
Sampling Method: 2" X 2' SS

Northing: 532538.9
Easting: 131586.6
Casing Elevation: 986.08
Borehole Depth: 40' bgs.
Surface Elevation: 983.5
Geologist: Katherine Murray

Well ID: N2SC-3I(R)
Client: General Electric Company
Location: Newell St II
Pittsfield, Massachusetts

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well Construction
0	985									Steel outer casing with locking cap over inner PVC stick-up (2.9' ags - 7.1' bgs) Locking 6" J-plug seal over PVC Riser (2.5' ags)
0									Auger down to evidence of NAPL on auger cuttings, begin sampling continuously below 20' bgs to Till. HSI GEOTRANS description from 1998 log included from 0 - 20' bgs: Loose, Pale Brown, SAND w/ some organics, few gravel, dry, well graded. (SP), (Fill).	
									Medium dense, Yellowish Orange to Moderate dark Brown, SAND w/ceramic and coal fragments, dry, well graded, (SP), (Fill).	6" diameter SCH 40 PVC riser (2.5' ags - 25' bgs).
5	980							x x x x x x x x	Medium dense, Grey, wood and paper fragments, (Fill).	
									Medium dense, Moderate Brown, SAND w/few gravel, little organics, moist, well graded, (SP), (Fill).	8" Steel outer casing (2.9' ags - 7.1' bgs)
									Medium dense, Moderate to Dark Brown, SAND w/little gravel, few ceramic fragments, moist, well graded, (SW), (Fill).	
10	975								Medium dense, Moderate to Dark Brown, SAND w/some silt, wood and brick fragments, (SW), (Fill).	
									Loose, Black, SAND w/some gravel, copper wire, wet, well graded, sheen present, (SW), (Fill).	Bentonite/cement grout (0 - 25' bgs)
15	970								Loose, Black, organic peat (roots sticks fibrous), wet, (PT).	



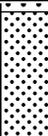
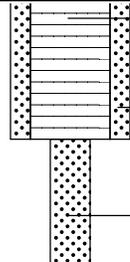
Remarks: NA = Not Available/Applicable; bgs = below ground surface; ags = above ground surface; SS = Split Spoon; HSA = Hollow Stem Auger; TBD = To Be Determined; OD = Outer Diameter; ID = Inner Diameter; WOR = Weight Of Rod; NAPL = Non-aqueous Phase Liquid; LNAPL = Light Non-aqueous Phase Liquid..

Client:
General Electric Company

Boring ID: N2SC-3I(R)

Site Location:
Newell St II
Pittsfield,
Massachusetts

Borehole Depth: 40' bgs.

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	Blows / 6 Inches	N - Value	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Well Construction
		9	36-38	0.9	9 9 8 19	17	52		Olive-gray very fine SAND, little Silt, odor, NAPL (product poured out of spoon and pooled), medium dense, saturated.	 <p>6" diameter SCH 40 PVC 0.020 slotted well screen (28 - 38' bgs). # 1 Morie Sandpack (27 - 38' bgs.). # 1 Morie Sand (38 - 40' bgs.).</p>
	945	10	38-40	0.8	3 2 7 8	9	22		Olive-gray SILT, some very fine Sand, little fine to medium Gravel, NAPL in spoon, odor, dense, saturated. [TILL]	
40										
	940									
45										
	935									
50										
	930									
55										



Remarks: NA = Not Available/Applicable; bgs = below ground surface; ags = above ground surface; SS = Split Spoon; HSA = Hollow Stem Auger; TBD = To Be Determined; OD = Outer Diameter; ID = Inner Diameter; WOR = Weight Of Rod; NAPL = Non-aqueous Phase Liquid; LNAPL = Light Non-aqueous Phase Liquid..



BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER P009-002
 PROJECT NAME Source Control Upper Reach Housatonic River
 LOCATION Pittsfield, Massachusetts
 DRILLING METHOD Hollow Stem Augers, Drive and Wash
 SAMPLING METHOD Split Spoon
 GROUND ELEVATION 983.40 ft. NGVD
 MEASURING POINT ELEVATION 985.06 ft. NGVD
 LOGGED BY SKC
 NORTHING 532617.19815

BORING/WELL NUMBER N2SC-14
 DATE DRILLED 4/6/00 - 4/11/00
 CASING TYPE/DIAMETER 4" inner diameter PVC
 SCREEN TYPE/SLOT .010 Slot 4" inner diameter PVC
 GRAVEL PACK TYPE #0 Silica Sand
 GROUT TYPE/QUANTITY Portland/Volclay
 DEPTH(ft BGS)/ELEVATION OF WATER 12.12 / 971.28 on 4/12/2000
 DRILLING CONTRACTOR Parratt Wolff
 EASTING 131618.22579

PID (ppm)	BLOW COUNTS	SAMPLE ID.	EXTENT DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DISCRPTION	CONTACT DEPTH	WELL DIAGRAM
0.2	7.4	SS01				Medium dense, Top 0.3 Moderate to Dusky yellowish Brown, SILT with gravel and roots, moist, graded (TOPSOIL). Mid 0.5 Dark Gray, diatomaceous SAND, dry, poorly graded (FILL). Bottom 0.9 Moderate yellowish Brown, SILT interbedded with Dark Gray sand with coal slag and glass fragments, dry, graded (FILL).	2.0	
1.4	6.8	SS02				Medium dense, Top 1.0 Dark Gray, diatomaceous fine SAND with rust mottling, band of Light Brown coarse sand and coal slag at base, dry. Bottom 0.5 Dusky yellowish Brown, fine SAND with coal slag, dry (FILL).	4.0	
0.2	3.3	SS03	5			Loose, Top 1.0 Dark Gray, diatomaceous fine SAND with silvery paper, dry. Bottom 0.5 Dark to Dusky yellowish Brown, fine SAND with little silt and trace gravel, coal slag, dry (FILL).	6.0	
1.2	3.2	SS04				Very loose, Top 1.1 Dark Gray, diatomaceous fine SAND with silvery paper and brick fragments, grading to Dusky yellowish Brown, dry (FILL). Bottom 0.9 Dark yellowish Brown, silty fine SAND with rust mottling and roots, moist, poorly graded (SP).	8.0	
3.4	3.4	SS05				Loose, Olive Gray, fine SAND interbedded with bands of Moderate olive Brown to Dusky Yellow fine sand, trace gravel, moist, poorly graded (SP).	10.0	
2.2	3.4	SS06	10			Loose, Light olive Gray, fine SAND, wet, poorly graded (SP).	12.0	
82	3.4	SS07				Very loose, Top 0.9 same as above (SP). Bottom 0.3, Olive Black, wood fragments with little fine sand and trace silt, wet (PT).	14.0	
76	3.4	SS08	15			Loose, Light olive Gray, fine SAND with layers of 2 mm to 0.1' interbedded PEAT, wet, poorly graded (SP, PT).	16.0	
80	3.4	SS09				Loose, Top 0.5 Light olive Brown, coarse SAND with little gravel, bands of Fe staining, wet, graded, subangular to subround (SW/GW). Bottom 0.4 Light olive Gray, laminated SILT and CLAY, wet (ML/CL).	18.0	
30	3.4	SS10	20			Spoon driven twice (1st time no recovery). Medium dense, Olive Gray, silt and fine SAND grading to coarse SAND and gravel with little silt, wet, subround, well graded (SW).	20.0	
45	3.4	SS11				Medium dense, same as above with 0.2' layers of coarse sand and gravel (SW, GW).	22.0	
22	3.4	SS12				Medium dense, same as above (SW, GW).	24.0	
140	3.4	SS13	25			Medium dense, same as above (SW, GW).	26.0	
85	3.4	SS14				Loose, same as above (SW, GW).	28.0	
160	3.4	SS15				Dense, Olive Gray, fine SAND with some silt, sand has horizontal preferred orientation, silty sections are laminated, wet, poorly graded, (SP, SM).	30.0	
N/A	3.4	SS16	30			Gneiss cobble stuck in spoon tip.	32.0	
700	3.4	SS17				Medium dense, Top 0.4 Moderate yellowish Brown, coarse SAND and GRAVEL, wet, well graded, subangular, shoen present. Bottom 0.8 Light olive Gray, medium SAND and some gravel, wet, well graded, subangular, stained black	34.0	
400	3.4	SS18	35					

Continued Next Page

BORING_WELL_P009_GP1_HSI_MA_GOT_5/8/00

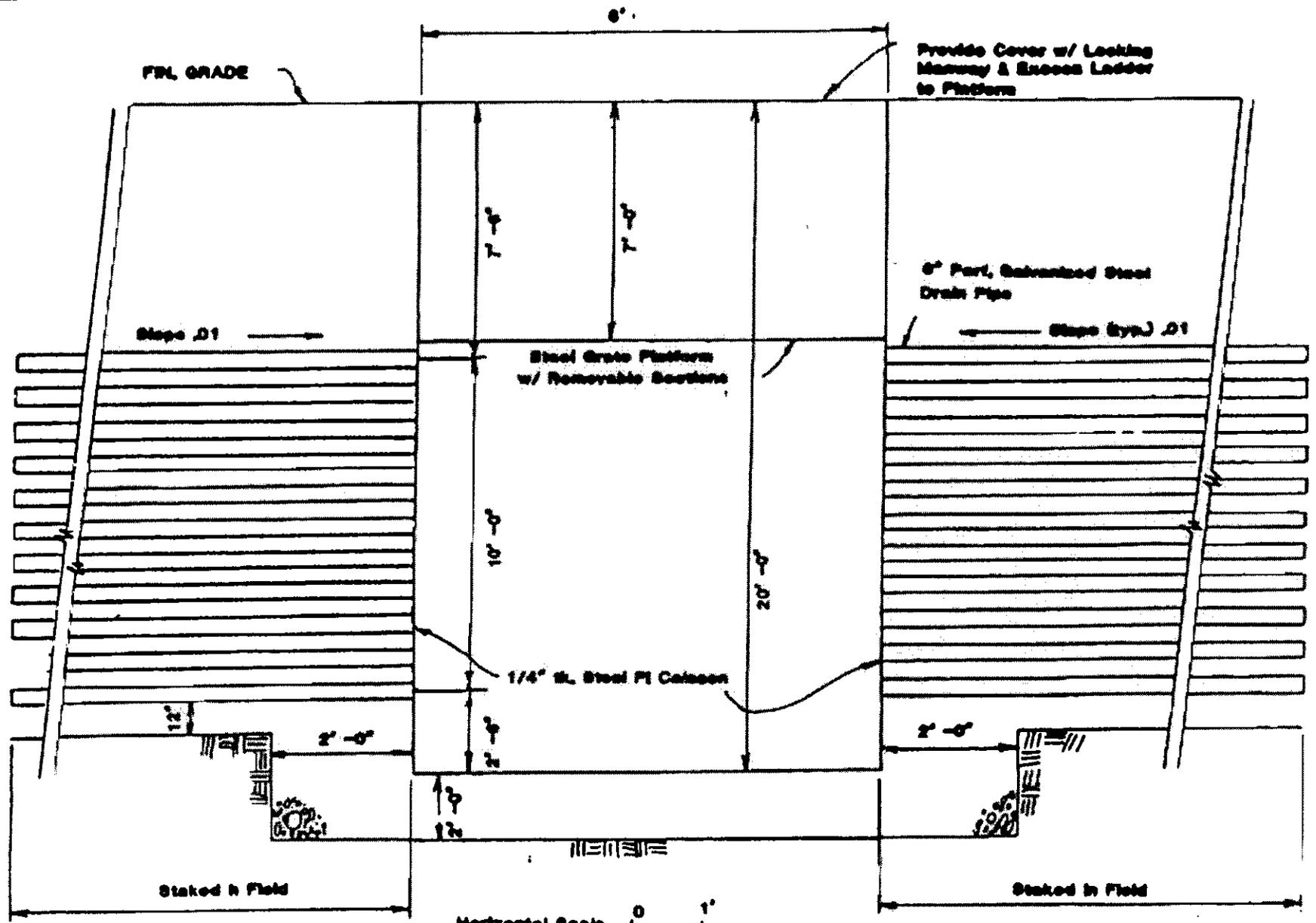


BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER P009-002 BORING/WELL NUMBER N2SC-14
PROJECT NAME Source Control Upper Reach Housatonic River DATE DRILLED 4/8/00 - 4/11/00

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID.	EXTENT	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DISCRPTION	CONTACT DEPTH	WELL DIAGRAM
360	***	SS19	X				<p>in top of section, beige grease or oil present in stained section (SW, GW).</p> <p>Medium dense, Top 0.1 Light olive Gray, GRAVEL with few fines, wet, well graded (GW). Mid 0.4 Dark yellowish Brown, coarse SAND and GRAVEL with few fines, wet, well graded, angular (SW/GW). Bottom 0.1 Light olive Gray, SILT, wet (ML). Free product running down inside of spoon.</p> <p>Loose, Top 0.1 Light olive Brown to Dusky Yellow, SILT and GRAVEL, wet, well graded, subangular, sheen present (possibly from side of spoon). Bottom 0.8 Light olive Gray to Moderate olive Brown, laminated SILT and CLAY with trace gravel, wet to moist, well graded, angular gravel, no sheens observed (TILL).</p> <p>END OF BORING 38.0 ft.</p> <p>Notes: BGS - Below Ground Surface NA - Not applicable ND - Not detected PID - Photo Ionization Detector reading NGVD - elevation with reference to National Geodesic Vertical Datum</p>	36.0 38.0	 1' 4" PVC Schedule 40 Sump



Horizontal Scale $\frac{0}{1}$ 1'
 Vertical Scale $\frac{0}{2}$ 2'

in charge of _____
 Designed by _____
 Drawn by _____
 Checked by _____

BLANK & BOUCH
ENGINEERS, P.C.
 1000 West 10th Street
 Omaha, Nebraska 68102

EAST STREET AREA 1- NORTH RECOVERY SYSTEM
CAISSON DETAIL

File No	Dwg No
	2



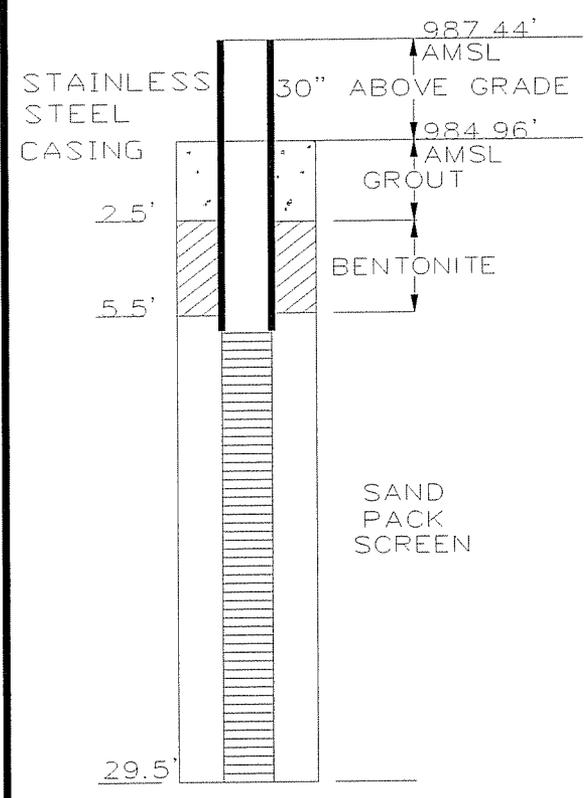
RECOVERY WELL COMPLETION LOG

Well I.D.: RW-4

Project Name:	<u>East Street Area 2 South (Scrapyard). RW-4 Recovery System.</u>	Project No.	<u>07113</u>
Client Name:	<u>General Electric Co., Corporate Environmental Office</u>	Date Drilled:	<u>7/25/2007</u>
Location:	<u>Pittsfield, Massachusetts</u>	Date Developed:	<u>7/27/2007</u>
Weather/Temp.	<u>Sunny, Warm</u>		

WELL CONSTRUCTION DETAILS

Note: Elevations provided by Arcadis BBL.



INSPECTION NOTES

Inspector:	<u>Jason Kappel, Ed Davidson</u>		
Contractor:	<u>Aquifer Drilling and Testing, Troy, NY</u>		
Drilling Method:			
Type:	<u>Fluid (Mud) Rotary</u>	Diameter:	<u>17"</u>
Equipment:	<u>Schramm</u>		
Type of Well:	<u>Recovery System</u>		
Static Water Level:	<u>12' BGS</u>		<u>7/24/2007</u>
Measuring Point:	<u>Grade</u>		
Total Depth of Well:	<u>29.5' BGS</u>		
Sampling Method:			
Type:	<u>--</u>	Diameter:	<u>--</u>
Weight:	<u>--</u>	Fall:	<u>--</u>
Interval:	<u>--</u>		
Riser Pipe Left in Place:			
Material:	<u>Stainless Steel</u>	Schedule:	<u>--</u>
Length:	<u>12 feet</u>	Stickup:	<u>30-inch</u>
Diameter:	<u>12-inch</u>	Joint Type:	<u>Threaded</u>
Screen:			
Material:	<u>Stainless Steel</u>	Diameter:	<u>12-inch</u>
Slot Size:	<u>40-Slot</u>	Length:	<u>20 feet</u>
Stratigraphic Unit Screened:	<u>sand, gravel</u>		
Filter Pack:			
Sand:	<u>Size 2</u>	Gravel:	<u>--</u>
Grade:	<u>--</u>	Natural:	<u>--</u>
Amount:	<u>--</u>	Interval:	<u>--</u>
Seals:			
Type:	<u>Grout-Cement/Bentonite</u>	Interval:	<u>0-5.5 BGS</u>

Not To Scale



BORING LOG

Boring No: RW-4

Project Name:	<u>East Street Area 2 South (Scrapyard) RW-4 Recovery System</u>	Project No:	<u>07113</u>
Client Name:	<u>General Electric Co., Corporate Env. Office</u>	Date:	<u>7/24/07</u>
Location:	<u>Pittsfield, Massachusetts</u>	Logged By:	<u>EGD/JCK</u>
Weather/Temp:	<u>Sunny, Warm</u>	Checked By:	<u>JCK/JDC</u>
Drilling Co:	<u>Aquifer Drilling and Testing</u>	Depth:	<u>33 feet bgs</u>
Driller:	<u></u>	Equipment:	<u></u>
Date Started:	<u>7/24/2007</u>	Method:	<u>HSA/Split Spoon</u>
Date Ended:	<u>7/24/2007</u>	Depth/Datum:	<u>BGS</u>

Depth	Sample No.	Blow Count	Graphic Log 1"= _____	Unified Class.	DESCRIPTIVE LOG color, grain size and amount, texture, moisture DEPOSITIONAL UNIT outwash, till, lacustrine, muck, fill	REMARKS
0-1' BGS					Concrete and Sub-base	Not sampled
1-3' BGS	1	11 18 11 12			Fill - sandy, gray to brown, "chunks" of ceramic and metal debris Bottom 4" stained black but odorless/no volatiles, PID readings 0-6 ppm	14" recovery dry, loose
3-5' BGS	2	36 35 50/3			Fill - sandy, gray to dark brown, fractured rock (limestone & quartzite), metal fragments/debris at 4' bgs Odorless, PID non-detect	11" recovery dry, loose refusal due to cobble
5-7' BGS	3	22 24 17 23			Fill - fine sand to gravel, dark gray to black, brick & wood fragments throughout, glass fragments in bottom 2". Odorless, PID non-detect	16" recovery dry, loose
7-9' BGS	4	12 10 8 6			Top 2-3" Fill - as above Remaining 7-8" Sand - medium-fine, yellow-gray, homogenous Odorless, PID non-detect	10" recovery dry, loose



BORING LOG

Boring No: RW-4

Depth	Sample No.	Blow Count	Graphic Log 1" = _____	Unified Class.	DESCRIPTIVE LOG color, grain size and amount, texture, moisture DEPOSITIONAL UNIT outwash, till, lacustrine, muck, fill	REMARKS
9-11' BGS	5	17 17 12 9			Sand - as above, medium fine, yellow gray, homogenous Odorless, PID non-detect	2" recovery damp to wet capillary fringe
11-13' BGS	6	5 3 4 5			Sand - as above, fine to medium, varved, finer to coarser sequences, quartz-rich, gray to yellow-gray, saturated Odorless, no sheens or staining, PID non-detect	23" recovery saturated, loose
13-15' BGS	7	2 8 10 6			Sand - some gravel Top 10" - Sand - as above, gray to yellow gray 10-11" - Organic refuse - wood, leaf litter 11-14" - Gravel - buff gray with coarse quartzite	14" recovery saturated, loose
15-17' BGS	8	4 9 11 15			Sand and Gravel - gray to yellow-gray, medium fine sand to coarse, quartz-rich gravel, well rounded Petroleum odor, oil sheen on spoon, PID non-detect	12" recovery saturated, loose
17-19' BGS	9	5 4 6 5			Sand - medium to coarse, some gravel, gray to yellow-gray, quartz-rich, homogenous Odorless, PID non-detect	14" recovery saturated, loose
19-21' BGS	10	4 4 5 7			Sand - medium to coarse, some fine gravel, quartz-rich, gray to yellow-gray, very homogenous Odorless, PID non-detect	14" recovery saturated, loose
21-23' BGS	11	4 4 6 6			Sand - medium to coarse, no gravel, gray, homogenous Some blotchy staining/sheen, Odorless, PID non-detect	14" recovery saturated, loose



BORING LOG

Boring No: RW-4

Depth	Sample No.	Blow Count	Graphic Log 1"= _____	Unified Class.	DESCRIPTIVE LOG color, grain size and amount, texture, moisture DEPOSITIONAL UNIT outwash, till, lacustrine, muck, fill	REMARKS
23-25' BGS	12	3 4 5 5			Sand - coarse, grading to fine gravel (near bottom of sample), gray to gray brown, high quartz content, homogenous Odorless, PID non-detect	13" recovery saturated, loose
25-27' BGS	13	3 4 5 10			Sand - coarse, some fine to medium sand, some fine gravel, gray to gray brown, high quartz content, homogenous Mild petroleum/oil odor, PID non-detect	14" recovery saturated, loose
27-29' BGS	14	2 4 5 6			Sand - medium to fine, gray to gray brown, gravel and coarse sand in bottom half of sample Odorless, PID non-detect	10" recovery saturated, loose
29-31' BGS	15	3 8 9 14			Gravel - medium to coarse, quartz-rich, rounded, upper 10" yellow-brown, bottom 3" gray to dark gray Odorless, PID non-detect	13" recovery saturated, loose
31-33' BGS	16	8 17 14 13			Gravel - some sand, gray to dark gray, "loose till" Odorless, PID non-detect	10" recovery saturated, more cohesive
33' BGS					End of Boring	

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Appendix B

Historical Groundwater Data

**Table B-1
Historical NAPL Recovery Data**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

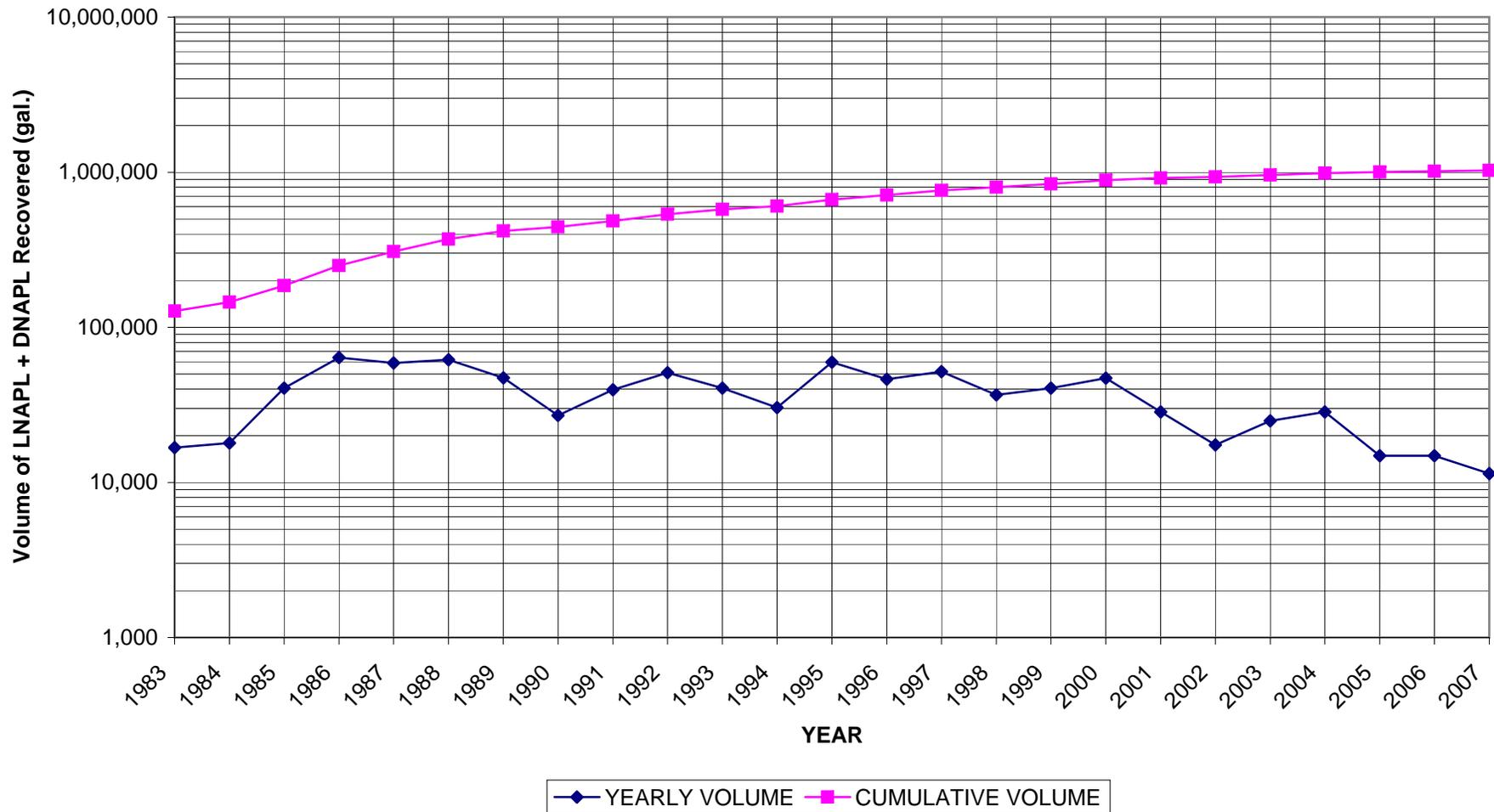
DATE	LOCATION, TYPE, AND QUANTITY OF NAPL REMOVED (Gallons)															YEARLY VOLUME	CUMULATIVE VOLUME
	EAST STREET AREA 1-NORTH AND SOUTH		EAST STREET AREA 2-SOUTH				LYMAN STREET AREA				NEWELL STREET AREA II						
	LNAPL YEARLY	LNAPL CUMULATIVE	LNAPL YEARLY TOTAL	DNAPL YEARLY TOTAL	LNAPL+DNAPL YEARLY	LNAPL+DNAPL CUMULATIVE	LNAPL YEARLY TOTAL	DNAPL YEARLY TOTAL	LNAPL+DNAPL YEARLY	LNAPL+DNAPL CUMULATIVE	LNAPL YEARLY TOTAL	DNAPL YEARLY TOTAL	LNAPL+DNAPL YEARLY	LNAPL+DNAPL CUMULATIVE			
1975 - 1982	---	0.0	110,000	---	110,000	110,000	---	---	0	0	---	---	0	0	110,000	110,000	
1980 - 1989	510.0	510.0	---	---	0	110,000	---	---	0	0	---	---	0	0	510	110,510	
1983	---	510.0	16,780	---	16,780	126,780	---	---	0	0	---	---	0	0	16,780	127,290	
1984	---	510.0	17,950	---	17,950	144,730	---	---	0	0	---	---	0	0	17,950	145,240	
1985	---	510.0	40,564	---	40,564	185,294	---	---	0	0	---	---	0	0	40,564	185,804	
1986	---	510.0	63,745	---	63,745	249,039	---	---	0	0	---	---	0	0	63,745	249,549	
1987	---	510.0	58,780	---	58,780	307,819	---	---	0	0	---	---	0	0	58,780	308,329	
1988	---	510.0	61,767	---	61,767	369,586	---	---	0	0	---	---	0	0	61,767	370,096	
1989	---	510.0	47,107	---	47,107	416,693	---	---	0	0	---	---	0	0	47,107	417,203	
1990	26.0	536.0	26,995	---	26,995	443,688	---	---	0	0	---	---	0	0	27,021	444,224	
1991	92.4	628.4	39,395	---	39,395	483,083	---	---	0	0	---	---	0	0	39,487	483,711	
1992	85.4	713.8	50,561	---	50,561	533,644	80	135	215	215	---	---	0	0	50,861	534,573	
1993	117.0	830.8	40,175	---	40,175	573,819	67	100	167	382	---	---	0	0	40,459	575,032	
1994	81.9	912.7	30,051	---	30,051	603,870	47	143	190	572	---	---	0	0	30,323	605,354	
1995	110.7	1,023.4	59,358	---	59,358	663,228	76	78	154	726	---	---	0	0	59,623	664,977	
1996	80.3	1,103.7	45,192	0	45,192	708,420	794	88	882	1,608	3.6	123	127	127	46,282	711,259	
1997	81.5	1,185.2	51,107	45	51,152	759,573	407	55	462	2,070	2.5	111	113	240	51,810	763,068	
1998	53.7	1,238.9	36,003	67	36,069	795,642	301	45	345	2,416	0.8	132	132	373	36,601	799,669	
1999	75.6	1,314.5	26,809	260	27,069	822,711	181	34	215	2,631	0.0	13,108	13,108	13,481	40,468	840,137	
2000	61.9	1,376.4	33,353	856	34,209	856,921	126	23	149	2,780	2.1	12,523	12,525	26,006	46,940	887,077	
2001	56.6	1,433.0	22,120	698	22,818	879,739	183	25	208	2,988	2.5	5,366	5,369	31,375	28,451	915,528	
2002	83.9	1,516.9	15,017	626	15,643	895,381	182	24	206	3,193	0.0	1,525	1,525	32,900	17,457	932,985	
2003	21.6	1,538.6	22,040	599	22,639	918,020	165	6	172	3,365	0.1	2,063	2,063	34,963	24,896	957,881	
2004	70.1	1,608.7	25,686	837	26,523	944,543	49	8	57	3,422	0.5	1,759	1,759	36,722	28,409	986,290	
2005	115.8	1,724.5	13,464	559	14,023	958,566	51	6	56	3,478	0.8	682	683	37,405	14,877	1,001,168	
2006	74.6	1,799.1	13,687	351	14,038	972,604	1	6	7	3,485	0.7	727	728	38,133	14,848	1,016,016	
2007	10.7	1,809.8	9,527	376	9,903	982,507	50	6	56	3,541	1.0	1,425	1,426	39,559	11,396	1,027,412	
GMA 1 TOTAL	1,809.8	1,809.8	977,233	5,275	982,507	982,507	2,761	780	3,541	3,541	14.6	39,545	39,559	39,559	1,027,412	1,027,412	

Notes

1. The data contained on this table represent current NAPL recovery totals based on the results of an inspection of readily available data.
2. ---: NAPL recovery data not available.
3. Data from 1975 to 1982 represents approximate recovery volume, based on shipping records.
4. Data from 1980 to 1989 represents total oil recovery reported for this period.

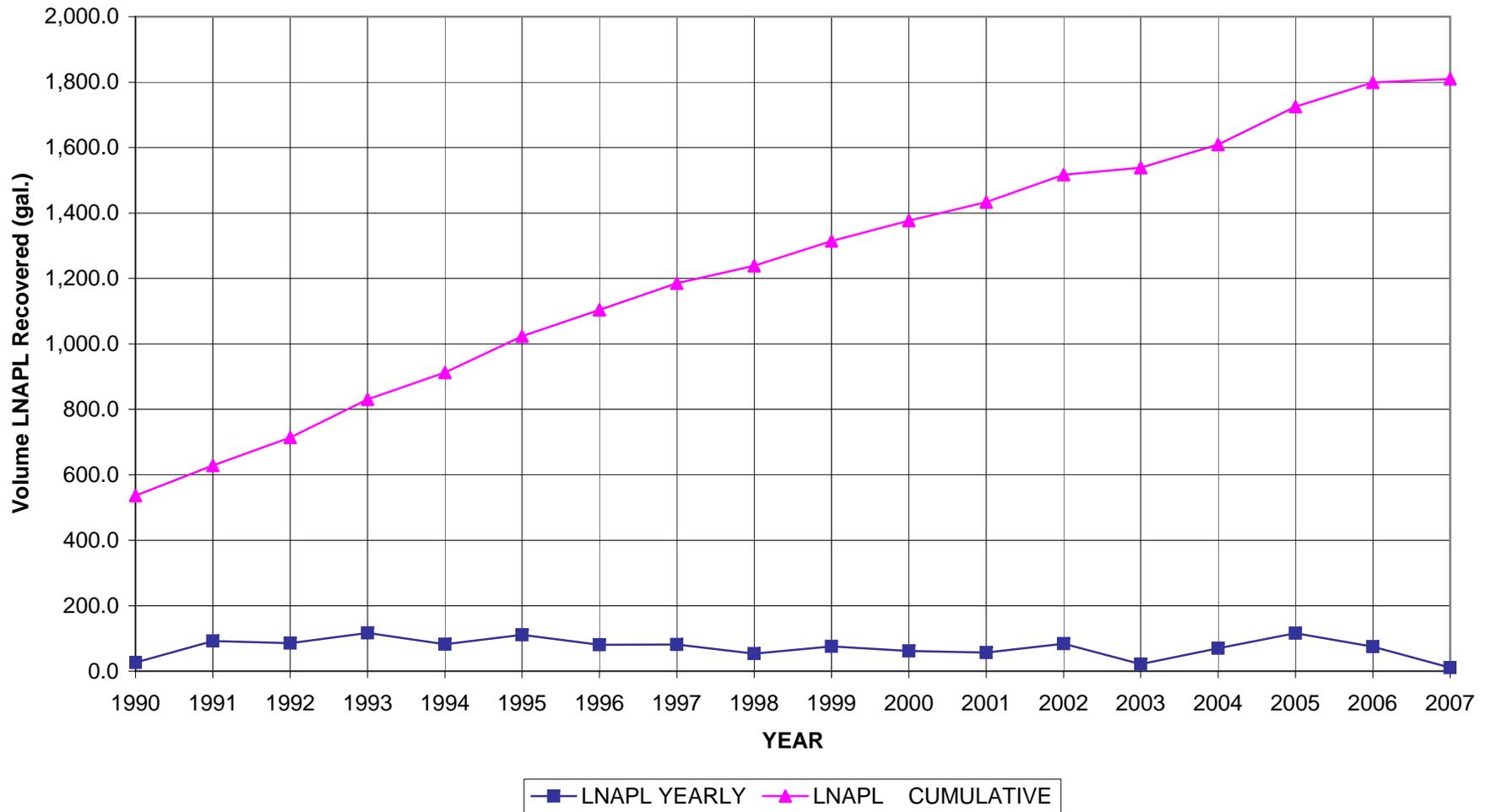
**Appendix B
Cumulative NAPL Recovery Data For Plant Site 1**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



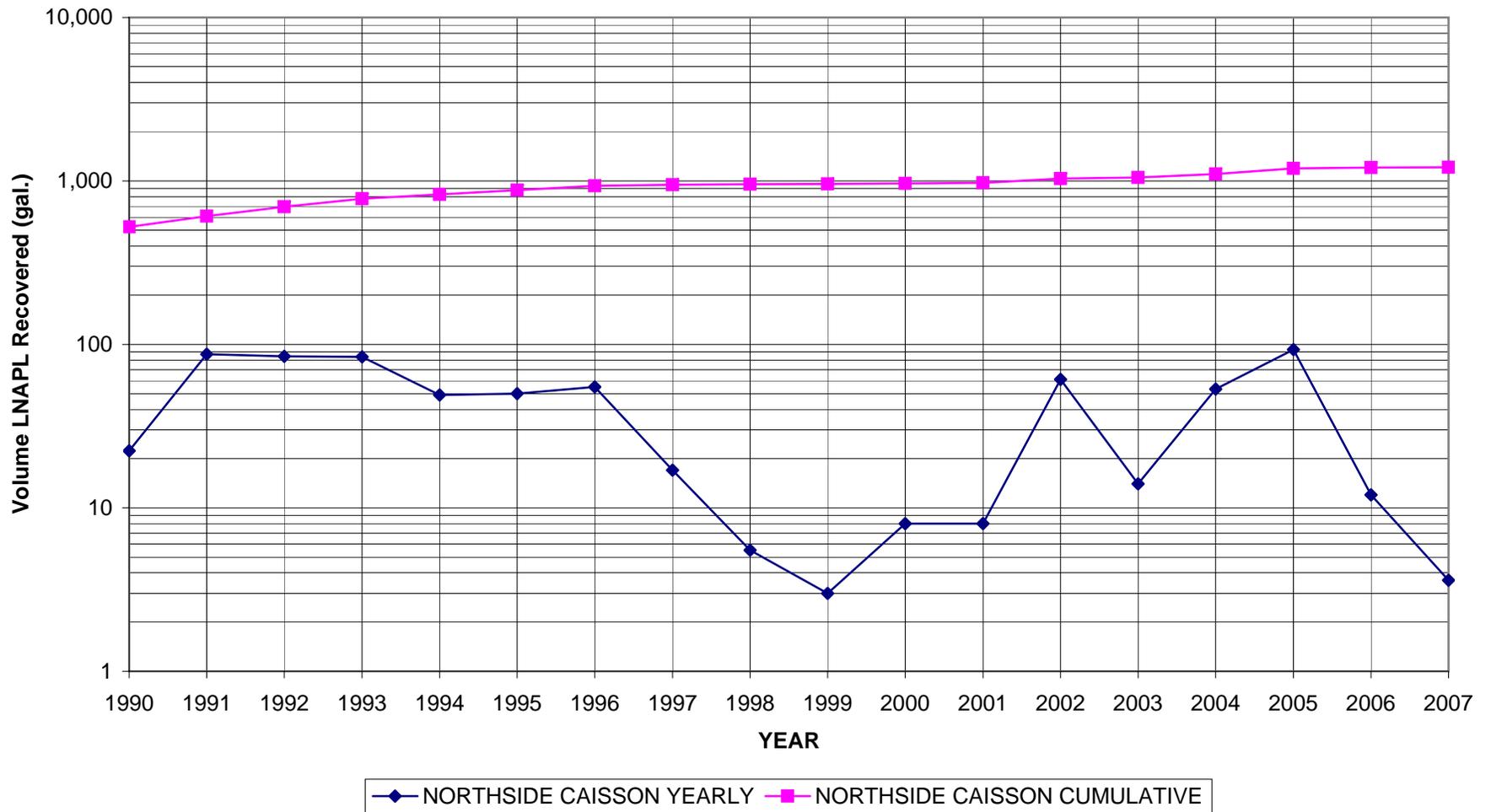
Appendix B
Cumulative LNAPL Recovery DATA For East Street Area 1 North and South

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



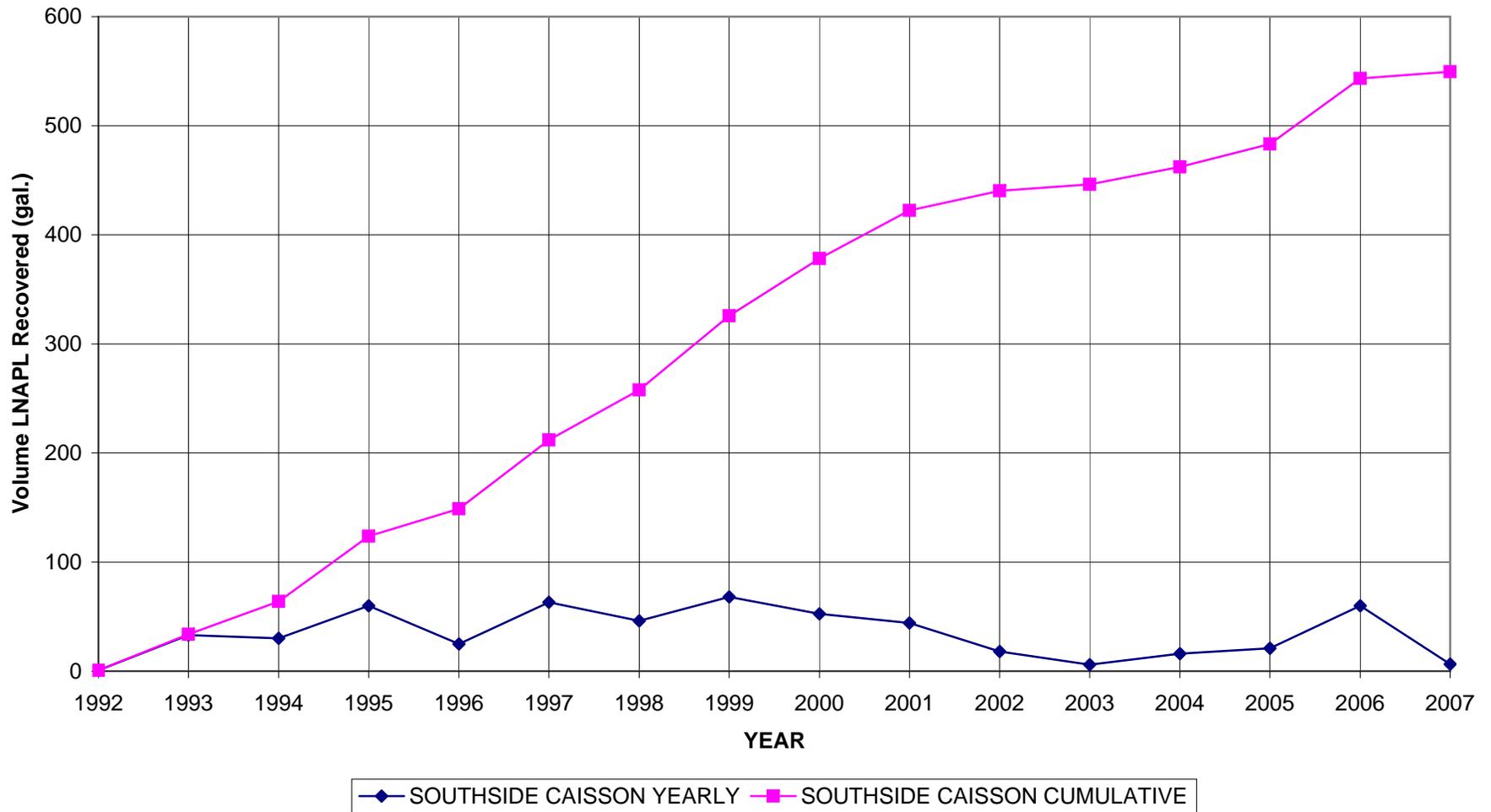
**Appendix B
Cumulative LNAPL Recovery Data For East Street Area 1-North - Northside Caisson**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



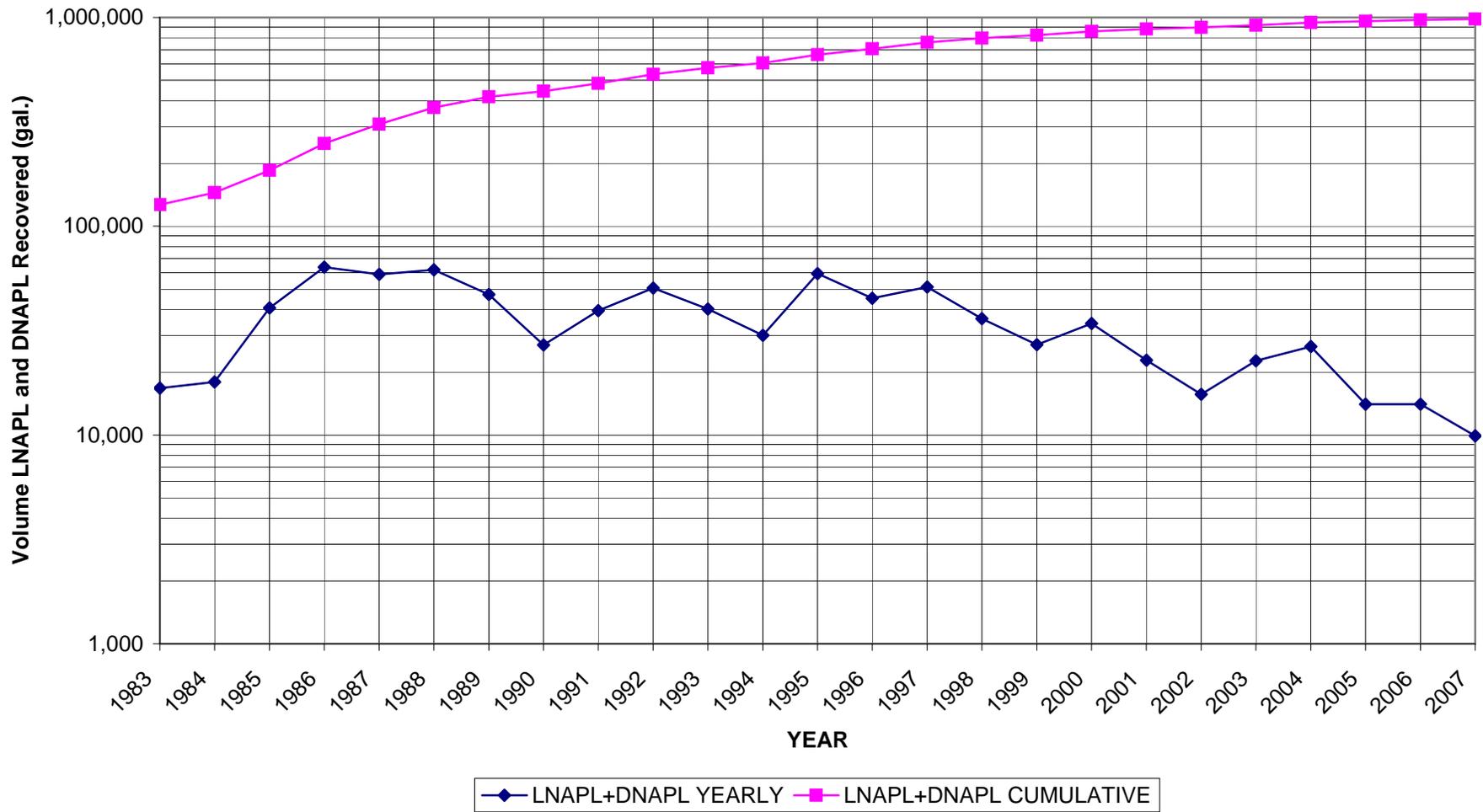
APPENDIX B
Cumulative LNAPL Recovery Data For East Street Area 1-South - Southside Caisson

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



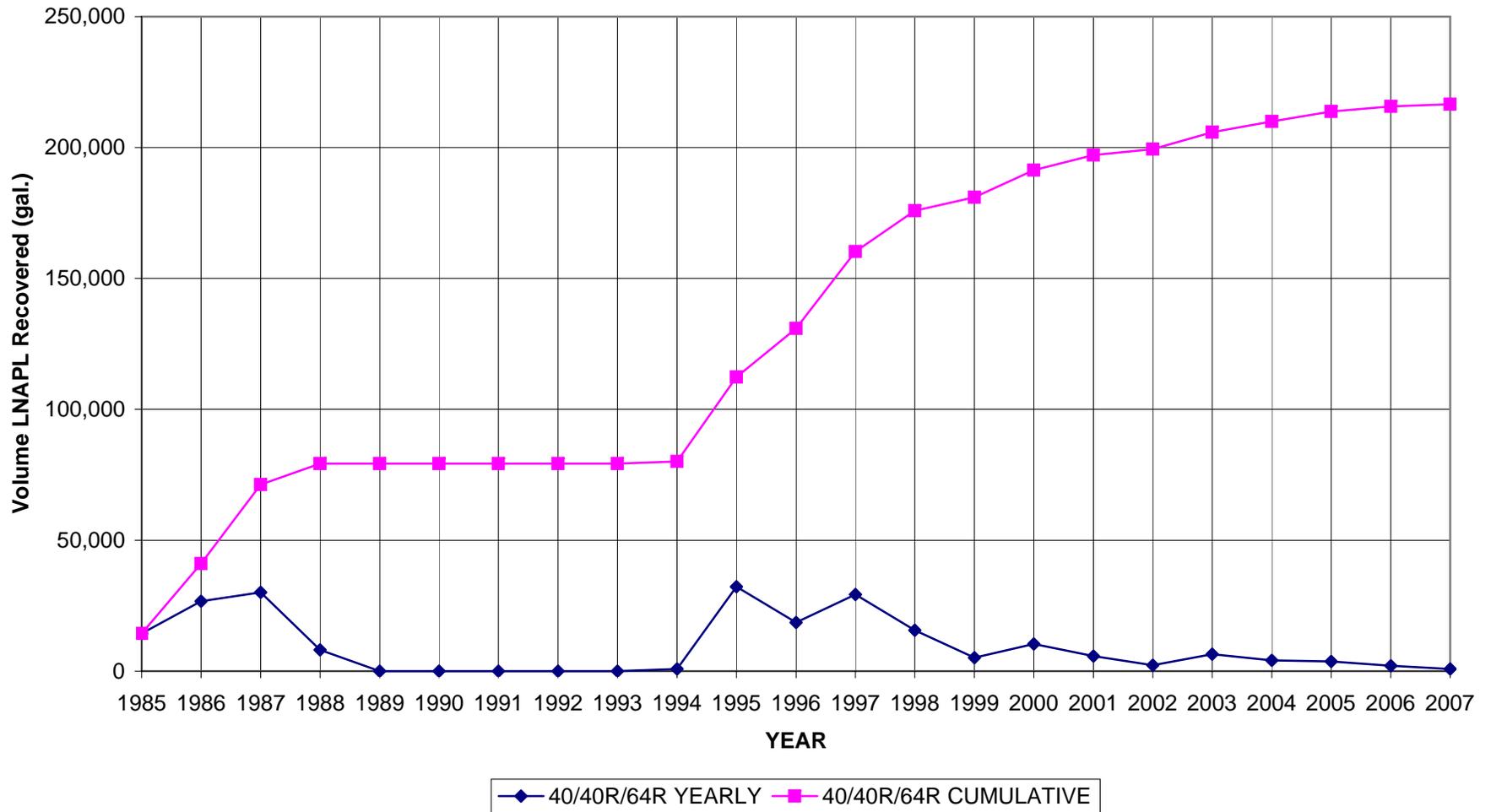
**Appendix B
Cumulative NAPL Recovery Data For East Street Area 2 North AND South**

**PPlant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



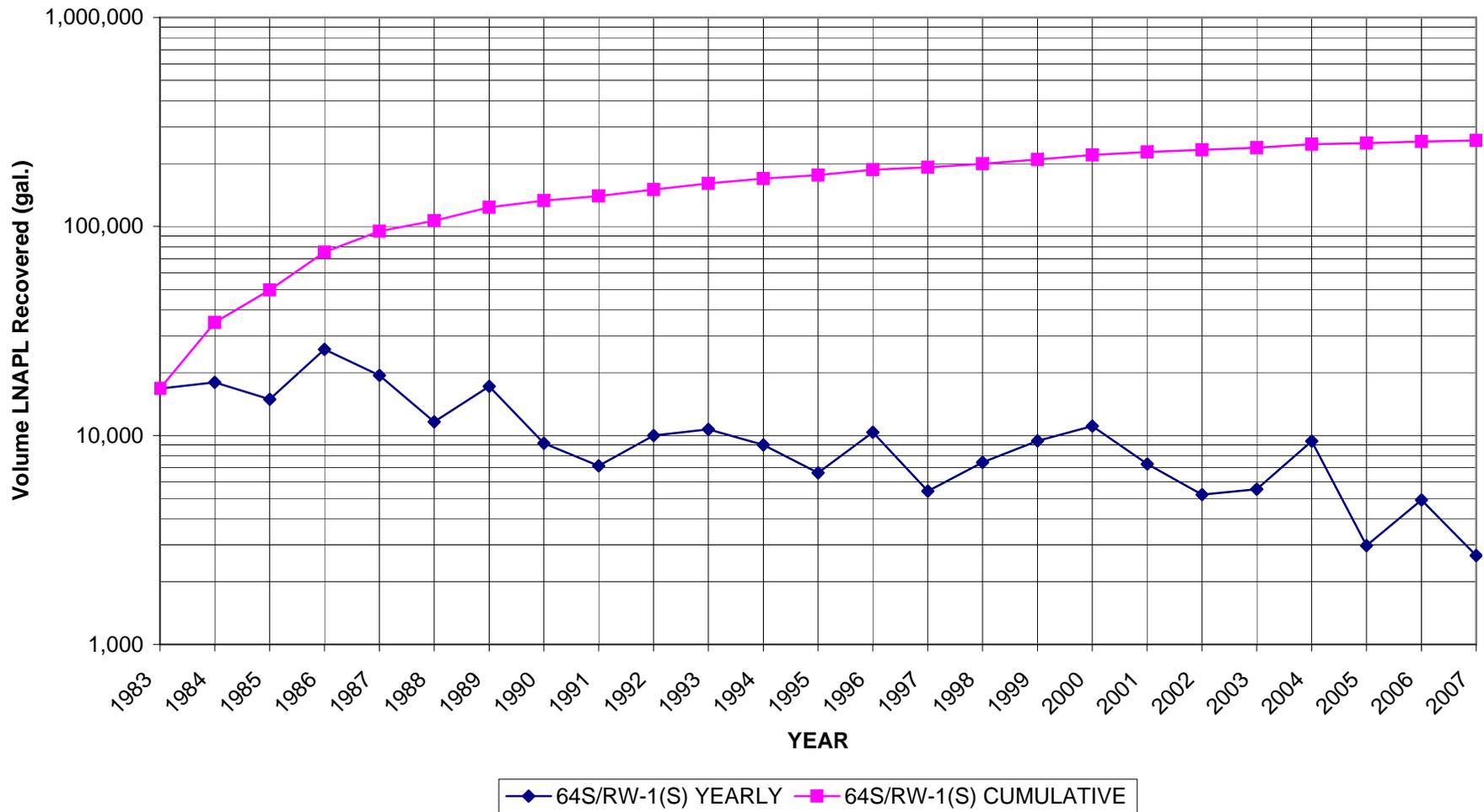
**Appendix B
Cumulative LNAPL Recovery Data For East Street Area 2-South - 40/40R/64R**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



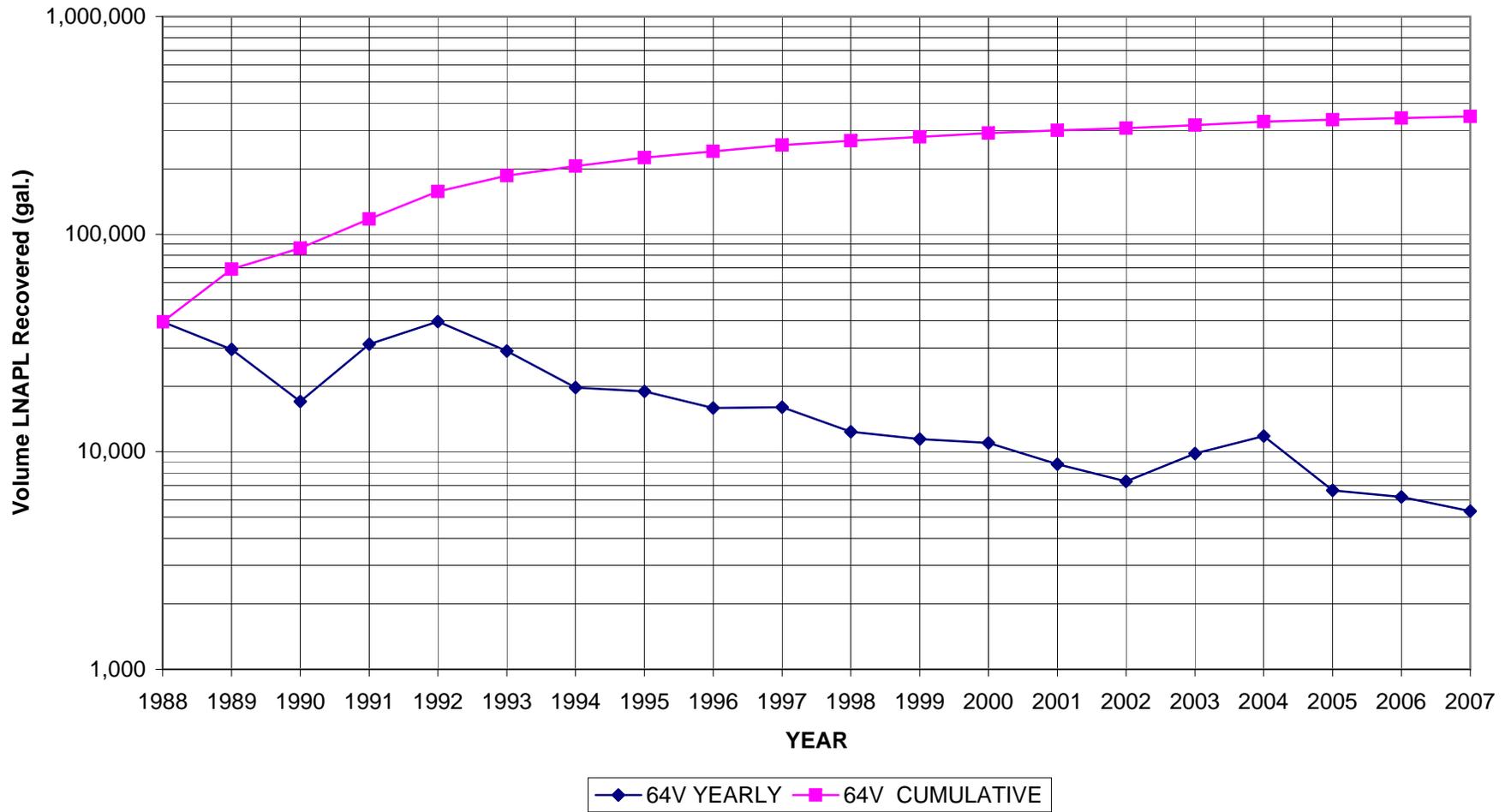
**Appendix B
Cumulative LNAPL Recovery Data For East Street Area 2-South - 64S/RW-1(S)**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



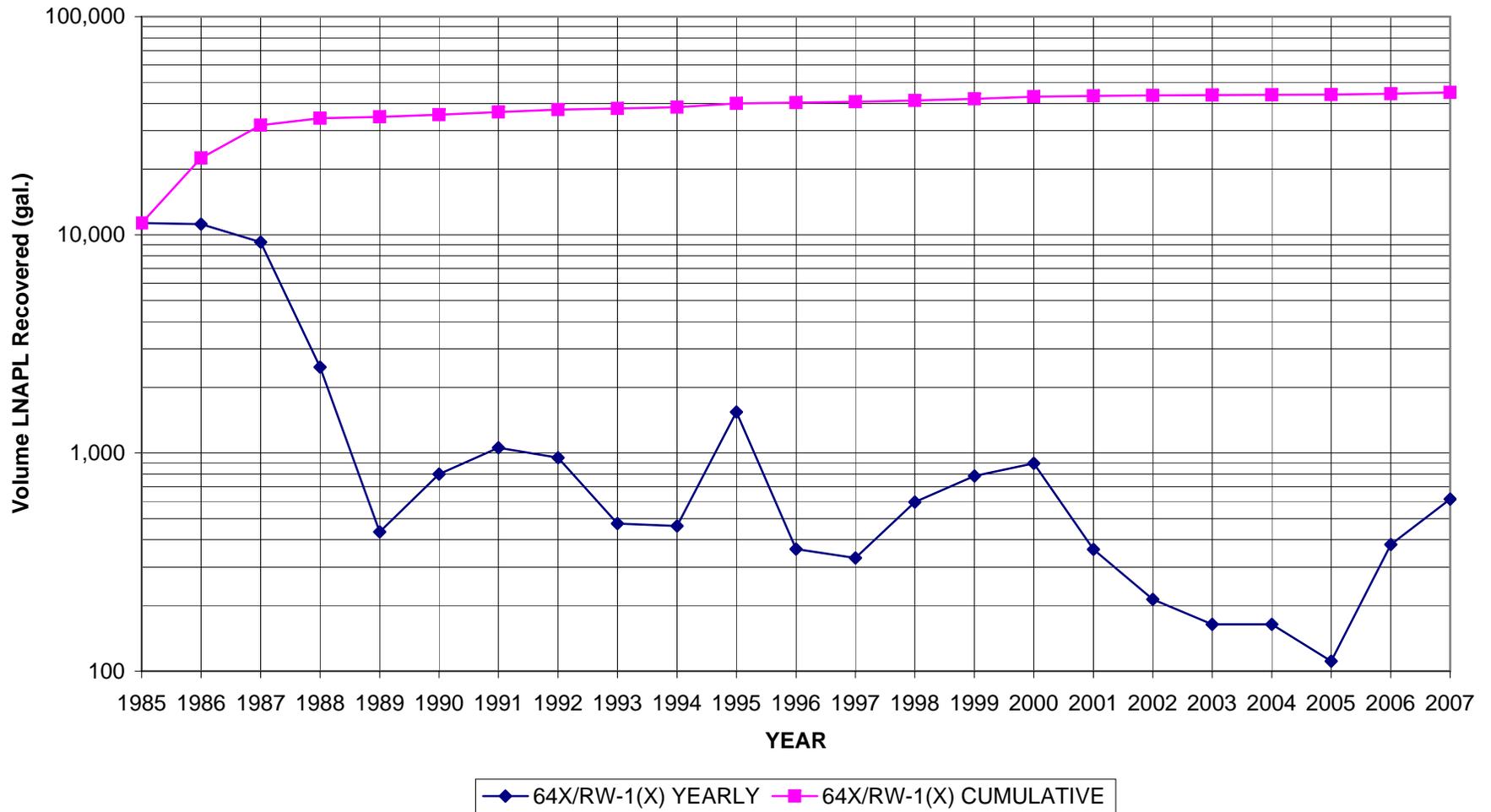
**Appendix B
Cumulative LNAPL Recovery Data For East Street Area 2-South - 64V**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



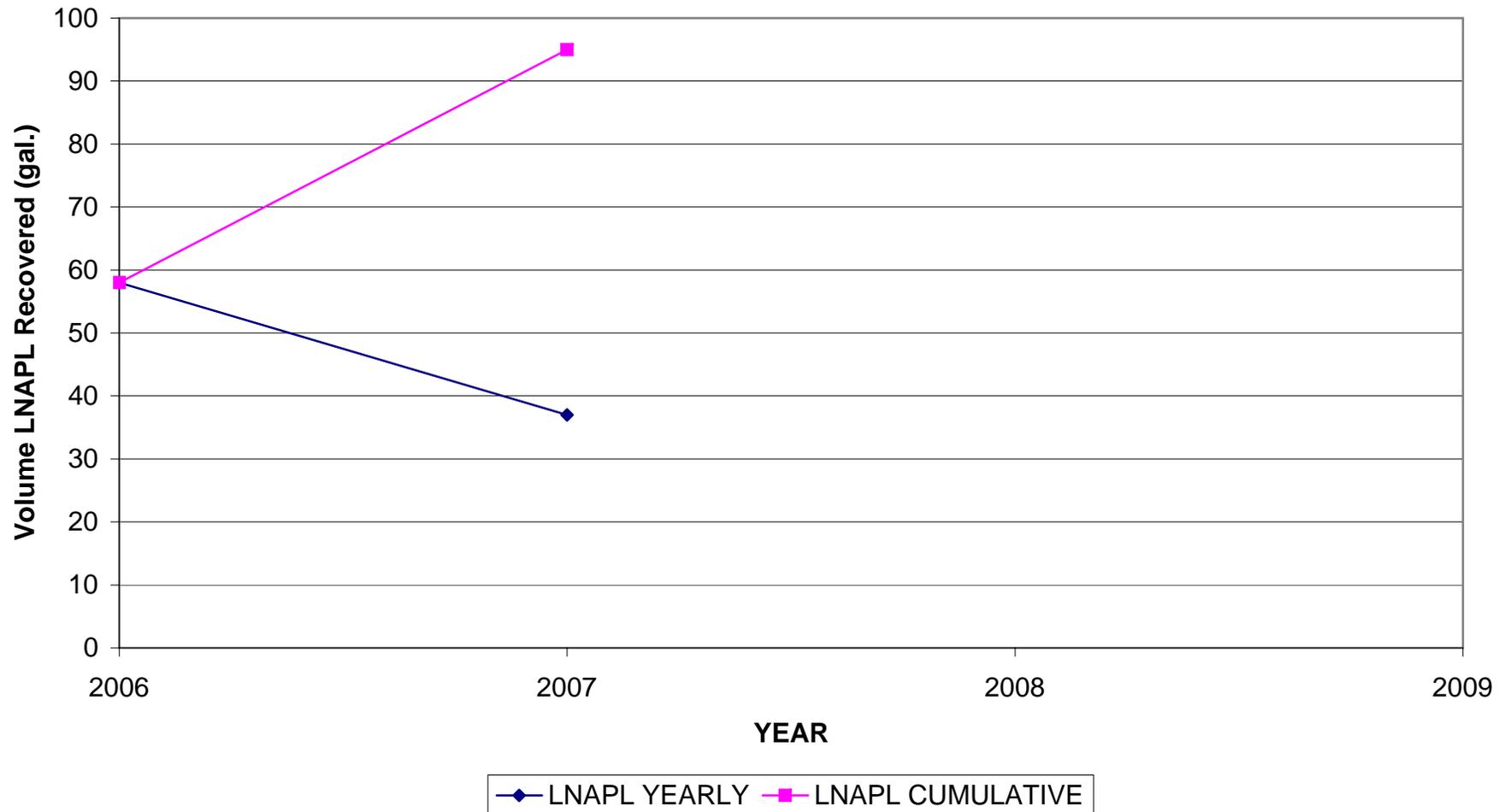
**Appendix B
 Cumulative LNAPL Recovery Data For East Street Area 2-South - 64X/RW-1(X)**

**Plant Site 1 Groundwater Management Area
 General Electric Company - Pittsfield, Massachusetts**



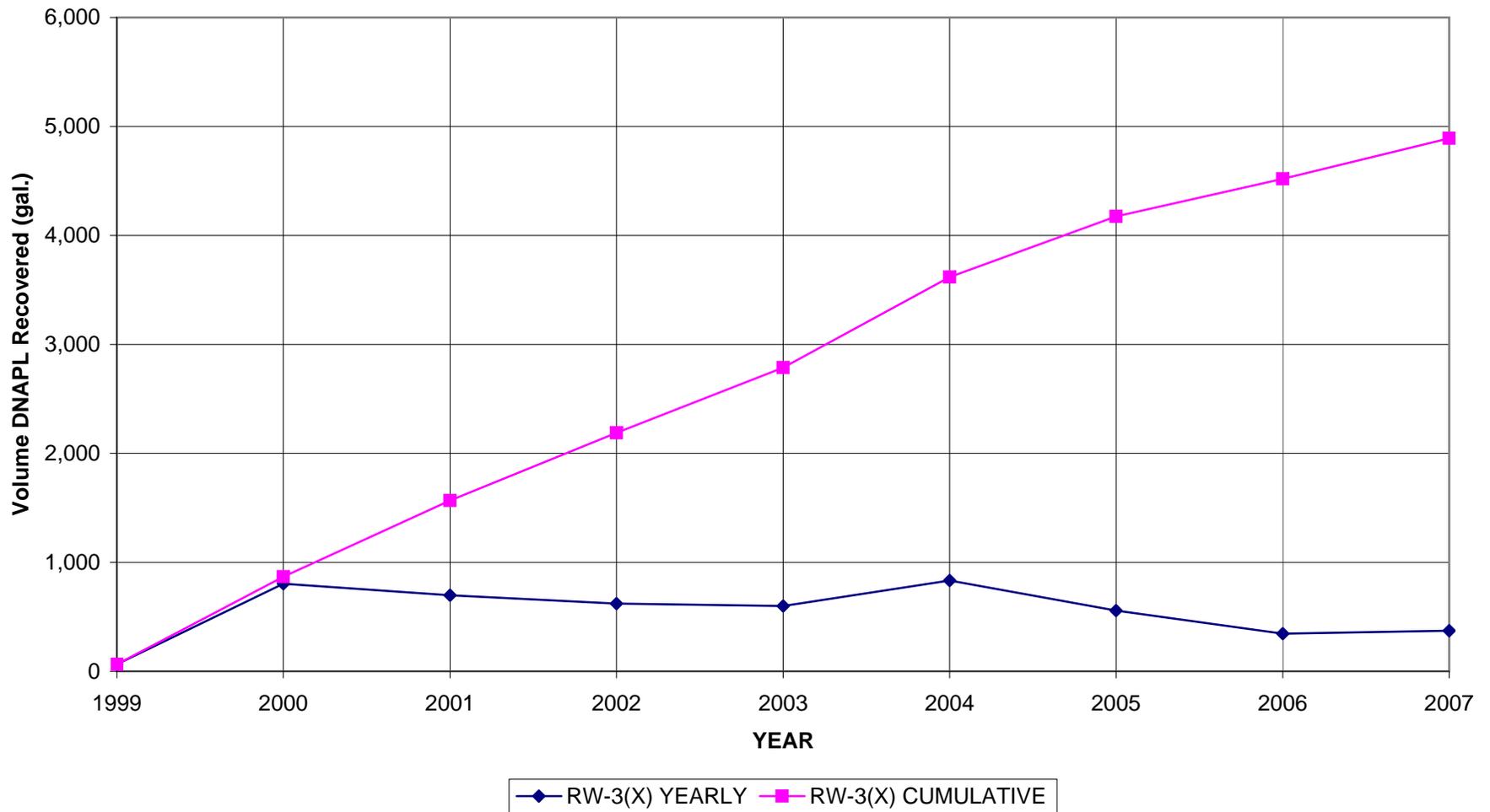
Appendix B
Cumulative LNAPL Recovery Data for East Street Area 2 GMA1-17W

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



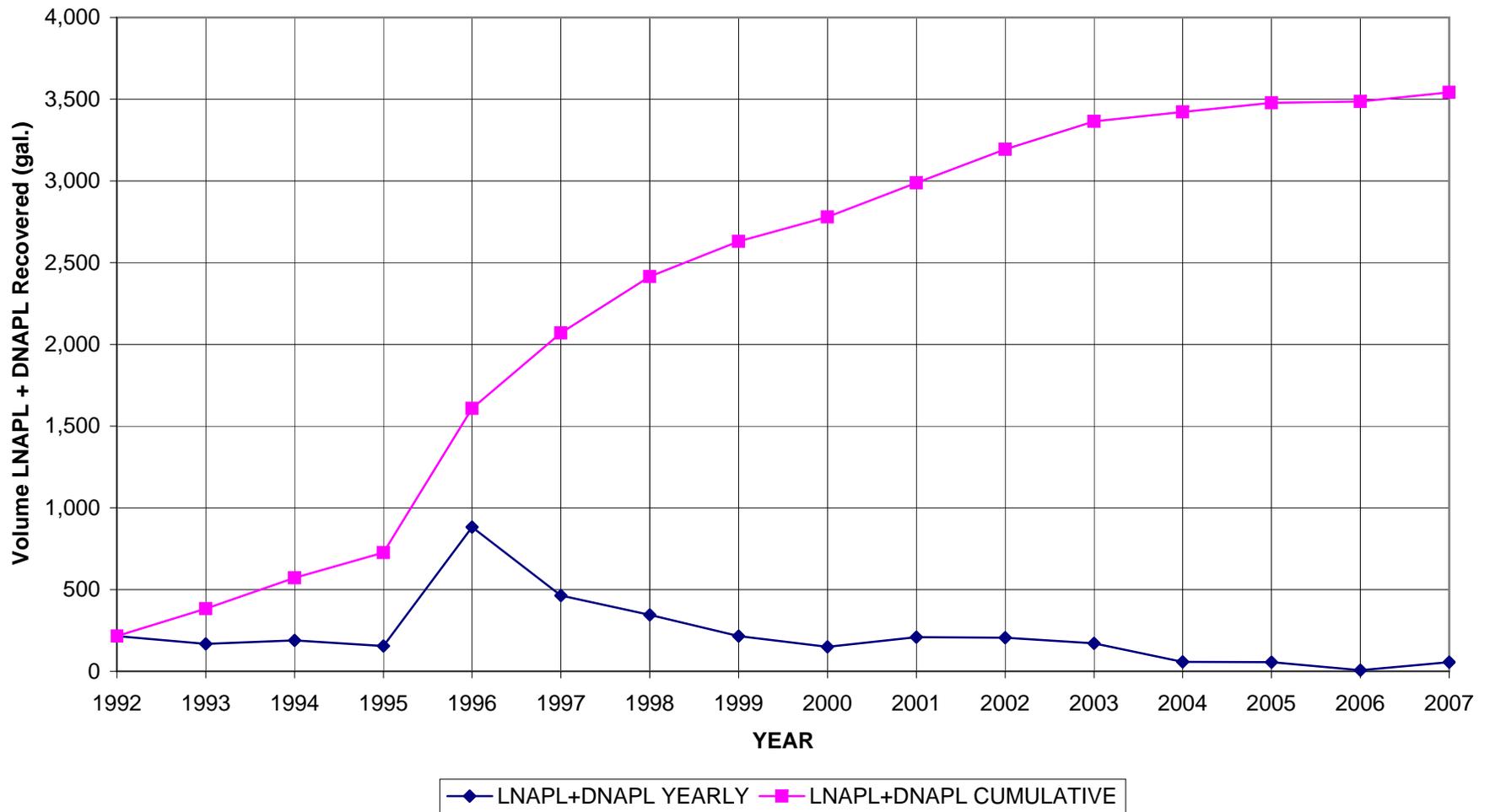
Appendix B
Cumulative DNAPL Recovery Data For East Street Area 2-South - RW-3(X)

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



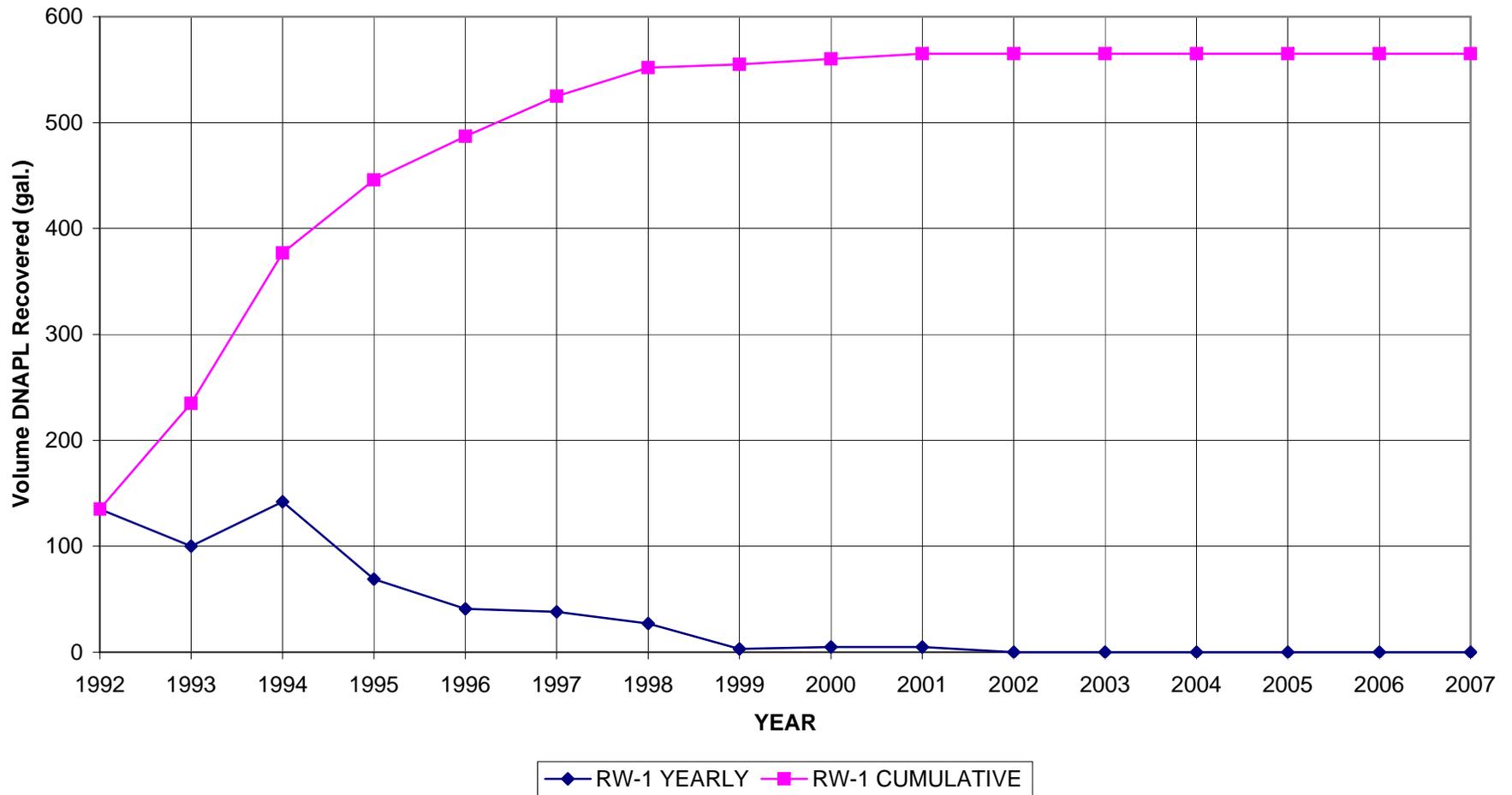
Appendix B
Cumulative NAPL Recovery Data For Lyman Street Area

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



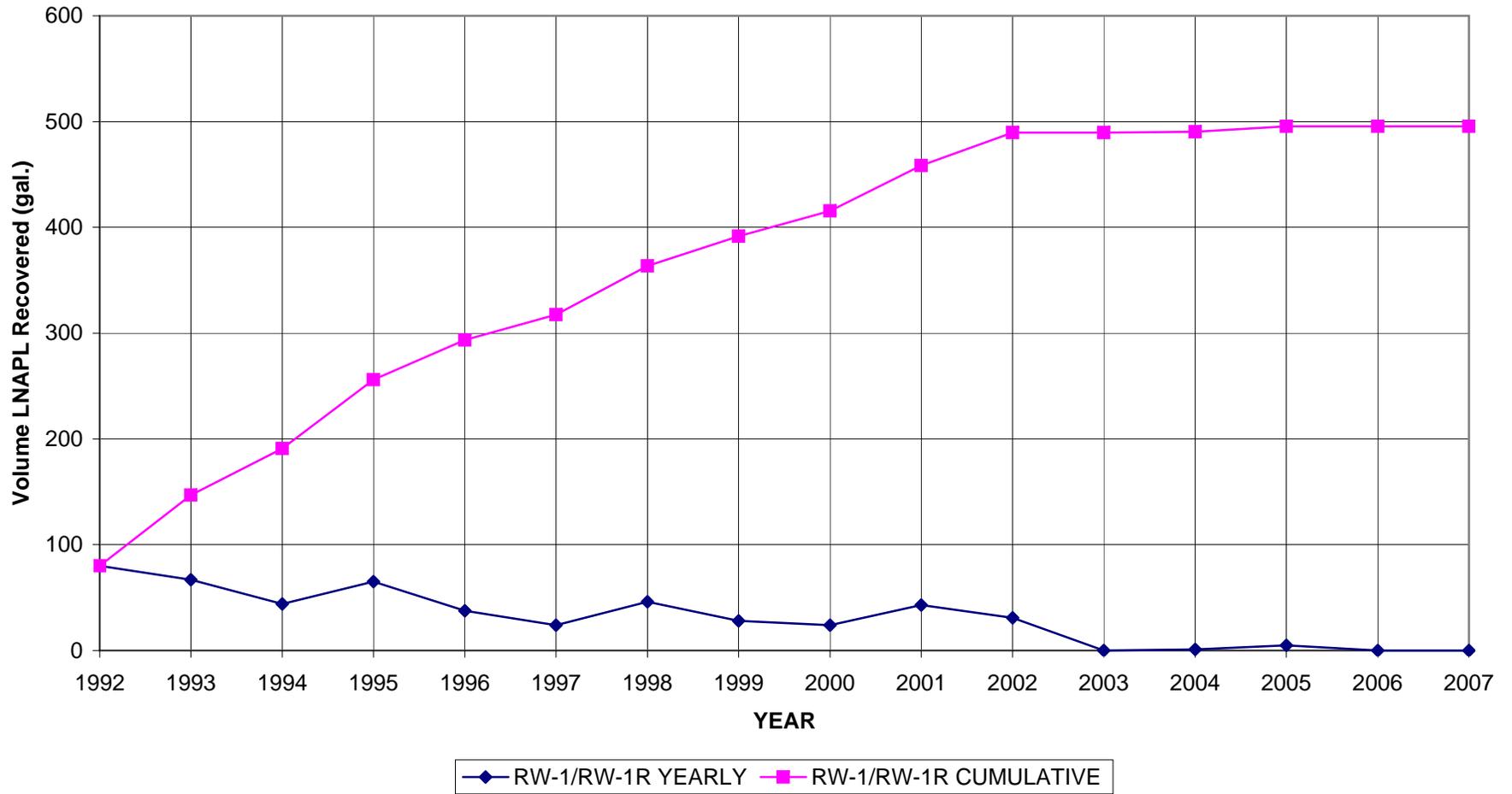
Appendix B
Cumulative DNAPL Recovery Data For Lyman Street - RW-1

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



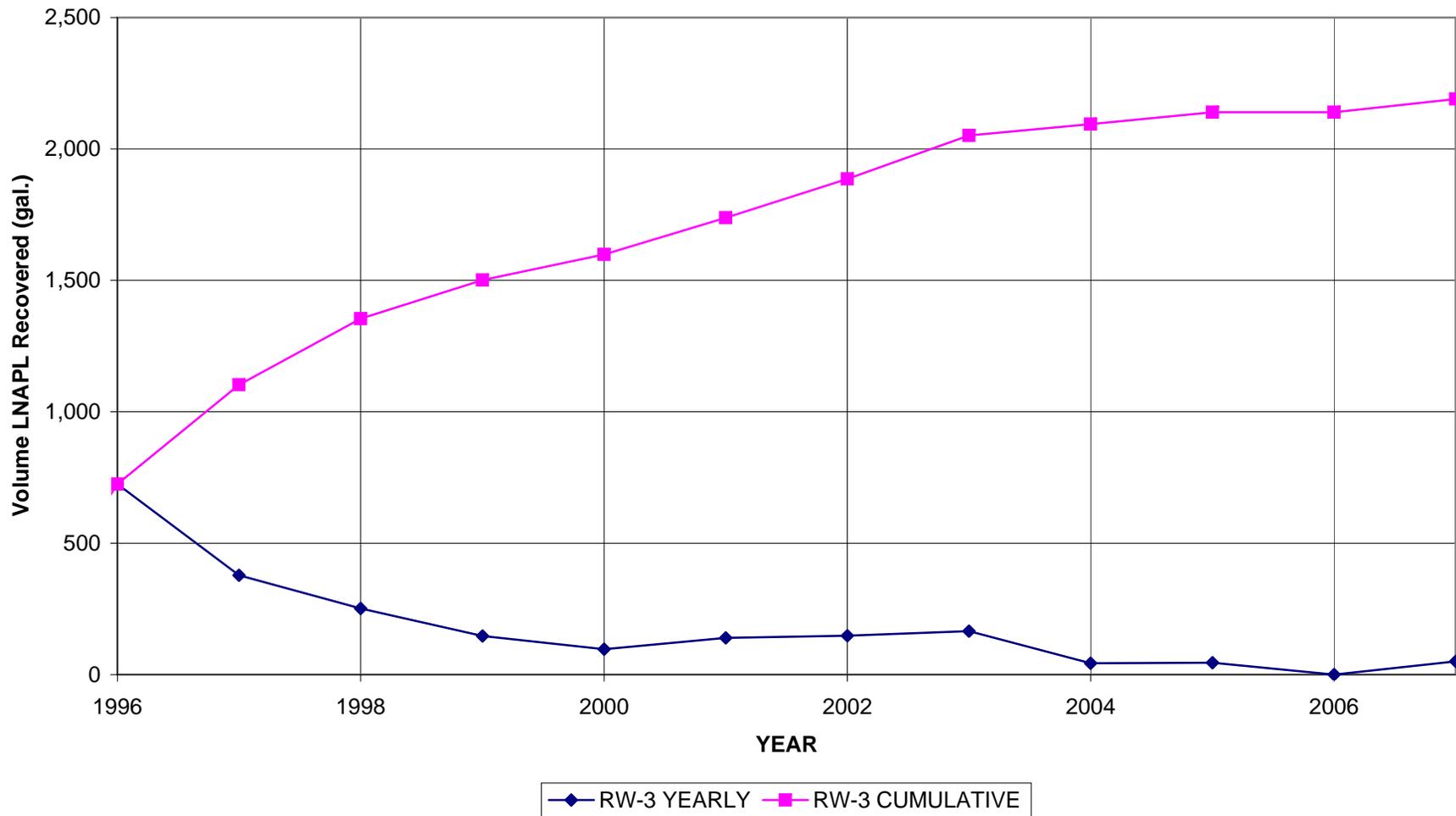
Appendix B
Cumulative LNAPL Recovery Data For Lyman Street - RW-1/RW-1R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



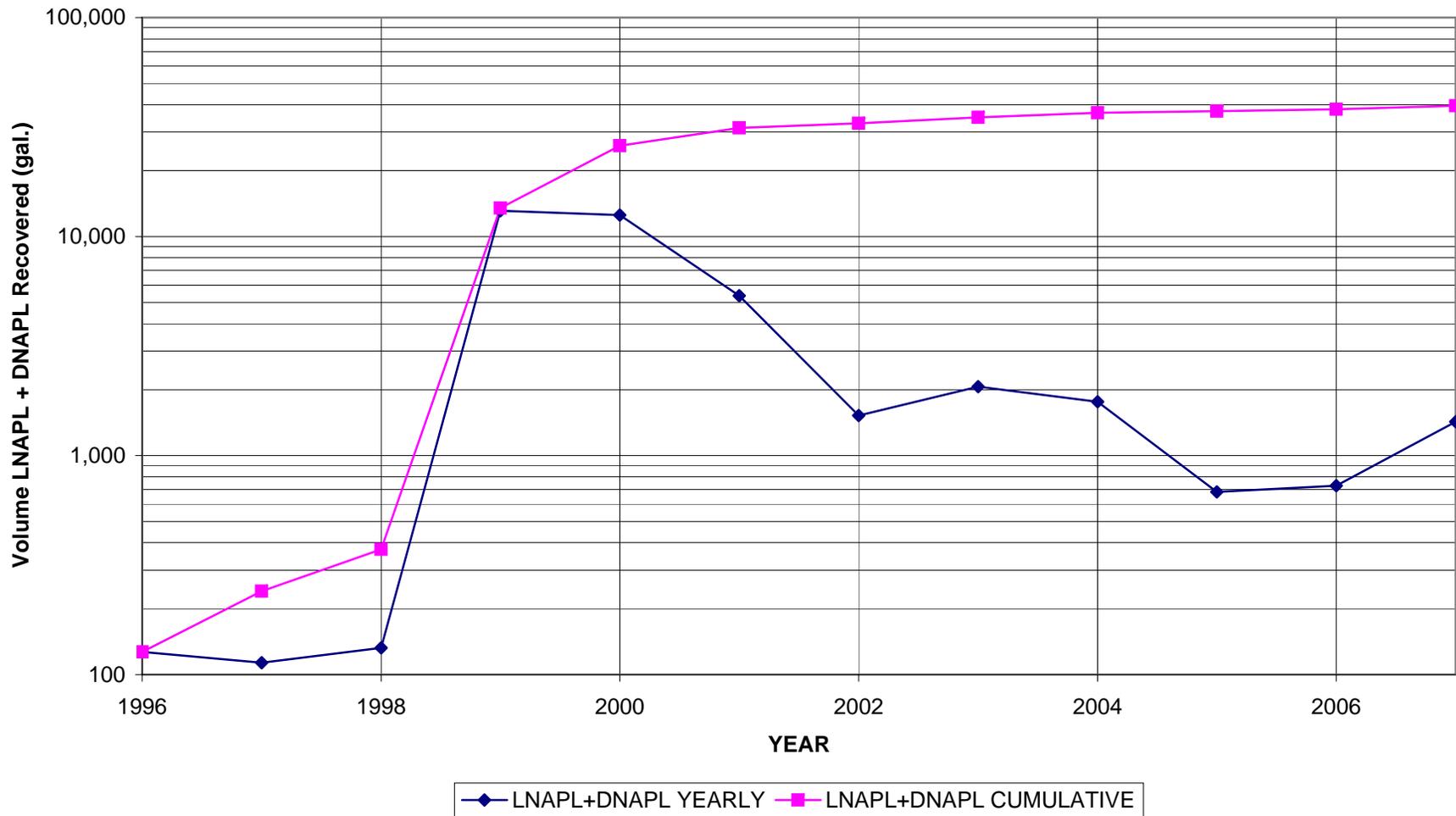
Appendix B
Cumulative LNAPL Recovery Data For Lyman Street - RW-3

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



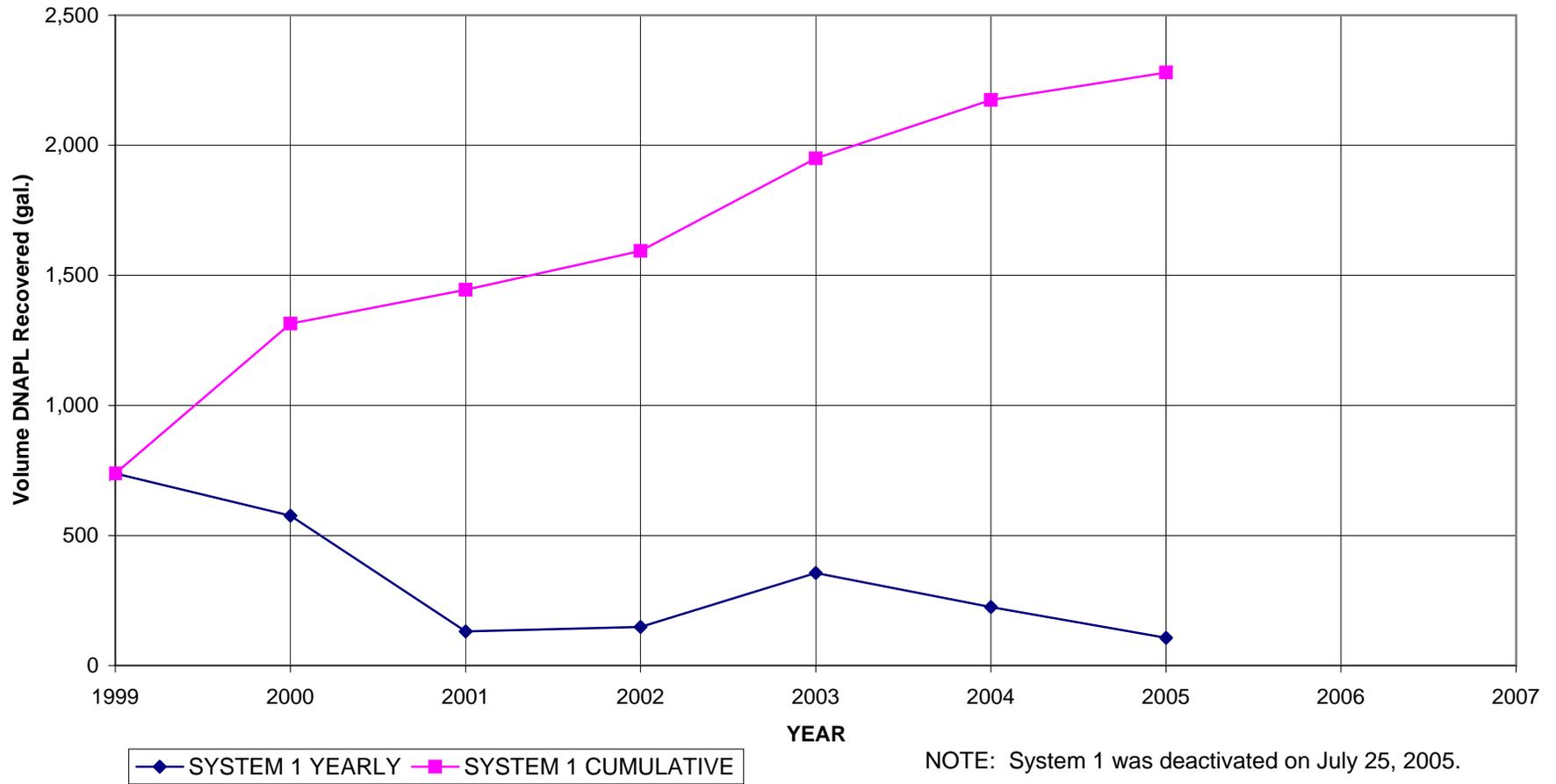
Appendix B
Cumulative NAPL Recovery Data For Newell Street Area 2

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



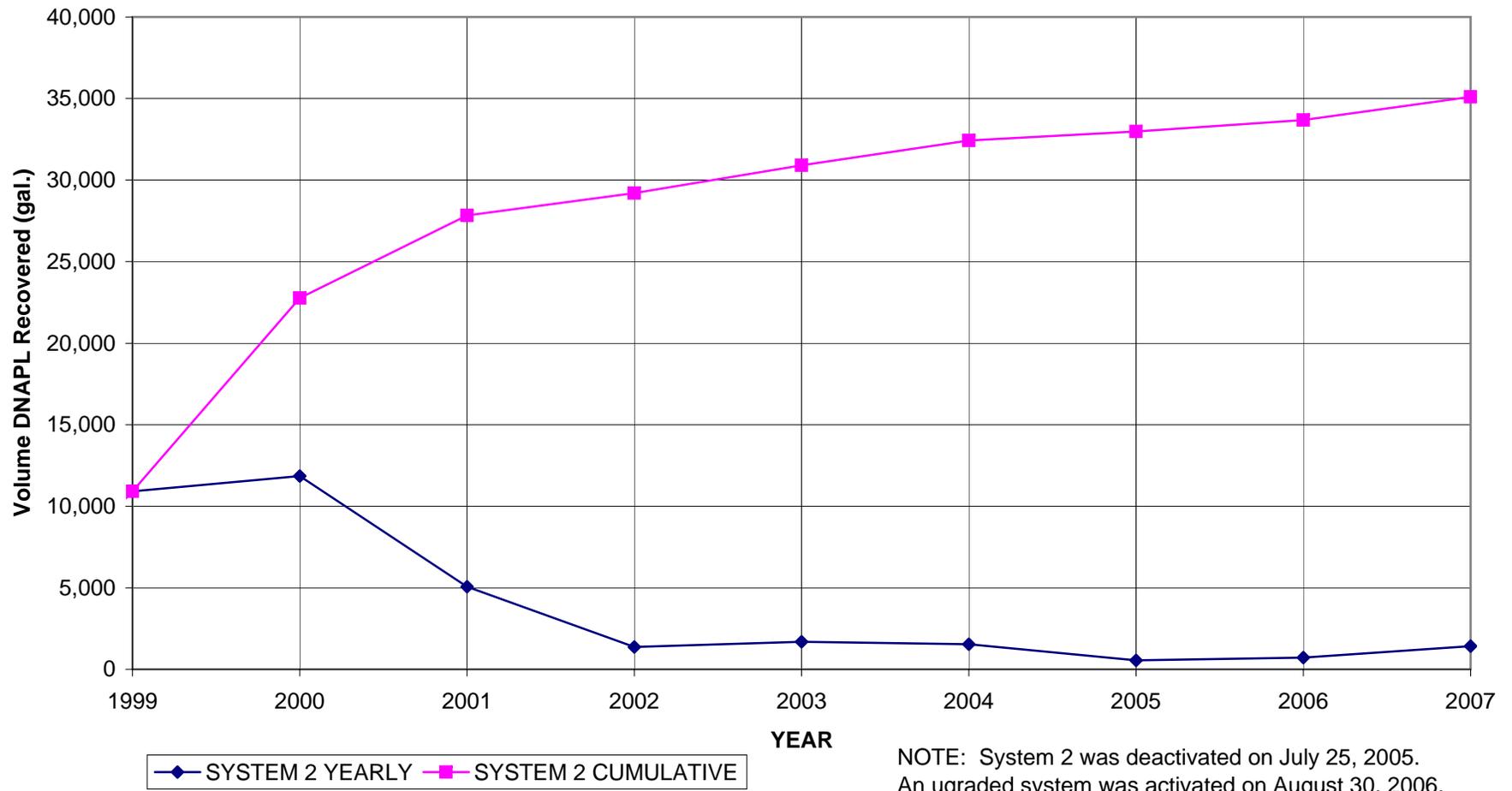
Appendix B
Cumulative DNAPL Recovery Data For Newell Street Area II - System 1

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



Appendix B
Cumulative DNAPL Recovery Data For Newell Street Area II - System 2

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



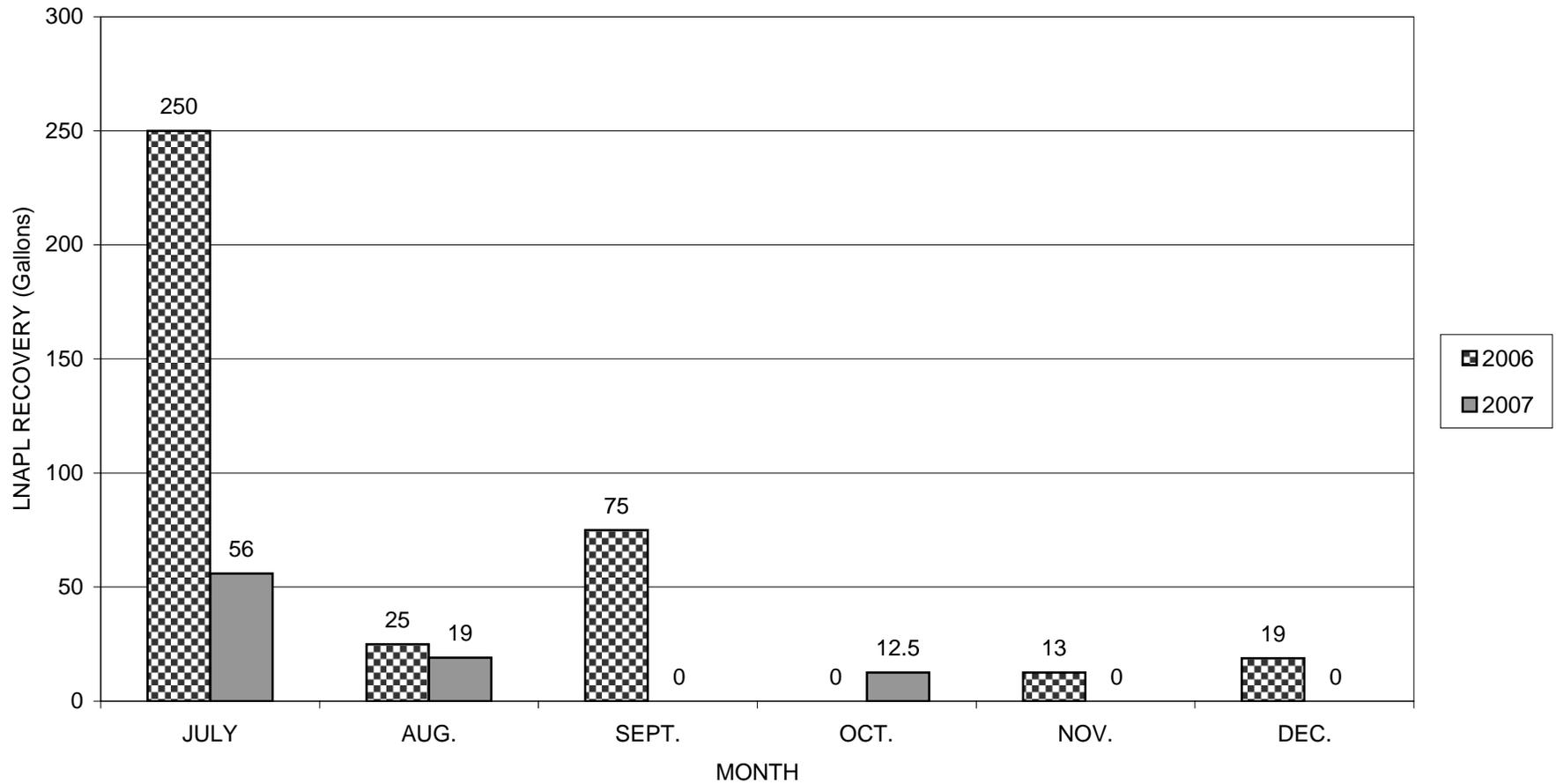
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Appendix C

Summary of Automated LNAPL
Recovery

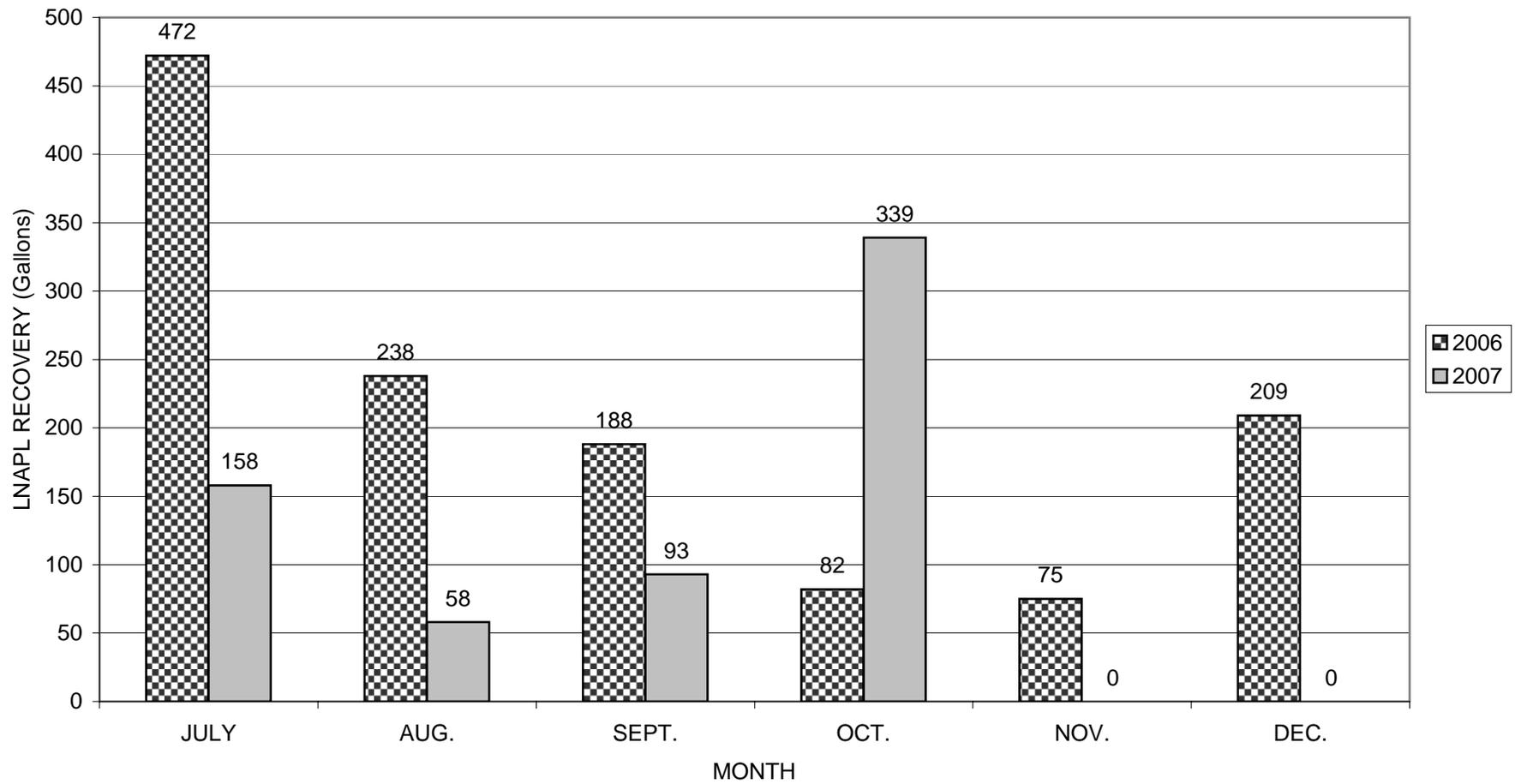
Appendix C
LNAPL Recovery Data For East Street Area 2 - South System 64R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



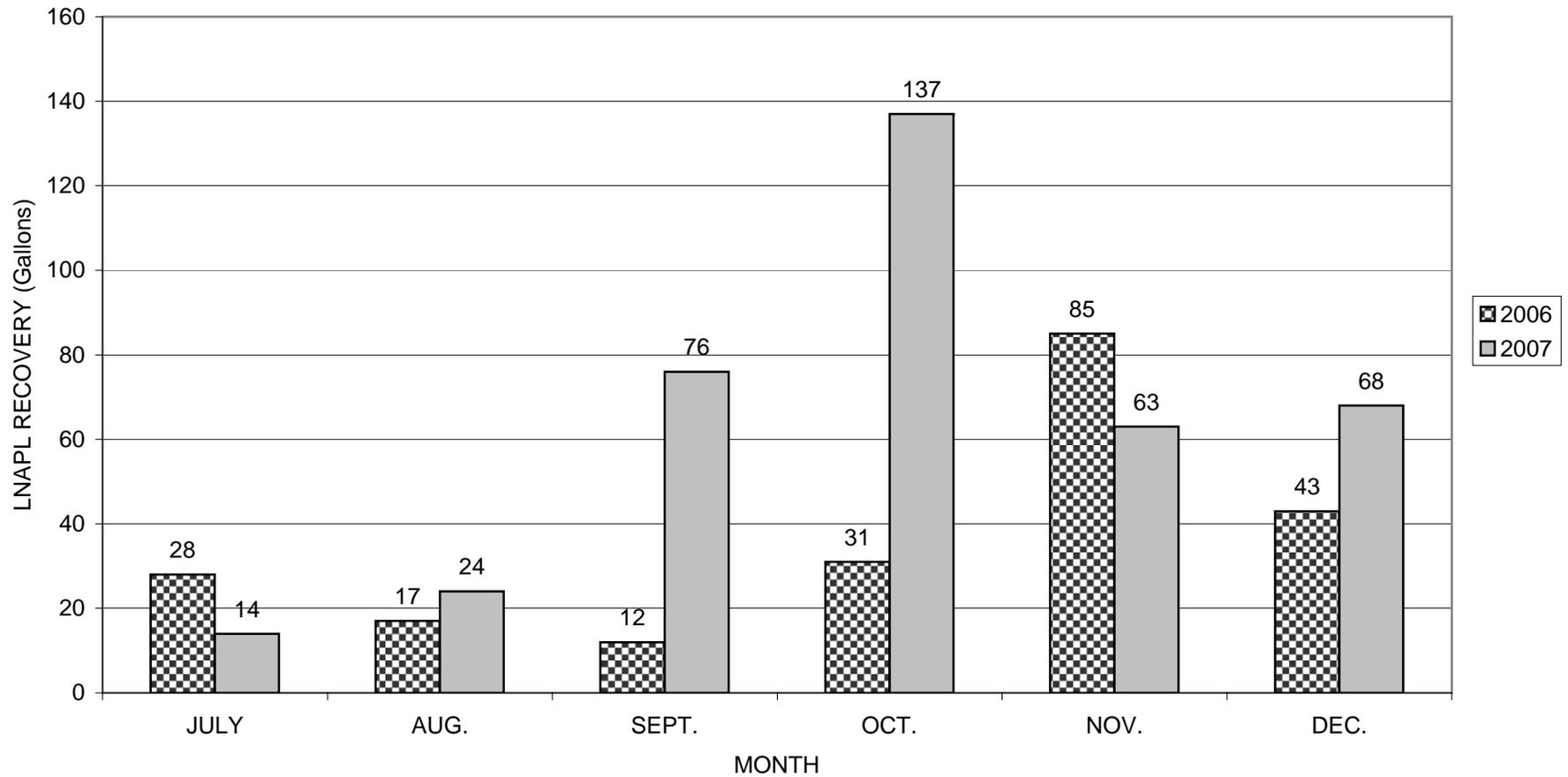
Appendix C
LNAPL Recovery Data For East Street Area 2 - South System 64S

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



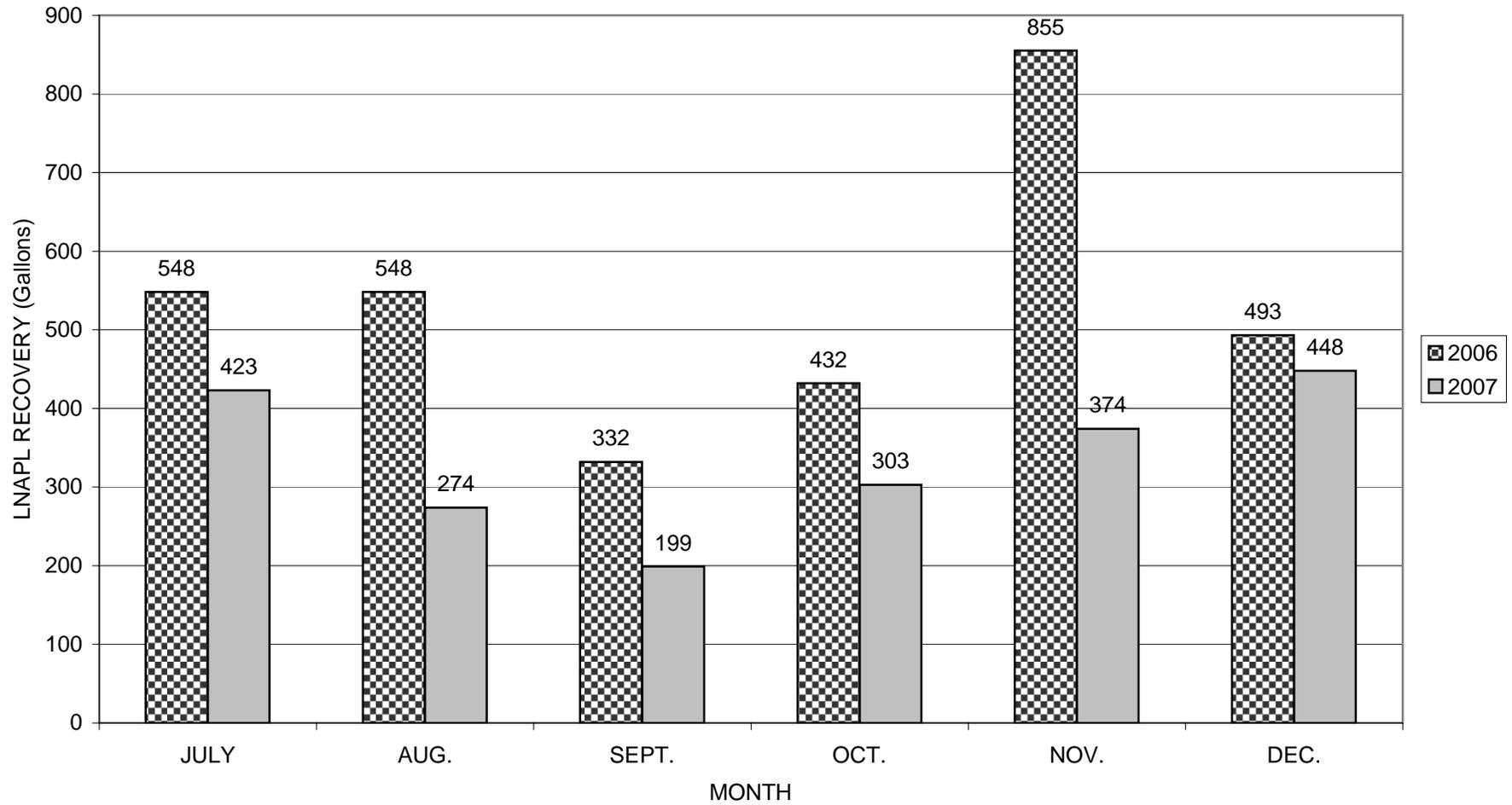
Appendix C
LNAPL Recovery Data For East Street Area 2 - South System
RW-1 (S)

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



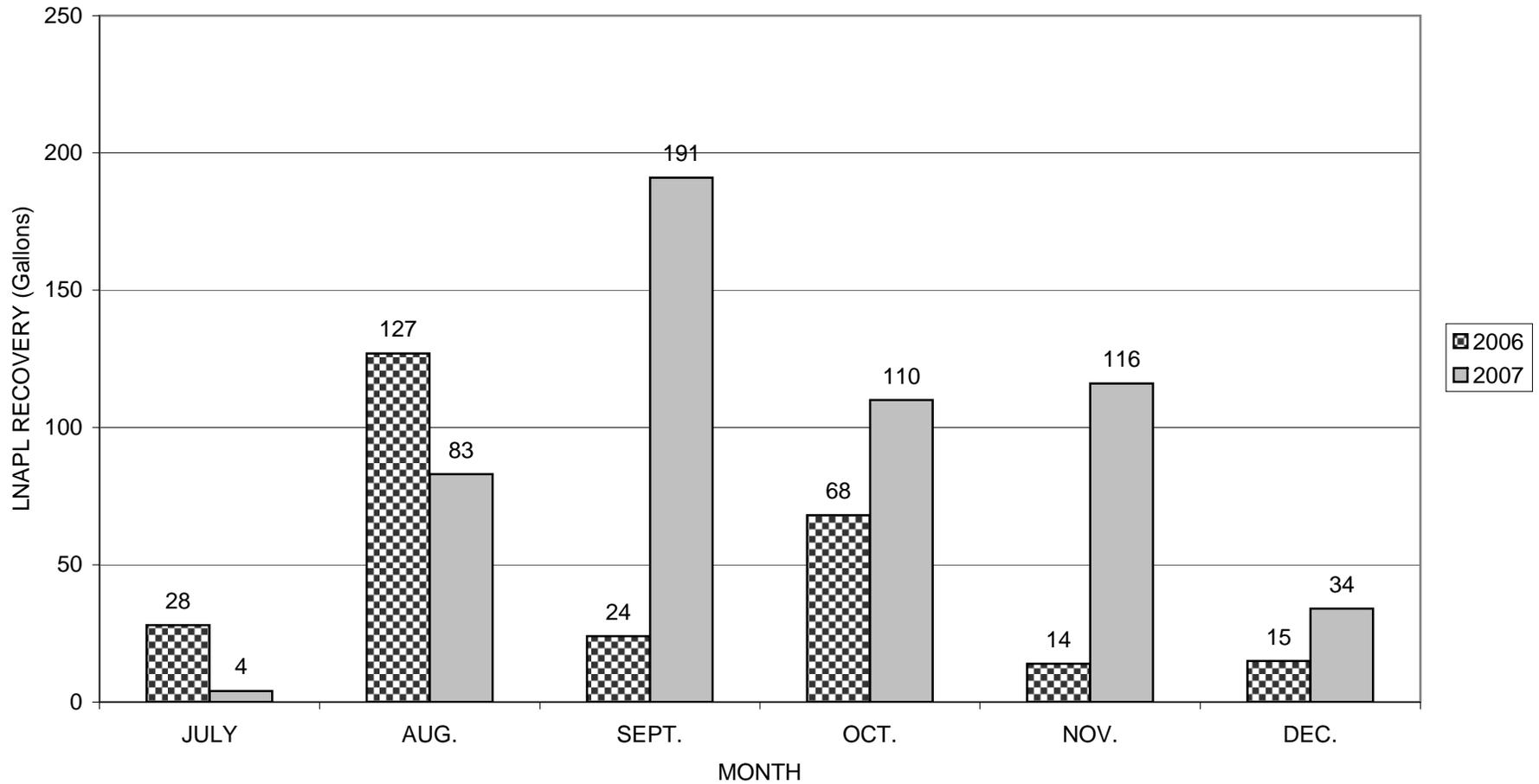
Appendix C
LNAPL Recovery Data For East Street Area 2 - South System 64V

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



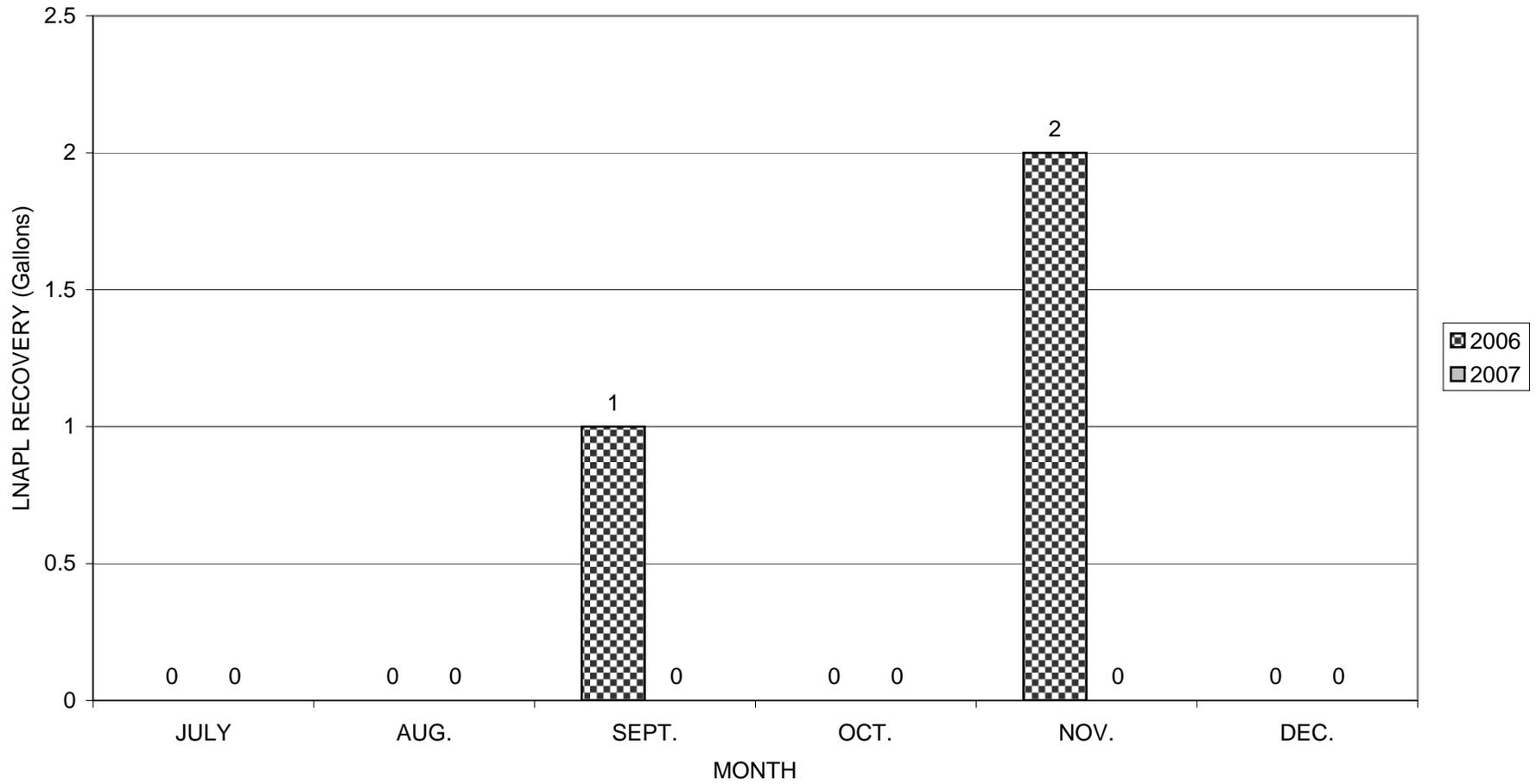
Appendix C
LNAPL Recovery Data For East Street Area 2 - South System 64X

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



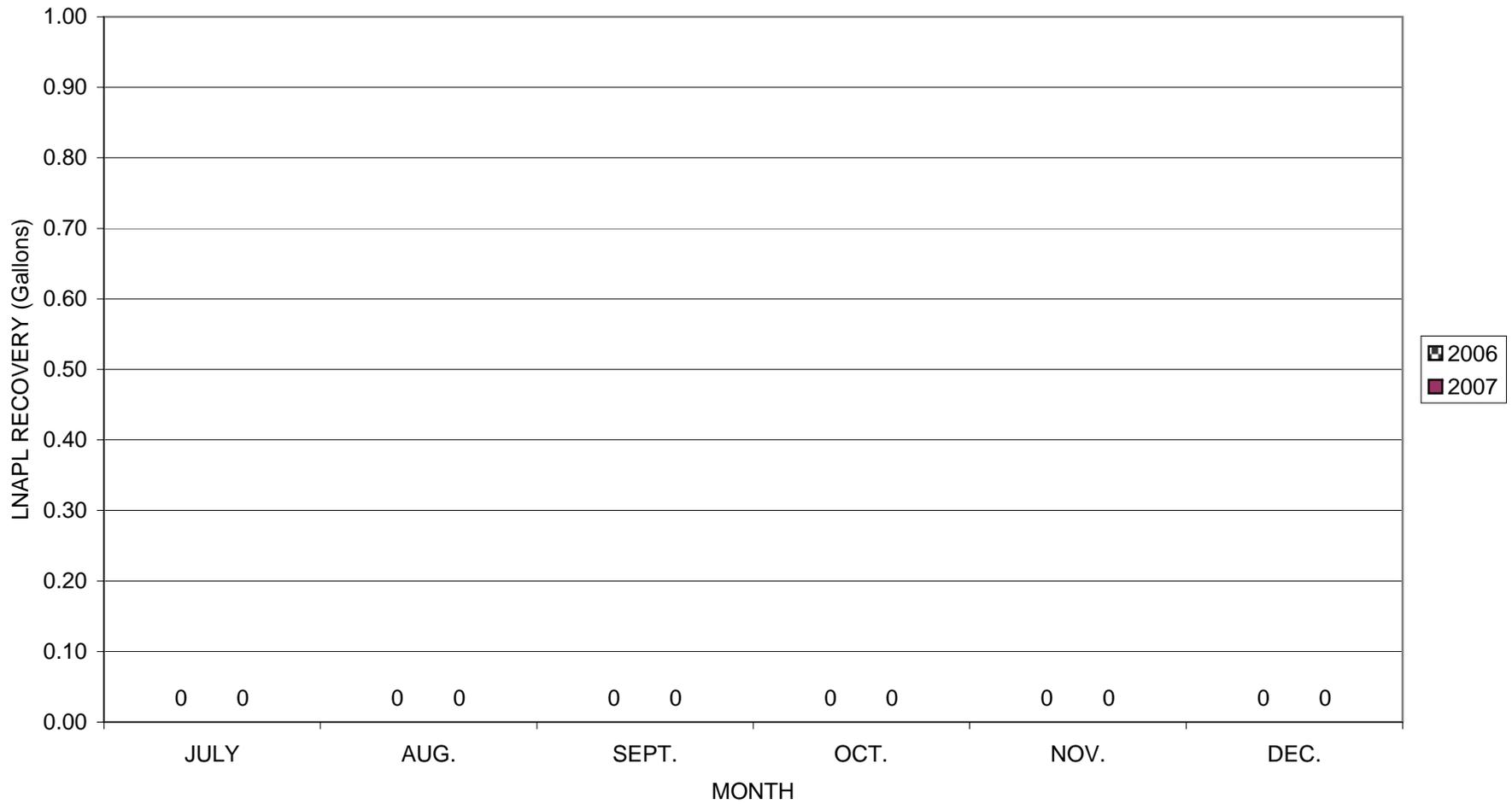
Appendix C
LNAPL Recovery Data For East Street Area 2 - South System RW-1 (X)

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



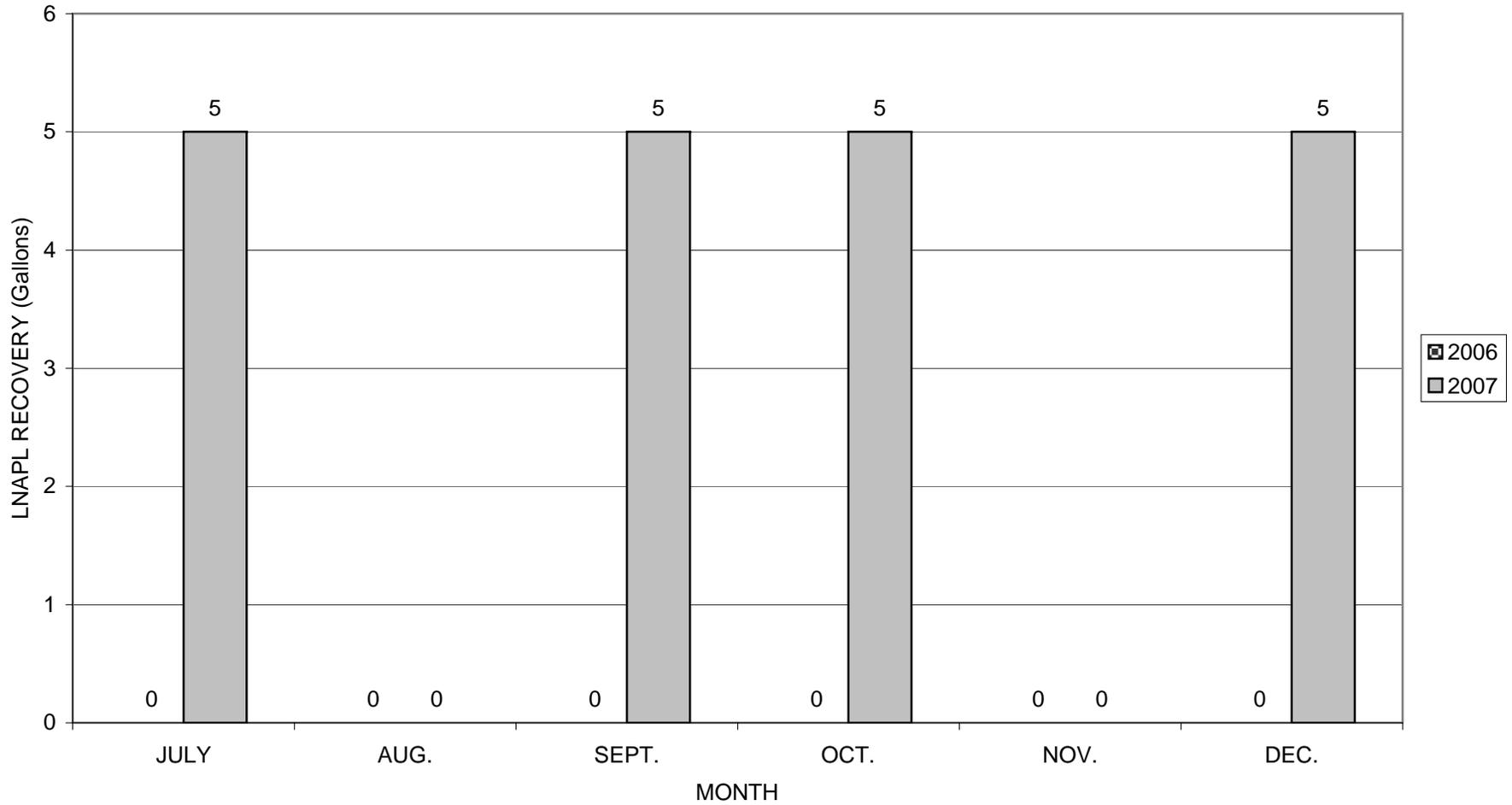
Appendix C
LNAPL Recovery Data For Lyman Street Area System RW-1R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



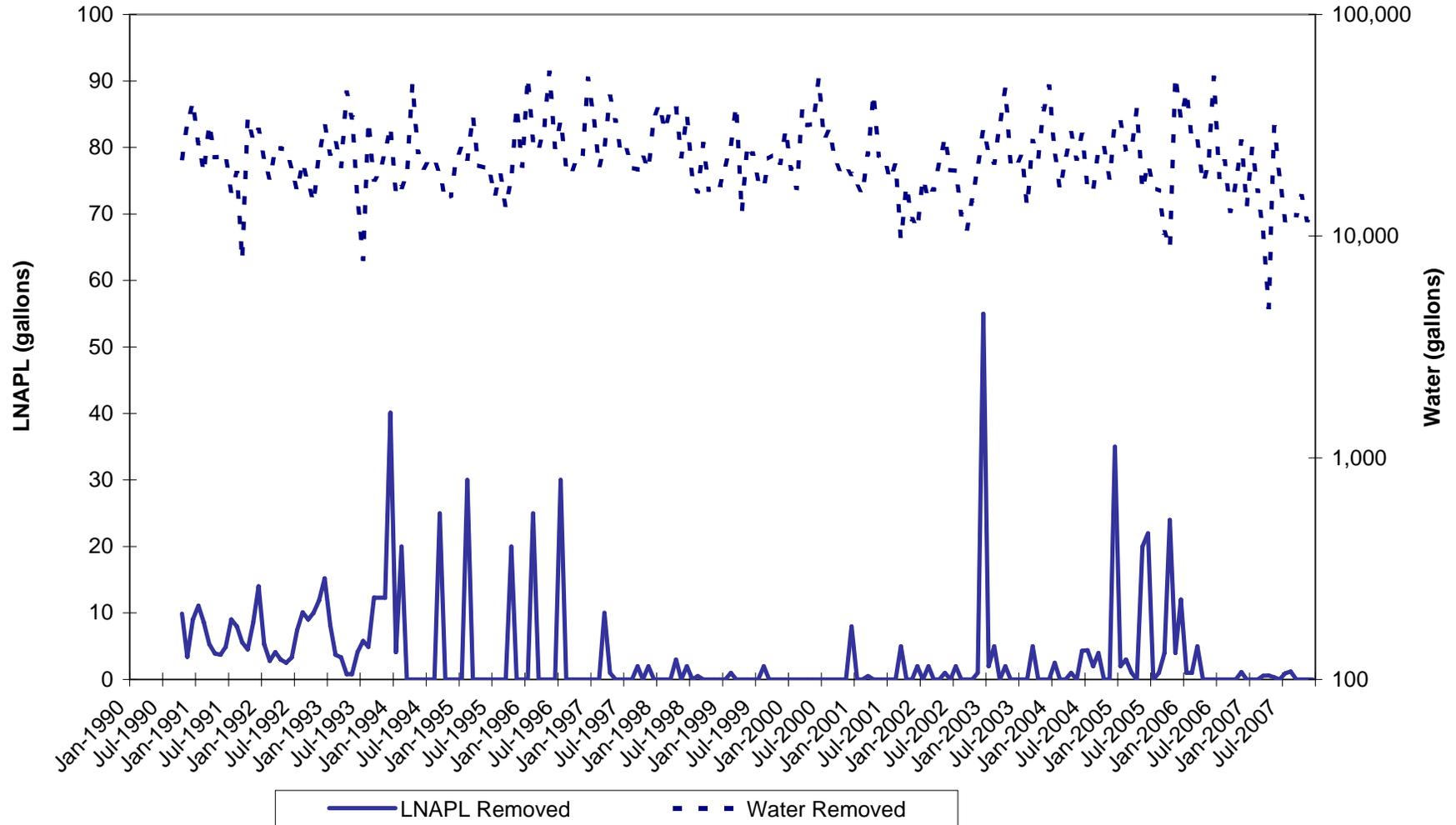
Appendix C
LNAPL Recovery Data For Lyman Street Area System RW-3

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



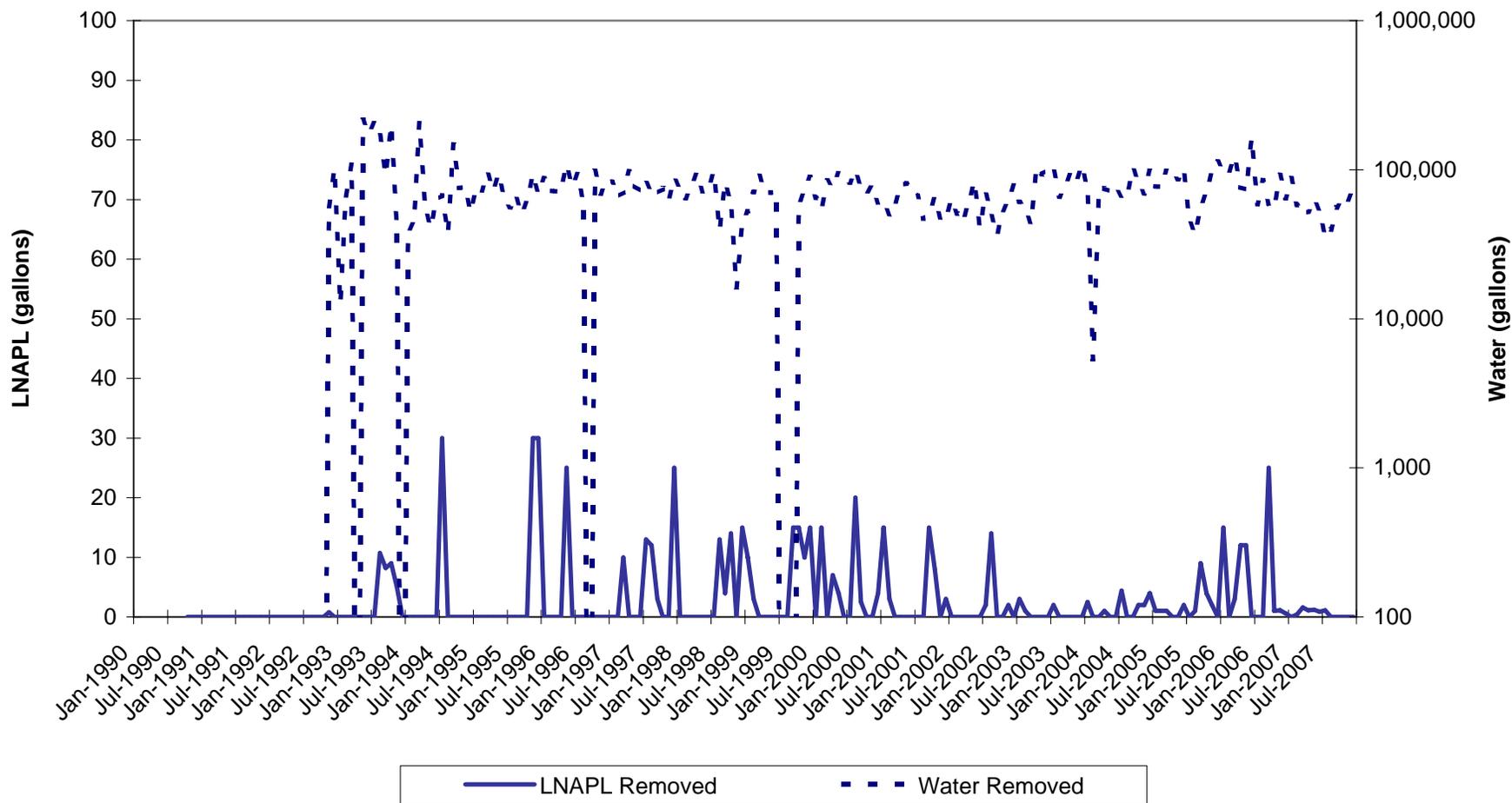
**Appendix C
Automated LNAPL Recovery System Summary For East Street Area 1 North - Northside Caisson**

**PLANT SITE 1 GROUNDWATER MANAGEMENT AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**



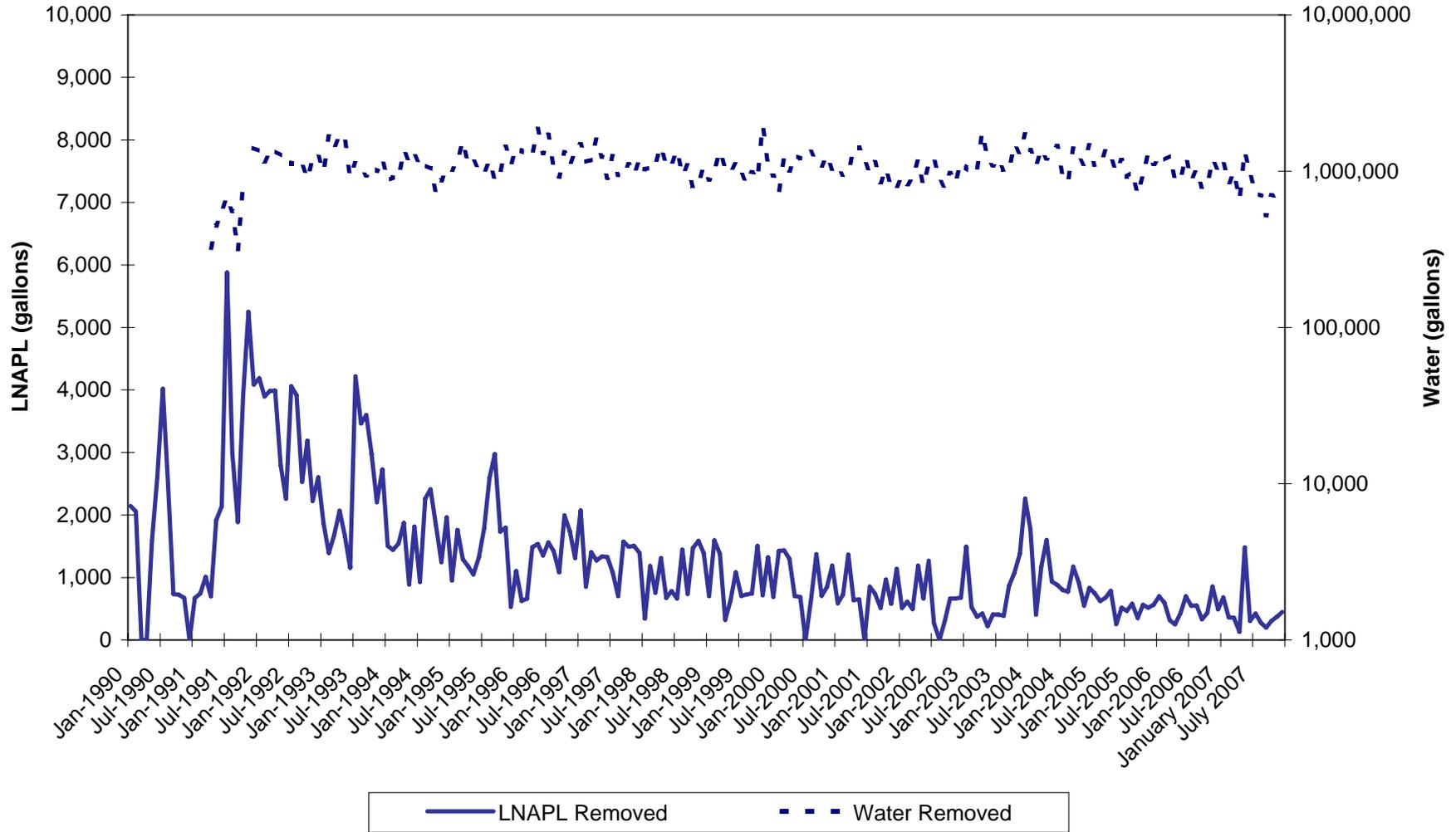
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 1 South - Southside Caisson

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



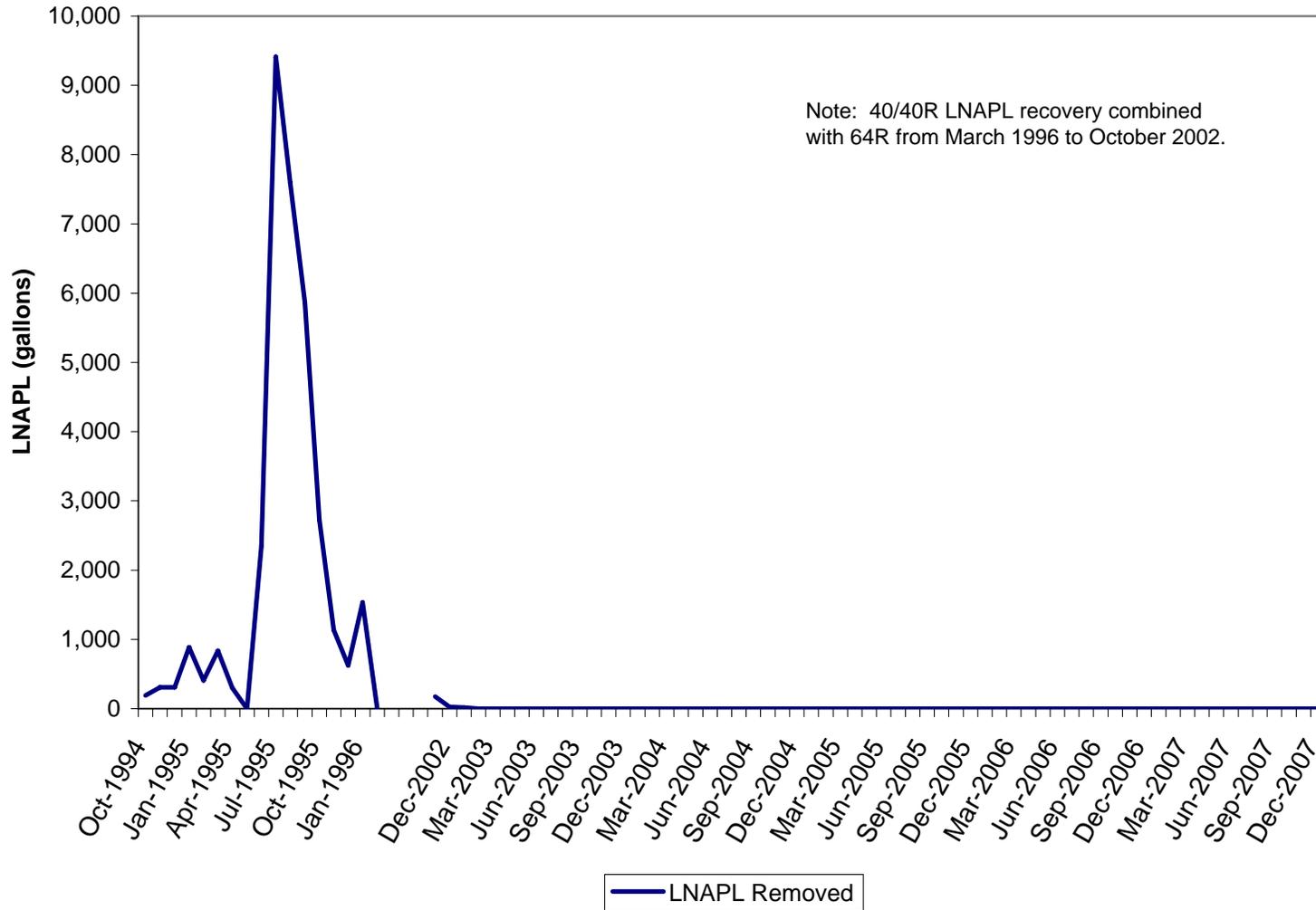
**Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - 64V**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



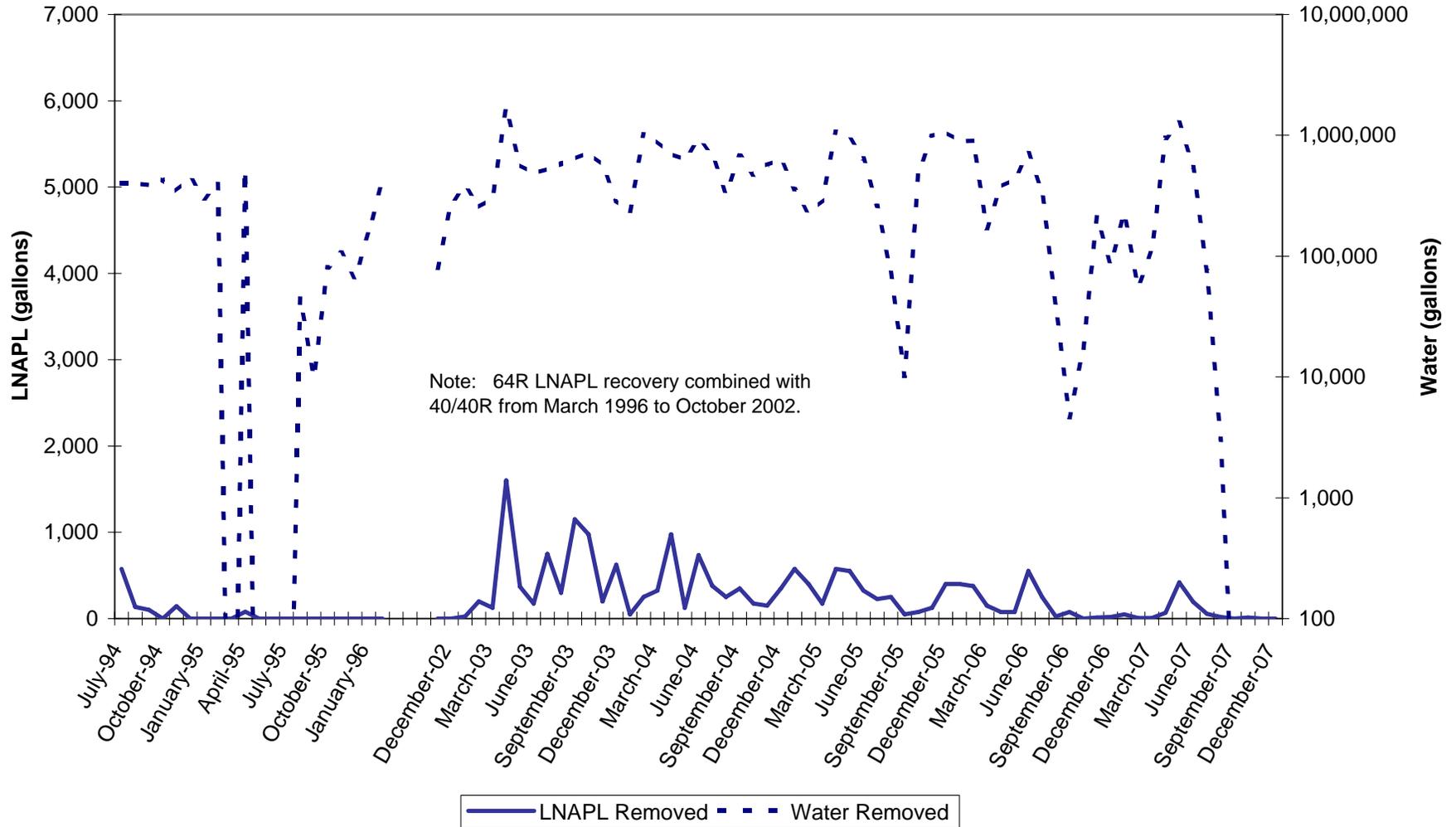
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - 40/40R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



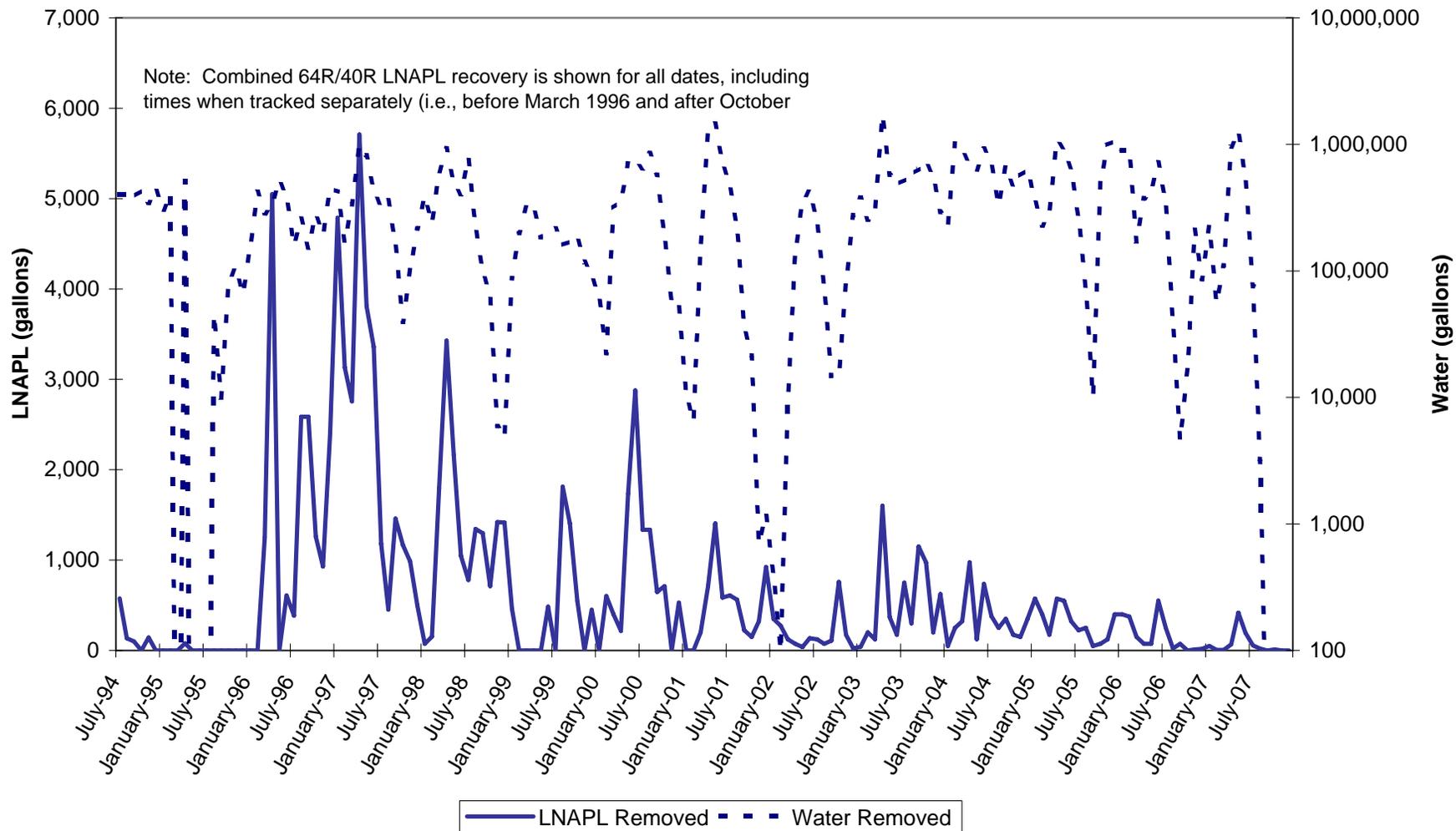
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - 64R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



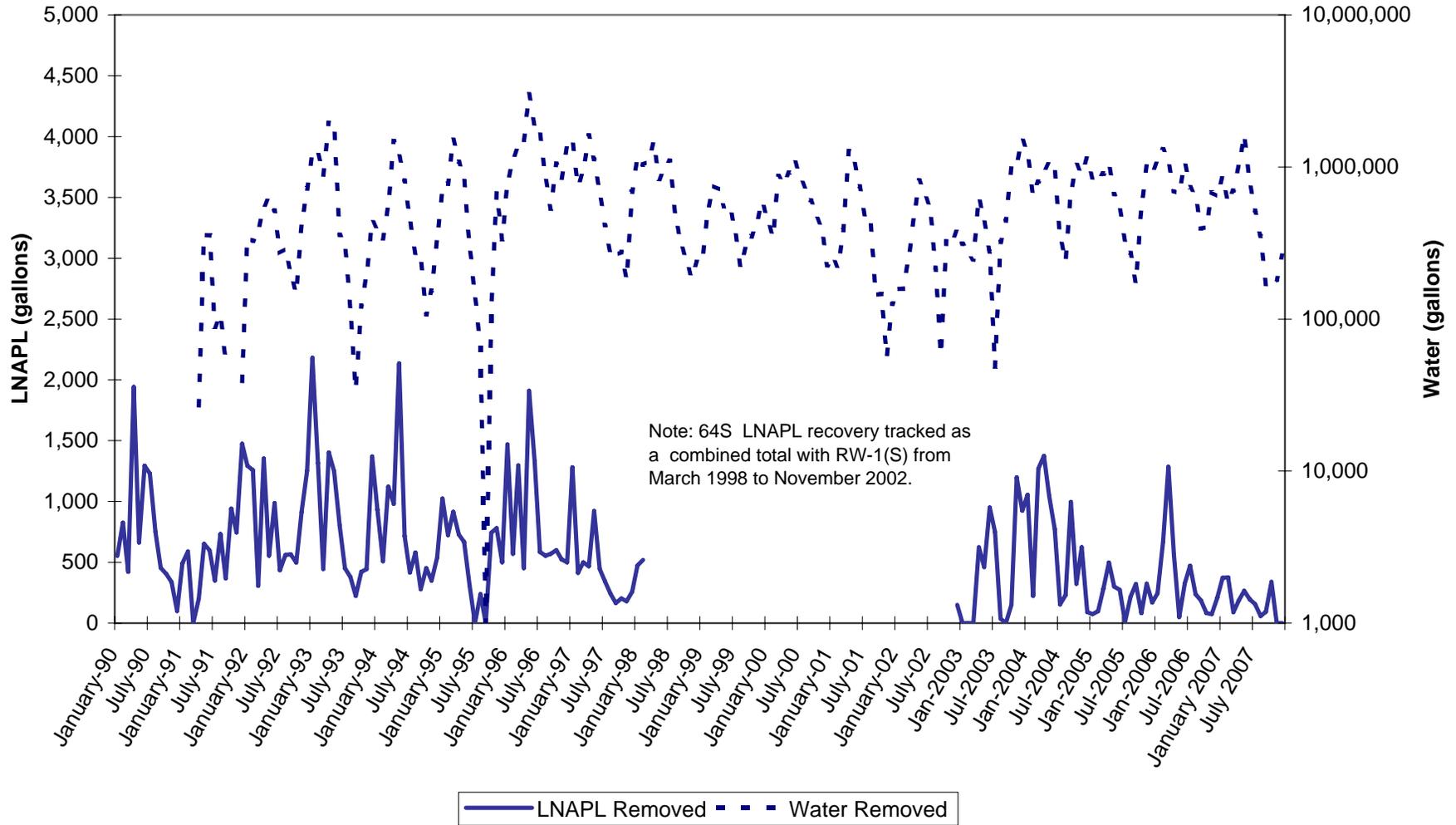
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - 64R/40R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



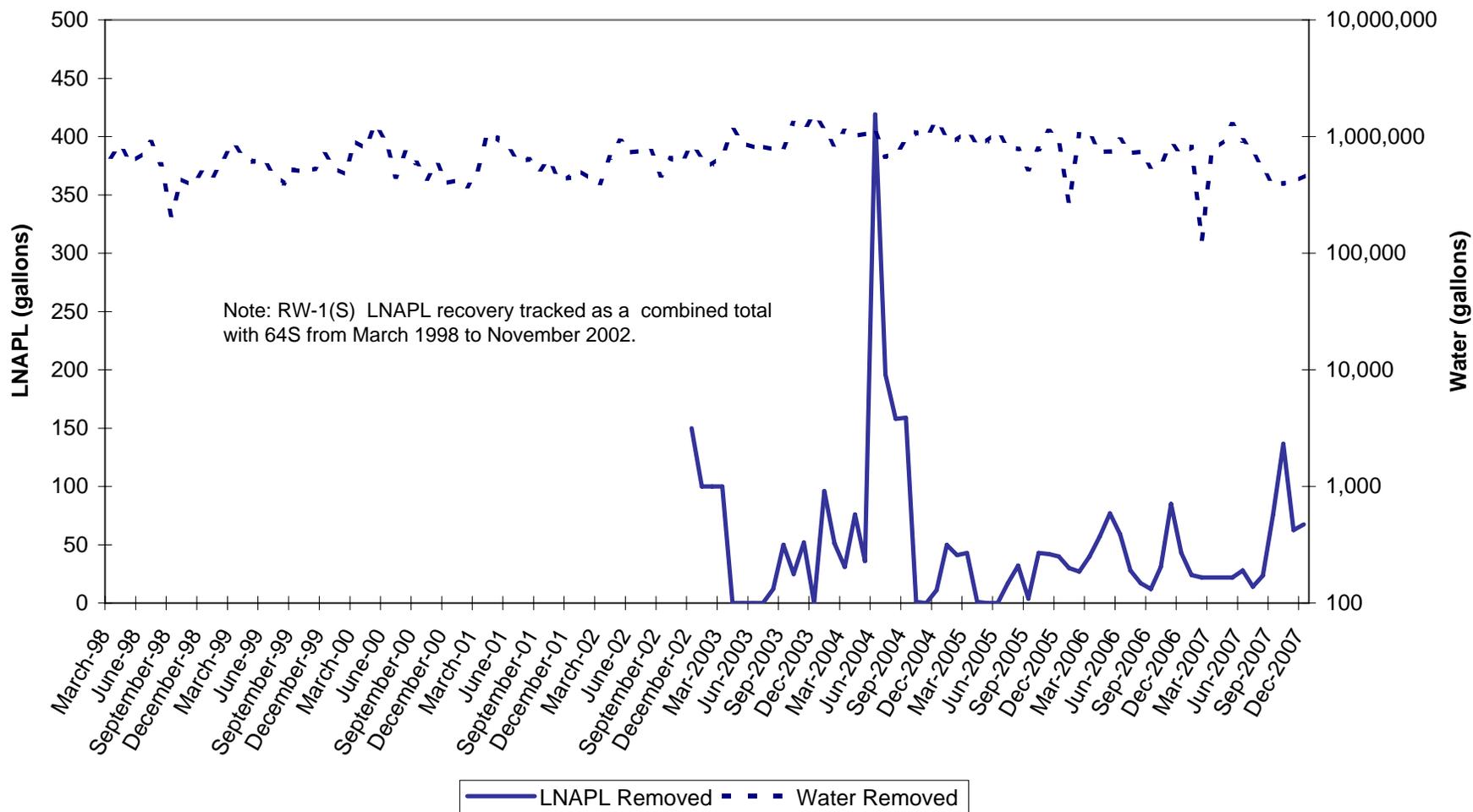
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - 64S

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



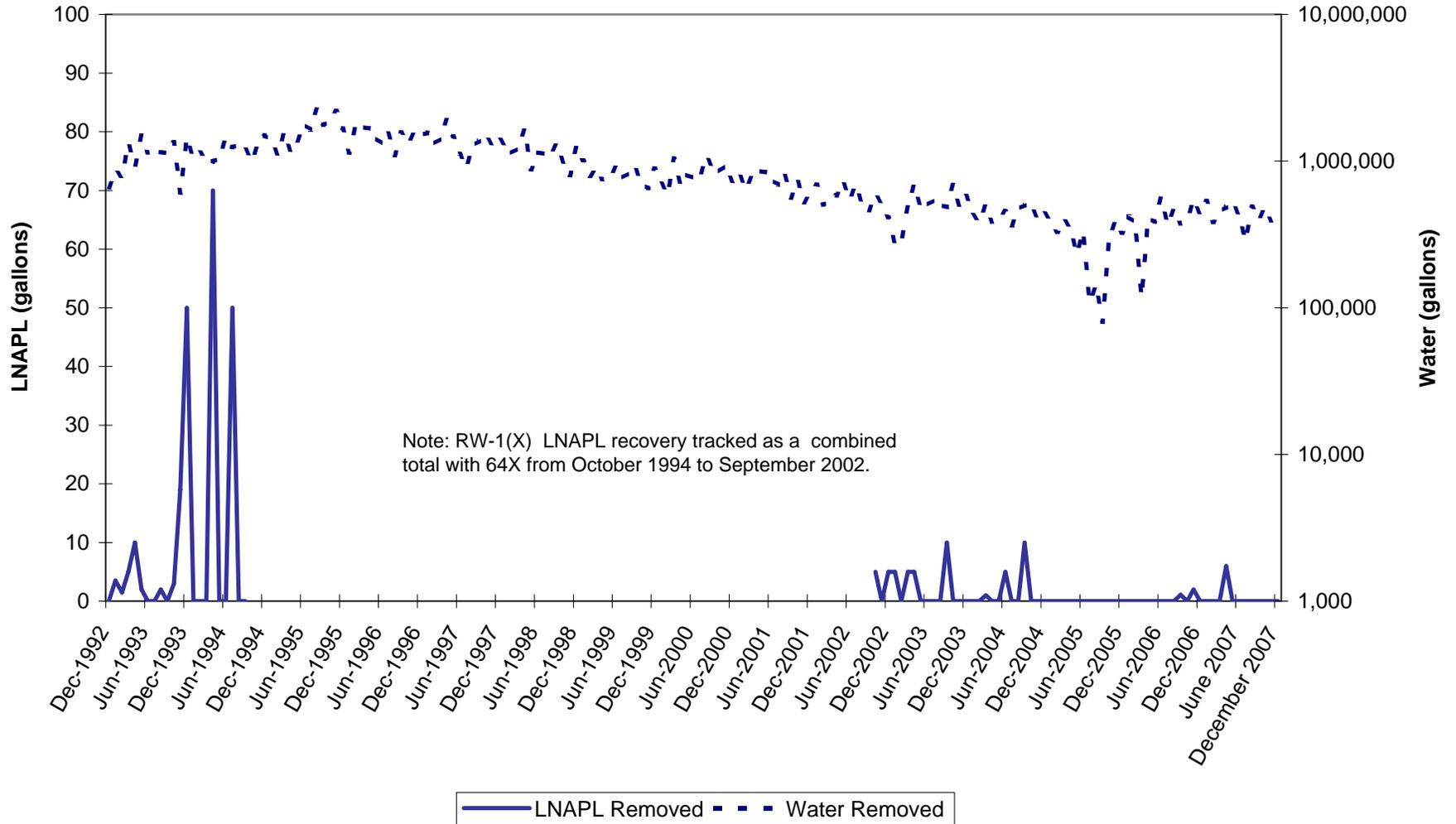
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - RW-1S

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



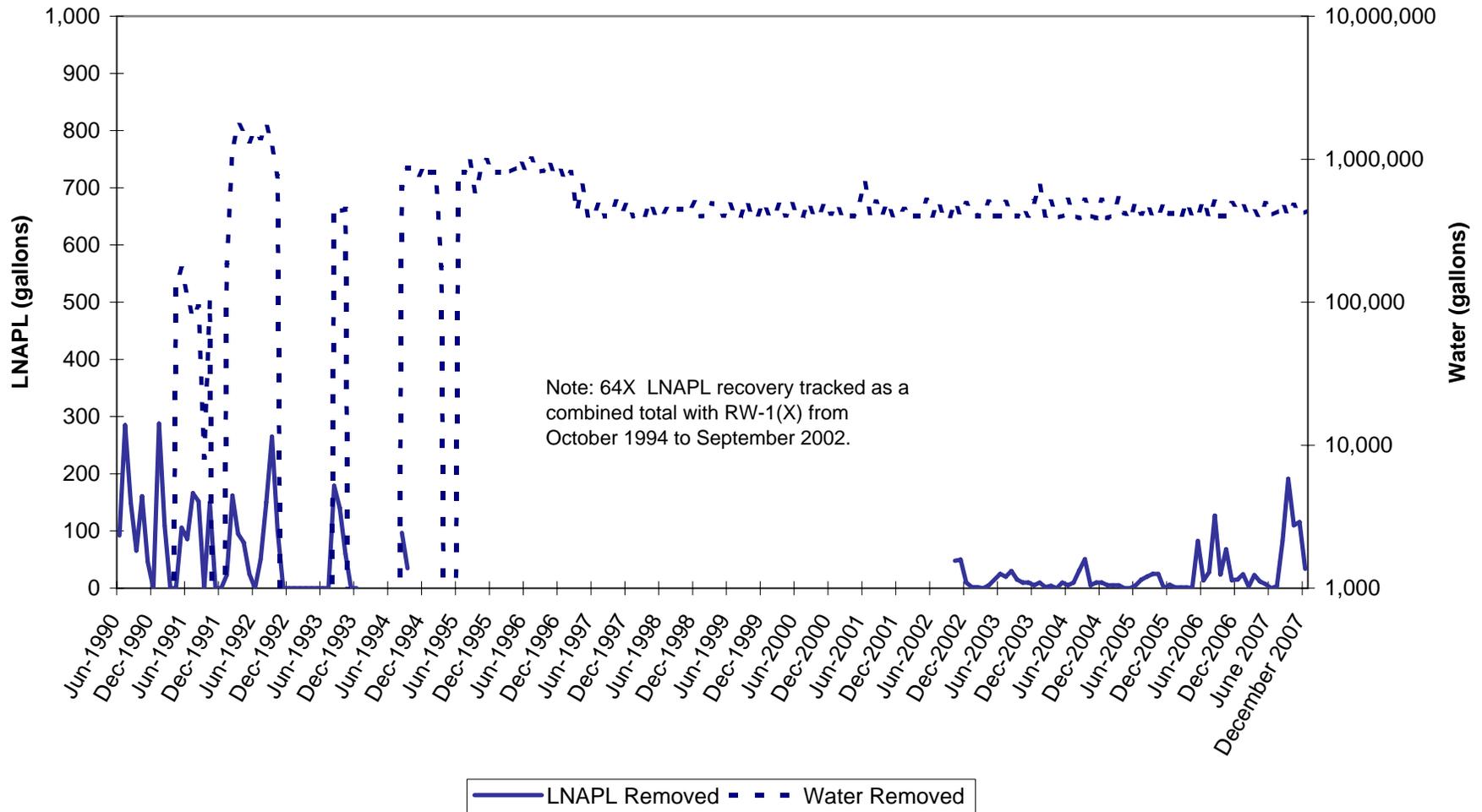
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - RW-1X

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



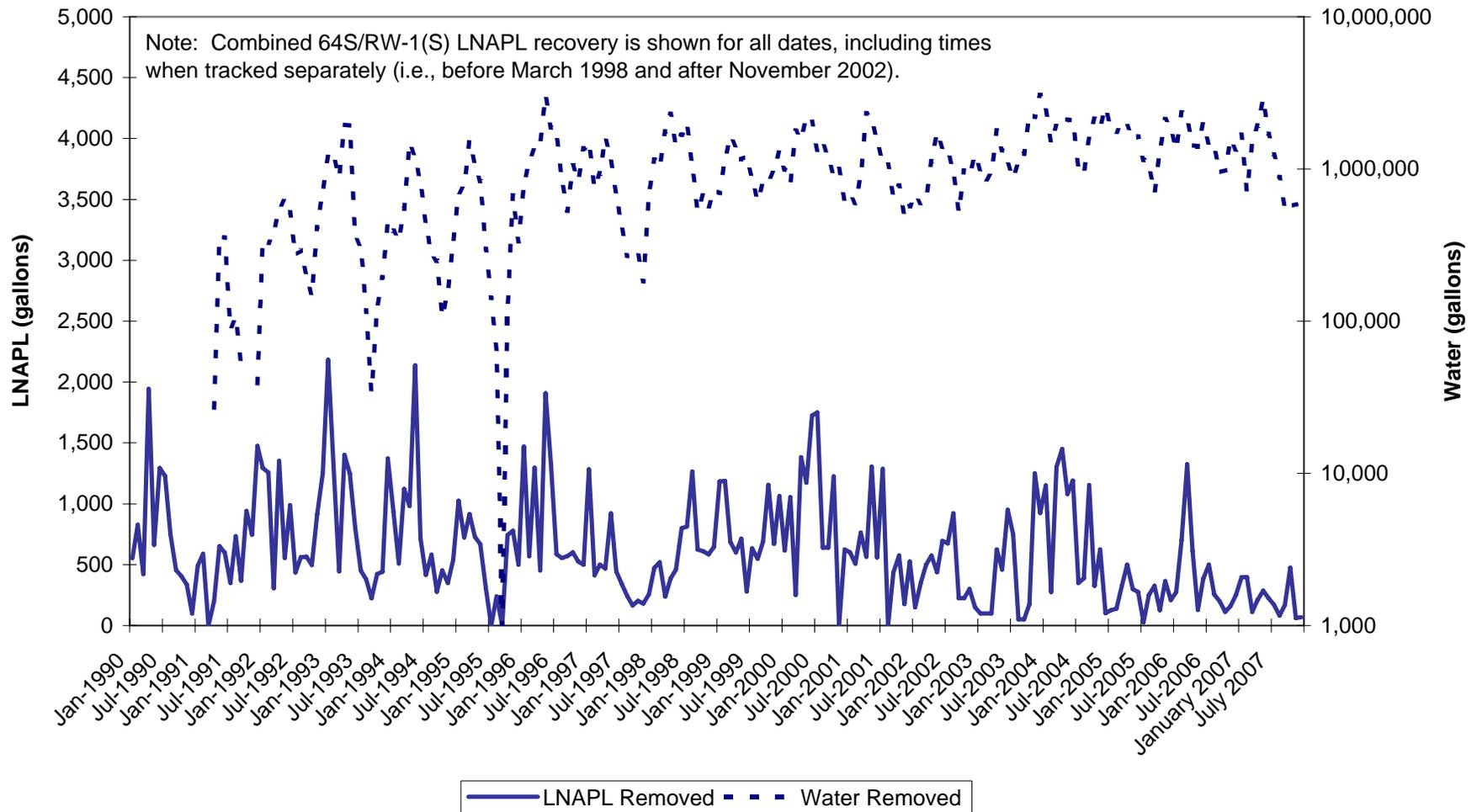
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - 64X

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



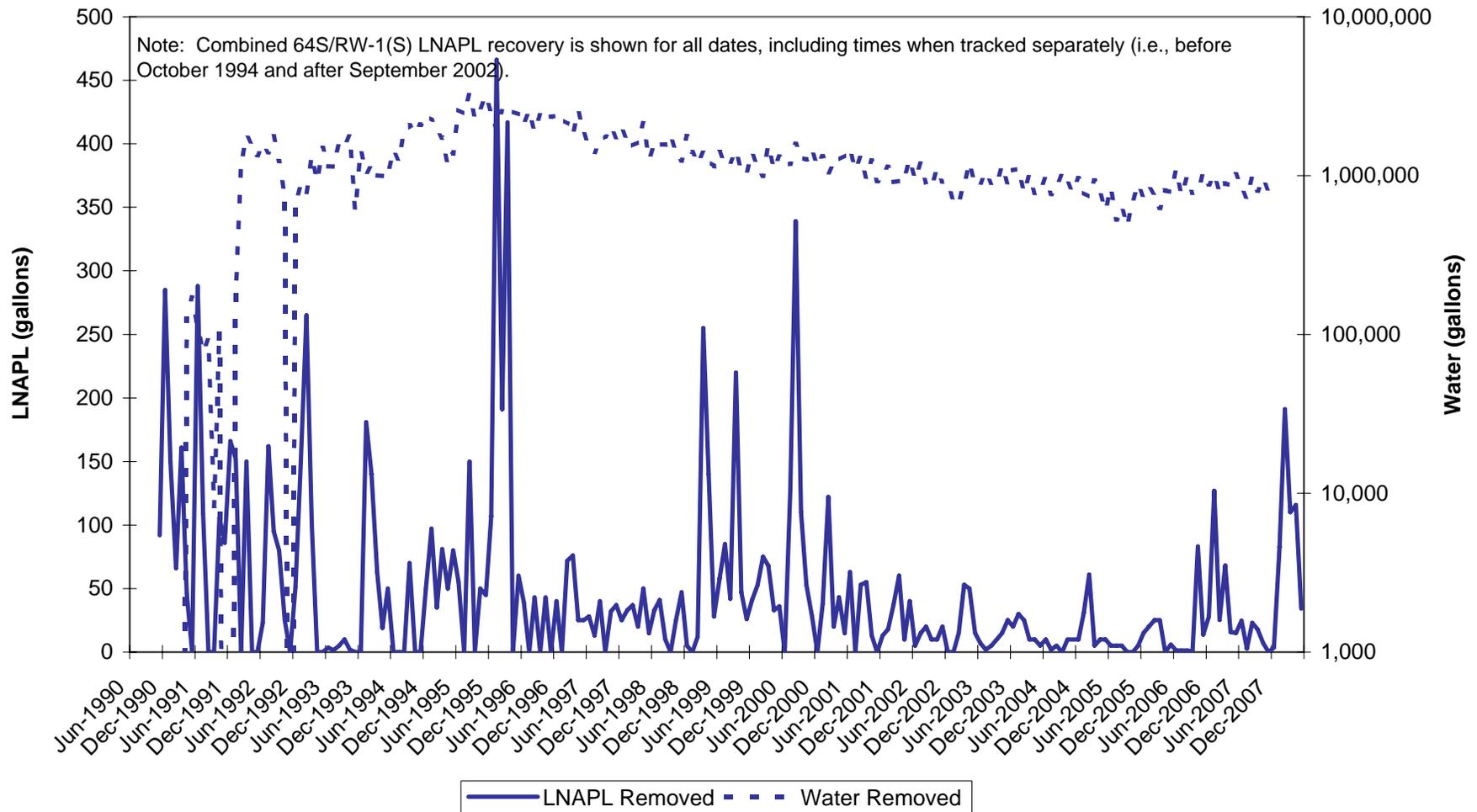
**Appendix C
Automated LNAPL Recovery System Summary For
East Street Area 2-South - 64S/RW-1(S)**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



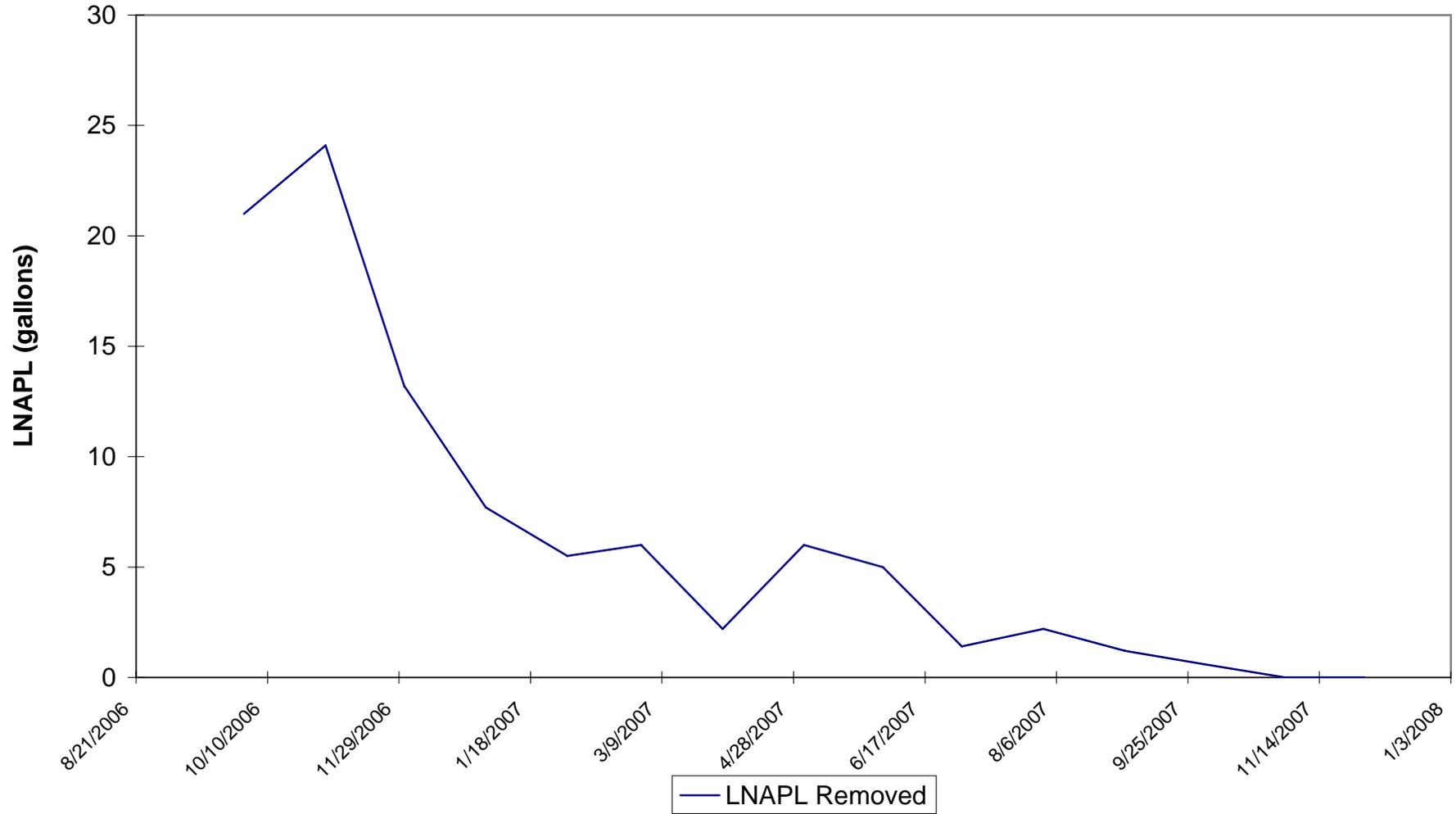
Appendix C
Automated LNAPL Recovery System Summary For
East Street Area 2-South - 64X/RW-1(X)

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



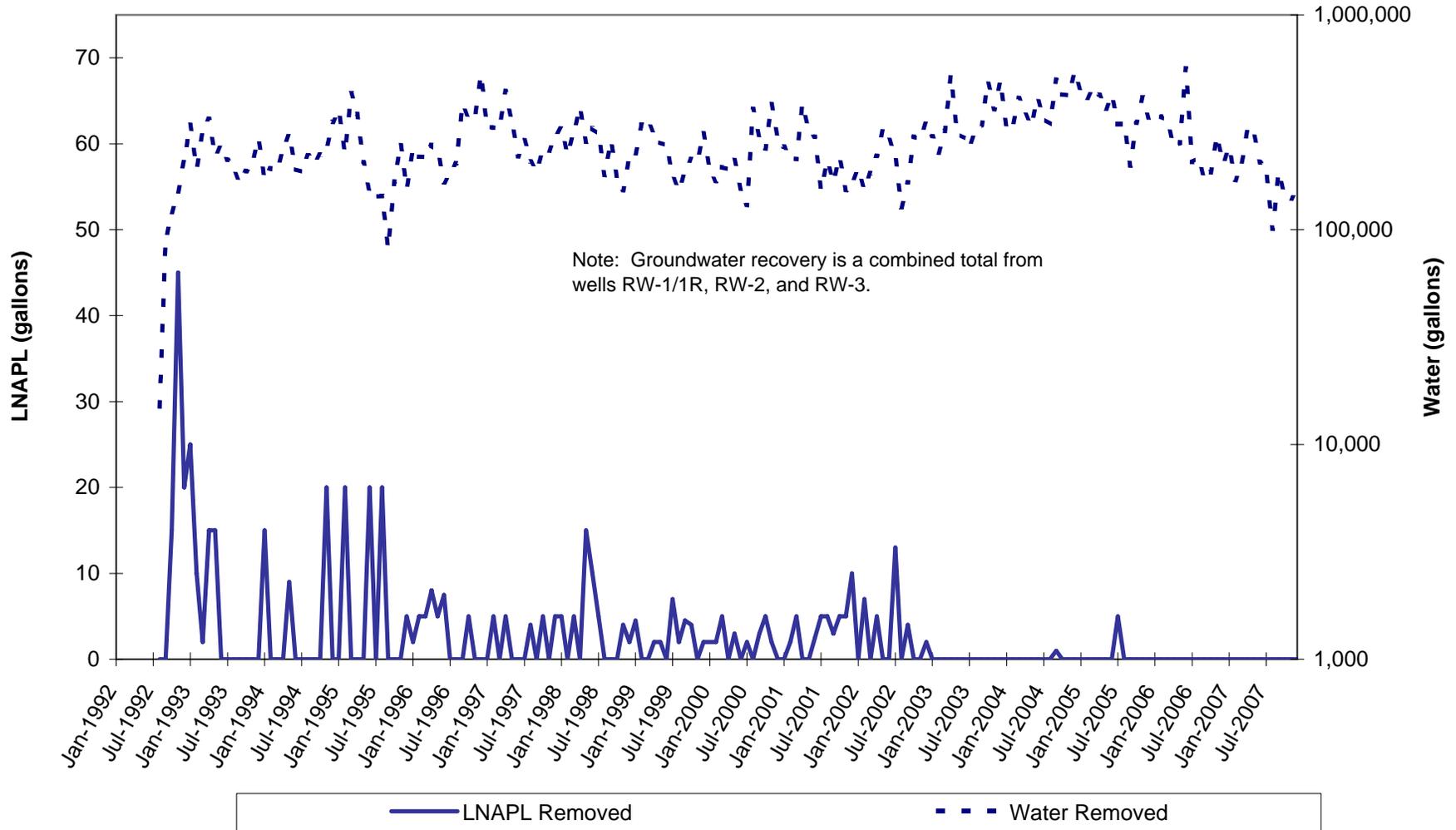
Appendix C
Automated LNAPL Recovery System Summary For East Street Area 2-South - GMA1-17-W

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



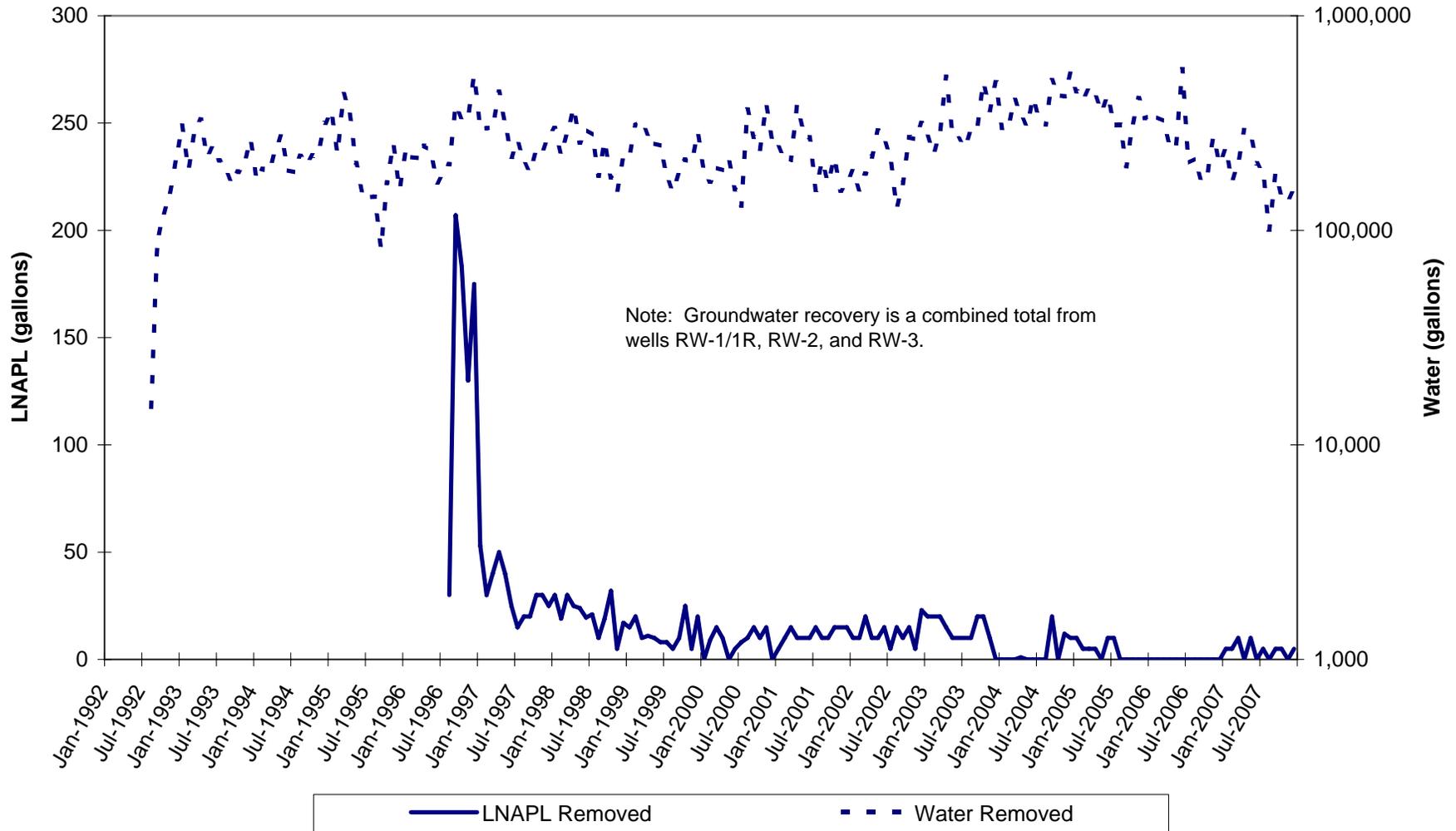
Appendix C
Automated LNAPL Recovery System Summary For Lyman Street Area - RW-1/RW-1R

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



**Appendix C
Automated LNAPL Recovery System Summary For Lyman Street Area - RW-3**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



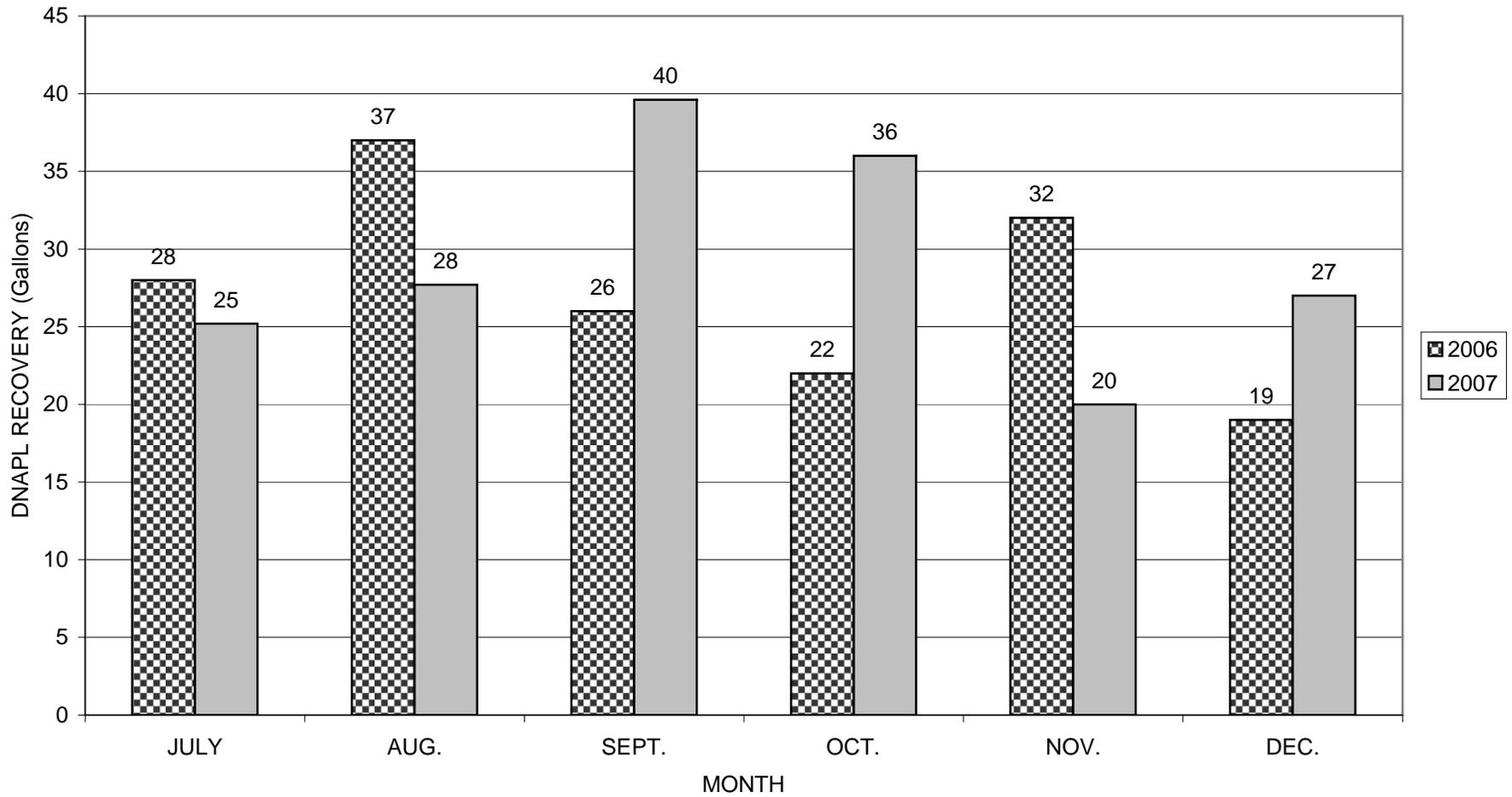
ARCADIS

Appendix D

Summary of Automated DNAPL
Recovery

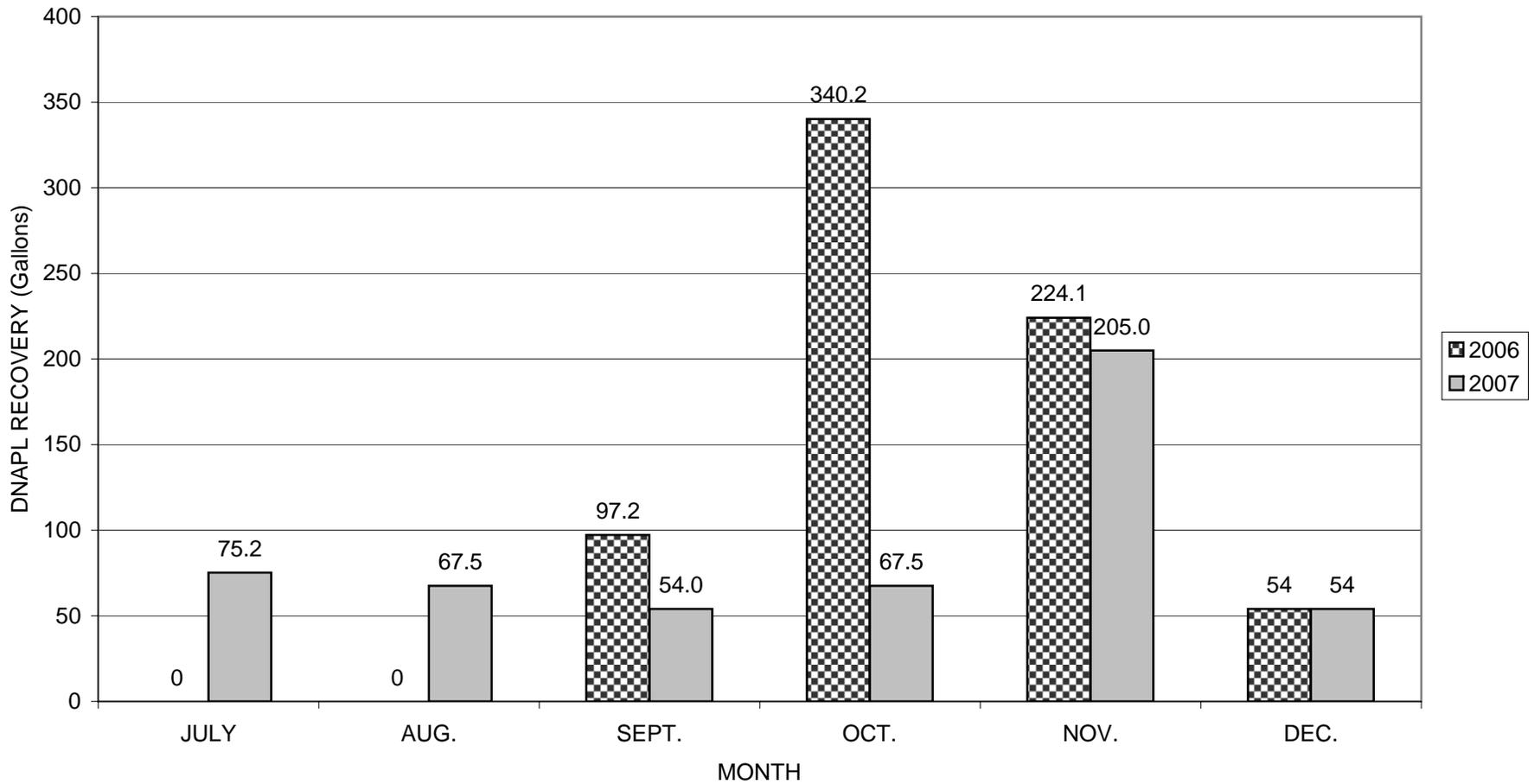
Appendix D
DNAPL Recovery Data For East Street Area 2 - South System RW-3 (X)

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



**Appendix D
DNAPL Recovery Data For Newell Street Area II System 2¹**

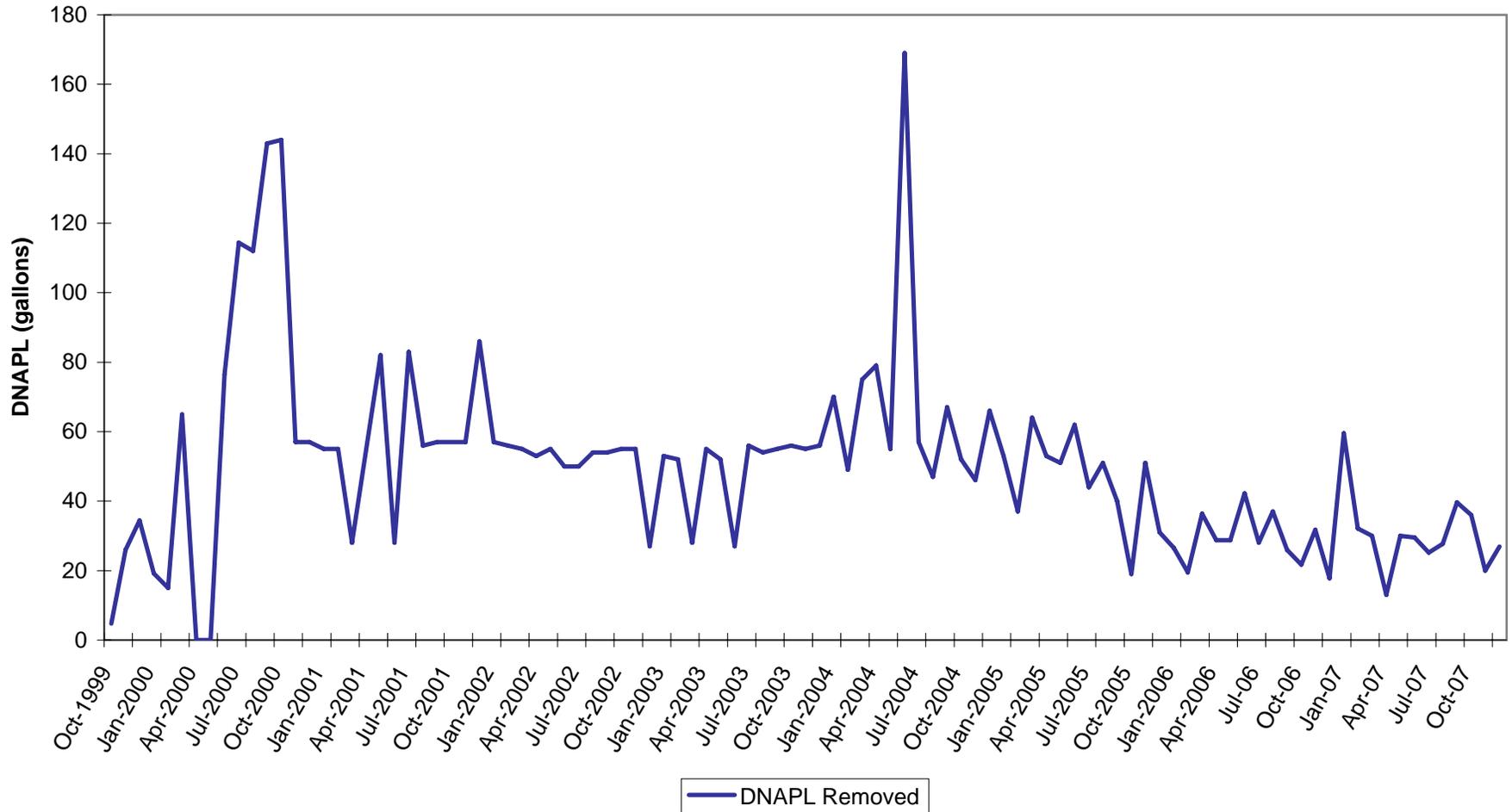
**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



¹The Newell Street Area II DNAPL recovery systems were shut down on July 25, 2005. An upgraded system was completed and activated on August 30, 2006.

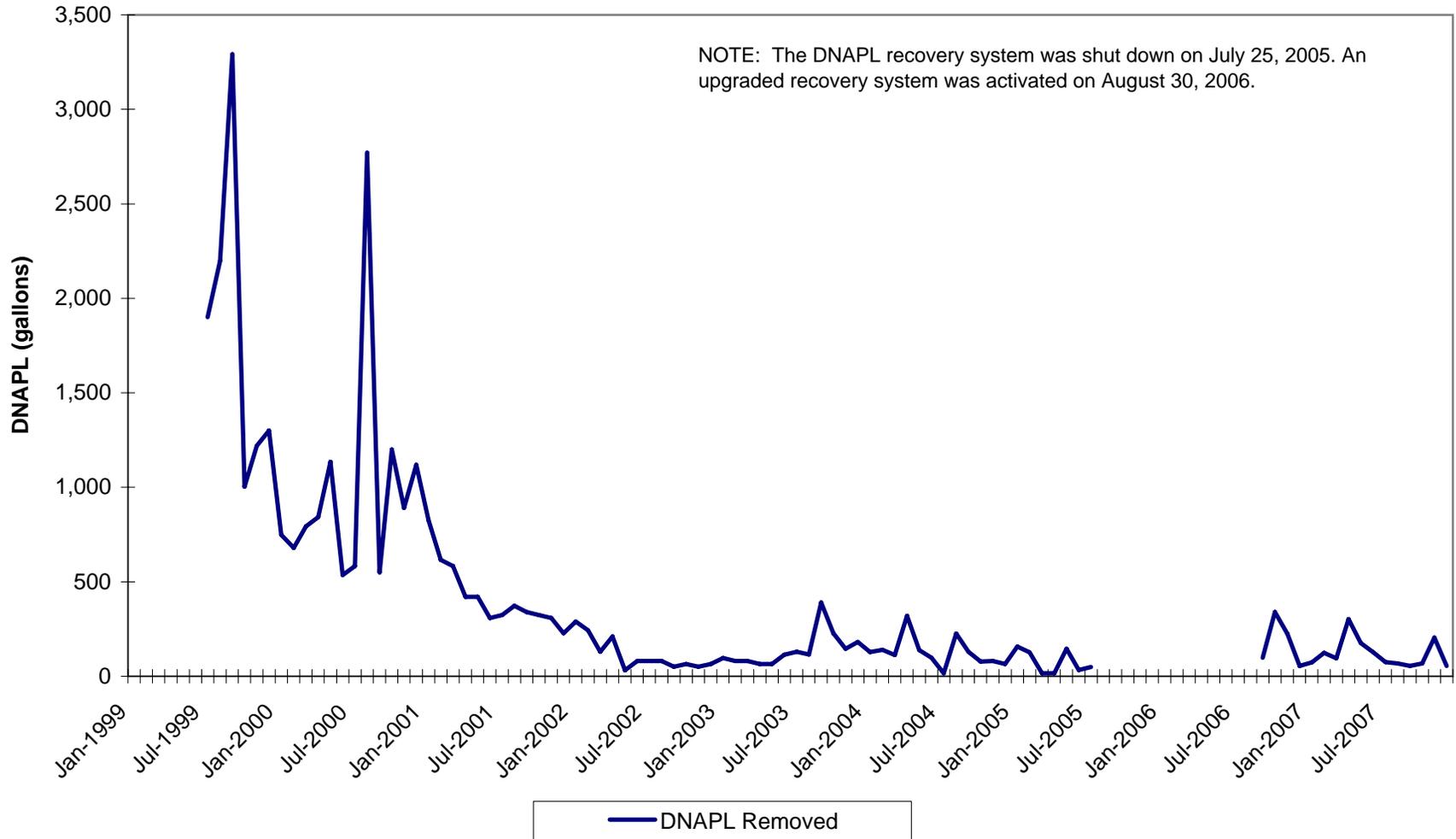
Appendix D
Automated DNAPL Recovery System Summary For East Street Area 2-South - RW-3X

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



Appendix D
Automated DNAPL Recovery System Summary For Newell Street Area II - System 2

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



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Appendix E

Groundwater Elevation and NAPL
Thickness/Recovery Data

**Table E-1
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For 20s, 30s, & 40s Complexes**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
20's Complex											
CC	998.84	9/25/2007	21.21	21.20	0.01	---	26.00	0.00	977.64	0.006	---
CC	998.84	10/29/2007	21.90	21.89	0.01	---	26.02	0.00	976.95	---	---
EE	1,004.27	9/25/2007	26.24	---	0.00	---	33.68	0.00	978.03	---	---
EE	1,004.27	10/29/2007	26.63	---	0.00	---	33.67	0.00	977.64	---	---
FF	1,005.70	10/29/2007	26.55	---	0.00	---	32.80	0.00	979.15	---	---
GG	1,007.40	10/29/2007	26.55	---	0.00	---	34.32	0.00	980.85	---	---
II	1,007.26	10/29/2007	30.11	30.06	0.05	---	31.65	0.00	977.20	---	---
JJ	1,006.38	10/29/2007	29.51	---	0.00	---	36.10	0.00	976.87	---	---
LL-R	1,010.39	10/29/2007	30.25	---	0.00	---	35.40	0.00	980.14	---	---
O-R	1,000.42	10/29/2007	Could not locate; possibly decommissioned				NA	NA	NA	---	---
P-R	1,005.01	10/29/2007	27.83	---	0.00	---	28.15	0.00	977.18	---	---
QQ-R	998.32	10/29/2007	21.59	---	0.00	---	28.12	0.00	976.73	---	---
U	998.89	10/29/2007	22.60	22.58	0.02	---	26.60	0.00	976.31	---	---
Y	1,002.86	9/25/2007	25.96	25.94	0.02	---	28.43	0.00	976.92	0.012	---
Y	1,002.86	10/29/2007	26.36	---	0.00	---	28.42	0.00	976.50	---	---
30's Complex											
95-15	986.38	10/29/2007	Well Buried under gravel/sand				NA	NA	NA	---	---
95-16	1,007.65	10/29/2007	16.10	---	0.00	---	22.74	0.00	991.55	---	---
ES2-19	1,007.22	10/29/2007	13.20	---	0.00	---	18.80	0.00	994.02	---	---
GMA1-10	984.86	10/29/2007	Could not locate; possibly decommissioned				NA	NA	NA	---	---
GMA1-12	992.26	10/29/2007	16.05	---	0.00	---	22.13	0.00	976.21	---	---
RF-02	982.43	10/29/2007	6.40	---	0.00	---	19.00	0.00	976.03	---	---
RF-02	9/8/1902	10/12/2007	7.00	---	0.00	---	18.25	0.00	975.43	---	---
RF-03	985.40	10/29/2007	9.45	---	0.00	---	18.40	0.00	975.95	---	---
RF-03D	985.31	10/29/2007	8.46	---	0.00	---	36.50	0.00	976.85	---	---
RF-16R	987.91	10/29/2007	Could not locate; possibly decommissioned				NA	NA	NA	---	---
40s Complex											
95-17	1,007.67	10/29/2007	24.44	---	0.00	---	25.76	0.00	983.23	---	---
RF-4	1,011.99	10/29/2007	Could not locate				NA	NA	NA	---	---

NOTES:

1. '---' indicates LNAPL or DNAPL was not present in a measurable quantity
2. NA indicates information not available.

Table E-2
 Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
 For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
 Plant Site 1 Groundwater Management Area
 General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
02	995.64	9/24/2007	19.54	19.53	0.01	---	23.38	0.00	976.11	0.006	---
02	995.64	10/31/2007	19.81	---	0.00	---	23.31	0.00	975.83	---	---
05	996.10	10/31/2007	16.80	---	0.00	---	23.45	0.00	979.30	---	---
06	991.18	10/31/2007	17.03	17.02	0.01	---	23.60	0.00	974.16	---	---
10	987.95	10/31/2007	Dry at 14.56 (feet BMP)				14.56	NA	NA	---	---
13	990.88	7/17/2007	18.17	18.16	0.01	---	22.51	0.00	972.72	0.006	---
13	990.88	8/20/2007	18.49	---	0.00	---	22.51	0.00	972.39	---	---
13	990.88	9/24/2007	18.78	18.68	0.10	---	22.30	0.00	972.19	0.062	---
13	990.88	10/30/2007	18.32	18.21	0.11	---	22.37	0.00	972.66	---	---
13	990.88	11/19/2007	18.05	17.95	0.10	---	22.55	0.00	972.92	0.062	---
13	990.88	12/11/2007	18.14	18.10	0.04	---	22.50	0.00	972.78	0.025	---
14	991.61	7/17/2007	18.28	18.25	0.03	---	25.62	0.00	973.36	0.019	---
14	991.61	8/20/2007	18.63	18.50	0.13	---	25.54	0.00	973.10	0.08	---
14	991.61	9/24/2007	19.15	18.70	0.45	---	25.50	0.00	972.88	0.278	---
14	991.61	10/30/2007	18.58	18.23	0.35	---	25.41	0.00	973.36	---	---
14	991.61	11/19/2007	18.14	18.06	0.08	---	25.50	0.00	973.54	0.049	---
14	991.61	12/11/2007	18.45	18.28	0.17	---	25.48	0.00	973.32	0.105	---
19	983.59	7/3/2007	11.50	---	0.00	---	17.70	0.00	972.09	---	---
19	983.59	7/11/2007	11.28	---	0.00	---	17.70	0.00	972.31	---	---
19	983.59	7/17/2007	11.52	---	0.00	---	17.68	0.00	972.07	---	---
19	983.59	7/26/2007	11.60	---	0.00	---	17.70	0.00	971.99	---	---
19	983.59	8/1/2007	11.64	---	0.00	---	17.70	0.00	971.95	---	---
19	983.59	8/8/2007	11.60	---	0.00	---	17.68	0.00	971.99	---	---
19	983.59	8/15/2007	11.70	---	0.00	---	17.68	0.00	971.89	---	---
19	983.59	8/20/2007	11.50	---	0.00	---	17.68	0.00	972.09	---	---
19	983.59	8/29/2007	11.90	---	0.00	---	17.68	0.00	971.69	---	---
19	983.59	9/5/2007	11.98	---	0.00	---	17.68	0.00	971.61	---	---
19	983.59	9/12/2007	11.50	---	0.00	---	17.68	0.00	972.09	---	---
19	983.59	9/18/2007	11.90	---	0.00	---	17.66	0.00	971.69	---	---
19	983.59	9/26/2007	12.00	---	0.00	---	17.68	0.00	971.59	---	---
19	983.59	10/3/2007	12.05	---	0.00	---	17.68	0.00	971.54	---	---
19	983.59	10/10/2007	12.00	---	0.00	---	17.67	0.00	971.59	---	---
19	983.59	10/17/2007	11.90	---	0.00	---	17.65	0.00	971.69	---	---
19	983.59	10/24/2007	11.70	---	0.00	---	17.64	0.00	971.89	---	---
19	983.59	10/29/2007	11.25	---	0.00	---	17.60	0.00	972.34	---	---
19	983.59	10/30/2007	11.41	---	0.00	---	17.60	0.00	972.18	---	---

Table E-2
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)	
19	983.59	11/7/2007	11.40	---	0.00	---	17.58	0.00	972.19	---	---	
19	983.59	11/14/2007	11.54	---	0.00	---	17.55	0.00	972.05	---	---	
19	983.59	11/19/2007	11.40	---	0.00	---	17.56	0.00	972.19	---	---	
19	983.59	11/19/2007	11.40	---	0.00	---	17.56	0.00	972.19	---	---	
19	983.59	11/29/2007	11.10	---	0.00	---	17.58	0.00	972.49	---	---	
19	983.59	12/5/2007	11.38	---	0.00	---	17.60	0.00	972.21	---	---	
19	983.59	12/10/2007	11.52	---	0.00	---	17.60	0.00	972.07	---	---	
19	983.59	12/19/2007	Frozen Over				---	NA	NA	NA	---	---
19	983.59	12/26/2007	10.73	---	0.00	---	17.58	0.00	972.86	---	---	
28	991.86	10/30/2007	18.28	---	0.00	---	21.18	0.00	973.58	---	---	
29	991.59	9/24/2007	19.80	19.05	0.75	---	21.98	0.00	972.49	0.463	---	
29	991.59	10/30/2007	19.75	18.88	0.87	---	21.96	0.00	972.65	---	---	
30	989.34	9/24/2007	16.66	14.01	2.65	---	22.30	0.00	975.14	1.573	---	
30	989.34	10/30/2007	15.84	13.55	2.29	---	22.40	0.00	975.63	---	---	
31	990.60	10/30/2007	15.21	---	0.00	---	22.90	0.00	975.39	---	---	
32	990.81	10/30/2007	12.80	---	0.00	---	16.58	0.00	978.01	---	---	
34	982.54	10/31/2007	Dry at 8.88 (feet BMP)			---	8.88	NA	NA	---	---	
35	982.81	10/31/2007	10.10	---	0.00	---	12.15	0.00	972.71	---	---	
36	983.02	10/31/2007	9.58	---	0.00	---	13.40	0.00	973.44	---	---	
37	980.37	10/31/2007	7.02	---	0.00	---	12.25	0.00	973.35	---	---	
38	980.77	10/31/2007	6.25	---	0.00	---	13.65	0.00	974.52	---	---	
42	988.33	9/24/2007	14.47	14.46	0.01	---	18.74	0.00	973.87	0.006	---	
42	988.33	10/30/2007	14.40	---	0.00	---	18.75	0.00	973.93	---	---	
43	989.67	9/24/2007	15.86	15.85	0.01	---	22.48	0.00	973.82	0.006	---	
43	989.67	10/30/2007	15.24	---	0.00	---	22.48	0.00	974.43	---	---	
44	988.33	10/30/2007	13.90	---	0.00	---	18.99	0.00	974.43	---	---	
47	991.09	9/24/2007	20.05	18.56	1.49	---	23.10	0.00	972.43	0.919	---	
47	991.09	10/30/2007	19.00	18.42	0.58	---	23.10	0.00	972.63	---	---	
48	992.39	7/16/2007	17.01	15.80	1.21	---	22.64	0.00	976.51	0.747	---	
48	992.39	8/20/2007	17.22	16.40	0.82	---	22.50	0.00	975.93	0.506	---	
48	992.39	9/24/2007	17.73	16.61	1.12	---	22.62	0.00	975.70	0.691	---	
48	992.39	10/30/2007	18.25	16.28	1.97	---	22.68	0.00	975.97	---	---	
48	992.39	11/19/2007	17.85	16.20	1.65	---	22.60	0.00	976.07	1.018	---	
48	992.39	12/10/2007	17.90	16.12	1.78	---	22.62	0.00	976.15	1.098	---	
50	985.79	7/16/2007	10.93	10.80	0.13	---	23.45	0.00	974.98	---	---	
50	985.79	9/24/2007	11.70	11.62	0.08	---	23.45	0.00	974.16	0.049	---	

Table E-2
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
50	985.79	10/30/2007	11.88	11.78	0.10	---	23.40	0.00	974.00	---	---
51	985.38	10/30/2007	12.32	---	0.00	---	23.90	0.00	973.06	---	---
52	985.18	10/30/2007	12.52	---	0.00	---	24.00	0.00	972.66	---	---
53	986.90	7/16/2007	14.50	---	0.00	---	25.56	0.00	972.40	---	---
53	986.90	10/30/2007	14.50	---	0.00	---	25.50	0.00	972.40	---	---
54	985.78	10/30/2007	13.70	---	0.00	---	25.62	0.00	972.08	---	---
55	989.45	7/16/2007	17.20	16.75	0.45	---	30.05	0.00	972.67	0.278	---
55	989.45	8/20/2007	18.15	17.03	1.12	---	30.03	0.00	972.34	0.691	---
55	989.45	9/24/2007	19.10	17.20	1.90	---	30.20	0.00	972.12	1.172	---
55	989.45	10/30/2007	17.54	16.96	0.58	---	30.02	0.00	972.45	---	---
55	989.45	11/19/2007	17.20	16.72	0.48	---	30.02	0.00	972.70	0.296	---
55	989.45	12/10/2007	18.00	16.92	1.08	---	30.03	0.00	972.45	0.666	---
57	989.80	10/30/2007	14.36	---	0.00	---	27.24	0.00	975.44	---	---
58	985.79	9/24/2007	13.98	13.90	0.08	---	23.82	0.00	971.88	0.049	---
58	985.79	10/30/2007	13.48	13.45	0.03	---	23.80	0.00	972.34	---	---
59	986.32	10/30/2007	15.10	---	0.00	---	26.10	0.00	971.22	---	---
64	984.98	10/25/2007	13.31	---	0.00	---	20.80	0.00	971.67	---	---
64	984.98	10/30/2007	12.99	---	0.00	---	21.10	0.00	971.99	---	---
01R	992.72	10/31/2007	13.84	---	0.00	---	24.66	0.00	978.88	---	---
09R	986.88	10/31/2007	Dry at 19.58 (feet BMP)				19.58	NA	NA	---	---
16R	987.10	10/30/2007	13.90	---	0.00	---	26.50	0.00	973.20	---	---
25R	998.31	7/17/2007	25.22	20.20	5.02	---	30.70	0.00	977.76	3.097	---
25R	998.31	8/20/2007	24.10	21.40	2.70	---	30.70	0.00	976.72	1.666	---
25R	998.31	9/24/2007	24.76	22.30	2.46	---	30.70	0.00	975.84	1.518	---
25R	998.31	10/31/2007	23.81	22.75	1.06	---	30.70	0.00	975.49	---	---
25R	998.31	11/19/2007	23.60	22.50	1.10	---	30.70	0.00	975.73	0.679	---
25R	998.31	12/10/2007	23.20	22.30	0.90	---	30.68	0.00	975.95	0.555	---
26RR	1,000.58	7/16/2007	21.62	21.55	0.07	---	28.45	0.00	979.03	---	---
26RR	1,000.58	8/20/2007	22.85	22.80	0.05	---	28.48	0.00	977.78	---	---
26RR	1,000.58	9/25/2007	24.25	24.15	0.10	---	28.48	0.00	976.42	0.062	---
26RR	1,000.58	10/31/2007	24.88	24.80	0.08	---	28.45	0.00	975.77	---	---
26RR	1,000.58	11/19/2007	24.55	24.53	0.02	---	28.45	0.00	976.05	---	---
26RR	1,000.58	12/11/2007	24.24	24.20	0.04	---	26.45	0.00	976.38	---	---
3-6C-EB-14	984.20	10/30/2007	16.75	---	0.00	---	21.57	0.00	967.45	---	---
3-6C-EB-14	984.20	12/4/2007	11.60	---	0.00	---	21.62	0.00	972.60	---	---
3-6C-EB-22	986.94	7/16/2007	14.40	---	0.00	---	20.02	0.00	972.54	---	---

Table E-2
 Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
 For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
 Plant Site 1 Groundwater Management Area
 General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
3-6C-EB-22	986.94	8/20/2007	14.64	---	0.00	---	20.02	0.00	972.30	---	---
3-6C-EB-22	986.94	9/18/2007	14.65	---	0.00	---	20.01	0.00	972.29	---	---
3-6C-EB-22	986.94	10/30/2007	14.29	---	0.00	---	20.05	0.00	972.65	---	---
3-6C-EB-22	986.94	11/19/2007	14.07	---	0.00	---	20.00	0.00	972.87	---	---
3-6C-EB-22	986.94	12/10/2007	14.38	---	0.00	---	20.01	0.00	972.56	---	---
3-6C-EB-25	986.31	10/30/2007	13.48	---	0.00	---	25.10	0.00	972.83	---	---
3-6C-EB-28	985.79	10/30/2007	13.21	---	0.00	---	24.55	0.00	972.58	---	---
40R	991.60	7/16/2007	Dry at 13.05 (feet BMP)				13.05	NA	NA	---	---
40R	991.60	8/20/2007	Dry at 13.08 (feet BMP)				13.08	NA	NA	---	---
40R	991.60	11/19/2007	Dry at 13.10 (feet BMP)				13.10	NA	NA	---	---
40R	991.60	12/10/2007	Dry at 13.10 (feet BMP)				13.10	NA	NA	---	---
49R	988.71	7/16/2007	15.75	---	0.00	---	24.88	0.00	972.96	---	---
49R	988.71	8/20/2007	16.18	---	0.00	---	24.88	0.00	972.53	---	---
49R	988.71	9/18/2007	16.30	---	0.00	---	24.88	0.00	972.41	---	---
49R	988.71	10/30/2007	16.04	---	0.00	---	24.88	0.00	972.67	---	---
49R	988.71	11/19/2007	15.80	---	0.00	---	24.88	0.00	972.91	---	---
49R	988.71	12/10/2007	16.00	---	0.00	---	24.88	0.00	972.71	---	---
49RR	989.80	7/16/2007	16.80	---	0.00	---	23.04	0.00	973.00	---	---
49RR	989.80	8/20/2007	17.20	---	0.00	---	23.02	0.00	972.60	---	---
49RR	989.80	9/18/2007	17.40	---	0.00	---	23.05	0.00	972.40	---	---
49RR	989.80	10/30/2007	17.20	---	0.00	---	23.05	0.00	972.60	---	---
49RR	989.80	11/19/2007	16.92	---	0.00	---	23.04	0.00	972.88	---	---
49RR	989.80	12/10/2007	17.10	---	0.00	---	23.02	0.00	972.70	---	---
64R	993.37	7/5/2007	16.61	16.60	0.01	---	20.50	0.00	976.77	---	---
64R	993.37	7/10/2007	15.60	15.59	0.01	---	20.50	0.00	977.78	---	---
64R	993.37	7/18/2007	16.71	16.70	0.01	---	20.50	0.00	976.67	---	---
64R	993.37	7/26/2007	15.65	P	< 0.01	---	20.50	0.00	977.72	---	---
64R	993.37	8/1/2007	15.91	15.90	0.01	---	20.50	0.00	977.47	---	---
64R	993.37	8/9/2007	16.11	16.10	0.01	---	20.50	0.00	977.27	---	---
64R	993.37	8/14/2007	16.10	P	< 0.01	---	20.50	0.00	977.27	---	---
64R	993.37	8/21/2007	16.34	16.33	0.01	---	20.50	0.00	977.04	---	---
64R	993.37	8/30/2007	16.61	P	< 0.01	---	20.50	0.00	976.76	---	---
64R	993.37	9/4/2007	16.80	16.79	0.01	---	20.50	0.00	976.58	---	---
64R	993.37	9/13/2007	16.73	P	< 0.01	---	20.50	0.00	976.64	---	---
64R	993.37	9/18/2007	16.80	16.79	0.01	---	20.50	0.00	976.58	---	---
64R	993.37	9/27/2007	17.13	17.12	0.01	---	20.50	0.00	976.25	---	---

Table E-2
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 For East Street Area 2 - South

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
64R	993.37	10/2/2007	17.27	17.26	0.01	---	20.50	0.00	976.11	---	---
64R	993.37	10/9/2007	17.43	17.42	0.01	---	20.50	0.00	975.95	---	---
64R	993.37	10/16/2007	17.51	17.50	0.01	---	20.50	0.00	975.87	---	---
64R	993.37	10/23/2007	17.30	17.29	0.01	---	20.50	0.00	976.08	---	---
64R	993.37	10/30/2007	16.90	P	< 0.01	---	20.50	0.00	976.47	---	---
64R	993.37	11/7/2007	17.03	P	< 0.01	---	20.50	0.00	976.34	---	---
64R	993.37	11/13/2007	17.00	P	< 0.01	---	20.50	0.00	976.37	---	---
64R	993.37	11/20/2007	16.60	P	< 0.01	---	20.50	0.00	976.77	---	---
64R	993.37	11/27/2007	16.61	P	< 0.01	---	20.50	0.00	976.76	---	---
64R	993.37	12/4/2007	16.64	P	< 0.01	---	20.50	0.00	976.73	---	---
64R	993.37	12/10/2007	16.70	P	< 0.01	---	20.50	0.00	976.67	---	---
64R	993.37	12/18/2007	16.68	P	< 0.01	---	20.50	0.00	976.69	---	---
64R	993.37	12/27/2007	15.38	P	< 0.01	---	20.50	0.00	977.99	---	---
64S	984.48	7/5/2007	19.19	---	0.00	P	28.70	< 0.01	965.29	---	---
64S	984.48	7/10/2007	10.10	---	0.00	---	28.70	0.00	974.38	---	---
64S	984.48	7/18/2007	19.10	P	< 0.01	---	28.70	0.00	965.38	---	---
64S	984.48	7/27/2007	19.50	P	< 0.01	---	28.70	0.00	964.98	---	---
64S	984.48	8/1/2007	19.17	P	< 0.01	---	28.70	0.00	965.31	---	---
64S	984.48	8/9/2007	19.20	---	0.00	P	28.70	< 0.01	965.28	---	---
64S	984.48	8/14/2007	19.21	---	0.00	P	28.70	< 0.01	965.27	---	---
64S	984.48	8/21/2007	19.12	---	0.00	P	28.70	< 0.01	965.36	---	---
64S	984.48	8/30/2007	19.11	---	0.00	P	28.70	< 0.01	965.37	---	---
64S	984.48	9/4/2007	19.18	P	< 0.01	---	28.70	0.00	965.30	---	---
64S	984.48	9/13/2007	19.15	---	0.00	P	28.70	< 0.01	965.33	---	---
64S	984.48	9/18/2007	19.10	P	< 0.01	P	28.70	< 0.01	965.38	---	---
64S	984.48	9/27/2007	19.10	---	0.00	P	28.70	< 0.01	965.38	---	---
64S	984.48	10/2/2007	19.18	---	0.00	P	28.70	< 0.01	965.30	---	---
64S	984.48	10/9/2007	19.30	P	< 0.01	P	28.70	< 0.01	965.18	---	---
64S	984.48	10/16/2007	19.90	---	0.00	P	28.70	< 0.01	964.58	---	---
64S	984.48	10/23/2007	19.16	---	0.00	P	28.70	< 0.01	965.32	---	---
64S	984.48	10/30/2007	19.18	---	0.00	P	28.70	< 0.01	965.30	---	---
64S	984.48	11/7/2007	19.15	---	0.00	---	28.70	0.00	965.33	---	---
64S	984.48	11/13/2007	19.12	P	< 0.01	---	28.70	0.00	965.36	---	---
64S	984.48	11/20/2007	19.21	---	0.00	P	28.70	< 0.01	965.27	---	---
64S	984.48	11/27/2007	19.20	---	0.00	P	28.70	< 0.01	965.28	---	---
64S	984.48	12/4/2007	19.10	---	0.00	P	28.70	< 0.01	965.38	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
64S	984.48	12/10/2007	19.11	---	0.00	P	28.70	< 0.01	965.37	---	---
64S	984.48	12/18/2007	19.28	---	0.00	P	28.70	< 0.01	965.20	---	---
64S	984.48	12/27/2007	19.20	---	0.00	P	28.70	< 0.01	965.28	---	---
64S-Caisson	NA	7/5/2007	10.65	10.63	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	7/10/2007	9.43	9.40	0.03	---	14.55	0.00	NA	---	---
64S-Caisson	NA	7/18/2007	10.50	10.48	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	7/27/2007	10.61	10.59	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	8/1/2007	10.80	10.74	0.06	---	14.55	0.00	NA	---	---
64S-Caisson	NA	8/9/2007	10.70	10.68	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	8/14/2007	10.70	10.68	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	8/21/2007	10.70	10.69	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	8/30/2007	10.88	10.73	0.15	---	14.55	0.00	NA	---	---
64S-Caisson	NA	9/4/2007	10.70	10.69	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	9/13/2007	10.70	10.63	0.07	---	14.55	0.00	NA	---	---
64S-Caisson	NA	9/18/2007	10.92	10.89	0.03	---	14.55	0.00	NA	---	---
64S-Caisson	NA	9/27/2007	11.30	11.10	0.20	---	14.55	0.00	NA	---	---
64S-Caisson	NA	10/2/2007	11.19	11.15	0.04	---	14.55	0.00	NA	---	---
64S-Caisson	NA	10/9/2007	12.00	11.83	0.17	---	14.55	0.00	NA	---	---
64S-Caisson	NA	10/16/2007	11.20	11.18	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	10/23/2007	10.70	10.69	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	10/30/2007	10.65	10.64	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	11/7/2007	10.70	10.69	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	11/13/2007	10.70	10.68	0.02	---	14.55	0.00	NA	---	---
64S-Caisson	NA	11/20/2007	10.63	10.62	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	11/27/2007	10.61	10.60	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	12/4/2007	10.70	10.69	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	12/10/2007	10.61	10.60	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	12/18/2007	10.68	10.67	0.01	---	14.55	0.00	NA	---	---
64S-Caisson	NA	12/27/2007	10.75	10.68	0.07	---	14.55	0.00	NA	---	---
64V	987.29	7/5/2007	21.60	21.40	0.20	P	29.60	< 0.01	965.88	---	---
64V	987.29	7/10/2007	21.55	21.45	0.10	P	29.60	< 0.01	965.83	---	---
64V	987.29	7/18/2007	18.90	18.30	0.60	P	29.60	< 0.01	968.95	---	---
64V	987.29	7/26/2007	18.60	18.18	0.42	P	29.60	< 0.01	969.08	---	---
64V	987.29	8/1/2007	18.60	17.80	0.80	P	29.60	< 0.01	969.43	---	---
64V	987.29	8/9/2007	19.40	18.70	0.70	P	29.60	< 0.01	968.54	---	---
64V	987.29	8/14/2007	20.00	19.20	0.80	P	29.60	< 0.01	968.03	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
64V	987.29	8/21/2007	18.20	18.09	0.11	P	29.60	< 0.01	969.19	---	---
64V	987.29	8/30/2007	18.60	18.00	0.60	---	29.60	0.00	969.25	---	---
64V	987.29	9/4/2007	18.80	18.60	0.20	---	29.60	0.00	968.68	---	---
64V	987.29	9/13/2007	19.70	19.10	0.60	P	29.60	< 0.01	968.15	---	---
64V	987.29	9/18/2007	19.18	18.60	0.58	P	29.60	< 0.01	968.65	---	---
64V	987.29	9/27/2007	19.90	19.40	0.50	P	29.60	< 0.01	967.86	---	---
64V	987.29	10/2/2007	20.40	19.80	0.60	P	29.60	< 0.01	967.45	---	---
64V	987.29	10/9/2007	19.60	19.40	0.20	P	29.60	< 0.01	967.88	---	---
64V	987.29	10/16/2007	20.80	20.20	0.60	P	29.60	< 0.01	967.05	---	---
64V	987.29	10/23/2007	19.80	19.00	0.80	P	29.60	< 0.01	968.23	---	---
64V	987.29	10/30/2007	19.80	19.20	0.60	P	29.60	< 0.01	968.05	---	---
64V	987.29	11/7/2007	20.70	20.05	0.65	P	29.60	< 0.01	967.19	---	---
64V	987.29	11/13/2007	19.80	19.02	0.78	P	29.60	< 0.01	968.22	---	---
64V	987.29	11/20/2007	20.70	19.40	1.30	P	29.60	< 0.01	967.80	---	---
64V	987.29	11/27/2007	20.40	19.90	0.50	P	29.60	< 0.01	967.36	---	---
64V	987.29	12/4/2007	20.80	19.70	1.10	P	29.60	< 0.01	967.51	---	---
64V	987.29	12/10/2007	21.20	20.20	1.00	P	29.60	< 0.01	967.02	---	---
64V	987.29	12/18/2007	19.90	19.60	0.30	P	29.60	< 0.01	967.67	---	---
64V	987.29	12/27/2007	21.90	19.25	2.65	29.41	29.60	0.19	967.85	---	---
64X(N)	984.83	7/5/2007	12.35	12.34	0.01	---	15.85	0.00	972.49	---	---
64X(N)	984.83	7/10/2007	12.30	12.29	0.01	---	15.85	0.00	972.54	---	---
64X(N)	984.83	7/18/2007	12.36	12.35	0.01	---	15.85	0.00	972.48	---	---
64X(N)	984.83	7/26/2007	12.29	12.28	0.01	---	15.85	0.00	972.55	---	---
64X(N)	984.83	8/1/2007	12.65	12.64	0.01	---	15.85	0.00	972.19	---	---
64X(N)	984.83	8/9/2007	12.78	12.77	0.01	---	15.85	0.00	972.06	---	---
64X(N)	984.83	8/14/2007	12.81	12.80	0.01	---	15.85	0.00	972.03	---	---
64X(N)	984.83	8/21/2007	12.97	12.96	0.01	---	15.85	0.00	971.87	---	---
64X(N)	984.83	8/30/2007	13.10	13.09	0.01	---	15.85	0.00	971.74	---	---
64X(N)	984.83	9/4/2007	13.20	13.19	0.01	---	15.85	0.00	971.64	---	---
64X(N)	984.83	9/13/2007	12.80	12.79	0.01	---	15.85	0.00	972.04	---	---
64X(N)	984.83	9/18/2007	13.13	13.12	0.01	---	15.85	0.00	971.71	---	---
64X(N)	984.83	9/27/2007	13.31	13.30	0.01	---	15.85	0.00	971.53	---	---
64X(N)	984.83	10/2/2007	13.38	13.37	0.01	---	15.85	0.00	971.46	---	---
64X(N)	984.83	10/9/2007	13.40	13.39	0.01	---	15.85	0.00	971.44	---	---
64X(N)	984.83	10/16/2007	13.26	13.25	0.01	---	15.85	0.00	971.58	---	---
64X(N)	984.83	10/23/2007	13.02	13.01	0.01	---	15.85	0.00	971.82	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
64X(N)	984.83	10/30/2007	12.64	12.63	0.01	---	15.85	0.00	972.20	---	---
64X(N)	984.83	11/7/2007	12.89	12.88	0.01	---	15.85	0.00	971.95	---	---
64X(N)	984.83	11/13/2007	13.02	13.00	0.02	---	15.85	0.00	971.83	---	---
64X(N)	984.83	11/20/2007	12.63	12.62	0.01	---	15.85	0.00	972.21	---	---
64X(N)	984.83	11/27/2007	12.70	12.69	0.01	---	15.85	0.00	972.14	---	---
64X(N)	984.83	12/4/2007	12.80	12.79	0.01	---	15.85	0.00	972.04	---	---
64X(N)	984.83	12/10/2007	12.90	12.89	0.01	---	15.85	0.00	971.94	---	---
64X(N)	984.83	12/18/2007	12.70	12.69	0.01	---	15.85	0.00	972.14	---	---
64X(N)	984.83	12/27/2007	11.91	11.90	0.01	---	15.85	0.00	972.93	---	---
64X(S)	981.56	7/5/2007	15.50	15.46	0.04	---	23.82	0.00	966.10	---	---
64X(S)	981.56	7/10/2007	14.45	14.42	0.03	---	23.82	0.00	967.14	---	---
64X(S)	981.56	7/18/2007	15.61	15.56	0.05	---	23.82	0.00	966.00	---	---
64X(S)	981.56	7/26/2007	15.56	15.25	0.31	---	23.82	0.00	966.29	---	---
64X(S)	981.56	8/1/2007	15.65	15.63	0.02	---	23.82	0.00	965.93	---	---
64X(S)	981.56	8/9/2007	15.83	15.80	0.03	---	23.82	0.00	965.76	---	---
64X(S)	981.56	8/14/2007	15.92	15.90	0.02	---	23.82	0.00	965.66	---	---
64X(S)	981.56	8/21/2007	16.09	16.07	0.02	---	23.82	0.00	965.49	---	---
64X(S)	981.56	8/30/2007	16.30	16.21	0.09	---	23.82	0.00	965.34	---	---
64X(S)	981.56	9/4/2007	16.12	16.10	0.02	---	23.82	0.00	965.46	---	---
64X(S)	981.56	9/13/2007	16.82	16.80	0.02	---	23.82	0.00	964.76	---	---
64X(S)	981.56	9/18/2007	16.23	16.19	0.04	---	23.82	0.00	965.37	---	---
64X(S)	981.56	9/27/2007	18.10	17.40	0.70	---	23.82	0.00	964.11	---	---
64X(S)	981.56	10/2/2007	16.45	16.32	0.13	---	23.82	0.00	965.23	---	---
64X(S)	981.56	10/9/2007	16.43	16.40	0.03	---	23.82	0.00	965.16	---	---
64X(S)	981.56	10/16/2007	16.30	16.21	0.09	---	23.82	0.00	965.34	---	---
64X(S)	981.56	10/23/2007	17.20	16.80	0.40	---	23.82	0.00	964.73	---	---
64X(S)	981.56	10/30/2007	16.53	16.50	0.03	---	23.82	0.00	965.06	---	---
64X(S)	981.56	11/7/2007	16.67	16.59	0.08	---	23.82	0.00	964.96	---	---
64X(S)	981.56	11/13/2007	16.00	15.86	0.14	---	23.82	0.00	965.69	---	---
64X(S)	981.56	11/20/2007	14.20	14.11	0.09	---	23.82	0.00	967.44	---	---
64X(S)	981.56	11/27/2007	15.52	15.50	0.02	---	23.82	0.00	966.06	---	---
64X(S)	981.56	12/4/2007	16.70	16.68	0.02	---	23.82	0.00	964.88	---	---
64X(S)	981.56	12/10/2007	15.90	15.83	0.07	---	23.82	0.00	965.73	---	---
64X(S)	981.56	12/18/2007	15.65	15.61	0.04	---	23.82	0.00	965.95	---	---
64X(S)	981.56	12/27/2007	14.82	14.80	0.02	---	23.82	0.00	966.76	---	---
64X(W)	984.87	7/5/2007	18.58	18.50	0.08	---	24.35	0.00	966.36	---	---

Table E-2
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
64X(W)	984.87	7/10/2007	18.51	18.50	0.01	---	24.35	0.00	966.37	---	---
64X(W)	984.87	7/18/2007	18.60	18.59	0.01	---	24.35	0.00	966.28	---	---
64X(W)	984.87	7/26/2007	18.64	18.47	0.17	---	24.35	0.00	966.39	---	---
64X(W)	984.87	8/1/2007	18.80	18.79	0.01	---	24.35	0.00	966.08	---	---
64X(W)	984.87	8/9/2007	19.00	18.98	0.02	---	24.35	0.00	965.89	---	---
64X(W)	984.87	8/14/2007	19.11	19.10	0.01	---	24.35	0.00	965.77	---	---
64X(W)	984.87	8/21/2007	19.30	19.27	0.03	---	24.35	0.00	965.60	---	---
64X(W)	984.87	8/30/2007	19.55	19.47	0.08	---	24.35	0.00	965.39	---	---
64X(W)	984.87	9/4/2007	19.30	19.27	0.03	---	24.35	0.00	965.60	---	---
64X(W)	984.87	9/13/2007	19.10	19.06	0.04	---	24.35	0.00	965.81	---	---
64X(W)	984.87	9/18/2007	19.49	19.39	0.10	---	24.35	0.00	965.47	---	---
64X(W)	984.87	9/27/2007	19.50	19.47	0.03	---	24.35	0.00	965.40	---	---
64X(W)	984.87	10/2/2007	19.55	19.49	0.06	---	24.35	0.00	965.38	---	---
64X(W)	984.87	10/9/2007	19.64	19.55	0.09	---	24.35	0.00	965.31	---	---
64X(W)	984.87	10/16/2007	19.45	19.38	0.07	---	24.35	0.00	965.49	---	---
64X(W)	984.87	10/23/2007	19.25	19.20	0.05	---	24.35	0.00	965.67	---	---
64X(W)	984.87	10/30/2007	18.93	18.72	0.21	---	24.35	0.00	966.14	---	---
64X(W)	984.87	11/7/2007	18.90	18.84	0.06	---	24.35	0.00	966.03	---	---
64X(W)	984.87	11/13/2007	19.15	19.00	0.15	---	24.35	0.00	965.86	---	---
64X(W)	984.87	11/20/2007	18.70	18.63	0.07	---	24.35	0.00	966.24	---	---
64X(W)	984.87	11/27/2007	18.72	18.70	0.02	---	24.35	0.00	966.17	---	---
64X(W)	984.87	12/4/2007	18.90	18.88	0.02	---	24.35	0.00	965.99	---	---
64X(W)	984.87	12/10/2007	19.10	19.07	0.03	---	24.35	0.00	965.80	---	---
64X(W)	984.87	12/18/2007	18.91	18.87	0.04	---	24.35	0.00	966.00	---	---
64X(W)	984.87	12/27/2007	18.08	17.99	0.09	---	24.35	0.00	966.87	---	---
95-01	983.77	7/16/2007	10.68	---	0.00	---	17.20	0.00	973.09	---	---
95-01	983.77	8/20/2007	11.10	---	0.00	---	17.20	0.00	972.67	---	---
95-01	983.77	9/18/2007	11.20	---	0.00	---	17.20	0.00	972.57	---	---
95-01	983.77	10/30/2007	10.93	---	0.00	---	17.20	0.00	972.84	---	---
95-01	983.77	11/19/2007	10.70	---	0.00	---	17.20	0.00	973.07	---	---
95-01	983.77	12/10/2007	10.86	---	0.00	---	17.22	0.00	972.91	---	---
95-04R	988.36	7/16/2007	15.50	14.20	1.30	---	21.95	0.00	974.07	3.21	---
95-04R	988.36	8/20/2007	15.80	14.70	1.10	---	21.95	0.00	973.58	2.719	---
95-04R	988.36	9/24/2007	16.60	15.02	1.58	---	21.93	0.00	973.23	3.905	---
95-04R	988.36	10/30/2007	15.97	14.72	1.25	---	21.93	0.00	973.55	---	---
95-04R	988.36	11/19/2007	15.56	14.53	1.03	---	21.93	0.00	973.76	0.635	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
95-04R	988.36	11/27/2007	15.84	14.58	1.26	---	21.94	0.00	973.69	2.160	---
95-04R	988.36	11/28/2007	14.83	14.65	0.18	---	21.92	0.00	973.70	1.080	---
95-04R	988.36	11/29/2007	15.10	14.52	0.58	---	21.90	0.00	973.80	2.790	---
95-04R	988.36	11/30/2007	14.94	14.54	0.40	---	21.90	0.00	973.79	---	---
95-04R	988.36	12/10/2007	15.83	14.69	1.14	---	21.93	0.00	973.59	2.818	---
95-05	989.45	9/24/2007	17.35	16.80	0.55	---	20.08	0.00	972.61	0.339	---
95-05	989.45	10/30/2007	17.00	16.44	0.56	---	20.07	0.00	972.97	---	---
95-07R	994.56	7/17/2007	19.16	19.14	0.02	---	26.05	0.00	975.42	0.050	---
95-07R	994.56	8/20/2007	19.81	---	0.00	---	26.09	0.00	974.75	---	---
95-07R	994.56	9/24/2007	20.36	20.35	0.01	---	26.09	0.00	974.21	0.025	---
95-07R	994.56	10/31/2007	20.21	20.20	0.01	---	26.05	0.00	974.36	---	---
95-07R	994.56	11/19/2007	20.01	---	0.00	---	26.05	0.00	974.55	---	---
95-07R	994.56	12/10/2007	20.05	---	0.00	---	26.02	0.00	974.51	---	---
E2SC-03I*	982.12	7/17/2007	9.85	---	0.00	38.78	42.35	3.57	972.27	---	2.20
E2SC-03I*	982.12	8/21/2007	10.40	---	0.00	37.90	42.24	4.34	971.72	---	2.678
E2SC-03I*	982.12	9/25/2007	10.50	---	0.00	38.10	42.21	4.11	971.62	---	2.536
E2SC-03I*	982.12	10/30/2007	9.90	---	0.00	38.95	42.20	3.25	972.22	---	---
E2SC-03I*	982.12	11/27/2007	9.60	---	0.00	38.50	42.29	3.79	972.52	---	2.338
E2SC-03I*	982.12	12/11/2007	10.50	---	0.00	38.70	42.22	3.52	971.62	---	2.172
E2SC-17*	985.38	7/17/2007	12.21	---	0.00	---	45.72	0.00	973.17	---	---
E2SC-17*	985.38	8/21/2007	12.50	---	0.00	---	45.75	0.00	972.88	---	---
E2SC-17*	985.38	10/30/2007	12.21	---	0.00	---	45.75	0.00	973.17	---	---
E2SC-17*	985.38	11/27/2007	12.05	---	0.00	---	45.75	0.00	973.33	---	---
E2SC-17*	985.38	12/11/2007	12.45	---	0.00	---	45.73	0.00	972.93	---	---
E2SC-21	981.70	10/30/2007	Dry at 8.30 (feet BMP)				8.30	NA	NA	---	---
E2SC-23	992.07	7/16/2007	17.21	---	0.00	---	21.16	0.00	974.86	---	---
E2SC-23	992.07	8/20/2007	18.13	---	0.00	---	21.15	0.00	973.94	---	---
E2SC-23	992.07	9/18/2007	18.60	---	0.00	---	21.15	0.00	973.47	---	---
E2SC-23	992.07	10/24/07	19.18	---	0.00	---	21.26	0.00	972.89	---	---
E2SC-23	992.07	10/30/2007	19.00	---	0.00	---	21.16	0.00	973.07	---	---
E2SC-23	992.07	11/19/2007	18.68	---	0.00	---	21.15	0.00	973.39	---	---
E2SC-23	992.07	12/10/2007	18.45	---	0.00	---	21.15	0.00	973.62	---	---
E2SC-24	987.90	7/16/2007	15.90	---	0.00	---	21.62	0.00	972.00	---	---
E2SC-24	987.90	8/20/2007	16.23	---	0.00	---	21.62	0.00	971.67	---	---
E2SC-24	987.90	9/18/2007	16.30	---	0.00	---	21.60	0.00	971.60	---	---
E2SC-24	987.90	10/24/07	16.08	---	0.00	---	21.60	0.00	971.82	---	---

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General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
E2SC-24	987.90	10/30/2007	15.73	---	0.00	---	21.61	0.00	972.17	---	---
E2SC-24	987.90	11/19/2007	15.53	---	0.00	---	21.61	0.00	972.37	---	---
E2SC-24	987.90	12/10/2007	15.90	---	0.00	---	21.62	0.00	972.00	---	---
ES2-01	985.36	10/30/2007	12.88	---	0.00	---	34.18	0.00	972.48	---	---
ES2-02A	979.63	10/25/2007	7.20	---	0.00	---	17.48	0.00	972.43	---	---
ES2-02A	979.63	10/30/2007	6.95	---	0.00	---	17.54	0.00	972.68	---	---
ES2-05	990.65	10/30/2007	17.37	---	0.00	---	24.33	0.00	973.28	---	---
ES2-06	986.00	7/16/2007	13.11	---	0.00	---	34.54	0.00	972.89	---	---
ES2-06	986.00	8/20/2007	13.90	---	0.00	---	34.52	0.00	972.10	---	---
ES2-06	986.00	9/18/2007	14.07	14.05	0.02	---	34.52	0.00	971.95	---	---
ES2-06	986.00	10/30/2007	13.60	---	0.00	---	34.50	0.00	972.40	---	---
ES2-06	986.00	11/19/2007	13.40	---	0.00	---	34.53	0.00	972.60	---	---
ES2-06	986.00	12/10/2007	13.82	---	0.00	---	34.55	0.00	972.18	---	---
ES2-08	994.87	10/30/2007	22.30	---	0.00	---	24.80	0.00	972.57	---	---
ES2-09	991.25	10/31/2007	Destroyed				NA	NA	NA	---	---
ES2-11	985.05	10/30/2007	Could not locate/ covered by concrete block				NA	NA	NA	---	---
ES2-16	986.88	10/30/2007	11.78	---	0.00	---	17.30	0.00	975.10	---	---
ES2-18	986.86	10/30/2007	14.16	---	0.00	---	21.87	0.00	972.70	---	---
GMA1-13	991.41	10/12/2007	19.21	---	0.00	---	26.95	0.00	972.20	---	---
GMA1-13	991.41	10/30/2007	18.75	---	0.00	---	27.13	0.00	972.66	---	---
GMA1-14	997.43	7/3/2007	18.50	---	0.00	---	23.03	0.00	978.93	---	---
GMA1-14	997.43	7/11/2007	18.75	---	0.00	---	23.05	0.00	978.68	---	---
GMA1-14	997.43	7/17/2007	18.93	---	0.00	---	23.04	0.00	978.50	---	---
GMA1-14	997.43	7/26/2007	19.20	---	0.00	---	23.02	0.00	978.23	---	---
GMA1-14	997.43	8/1/2007	19.40	---	0.00	---	23.02	0.00	978.03	---	---
GMA1-14	997.43	8/8/2007	19.71	---	0.00	---	23.02	0.00	977.72	---	---
GMA1-14	997.43	8/15/2007	19.92	19.90	0.02	---	23.05	0.00	977.53	0.012	---
GMA1-14	997.43	8/20/2007	20.10	---	0.00	---	23.03	0.00	977.33	---	---
GMA1-14	997.43	8/29/2007	20.50	---	0.00	---	23.04	0.00	976.93	---	---
GMA1-14	997.43	9/5/2007	20.77	20.75	0.02	---	23.02	0.00	976.68	0.012	---
GMA1-14	997.43	9/12/2007	20.91	---	0.00	---	22.95	0.00	976.52	---	---
GMA1-14	997.43	9/19/2007	20.99	20.98	0.01	---	23.02	0.00	976.45	---	---
GMA1-14	997.43	9/24/2007	21.11	21.10	0.01	---	22.98	0.00	976.33	0.006	---
GMA1-14	997.43	10/3/2007	21.43	---	0.00	---	22.94	0.00	976.00	---	---
GMA1-14	997.43	10/10/2007	21.62	---	0.00	---	22.94	0.00	975.81	---	---
GMA1-14	997.43	10/17/2007	21.75	21.73	0.02	---	22.96	0.00	975.70	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-14	997.43	10/24/2007	21.61	21.60	0.01	---	22.93	0.00	975.83	0.006	---
GMA1-14	997.43	10/29/2007	21.46	21.41	0.05	---	22.93	0.00	976.02	0.031	---
GMA1-14	997.43	11/1/2007	21.46	21.34	0.12	---	22.90	0.00	976.08	---	---
GMA1-14	997.43	11/7/2007	21.35	21.34	0.01	---	22.93	0.00	976.09	0.006	---
GMA1-14	997.43	11/14/2007	21.41	21.38	0.03	---	22.93	0.00	976.05	0.019	---
GMA1-14	997.43	11/19/2007	21.12	21.10	0.02	---	23.90	0.00	976.33	0.012	---
GMA1-14	997.43	11/29/2007	20.94	20.92	0.02	---	22.90	0.00	976.51	0.012	---
GMA1-14	997.43	12/5/2007	20.88	20.86	0.02	---	22.89	0.00	976.57	0.012	---
GMA1-14	997.43	12/10/2007	20.90	20.89	0.01	---	22.91	0.00	976.54	0.006	---
GMA1-14	997.43	12/19/2007	20.82	20.81	0.01	---	22.93	0.00	976.62	0.006	---
GMA1-14	997.43	12/26/2007	20.42	20.40	0.02	---	22.86	0.00	977.03	0.012	---
GMA1-15	988.59	7/3/2007	16.20	15.68	0.52	---	17.20	0.00	972.87	0.321	---
GMA1-15	988.59	7/11/2007	16.15	15.60	0.55	---	17.82	0.00	972.95	0.339	---
GMA1-15	988.59	7/17/2007	16.05	15.75	0.30	---	17.80	0.00	972.82	0.185	---
GMA1-15	988.59	7/26/2007	16.45	15.70	0.75	---	17.80	0.00	972.84	0.463	---
GMA1-15	988.59	8/1/2007	16.30	15.80	0.50	---	17.80	0.00	972.76	0.308	---
GMA1-15	988.59	8/8/2007	16.75	15.85	0.90	---	17.80	0.00	972.68	0.555	---
GMA1-15	988.59	8/15/2007	16.50	15.90	0.60	---	17.80	0.00	972.65	0.378	---
GMA1-15	988.59	8/20/2007	16.45	16.00	0.45	---	17.80	0.00	972.56	0.278	---
GMA1-15	988.59	8/29/2007	17.25	16.10	1.15	---	17.83	0.00	972.41	0.709	---
GMA1-15	988.59	9/5/2007	17.15	16.20	0.95	---	17.82	0.00	972.32	0.586	---
GMA1-15	988.59	9/12/2007	16.70	15.95	0.75	---	17.80	0.00	972.59	0.463	---
GMA1-15	988.59	9/19/2007	16.81	16.10	0.71	---	17.81	0.00	972.44	0.438	---
GMA1-15	988.59	9/24/2007	17.22	16.18	1.04	---	17.80	0.00	972.34	0.592	---
GMA1-15	988.59	10/3/2007	17.45	16.28	1.17	---	17.81	0.00	972.23	0.722	---
GMA1-15	988.59	10/10/2007	17.35	16.34	1.01	---	17.80	0.00	972.18	0.623	---
GMA1-15	988.59	10/17/2007	17.10	16.20	0.90	---	17.81	0.00	972.33	0.555	---
GMA1-15	988.59	10/24/2007	16.70	16.00	0.70	---	17.80	0.00	972.54	0.432	---
GMA1-15	988.59	10/29/2007	16.15	15.70	0.45	---	17.81	0.00	972.86	0.278	---
GMA1-15	988.59	11/7/2007	16.25	15.79	0.46	---	17.80	0.00	972.77	0.284	---
GMA1-15	988.59	11/14/2007	16.60	15.84	0.76	---	17.80	0.00	972.70	0.469	---
GMA1-15	988.59	11/19/2007	15.94	15.55	0.39	---	17.80	0.00	973.01	0.241	---
GMA1-15	988.59	11/29/2007	15.85	15.43	0.42	---	17.80	0.00	973.13	0.259	---
GMA1-15	988.59	12/5/2007	16.20	15.62	0.58	---	17.80	0.00	972.93	0.358	---
GMA1-15	988.59	12/10/2007	16.52	15.76	0.76	---	17.80	0.00	972.78	0.469	---
GMA1-15	988.59	12/19/2007	16.21	15.70	0.51	---	17.80	0.00	972.85	0.253	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-15	988.59	12/26/2007	15.52	15.15	0.37	---	17.80	0.00	973.41	0.228	---
GMA1-16	986.82	7/3/2007	13.50	13.41	0.09	---	19.96	0.00	973.40	0.056	---
GMA1-16	986.82	7/11/2007	13.35	13.30	0.05	---	19.97	0.00	973.52	0.031	---
GMA1-16	986.82	7/17/2007	13.80	13.56	0.24	---	19.97	0.00	973.24	0.148	---
GMA1-16	986.82	7/26/2007	13.81	13.66	0.15	---	19.96	0.00	973.15	0.093	---
GMA1-16	986.82	8/1/2007	14.00	13.70	0.30	---	19.98	0.00	973.10	0.185	---
GMA1-16	986.82	8/8/2007	13.80	13.65	0.15	---	19.97	0.00	973.16	0.093	---
GMA1-16	986.82	8/15/2007	13.88	13.85	0.03	---	19.97	0.00	972.97	0.019	---
GMA1-16	986.82	8/20/2007	14.08	13.92	0.16	---	19.97	0.00	972.89	0.099	---
GMA1-16	986.82	8/29/2007	14.20	14.04	0.16	---	19.98	0.00	972.77	0.099	---
GMA1-16	986.82	9/5/2007	14.50	14.20	0.30	---	19.98	0.00	972.60	0.185	---
GMA1-16	986.82	9/12/2007	14.08	14.05	0.03	---	19.95	0.00	972.77	0.019	---
GMA1-16	986.82	9/19/2007	14.18	14.15	0.03	---	19.98	0.00	972.67	0.019	---
GMA1-16	986.82	9/24/2007	14.35	14.25	0.10	---	19.97	0.00	972.56	0.062	---
GMA1-16	986.82	10/3/2007	14.46	14.37	0.09	---	19.96	0.00	972.44	0.056	---
GMA1-16	986.82	10/10/2007	14.46	14.45	0.01	---	29.96	0.00	972.37	0.006	---
GMA1-16	986.82	10/17/2007	14.41	14.39	0.02	---	19.97	0.00	972.43	0.012	---
GMA1-16	986.82	10/24/2007	14.25	14.24	0.01	---	19.97	0.00	972.58	0.006	---
GMA1-16	986.82	10/29/2007	13.96	13.95	0.01	---	19.96	0.00	972.87	0.006	---
GMA1-16	986.82	11/7/2007	14.06	---	0.00	---	19.98	0.00	972.76	---	---
GMA1-16	986.82	11/14/2007	13.91	13.90	0.01	---	19.97	0.00	972.92	0.006	---
GMA1-16	986.82	11/19/2007	13.68	---	0.00	---	19.96	0.00	973.14	---	---
GMA1-16	986.82	11/29/2007	13.39	13.38	0.01	---	19.97	0.00	973.44	0.006	---
GMA1-16	986.82	12/5/2007	13.61	13.60	0.01	---	19.96	0.00	973.22	0.006	---
GMA1-16	986.82	12/10/2007	13.71	---	0.00	---	19.97	0.00	973.11	---	---
GMA1-16	986.82	12/19/2007	13.67	13.66	0.01	---	19.96	0.00	973.16	0.006	---
GMA1-16	986.82	12/26/2007	13.00	---	0.00	---	19.97	0.00	973.82	---	---
GMA1-17E	993.03	7/16/2007	15.26	---	0.00	---	17.30	0.00	977.77	---	---
GMA1-17E	993.03	8/20/2007	16.10	---	0.00	---	17.30	0.00	976.93	---	---
GMA1-17E	993.03	9/24/2007	16.88	16.87	0.01	---	17.30	0.00	976.16	0.006	---
GMA1-17E	993.03	10/31/2007	15.90	---	0.00	---	17.30	0.00	977.13	---	---
GMA1-17E	993.03	11/19/2007	16.11	16.10	0.01	---	17.30	0.00	976.93	---	---
GMA1-17E	993.03	12/10/2007	16.50	16.49	0.01	---	17.30	0.00	976.54	---	---
GMA1-19	984.28	7/3/2007	11.98	11.40	0.58	---	17.12	0.00	972.84	0.358	---
GMA1-19	984.28	7/11/2007	12.15	11.32	0.83	---	17.14	0.00	972.90	0.511	---
GMA1-19	984.28	7/17/2007	12.50	11.60	0.90	---	17.13	0.00	972.62	0.555	---

Table E-2
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - South

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General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-19	984.28	7/26/2007	12.55	11.45	1.10	---	17.13	0.00	972.75	0.679	---
GMA1-19	984.28	8/1/2007	12.90	11.53	1.37	---	17.14	0.00	972.65	0.845	---
GMA1-19	984.28	8/8/2007	12.40	11.61	0.79	---	17.13	0.00	972.61	0.487	---
GMA1-19	984.28	8/15/2007	12.04	11.71	0.33	---	17.14	0.00	972.55	0.204	---
GMA1-19	984.28	8/20/2007	16.30	11.80	4.50	---	17.13	0.00	972.17	2.776	---
GMA1-19	984.28	8/29/2007	12.43	11.95	0.48	---	17.14	0.00	972.30	0.296	---
GMA1-19	984.28	9/5/2007	13.10	12.00	1.10	---	17.15	0.00	972.20	0.679	---
GMA1-19	984.28	9/12/2007	12.55	11.65	0.90	---	17.13	0.00	972.57	0.555	---
GMA1-19	984.28	9/19/2007	13.00	11.82	1.18	---	17.14	0.00	972.38	0.728	---
GMA1-19	984.28	9/24/2007	13.25	11.93	1.32	---	17.14	0.00	972.26	0.814	---
GMA1-19	984.28	10/3/2007	13.58	12.00	1.58	---	17.14	0.00	972.17	0.975	---
GMA1-19	984.28	10/10/2007	13.75	11.98	1.77	---	17.14	0.00	972.18	1.092	---
GMA1-19	984.28	10/17/2007	13.35	11.85	1.50	---	17.14	0.00	972.33	0.925	---
GMA1-19	984.28	10/24/2007	13.01	11.72	1.29	---	17.14	0.00	972.47	0.796	---
GMA1-19	984.28	10/29/2007	11.58	11.40	0.18	---	17.13	0.00	972.87	0.111	---
GMA1-19	984.28	11/7/2007	12.43	11.50	0.93	---	17.14	0.00	972.71	0.574	---
GMA1-19	984.28	11/14/2007	12.35	11.56	0.79	---	17.13	0.00	972.66	0.487	---
GMA1-19	984.28	11/19/2007	11.86	11.55	0.31	---	17.13	0.00	972.71	0.191	---
GMA1-19	984.28	11/29/2007	11.84	11.20	0.64	---	17.13	0.00	973.04	0.395	---
GMA1-19	984.28	12/5/2007	12.45	11.43	1.02	---	17.13	0.00	972.78	0.629	---
GMA1-19	984.28	12/10/2007	12.20	11.52	0.68	---	17.14	0.00	972.71	0.420	---
GMA1-19	984.28	12/19/2007	12.40	11.43	0.97	---	17.14	0.00	972.78	0.598	---
GMA1-19	984.28	12/26/2007	11.15	10.90	0.25	---	17.14	0.00	973.36	0.154	---

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General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-20	983.49	7/3/2007	11.10	---	0.00	---	17.30	0.00	972.39	---	---
GMA1-20	983.49	7/11/2007	10.95	---	0.00	---	17.30	0.00	972.54	---	---
GMA1-20	983.49	7/17/2007	11.05	---	0.00	---	17.28	0.00	972.44	---	---
GMA1-20	983.49	7/26/2007	11.10	---	0.00	---	17.30	0.00	972.39	---	---
GMA1-20	983.49	8/1/2007	11.20	---	0.00	---	17.30	0.00	972.29	---	---
GMA1-20	983.49	8/8/2007	11.20	---	0.00	---	17.30	0.00	972.29	---	---
GMA1-20	983.49	8/15/2007	11.25	---	0.00	---	17.30	0.00	972.24	---	---
GMA1-20	983.49	8/20/2007	11.38	---	0.00	---	17.30	0.00	972.11	---	---
GMA1-20	983.49	8/29/2007	11.45	---	0.00	---	17.30	0.00	972.04	---	---
GMA1-20	983.49	9/5/2007	11.55	---	0.00	---	17.30	0.00	971.94	---	---
GMA1-20	983.49	9/12/2007	11.13	---	0.00	---	17.30	0.00	972.36	---	---
GMA1-20	983.49	9/18/2007	11.40	---	0.00	---	17.30	0.00	972.09	---	---
GMA1-20	983.49	9/26/2007	11.56	---	0.00	---	17.30	0.00	971.93	---	---
GMA1-20	983.49	10/3/2007	11.61	---	0.00	---	17.30	0.00	971.88	---	---
GMA1-20	983.49	10/10/2007	11.57	---	0.00	---	17.30	0.00	971.92	---	---
GMA1-20	983.49	10/17/2007	11.46	---	0.00	---	17.30	0.00	972.03	---	---
GMA1-20	983.49	10/24/2007	11.28	---	0.00	---	17.30	0.00	972.21	---	---
GMA1-20	983.49	10/29/2007	10.85	---	0.00	---	17.30	0.00	972.64	---	---
GMA1-20	983.49	11/7/2007	10.98	---	0.00	---	17.30	0.00	972.51	---	---
GMA1-20	983.49	11/14/2007	11.15	---	0.00	---	17.30	0.00	972.34	---	---
GMA1-20	983.49	11/19/2007	10.78	---	0.00	---	17.30	0.00	972.71	---	---
GMA1-20	983.49	11/29/2007	10.70	---	0.00	---	17.30	0.00	972.79	---	---
GMA1-20	983.49	12/5/2007	10.98	---	0.00	---	17.30	0.00	972.51	---	---
GMA1-20	983.49	12/10/2007	11.10	---	0.00	---	17.30	0.00	972.39	---	---
GMA1-20	983.49	12/19/2007	10.93	---	0.00	---	17.30	0.00	972.56	---	---
GMA1-20	983.49	12/26/2007	10.32	---	0.00	---	17.30	0.00	973.17	---	---
GMA1-21	985.68	7/3/2007	13.15	---	0.00	---	19.46	0.00	972.53	---	---
GMA1-21	985.68	7/11/2007	13.10	---	0.00	---	19.42	0.00	972.58	---	---
GMA1-21	985.68	7/17/2007	13.20	---	0.00	---	19.42	0.00	972.48	---	---
GMA1-21	985.68	7/26/2007	13.25	---	0.00	---	19.45	0.00	972.43	---	---
GMA1-21	985.68	8/1/2007	13.31	---	0.00	---	19.42	0.00	972.37	---	---
GMA1-21	985.68	8/8/2007	13.30	---	0.00	---	19.38	0.00	972.38	---	---
GMA1-21	985.68	8/15/2007	13.40	---	0.00	---	19.45	0.00	972.28	---	---
GMA1-21	985.68	8/20/2007	13.50	---	0.00	---	19.44	0.00	972.18	---	---
GMA1-21	985.68	8/29/2007	13.53	---	0.00	---	19.44	0.00	972.15	---	---
GMA1-21	985.68	9/5/2007	13.65	---	0.00	---	19.43	0.00	972.03	---	---

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For East Street Area 2 - South

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-21	985.68	9/12/2007	13.30	---	0.00	---	19.42	0.00	972.38	---	---
GMA1-21	985.68	9/18/2007	13.51	---	0.00	---	19.44	0.00	972.17	---	---
GMA1-21	985.68	9/26/2007	13.68	---	0.00	---	19.43	0.00	972.00	---	---
GMA1-21	985.68	10/3/2007	13.72	---	0.00	---	19.41	0.00	971.96	---	---
GMA1-21	985.68	10/10/2007	13.78	---	0.00	---	19.42	0.00	971.90	---	---
GMA1-21	985.68	10/17/2007	13.41	---	0.00	---	19.42	0.00	972.27	---	---
GMA1-21	985.68	10/24/2007	13.41	---	0.00	---	19.44	0.00	972.27	---	---
GMA1-21	985.68	10/29/2007	13.05	---	0.00	---	19.42	0.00	972.63	---	---
GMA1-21	985.68	11/7/2007	13.10	---	0.00	---	19.40	0.00	972.58	---	---
GMA1-21	985.68	11/14/2007	13.27	---	0.00	---	19.42	0.00	972.41	---	---
GMA1-21	985.68	11/19/2007	12.90	---	0.00	---	19.42	0.00	972.78	---	---
GMA1-21	985.68	11/29/2007	12.89	---	0.00	---	19.43	0.00	972.79	---	---
GMA1-21	985.68	12/5/2007	13.08	---	0.00	---	19.40	0.00	972.60	---	---
GMA1-21	985.68	12/10/2007	13.20	---	0.00	---	19.40	0.00	972.48	---	---
GMA1-21	985.68	12/19/2007	13.10	---	0.00	---	19.42	0.00	972.58	---	---
GMA1-21	985.68	12/26/2007	12.88	---	0.00	---	19.43	0.00	972.80	---	---
GMA1-22	988.45	7/3/2007	15.40	---	0.00	---	19.24	0.00	973.05	---	---
GMA1-22	988.45	7/11/2007	15.35	---	0.00	---	19.24	0.00	973.10	---	---
GMA1-22	988.45	7/17/2007	15.45	---	0.00	---	19.25	0.00	973.00	---	---
GMA1-22	988.45	7/26/2007	15.50	---	0.00	---	19.24	0.00	972.95	---	---
GMA1-22	988.45	8/1/2007	15.60	---	0.00	---	19.24	0.00	972.85	---	---
GMA1-22	988.45	8/8/2007	15.65	---	0.00	---	19.24	0.00	972.80	---	---
GMA1-22	988.45	8/15/2007	15.70	---	0.00	---	19.22	0.00	972.75	---	---
GMA1-22	988.45	8/20/2007	15.81	---	0.00	---	19.24	0.00	972.64	---	---
GMA1-22	988.45	8/29/2007	16.00	---	0.00	---	19.24	0.00	972.45	---	---
GMA1-22	988.45	9/5/2007	16.02	---	0.00	---	19.24	0.00	972.43	---	---
GMA1-22	988.45	9/12/2007	15.72	---	0.00	---	19.24	0.00	972.73	---	---
GMA1-22	988.45	9/18/2007	15.85	---	0.00	---	19.24	0.00	972.60	---	---
GMA1-22	988.45	9/26/2007	16.05	---	0.00	---	19.24	0.00	972.40	---	---
GMA1-22	988.45	10/3/2007	16.12	---	0.00	---	19.23	0.00	972.33	---	---
GMA1-22	988.45	10/10/2007	16.12	---	0.00	---	19.24	0.00	972.33	---	---
GMA1-22	988.45	10/17/2007	15.91	---	0.00	---	19.24	0.00	972.54	---	---
GMA1-22	988.45	10/24/2007	15.80	---	0.00	---	19.24	0.00	972.65	---	---
GMA1-22	988.45	10/29/2007	15.54	---	0.00	---	19.22	0.00	972.91	---	---
GMA1-22	988.45	11/7/2007	15.53	---	0.00	---	19.22	0.00	972.92	---	---
GMA1-22	988.45	11/14/2007	15.61	---	0.00	---	19.23	0.00	972.84	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-22	988.45	11/19/2007	15.24	---	0.00	---	19.23	0.00	973.21	---	---
GMA1-22	988.45	11/29/2007	15.25	---	0.00	---	19.22	0.00	973.20	---	---
GMA1-22	988.45	12/5/2007	15.38	---	0.00	---	19.23	0.00	973.07	---	---
GMA1-22	988.45	12/10/2007	15.60	---	0.00	---	19.23	0.00	972.85	---	---
GMA1-22	988.45	12/19/2007	15.94	---	0.00	---	19.21	0.00	972.51	---	---
GMA1-22	988.45	12/26/2007	14.90	---	0.00	---	19.21	0.00	973.55	---	---
GMA1-23	986.16	7/3/2007	13.20	---	0.00	---	17.30	0.00	972.96	---	---
GMA1-23	986.16	7/11/2007	13.15	---	0.00	---	17.30	0.00	973.01	---	---
GMA1-23	986.16	7/17/2007	13.25	---	0.00	---	17.30	0.00	972.91	---	---
GMA1-23	986.16	7/26/2007	13.30	---	0.00	---	17.30	0.00	972.86	---	---
GMA1-23	986.16	8/1/2007	13.40	---	0.00	---	17.30	0.00	972.76	---	---
GMA1-23	986.16	8/8/2007	13.45	---	0.00	---	17.30	0.00	972.71	---	---
GMA1-23	986.16	8/15/2007	13.46	---	0.00	---	17.30	0.00	972.70	---	---
GMA1-23	986.16	8/20/2007	13.60	---	0.00	---	17.30	0.00	972.56	---	---
GMA1-23	986.16	8/29/2007	13.70	---	0.00	---	17.30	0.00	972.46	---	---
GMA1-23	986.16	9/5/2007	13.80	---	0.00	---	17.30	0.00	972.36	---	---
GMA1-23	986.16	9/12/2007	13.52	---	0.00	---	17.30	0.00	972.64	---	---
GMA1-23	986.16	9/18/2007	13.62	---	0.00	---	17.30	0.00	972.54	---	---
GMA1-23	986.16	9/26/2007	13.80	---	0.00	---	17.30	0.00	972.36	---	---
GMA1-23	986.16	10/3/2007	13.90	---	0.00	---	17.30	0.00	972.26	---	---
GMA1-23	986.16	10/10/2007	13.92	---	0.00	---	17.30	0.00	972.24	---	---
GMA1-23	986.16	10/17/2007	13.71	---	0.00	---	17.30	0.00	972.45	---	---
GMA1-23	986.16	10/24/2007	13.53	---	0.00	---	17.30	0.00	972.63	---	---
GMA1-23	986.16	10/29/2007	13.25	---	0.00	---	17.30	0.00	972.91	---	---
GMA1-23	986.16	11/7/2007	13.35	---	0.00	---	17.30	0.00	972.81	---	---
GMA1-23	986.16	11/14/2007	13.38	---	0.00	---	17.30	0.00	972.78	---	---
GMA1-23	986.16	11/19/2007	13.05	---	0.00	---	17.30	0.00	973.11	---	---
GMA1-23	986.16	11/29/2007	13.10	---	0.00	---	17.30	0.00	973.06	---	---
GMA1-23	986.16	12/5/2007	13.18	---	0.00	---	17.30	0.00	972.98	---	---
GMA1-23	986.16	12/10/2007	13.36	---	0.00	---	17.30	0.00	972.80	---	---
GMA1-23	986.16	12/19/2007	13.30	---	0.00	---	17.28	0.00	972.86	---	---
GMA1-23	986.16	12/26/2007	12.75	---	0.00	---	17.27	0.00	973.41	---	---
GMA1-24	983.81	7/3/2007	11.35	---	0.00	---	16.03	0.00	972.46	---	---
GMA1-24	983.81	7/11/2007	11.30	---	0.00	---	16.03	0.00	972.51	---	---
GMA1-24	983.81	7/17/2007	11.40	---	0.00	---	16.02	0.00	972.41	---	---
GMA1-24	983.81	7/26/2007	11.42	---	0.00	---	16.03	0.00	972.39	---	---

Table E-2
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-24	983.81	8/1/2007	11.52	---	0.00	---	16.02	0.00	972.29	---	---
GMA1-24	983.81	8/8/2007	11.50	---	0.00	---	16.02	0.00	972.31	---	---
GMA1-24	983.81	8/15/2007	11.62	---	0.00	---	16.03	0.00	972.19	---	---
GMA1-24	983.81	8/20/2007	11.70	---	0.00	---	16.02	0.00	972.11	---	---
GMA1-24	983.81	8/29/2007	11.80	---	0.00	---	16.03	0.00	972.01	---	---
GMA1-24	983.81	9/5/2007	12.00	---	0.00	---	16.03	0.00	971.81	---	---
GMA1-24	983.81	9/12/2007	11.50	---	0.00	---	16.02	0.00	972.31	---	---
GMA1-24	983.81	9/18/2007	11.72	---	0.00	---	16.00	0.00	972.09	---	---
GMA1-24	983.81	9/25/2007	11.90	---	0.00	---	16.00	0.00	971.91	---	---
GMA1-24	983.81	9/26/2007	11.98	---	0.00	---	15.99	0.00	971.83	---	---
GMA1-24	983.81	10/3/2007	11.95	---	0.00	---	16.02	0.00	971.86	---	---
GMA1-24	983.81	10/10/2007	11.92	---	0.00	---	16.00	0.00	971.89	---	---
GMA1-24	983.81	10/17/2007	11.80	---	0.00	---	16.00	0.00	972.01	---	---
GMA1-24	983.81	10/24/2007	11.60	---	0.00	---	15.98	0.00	972.21	---	---
GMA1-24	983.81	10/29/2007	11.21	---	0.00	---	15.98	0.00	972.60	---	---
GMA1-24	983.81	10/30/2007	11.32	---	0.00	---	15.98	0.00	972.49	---	---
GMA1-24	983.81	11/7/2007	11.82	---	0.00	---	15.88	0.00	971.99	---	---
GMA1-24	983.81	11/14/2007	11.48	---	0.00	---	15.96	0.00	972.33	---	---
GMA1-24	983.81	11/19/2007	11.10	---	0.00	---	15.95	0.00	972.71	---	---
GMA1-24	983.81	11/29/2007	11.05	---	0.00	---	15.94	0.00	972.76	---	---
GMA1-24	983.81	12/5/2007	11.29	---	0.00	---	15.95	0.00	972.52	---	---
GMA1-24	983.81	12/10/2007	11.45	---	0.00	---	15.95	0.00	972.36	---	---
GMA1-24	983.81	12/19/2007	11.83	---	0.00	---	15.94	0.00	971.98	---	---
GMA1-24	983.81	12/26/2007	10.75	---	0.00	---	15.94	0.00	973.06	---	---
HR-C-RW-1	NA	10/30/2007	7.61	---	0.00	---	22.64	0.00	NA	---	---
HR-G1-MW-1	982.42	7/16/2007	10.90	---	0.00	---	20.30	0.00	971.52	---	---
HR-G1-MW-1	982.42	10/30/2007	10.69	---	0.00	---	20.32	0.00	971.73	---	---
HR-G1-MW-2	980.23	7/16/2007	8.50	---	0.00	---	28.40	0.00	971.73	---	---
HR-G1-MW-2	980.23	10/30/2007	8.31	---	0.00	---	28.45	0.00	971.92	---	---
HR-G1-MW-3	980.21	7/16/2007	8.92	---	0.00	---	17.85	0.00	971.29	---	---
HR-G1-MW-3	980.21	10/30/2007	8.61	---	0.00	---	17.90	0.00	971.60	---	---
HR-G2-MW-1	982.60	7/16/2007	11.20	---	0.00	---	18.25	0.00	971.40	---	---
HR-G2-MW-1	982.60	8/20/2007	11.25	---	0.00	---	18.25	0.00	971.35	---	---
HR-G2-MW-1	982.60	9/18/2007	11.50	---	0.00	---	18.24	0.00	971.10	---	---
HR-G2-MW-1	982.60	10/30/2007	10.89	---	0.00	---	18.27	0.00	971.71	---	---
HR-G2-MW-1	982.60	11/19/2007	10.75	---	0.00	---	18.24	0.00	971.85	---	---

Table E-2
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For East Street Area 2 - South

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General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
HR-G2-MW-1	982.60	12/10/2007	11.26	---	0.00	---	18.23	0.00	971.34	---	---
HR-G2-MW-2	981.39	7/16/2007	9.43	---	0.00	---	17.68	0.00	971.96	---	---
HR-G2-MW-2	981.39	8/20/2007	9.86	---	0.00	---	17.66	0.00	971.53	---	---
HR-G2-MW-2	981.39	9/18/2007	9.43	---	0.00	---	17.66	0.00	971.96	---	---
HR-G2-MW-2	981.39	10/30/2007	8.40	---	0.00	---	17.75	0.00	972.99	---	---
HR-G2-MW-2	981.39	11/19/2007	8.30	---	0.00	---	17.67	0.00	973.09	---	---
HR-G2-MW-2	981.39	12/10/2007	9.00	---	0.00	---	17.68	0.00	972.39	---	---
HR-G2-MW-3	987.14	7/16/2007	15.15	---	0.00	---	22.00	0.00	971.99	---	---
HR-G2-MW-3	987.14	8/20/2007	15.45	---	0.00	---	22.00	0.00	971.69	---	---
HR-G2-MW-3	987.14	9/18/2007	15.52	---	0.00	---	21.98	0.00	971.62	---	---
HR-G2-MW-3	987.14	10/30/2007	14.91	---	0.00	---	22.07	0.00	972.23	---	---
HR-G2-MW-3	987.14	11/19/2007	14.71	---	0.00	---	21.98	0.00	972.43	---	---
HR-G2-MW-3	987.14	12/10/2007	15.08	---	0.00	---	21.98	0.00	972.06	---	---
HR-G2-RW-1	976.88	7/16/2007	6.90	---	0.00	---	18.70	0.00	971.73	---	---
HR-G2-RW-1	976.88	8/20/2007	7.30	---	0.00	---	18.70	0.00	971.43	---	---
HR-G2-RW-1	976.88	9/18/2007	7.50	---	0.00	---	18.70	0.00	971.28	---	---
HR-G2-RW-1	976.88	9/25/2007	7.35	---	0.00	---	18.71	0.00	971.39	---	---
HR-G2-RW-1	976.88	10/30/2007	6.45	---	0.00	---	18.62	0.00	972.06	---	---
HR-G2-RW-1	976.88	11/19/2007	6.30	---	0.00	---	18.71	0.00	972.17	---	---
HR-G2-RW-1	976.88	12/10/2007	6.76	---	0.00	---	18.71	0.00	971.83	---	---
HR-G3-MW-1	987.10	7/16/2007	15.51	---	0.00	---	17.71	0.00	971.59	---	---
HR-G3-MW-1	987.10	10/25/2007	15.33	---	0.00	---	17.72	0.00	971.77	---	---
HR-G3-MW-1	987.10	10/30/2007	15.03	---	0.00	---	17.80	0.00	972.07	---	---
HR-G3-MW-2	987.88	7/16/2007	15.93	---	0.00	---	17.72	0.00	971.95	---	---
HR-G3-MW-2	987.88	10/30/2007	15.68	---	0.00	---	17.80	0.00	972.20	---	---
HR-G3-RW-1	977.78	7/16/2007	5.75	---	0.00	---	8.58	0.00	972.03	---	---
HR-G3-RW-1	977.78	10/30/2007	5.27	---	0.00	---	8.56	0.00	972.51	---	---
HR-J1-MW-1	985.95	7/16/2007	14.02	---	0.00	---	25.90	0.00	971.93	---	---
HR-J1-MW-1	985.95	10/30/2007	13.79	---	0.00	---	25.85	0.00	972.16	---	---
HR-J1-MW-2	983.56	7/16/2007	11.52	---	0.00	---	17.65	0.00	972.04	---	---
HR-J1-MW-2	983.56	10/30/2007	Could not locate				NA	NA	NA	---	---
HR-J1-MW-2	983.56	11/2/2007	11.20	---	0.00	---	17.64	0.00	972.36	---	---
HR-J1-MW-3	987.68	7/16/2007	15.48	---	0.00	---	26.56	0.00	972.20	---	---
HR-J1-MW-3	987.68	10/29/2007	15.28	---	0.00	---	26.35	0.00	972.40	---	---
HR-J1-RW-1	975.05	7/16/2007	3.38	---	0.00	---	19.92	0.00	971.67	---	---
HR-J1-RW-1	975.05	10/29/2007	3.08	---	0.00	---	14.95	0.00	971.97	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
M-R	998.19	9/24/2007	21.10	21.09	0.01	---	29.24	0.00	977.10	0.006	---
M-R	998.19	10/31/2007	21.55	---	0.00	---	29.22	0.00	976.64	---	---
P3	989.25	9/24/2007	5.06	5.05	0.01	---	13.10	0.00	984.20	0.006	---
P3	989.25	10/30/2007	5.10	---	0.00	---	13.10	0.00	984.15	---	---
PZ-1S	989.93	10/30/2007	17.90	---	0.00	---	20.30	0.00	972.03	---	---
PZ-6S	984.13	10/30/2007	12.32	---	0.00	---	13.22	0.00	971.81	---	---
RW-1(S)	987.23	7/5/2007	19.13	19.10	0.03	---	28.60	0.00	968.13	---	---
RW-1(S)	987.23	7/10/2007	13.06	13.03	0.03	---	28.60	0.00	974.20	---	---
RW-1(S)	987.23	7/18/2007	19.90	19.71	0.19	---	28.60	0.00	967.51	---	---
RW-1(S)	987.23	7/27/2007	18.41	17.81	0.60	---	28.60	0.00	969.38	---	---
RW-1(S)	987.23	8/1/2007	14.60	14.58	0.02	---	28.60	0.00	972.65	---	---
RW-1(S)	987.23	8/9/2007	17.00	16.40	0.60	---	28.60	0.00	970.79	---	---
RW-1(S)	987.23	8/14/2007	18.50	17.90	0.60	---	28.60	0.00	969.29	---	---
RW-1(S)	987.23	8/21/2007	18.00	17.91	0.09	---	28.60	0.00	969.31	---	---
RW-1(S)	987.23	8/30/2007	18.10	17.30	0.80	---	28.60	0.00	969.87	---	---
RW-1(S)	987.23	9/4/2007	18.20	17.60	0.60	---	28.60	0.00	969.59	---	---
RW-1(S)	987.23	9/13/2007	18.10	17.80	0.30	---	28.60	0.00	969.41	---	---
RW-1(S)	987.23	9/18/2007	18.70	17.60	1.10	---	28.60	0.00	969.55	---	---
RW-1(S)	987.23	9/27/2007	16.38	16.30	0.08	---	28.60	0.00	970.92	---	---
RW-1(S)	987.23	10/2/2007	20.10	19.20	0.90	---	28.60	0.00	967.97	---	---
RW-1(S)	987.23	10/9/2007	18.20	18.09	0.11	---	28.60	0.00	969.13	---	---
RW-1(S)	987.23	10/16/2007	23.20	22.60	0.60	---	28.60	0.00	964.59	---	---
RW-1(S)	987.23	10/23/2007	16.00	15.98	0.02	---	28.60	0.00	971.25	---	---
RW-1(S)	987.23	10/30/2007	18.00	17.80	0.20	---	28.60	0.00	969.42	---	---
RW-1(S)	987.23	11/7/2007	19.10	18.33	0.77	---	28.60	0.00	968.85	---	---
RW-1(S)	987.23	11/13/2007	18.02	17.65	0.37	---	28.60	0.00	969.55	---	---
RW-1(S)	987.23	11/20/2007	19.10	18.25	0.85	---	28.60	0.00	968.92	---	---
RW-1(S)	987.23	11/27/2007	19.20	18.60	0.60	---	28.60	0.00	968.59	---	---
RW-1(S)	987.23	12/4/2007	19.10	18.80	0.30	---	28.60	0.00	968.41	---	---
RW-1(S)	987.23	12/10/2007	19.90	19.62	0.28	P	28.60	< 0.01	967.59	---	---
RW-1(S)	987.23	12/18/2007	21.06	20.40	0.66	---	28.60	0.00	966.78	---	---
RW-1(S)	987.23	12/27/2007	19.10	18.40	0.70	P	28.60	< 0.01	968.78	---	---
RW-1(X)	982.68	7/5/2007	15.12	15.08	0.04	---	20.80	0.00	967.60	---	---
RW-1(X)	982.68	7/10/2007	15.10	15.07	0.03	---	20.80	0.00	967.61	---	---
RW-1(X)	982.68	7/18/2007	15.38	15.36	0.02	---	20.80	0.00	967.32	---	---
RW-1(X)	982.68	7/26/2007	14.44	14.42	0.02	---	20.80	0.00	968.26	---	---

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Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
RW-1(X)	982.68	8/1/2007	13.80	---	0.00	---	20.80	0.00	968.88	---	---
RW-1(X)	982.68	8/9/2007	15.11	15.10	0.01	---	20.80	0.00	967.58	---	---
RW-1(X)	982.68	8/14/2007	15.21	15.20	0.01	---	20.80	0.00	967.48	---	---
RW-1(X)	982.68	8/21/2007	15.30	15.28	0.02	---	20.80	0.00	967.40	---	---
RW-1(X)	982.68	8/30/2007	15.37	15.36	0.01	---	20.80	0.00	967.32	---	---
RW-1(X)	982.68	9/4/2007	14.24	14.23	0.01	---	20.80	0.00	968.45	---	---
RW-1(X)	982.68	9/13/2007	15.03	15.00	0.03	---	20.80	0.00	967.68	---	---
RW-1(X)	982.68	9/18/2007	15.30	15.29	0.01	---	20.80	0.00	967.39	---	---
RW-1(X)	982.68	9/27/2007	15.40	P	< 0.01	---	20.80	0.00	967.28	---	---
RW-1(X)	982.68	10/2/2007	15.50	15.48	0.02	---	20.80	0.00	967.20	---	---
RW-1(X)	982.68	10/9/2007	15.40	15.39	0.01	---	20.80	0.00	967.29	---	---
RW-1(X)	982.68	10/16/2007	15.50	15.49	0.01	---	20.80	0.00	967.19	---	---
RW-1(X)	982.68	10/23/2007	15.30	P	< 0.01	---	20.80	0.00	967.38	---	---
RW-1(X)	982.68	10/30/2007	15.10	P	< 0.01	---	20.80	0.00	967.58	---	---
RW-1(X)	982.68	11/7/2007	15.50	15.30	0.20	---	20.80	0.00	967.37	---	---
RW-1(X)	982.68	11/13/2007	15.64	15.25	0.39	---	20.80	0.00	967.40	---	---
RW-1(X)	982.68	11/20/2007	14.20	14.11	0.09	---	20.80	0.00	968.56	---	---
RW-1(X)	982.68	11/27/2007	15.40	15.20	0.20	---	20.80	0.00	967.47	---	---
RW-1(X)	982.68	12/4/2007	14.30	14.28	0.02	---	20.80	0.00	968.40	---	---
RW-1(X)	982.68	12/10/2007	15.60	15.53	0.07	---	20.80	0.00	967.15	---	---
RW-1(X)	982.68	12/18/2007	14.60	14.41	0.19	---	20.80	0.00	968.26	---	---
RW-1(X)	982.68	12/27/2007	15.90	15.57	0.33	---	20.80	0.00	967.09	---	---
RW-2(X)	985.96	7/5/2007	13.50	---	0.00	---	15.30	0.00	972.46	---	---
RW-2(X)	985.96	7/10/2007	13.60	---	0.00	---	15.30	0.00	972.36	---	---
RW-2(X)	985.96	7/18/2007	13.85	---	0.00	---	15.30	0.00	972.11	---	---
RW-2(X)	985.96	7/26/2007	13.43	---	0.00	---	15.30	0.00	972.53	---	---
RW-2(X)	985.96	8/1/2007	15.22	15.20	0.02	---	15.30	0.00	970.76	---	---
RW-2(X)	985.96	8/9/2007	13.98	---	0.00	---	15.30	0.00	971.98	---	---
RW-2(X)	985.96	8/14/2007	14.12	---	0.00	---	15.30	0.00	971.84	---	---
RW-2(X)	985.96	8/21/2007	14.20	---	0.00	---	15.30	0.00	971.76	---	---
RW-2(X)	985.96	8/30/2007	14.40	---	0.00	---	15.30	0.00	971.56	---	---
RW-2(X)	985.96	9/4/2007	14.40	---	0.00	---	15.30	0.00	971.56	---	---
RW-2(X)	985.96	9/13/2007	14.10	---	0.00	---	15.30	0.00	971.86	---	---
RW-2(X)	985.96	9/18/2007	14.35	---	0.00	---	15.30	0.00	971.61	---	---
RW-2(X)	985.96	9/27/2007	14.50	---	0.00	---	15.30	0.00	971.46	---	---
RW-2(X)	985.96	10/2/2007	14.50	---	0.00	---	15.30	0.00	971.46	---	---
RW-2(X)	985.96	10/9/2007	14.40	---	0.00	---	15.30	0.00	971.56	---	---

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General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
RW-2(X)	985.96	10/16/2007	14.50	---	0.00	---	15.30	0.00	971.46	---	---
RW-2(X)	985.96	10/23/2007	14.50	---	0.00	---	15.30	0.00	971.46	---	---
RW-2(X)	985.96	10/30/2007	13.85	---	0.00	---	15.30	0.00	972.11	---	---
RW-2(X)	985.96	11/7/2007	18.20	---	0.00	---	22.80	0.00	967.76	---	---
RW-2(X)	985.96	11/13/2007	16.00	---	0.00	---	22.80	0.00	969.96	---	---
RW-2(X)	985.96	11/20/2007	18.80	---	0.00	---	22.80	0.00	967.16	---	---
RW-2(X)	985.96	11/27/2007	14.30	---	0.00	---	22.80	0.00	971.66	---	---
RW-2(X)	985.96	12/4/2007	14.60	---	0.00	---	22.80	0.00	971.36	---	---
RW-2(X)	985.96	12/10/2007	14.60	---	0.00	---	22.80	0.00	971.36	---	---
RW-2(X)	985.96	12/18/2007	14.00	---	0.00	---	22.80	0.00	971.96	---	---
RW-2(X)	985.96	12/27/2007	14.03	---	0.00	---	22.80	0.00	971.93	---	---
RW-3(X)	980.28	7/5/2007	9.50	---	0.00	43.10	44.40	1.30	970.78	---	---
RW-3(X)	980.28	7/10/2007	9.18	---	0.00	42.90	44.40	1.50	971.10	---	---
RW-3(X)	980.28	7/18/2007	9.25	---	0.00	42.80	44.40	1.60	971.03	---	---
RW-3(X)	980.28	7/26/2007	9.50	---	0.00	43.32	44.40	1.08	970.78	---	---
RW-3(X)	980.28	8/1/2007	9.50	---	0.00	---	44.40	0.00	970.78	---	---
RW-3(X)	980.28	8/9/2007	9.74	---	0.00	42.70	44.40	1.70	970.54	---	---
RW-3(X)	980.28	8/14/2007	9.70	---	0.00	42.40	44.40	2.00	970.58	---	---
RW-3(X)	980.28	8/21/2007	9.91	---	0.00	43.10	44.40	1.30	970.37	---	---
RW-3(X)	980.28	8/30/2007	9.81	---	0.00	42.60	44.40	1.80	970.47	---	---
RW-3(X)	980.28	9/4/2007	9.65	---	0.00	---	44.40	0.00	970.63	---	---
RW-3(X)	980.28	9/13/2007	9.90	---	0.00	43.05	44.40	1.35	970.38	---	---
RW-3(X)	980.28	9/18/2007	9.87	---	0.00	---	44.40	0.00	970.41	---	---
RW-3(X)	980.28	9/27/2007	9.73	---	0.00	42.10	44.40	2.30	970.55	---	---
RW-3(X)	980.28	10/2/2007	9.95	---	0.00	43.10	44.40	1.30	970.33	---	---
RW-3(X)	980.28	10/9/2007	10.80	---	0.00	43.20	44.40	1.20	969.48	---	---
RW-3(X)	980.28	10/16/2007	10.70	---	0.00	43.50	44.40	0.90	969.58	---	---
RW-3(X)	980.28	10/23/2007	9.90	---	0.00	43.10	44.40	1.30	970.38	---	---
RW-3(X)	980.28	10/30/2007	10.20	---	0.00	P	44.40	< 0.01	970.08	---	---
RW-3(X)	980.28	11/7/2007	9.70	---	0.00	42.90	44.40	1.50	970.58	---	---
RW-3(X)	980.28	11/13/2007	9.41	---	0.00	---	44.40	0.00	970.87	---	---
RW-3(X)	980.28	11/20/2007	10.20	---	0.00	---	44.40	0.00	970.08	---	---
RW-3(X)	980.28	11/27/2007	9.10	---	0.00	P	44.40	< 0.01	971.18	---	---
RW-3(X)	980.28	12/4/2007	10.02	---	0.00	---	44.40	0.00	970.26	---	---
RW-3(X)	980.28	12/10/2007	10.20	---	0.00	42.20	44.40	2.20	970.08	---	---
RW-3(X)	980.28	12/18/2007	9.75	---	0.00	41.87	44.40	2.53	970.53	---	---

Table E-2
 Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
 For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
 Plant Site 1 Groundwater Management Area
 General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
RW-3(X)	980.28	12/27/2007	8.60	---	0.00	42.90	44.40	1.50	971.68	---	---
RW-4	987.44	8/8/2007	14.87	---	0.00	---	29.08	0.00	972.57	---	---
RW-4	987.44	8/15/2007	14.95	---	0.00	---	29.01	0.00	972.49	---	---
RW-4	987.44	8/20/2007	15.07	---	0.00	---	29.00	0.00	972.37	---	---
RW-4	987.44	8/29/2007	15.16	---	0.00	---	29.08	0.00	972.28	---	---
RW-4	987.44	9/5/2007	15.24	---	0.00	---	29.07	0.00	972.20	---	---
RW-4	987.44	9/12/2007	14.88	---	0.00	---	29.00	0.00	972.56	---	---
RW-4	987.44	9/19/2007	15.11	---	0.00	---	29.02	0.00	972.33	---	---
RW-4	987.44	9/26/2007	15.26	---	0.00	---	29.00	0.00	972.18	---	---
RW-4	987.44	10/3/2007	15.32	---	0.00	---	29.00	0.00	972.12	---	---
RW-4	987.44	10/10/2007	15.31	---	0.00	---	29.00	0.00	972.13	---	---
RW-4	987.44	10/17/2007	15.19	---	0.00	---	29.00	0.00	972.25	---	---
RW-4	987.44	10/24/2007	15.01	---	0.00	---	29.01	0.00	972.43	---	---
RW-4	987.44	10/29/2007	14.63	---	0.00	---	29.02	0.00	972.81	---	---
RW-4	987.44	11/7/2007	14.78	---	0.00	---	29.00	0.00	972.66	---	---
RW-4	987.44	11/14/2007	Hooked Up To Recovery System				NM	NA	NA	---	---
RW-4	987.44	11/19/2007	Hooked Up To Recovery System				NM	NA	NA	---	---
RW-4	987.44	11/29/2007	Hooked Up To Recovery System				NM	NA	NA	---	---
TMP-1	992.74	7/16/2007	20.02	---	0.00	---	21.96	0.00	972.72	---	---
TMP-1	992.74	10/30/2007	20.40	---	0.00	---	21.93	0.00	972.34	---	---
Housatonic River											
SG-HR-1	990.73	7/3/2007	19.90	See Note 5 regarding depth to water				970.83	---	---	
SG-HR-1	990.73	7/11/2007	19.72	See Note 5 regarding depth to water				971.01	---	---	
SG-HR-1	990.73	7/18/2007	19.71	See Note 5 regarding depth to water				971.02	---	---	
SG-HR-1	990.73	7/25/2007	19.80	See Note 5 regarding depth to water				970.93	---	---	
SG-HR-1	990.73	7/30/2007	19.90	See Note 5 regarding depth to water				970.83	---	---	
SG-HR-1	990.73	7/30/2007	19.90	See Note 5 regarding depth to water				970.83	---	---	
SG-HR-1	990.73	8/7/2007	19.98	See Note 5 regarding depth to water				970.75	---	---	
SG-HR-1	990.73	8/15/2007	19.90	See Note 5 regarding depth to water				970.83	---	---	
SG-HR-1	990.73	8/22/2007	19.98	See Note 5 regarding depth to water				970.75	---	---	
SG-HR-1	990.73	8/27/2007	20.03	See Note 5 regarding depth to water				970.70	---	---	
SG-HR-1	990.73	9/5/2007	20.04	See Note 5 regarding depth to water				970.69	---	---	
SG-HR-1	990.73	9/12/2007	18.98	See Note 5 regarding depth to water				971.75	---	---	
SG-HR-1	990.73	9/17/2007	19.88	See Note 5 regarding depth to water				970.85	---	---	
SG-HR-1	990.73	9/26/2007	20.00	See Note 5 regarding depth to water				970.73	---	---	
SG-HR-1	990.73	10/2/2007	20.01	See Note 5 regarding depth to water				970.72	---	---	

Table E-2
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
SG-HR-1	990.73	10/8/2007	19.98	See Note 5 regarding depth to water					970.75	---	---
SG-HR-1	990.73	10/17/2007	19.76	See Note 5 regarding depth to water					970.97	---	---
SG-HR-1	990.73	10/24/2007	19.56	See Note 5 regarding depth to water					971.17	---	---
SG-HR-1	990.73	10/29/2007	18.74	See Note 5 regarding depth to water					971.99	---	---
SG-HR-1	990.73	11/6/2007	19.20	See Note 5 regarding depth to water					971.53	---	---
SG-HR-1	990.73	11/14/2007	19.45	See Note 5 regarding depth to water					971.28	---	---
SG-HR-1	990.73	11/21/2007	19.24	See Note 5 regarding depth to water					971.49	---	---
SG-HR-1	990.73	11/28/2007	18.80	See Note 5 regarding depth to water					971.93	---	---
SG-HR-1	990.73	12/5/2007	19.55	See Note 5 regarding depth to water					971.18	---	---
SG-HR-1	990.73	12/12/2007	19.06	See Note 5 regarding depth to water					971.67	---	---
SG-HR-1	990.73	12/19/2007	19.62	See Note 5 regarding depth to water					971.11	---	---
SG-HR-1	990.73	12/26/2007	18.45	See Note 5 regarding depth to water					972.28	---	---

NOTES:

1. '---' indicates LNAPL or DNAPL was not present in a measurable quantity
2. NA indicates information not available.
3. P indicates that LNAPL is present at a thickness that is <0.01 feet, the corresponding thickness is recorded as such.
4. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refers to the vertical distance from the surveyed reference point to the water surface.
5. * - A weighted bailer has been installed at this location to remove DNAPL accumulations. DNAPL thickness is the length measured within the bailer upon retrieval.

**Table E-3
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 2 - North**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
05-N	1009.23	9/25/2007	24.73	24.71	0.02	---	27.70	0.00	984.52	0.012	---
05-N	1,009.23	10/30/2007	24.82	---	0.00	---	27.70	0.00	984.41	---	---
11-N	1,010.85	10/30/2007	32.45	---	0.00	---	36.30	0.00	978.40	---	---
14-N	1010.53	9/25/2007	23.95	23.80	0.15	---	34.40	0.00	986.72	0.093	---
14-N	1,010.53	10/30/2007	23.90	23.47	0.43	---	30.42	0.00	987.03	---	---
16-N	1,010.65	10/29/2007	32.95	---	0.00	---	37.12	0.00	977.70	---	---
17A	1,023.86	10/29/2007	6.35	---	0.00	---	19.42	0.00	1,017.51	---	---
17-N	1010.49	9/25/2007	32.58	32.03	0.55	---	38.78	0.00	978.42	0.339	---
17-N	1,010.49	10/29/2007	32.64	32.50	0.14	---	38.64	0.00	977.98	---	---
19-N	1,010.68	10/29/2007	32.05	---	0.00	---	37.04	0.00	978.63	---	---
20-N	1010.66	9/25/2007	30.24	30.23	0.01	---	44.15	0.00	980.43	0.006	---
20-N	1,010.66	10/29/2007	30.21	---	0.00	---	34.77	0.00	980.45	---	---
23-N	1011.13	9/25/2007	32.35	32.20	0.15	---	38.20	0.00	978.92	0.093	---
23-N	1,011.13	10/29/2007	32.91	32.61	0.30	---	38.16	0.00	978.50	---	---
24-N	1010.50	9/25/2007	31.35	---	0.00	---	32.25	0.00	979.15	---	---
24-N	1,010.50	10/29/2007	31.67	---	0.00	---	32.02	0.00	978.83	---	---
95-12	1,010.20	10/29/2007	Could not locate; possibly paved over				NA	NA	NA	---	---
ES1-05	1,023.33	10/18/2007	41.58	---	0.00	---	44.15	0.00	981.75	---	---
ES1-05	1,023.33	10/30/2007	41.11	---	0.00	---	44.24	0.00	982.22	---	---
ES1-18	1,049.71	10/30/2007	6.93	---	0.00	---	14.30	0.00	1,042.78	---	---
ES1-20	1,001.56	7/17/2007	14.62	---	0.00	---	19.58	0.00	986.94	---	---
ES1-20	1,001.56	10/30/2007	15.84	---	0.00	---	19.52	0.00	985.72	---	---
ES1-20	1,001.56	10/31/2007	15.78	---	0.00	---	19.54	0.00	985.78	---	---
ES1-27R	1,023.19	10/19/2007	9.30	---	0.00	---	18.98	0.00	1,013.89	---	---
ES1-27R	1,023.19	10/30/2007	7.16	---	0.00	---	20.20	0.00	1,016.03	---	---

NOTES:

1. --- indicates LNAPL or DNAPL was not present in a measurable quantity
2. NA indicates information not available.

**Table E-4
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 1 - North**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
25	1000.70	9/26/2007	6.60	---	0.00	---	14.90	0.00	994.10	---	---
25	1000.70	10/30/2007	6.50	---	0.00	---	14.88	0.00	994.20	---	---
49	999.90	9/26/2007	6.00	---	0.00	---	18.10	0.00	993.90	---	---
49	999.90	10/30/2007	Destroyed				NA	NA	NA	---	---
52	999.26	7/17/2007	4.90	---	0.00	---	9.70	0.00	994.36	---	---
52	999.26	10/18/2007	5.93	---	0.00	---	8.82	0.00	993.33	---	---
52	999.26	10/30/2007	5.52	---	0.00	---	8.80	0.00	993.74	---	---
105	1002.85	9/26/2007	9.00	7.68	1.32	---	17.38	0.00	995.08	0.814	---
105	1002.85	10/30/2007	7.93	7.70	0.23	---	17.40	0.00	995.13	---	---
106	1004.06	9/26/2007	10.60	9.98	0.62	---	12.50	0.00	994.04	0.383	---
106	1004.06	10/30/2007	10.32	10.04	0.28	---	12.52	0.00	994.00	---	---
107	1003.86	9/26/2007	8.09	---	0.00	---	17.70	0.00	995.77	---	---
107	1003.86	10/30/2007	8.01	---	0.00	---	17.72	0.00	995.85	---	---
118	1001.50	9/26/2007	5.45	---	0.00	---	6.88	0.00	996.05	---	---
118	1001.50	10/30/2007	4.78	---	0.00	---	6.85	0.00	996.72	---	---
120	1001.30	10/30/2007	Destroyed				NA	NA	NA	---	---
128	1001.41	10/30/2007	7.38	---	0.00	---	9.55	0.00	994.03	---	---
131	1001.18	7/17/2007	4.30	---	0.00	---	6.60	0.00	996.88	---	---
131	1001.18	9/26/2007	5.06	---	0.00	---	6.31	0.00	996.12	---	---
131	1001.18	10/30/2007	5.07	5.05	0.02	---	6.58	0.00	996.13	---	---
140	1000.30	7/17/2007	7.76	---	0.00	---	15.28	0.00	992.54	---	---
140	1000.30	9/26/2007	8.25	---	0.00	---	15.20	0.00	992.05	---	---
140	1000.30	10/30/2007	7.22	---	0.00	---	15.28	0.00	993.08	---	---
108A	1007.79	10/30/2007	10.38	---	0.00	---	21.78	0.00	997.41	---	---
109A	1005.43	10/30/2007	8.51	---	0.00	---	20.80	0.00	996.92	---	---
60R	1004.03	10/30/2007	10.98	---	0.00	---	19.09	0.00	993.05	---	---
ES1-08	1000.85	7/17/2007	5.48	---	0.00	---	13.35	0.00	995.37	---	---
ES1-08	1000.85	9/26/2007	6.26	---	0.00	---	13.05	0.00	994.59	---	---
ES1-08	1000.85	10/30/2007	6.25	---	0.00	---	13.10	0.00	994.60	---	---
North Caisson	997.84	7/5/2007	16.81	16.80	0.01	---	19.80	0.00	981.04	---	---
North Caisson	997.84	7/10/2007	17.59	17.58	0.01	---	19.80	0.00	980.26	---	---
North Caisson	997.84	7/18/2007	17.70	17.69	0.01	---	19.80	0.00	980.15	---	---
North Caisson	997.84	7/27/2007	17.07	17.06	0.01	---	19.80	0.00	980.78	---	---
North Caisson	997.84	8/1/2007	17.60	P	< 0.01	---	19.80	0.00	980.24	---	---
North Caisson	997.84	8/9/2007	18.55	18.54	0.01	---	19.80	0.00	979.30	---	---
North Caisson	997.84	8/14/2007	17.92	P	< 0.01	---	19.80	0.00	979.92	---	---
North Caisson	997.84	8/21/2007	17.71	17.70	0.01	---	19.80	0.00	980.14	---	---
North Caisson	997.84	8/30/2007	16.78	16.77	0.01	---	19.80	0.00	981.07	---	---
North Caisson	997.84	9/4/2007	17.71	17.70	0.01	---	19.80	0.00	980.14	---	---

**Table E-4
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 1 - North**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
North Caisson	997.84	9/13/2007	17.02	17.01	0.01	---	19.80	0.00	980.83	---	---
North Caisson	997.84	9/18/2007	18.55	18.54	0.01	---	19.80	0.00	979.30	---	---
North Caisson	997.84	9/27/2007	17.30	17.29	0.01	---	19.80	0.00	980.55	---	---
North Caisson	997.84	10/2/2007	17.80	P	< 0.01	---	19.80	0.00	980.04	---	---
North Caisson	997.84	10/9/2007	18.06	P	< 0.01	---	19.80	0.00	979.78	---	---
North Caisson	997.84	10/16/2007	17.25	17.24	0.01	---	19.80	0.00	980.60	---	---
North Caisson	997.84	10/23/2007	19.10	19.09	0.01	---	19.80	0.00	978.75	---	---
North Caisson	997.84	10/30/2007	18.05	18.04	0.01	---	19.80	0.00	979.80	---	---
North Caisson	997.84	11/7/2007	18.15	---	0.00	---	19.80	0.00	979.69	---	---
North Caisson	997.84	11/13/2007	17.85	P	< 0.01	---	19.80	0.00	979.99	---	---
North Caisson	997.84	11/20/2007	17.04	17.03	0.01	---	19.80	0.00	980.81	---	---
North Caisson	997.84	11/27/2007	17.62	P	< 0.01	---	19.80	0.00	980.22	---	---
North Caisson	997.84	12/4/2007	17.93	P	< 0.01	---	19.80	0.00	979.91	---	---
North Caisson	997.84	12/10/2007	17.77	P	< 0.01	---	19.80	0.00	980.07	---	---
North Caisson	997.84	12/18/2007	17.90	P	< 0.01	---	19.80	0.00	979.94	---	---
North Caisson	997.84	12/27/2007	18.07	P	< 0.01	---	19.80	0.00	979.77	---	---

NOTES:

1. '---' indicates LNAPL or DNAPL was not present in a measurable quantity
2. NA indicates information not available.
3. P indicates that LNAPL is present at a thickness that is <0.01 feet, the corresponding thickness is recorded as such.

Table E-5
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 1 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
33	999.50	7/17/2007	6.50	---	0.00	---	21.30	0.00	993.00	---	---
33	999.50	8/21/2007	6.86	---	0.00	---	21.28	0.00	992.64	---	---
33	999.50	9/17/2007	7.09	7.08	0.01	---	21.28	0.00	992.42	---	---
33	999.50	10/30/2007	6.52	---	0.00	---	21.25	0.00	992.98	---	---
33	999.50	11/20/2007	6.26	---	0.00	---	21.25	0.00	993.24	---	---
33	999.50	12/11/2007	6.61	---	0.00	---	21.24	0.00	992.89	---	---
34	999.90	7/17/2007	5.71	5.70	0.01	---	21.02	0.00	994.20	0.006	---
34	999.90	8/21/2007	5.94	5.93	0.01	---	21.04	0.00	993.97	0.006	---
34	999.90	9/26/2007	6.51	6.50	0.01	---	21.03	0.00	993.40	0.006	---
34	999.90	10/30/2007	6.20	---	0.00	---	21.03	0.00	993.70	---	---
34	999.90	11/20/2007	5.74	5.73	0.01	---	21.00	0.00	994.17	0.006	---
34	999.90	12/11/2007	5.93	---	0.00	---	21.00	0.00	993.97	---	---
35	1000.15	9/26/2007	6.30	---	0.00	---	9.60	0.00	993.85	---	---
35	1000.15	10/30/2007	6.16	6.15	0.01	---	9.60	0.00	994.00	---	---
45	1000.10	9/26/2007	6.36	---	0.00	---	20.78	0.00	993.74	---	---
45	1000.10	10/30/2007	6.20	6.18	0.02	---	20.75	0.00	993.92	---	---
46	999.80	10/30/2007	6.43	---	0.00	---	17.24	0.00	993.37	---	---
72	1000.62	7/17/2007	6.35	---	0.00	---	21.95	0.00	994.27	---	---
72	1000.62	8/21/2007	6.65	---	0.00	---	21.90	0.00	993.97	---	---
72	1000.62	9/26/2007	7.33	7.30	0.03	---	21.98	0.00	993.32	0.019	---
72	1000.62	10/30/2007	7.08	7.00	0.08	---	21.93	0.00	993.61	---	---
72	1000.62	11/20/2007	6.71	6.64	0.07	---	21.95	0.00	993.98	0.043	---
72	1000.62	12/11/2007	6.65	6.63	0.02	---	21.95	0.00	993.99	0.012	---
75	1000.65	10/30/2007	6.76	---	0.00	---	20.58	0.00	993.89	---	---
76	1000.45	9/26/2007	7.65	7.36	0.29	---	18.62	0.00	993.07	0.179	---
76	1000.45	10/30/2007	7.40	7.24	0.16	---	18.61	0.00	993.20	---	---
78	997.61	11/2/2007	3.54	---	0.00	---	21.90	0.00	994.07	---	---
80	989.98	11/2/2007	4.88	---	0.00	---	24.74	0.00	985.10	---	---
90	987.65	11/2/2007	5.54	---	0.00	---	12.18	0.00	982.11	---	---
139R	986.91	10/23/2007	11.89	---	0.00	---	14.15	0.00	975.02	---	---
139R	986.91	11/2/2007	11.05	---	0.00	---	14.17	0.00	975.86	---	---
31R	1,000.23	7/17/2007	9.30	---	0.00	---	15.02	0.00	990.93	---	---
31R	1,000.23	8/21/2007	9.45	---	0.00	---	15.02	0.00	990.78	---	---
31R	1,000.23	9/17/2007	9.70	---	0.00	---	15.02	0.00	990.53	---	---
31R	1,000.23	10/30/2007	9.21	---	0.00	---	15.02	0.00	991.02	---	---
31R	1,000.23	11/20/2007	8.96	---	0.00	---	15.03	0.00	991.27	---	---
31R	1,000.23	12/11/2007	9.18	---	0.00	---	15.00	0.00	991.05	---	---
72R	1000.92	7/17/2007	6.45	---	0.00	---	13.30	0.00	994.47	---	---
72R	1000.92	8/21/2007	6.65	---	0.00	---	13.31	0.00	994.27	---	---
72R	1000.92	9/17/2007	6.95	---	0.00	---	13.31	0.00	993.97	---	---
72R	1000.92	10/23/2007	7.05	---	0.00	---	13.39	0.00	993.87	---	---
72R	1000.92	10/30/2007	6.63	---	0.00	---	13.31	0.00	994.29	---	---
72R	1000.92	11/20/2007	6.37	---	0.00	---	13.30	0.00	994.55	---	---
72R	1000.92	12/11/2007	6.58	---	0.00	---	13.30	0.00	994.34	---	---
ES1-13	999.93	11/2/2007	6.75	---	0.00	---	12.15	0.00	993.18	---	---
ES1-23R	989.94	11/2/2007	3.71	---	0.00	---	16.08	0.00	986.23	---	---

Table E-5
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For East Street Area 1 - South

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-18	998.29	10/22/2007	8.70	---	0.00	---	13.56	0.00	989.59	---	---
GMA1-18	998.29	11/2/2007	7.25	---	0.00	---	13.54	0.00	991.04	---	---
GMA1-6	1000.44	10/23/2007	8.26	---	0.00	---	15.05	0.00	992.18	---	---
GMA1-6	1000.44	11/2/2007	8.14	---	0.00	---	15.05	0.00	992.30	---	---
GMA1-7	985.81	11/2/2007	11.82	---	0.00	---	14.88	0.00	973.99	---	---
South Caisson	1001.11	7/5/2007	13.90	13.89	0.01	---	15.00	0.00	987.22	---	---
South Caisson	1001.11	7/10/2007	12.25	12.24	0.01	---	15.00	0.00	988.87	---	---
South Caisson	1001.11	7/18/2007	10.15	10.14	0.01	---	15.00	0.00	990.97	---	---
South Caisson	1001.11	7/27/2007	8.23	8.22	0.01	---	15.00	0.00	992.89	---	---
South Caisson	1001.11	8/1/2007	10.27	10.26	0.01	---	15.00	0.00	990.85	---	---
South Caisson	1001.11	8/9/2007	10.21	10.20	0.01	---	15.00	0.00	990.91	---	---
South Caisson	1001.11	8/14/2007	11.15	11.14	0.01	---	15.00	0.00	989.97	---	---
South Caisson	1001.11	8/21/2007	10.44	P	< 0.01	---	15.00	0.00	990.67	---	---
South Caisson	1001.11	8/30/2007	11.20	P	< 0.01	---	15.00	0.00	989.91	---	---
South Caisson	1001.11	9/4/2007	11.20	P	< 0.01	---	15.00	0.00	989.91	---	---
South Caisson	1001.11	9/13/2007	11.20	11.19	0.01	---	15.00	0.00	989.92	---	---
South Caisson	1001.11	9/18/2007	11.40	P	< 0.01	---	15.00	0.00	989.71	---	---
South Caisson	1001.11	9/27/2007	11.30	P	< 0.01	---	15.00	0.00	989.81	---	---
South Caisson	1001.11	10/2/2007	11.38	11.37	0.01	---	15.00	0.00	989.74	---	---
South Caisson	1001.11	10/9/2007	11.79	P	< 0.01	---	15.00	0.00	989.32	---	---
South Caisson	1001.11	10/16/2007	11.85	11.84	0.01	---	15.00	0.00	989.27	---	---
South Caisson	1001.11	10/23/2007	11.73	P	< 0.01	---	15.00	0.00	989.38	---	---
South Caisson	1001.11	10/30/2007	11.74	P	< 0.01	---	15.00	0.00	989.37	---	---
South Caisson	1001.11	11/7/2007	11.80	P	< 0.01	---	15.00	0.00	989.31	---	---
South Caisson	1001.11	11/13/2007	10.89	P	< 0.01	---	15.00	0.00	990.22	---	---
South Caisson	1001.11	11/20/2007	11.75	P	< 0.01	---	15.00	0.00	989.36	---	---
South Caisson	1001.11	11/27/2007	12.10	P	< 0.01	---	15.00	0.00	989.01	---	---
South Caisson	1001.11	12/4/2007	12.90	P	< 0.01	---	15.00	0.00	988.21	---	---
South Caisson	1001.11	12/10/2007	12.70	P	< 0.01	---	15.00	0.00	988.41	---	---
South Caisson	1001.11	12/18/2007	12.66	---	0.00	---	15.00	0.00	988.45	---	---
South Caisson	1001.11	12/27/2007	12.70	P	< 0.01	---	15.00	0.00	988.41	---	---

NOTES:

1. '---' indicates LNAPL or DNAPL was not present in a measurable quantity
2. P indicates that LNAPL is present at a thickness that is <0.01 feet, the corresponding thickness is recorded as such.

Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)	
B-2	978.06	10/31/2007	7.59	---	0.00	---	15.83	0.00	970.47	---	---	
E-04	987.98	10/31/2007	15.71	---	0.00	---	24.52	0.00	972.27	---	---	
E-07	982.87	10/31/2007	7.89	---	0.00	---	19.64	0.00	974.98	---	---	
EPA-01	983.04	7/24/2007	12.82	---	0.00	---	22.65	0.00	970.22	---	---	
EPA-01	983.04	8/27/2007	13.20	---	0.00	---	22.66	0.00	969.84	---	---	
EPA-01	983.04	9/18/2007	13.10	---	0.00	---	22.65	0.00	969.94	---	---	
EPA-01	983.04	10/30/2007	12.48	---	0.00	---	22.65	0.00	970.56	---	---	
EPA-01	983.04	11/20/2007	12.60	---	0.00	---	22.65	0.00	970.44	---	---	
EPA-01	983.04	12/18/2007	No Access Due to Snow				---	NA	0.00	NA	---	---
GMA1-5	979.50	10/31/2007	9.00	---	0.00	---	13.68	0.00	970.50	---	---	
LS-12	985.49	9/25/2007	15.82	---	0.00	27.25	27.40	0.15	969.67	---	0.093	
LS-12	985.49	10/31/2007	15.28	---	0.00	27.39	27.40	0.01	970.21	---	---	
LS-13	984.65	10/31/2007	16.75	---	0.00	---	29.15	0.00	967.90	---	---	
LS-21	983.42	9/25/2007	---	15.94	>0.83	---	16.77	NA	NA	0.512	---	
LS-21	983.42	10/31/2007	15.70	15.60	0.10	---	16.80	0.00	967.81	---	---	
LS-24	986.58	7/24/2007	18.40	---	0.00	---	19.36	0.00	968.18	---	---	
LS-24	986.58	8/27/2007	18.70	---	0.00	---	19.40	0.00	967.88	---	---	
LS-24	986.58	9/18/2007	18.62	---	0.00	---	19.35	0.00	967.96	---	---	
LS-24	986.58	10/31/2007	18.30	---	0.00	---	19.35	0.00	968.28	---	---	
LS-24	986.58	11/20/2007	18.12	---	0.00	---	19.34	0.00	968.46	---	---	
LS-24	986.58	12/18/2007	18.24	---	0.00	---	19.35	0.00	968.34	---	---	
LS-29	988.25	10/25/07	18.57	---	0.00	---	38.10	0.00	969.68	---	---	
LS-29	988.25	10/31/2007	18.28	---	0.00	---	38.05	0.00	969.97	---	---	
LS-30	986.440	7/24/2007	15.93	---	0.00	23.56	23.94	0.38	970.51	---	---	
LS-30	986.440	8/27/2007	16.41	---	0.00	22.1	23.94	1.84	970.03	---	1.14	
LS-30	986.440	9/25/2007	16.38	---	0.00	23.02	23.93	0.91	970.06	---	0.561	
LS-30	986.440	10/31/2007	16.08	---	0.00	22.30	23.93	1.63	970.36	---	---	

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
LS-30	986.440	12/18/2007	16.03	---	0.00	21.75	23.93	2.18	970.41	---	1.345
LS-31	987.090	7/24/2007	16.20	16.15	0.05	25.00	25.45	0.45	970.94	---	---
LS-31	987.090	8/27/2007	16.81	16.47	0.34	24.80	25.45	0.65	970.60	0.210	0.40
LS-31	987.090	9/25/2007	16.75	16.58	0.17	24.74	25.45	0.71	970.50	0.105	0.438
LS-31	987.090	10/31/2007	17.40	16.29	1.11	24.60	25.45	0.85	970.72	---	---
LS-31	987.090	11/20/2007	16.13	---	0.00	24.35	25.45	1.10	970.96	---	0.679
LS-31	987.090	12/18/2007	16.08	15.94	0.14	24.85	25.45	0.60	971.14	---	0.370
LS-34	985.79	7/24/2007	15.60	---	0.00	28.90	29.74	0.84	970.19	---	0.518
LS-34	985.79	9/25/2007	16.05	---	0.00	29.26	29.74	0.48	969.74	---	0.296
LS-34	985.79	10/31/2007	15.51	---	0.00	29.33	29.70	0.37	970.28	---	---
LS-38	986.95	7/24/2007	17.20	---	0.00	---	26.04	0.00	969.75	---	---
LS-38	986.95	8/27/2007	17.58	---	0.00	---	26.09	0.00	969.37	---	---
LS-38	986.95	10/31/2007	16.95	---	0.00	---	26.03	0.00	970.00	---	---
LS-38	986.95	11/20/2007	16.84	---	0.00	---	26.05	0.00	970.11	---	---
LS-38	986.95	12/18/2007	16.94	---	0.00	---	26.05	0.00	970.01	---	---
LS-43	981.17	7/24/2007	Could Not Locate - Possibly Well Destroyed(?)				NA	NA	NA	---	---
LS-43	981.17	10/31/2007	11.41	---	0.00	---	22.55	0.00	969.76	---	---
LS-44	980.78	7/24/2007	10.50	---	0.00	---	24.70	0.00	970.28	---	---
LS-44	980.78	8/27/2007	10.75	---	0.00	---	24.72	0.00	970.03	---	---
LS-44	980.78	9/18/2007	10.62	---	0.00	---	24.71	0.00	970.16	---	---
LS-44	980.78	10/31/2007	10.12	---	0.00	---	24.63	0.00	970.66	---	---
LS-44	980.78	11/20/2007	8.25	---	0.00	---	24.15	0.00	972.53	---	---
LS-44	980.78	12/18/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-06	984.91	10/31/2007	16.41	16.39	0.02	---	23.62	0.00	968.52	---	---
LSSC-07	982.48	7/31/2000	11.60	---	0.00	24.60	25.08	0.48	970.88	---	0.296
LSSC-07	982.48	7/3/2007	11.53	---	0.00	24.85	25.08	0.23	970.95	---	0.136
LSSC-07	982.48	7/9/2007	11.10	---	0.00	24.85	25.08	0.23	971.38	---	0.142

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
LSSC-07	982.48	7/18/2007	11.50	---	0.00	24.85	25.08	0.23	970.98	---	0.142
LSSC-07	982.48	7/24/2007	11.50	---	0.00	24.90	25.08	0.18	970.98	---	0.111
LSSC-07	982.48	8/7/2007	11.75	---	0.00	24.84	25.08	0.24	970.73	---	0.148
LSSC-07	982.48	8/15/2007	11.70	---	0.00	24.90	25.08	0.18	970.78	---	0.038
LSSC-07	982.48	8/21/2007	11.80	---	0.00	24.65	25.08	0.43	970.68	---	0.265
LSSC-07	982.48	8/27/2007	11.88	---	0.00	24.90	25.08	0.18	970.60	---	0.11
LSSC-07	982.48	9/4/2007	11.93	---	0.00	24.80	25.08	0.28	970.55	---	0.173
LSSC-07	982.48	9/10/2007	11.55	---	0.00	24.80	25.08	0.28	970.93	---	---
LSSC-07	982.48	9/18/2007	11.70	---	0.00	24.78	25.08	0.30	970.78	---	---
LSSC-07	982.48	9/25/2007	11.90	---	0.00	24.30	25.08	0.78	970.58	---	0.481
LSSC-07	982.48	10/2/2007	11.95	---	0.00	24.55	25.08	0.53	970.53	---	---
LSSC-07	982.48	10/8/2007	11.95	---	0.00	24.15	25.08	0.93	970.53	---	---
LSSC-07	982.48	10/16/2007	11.75	---	0.00	23.90	25.08	1.18	970.73	---	---
LSSC-07	982.48	10/24/2007	11.60	---	0.00	24.07	25.08	1.01	970.88	---	---
LSSC-07	982.48	10/29/2007	10.92	---	0.00	24.10	25.08	0.98	971.56	---	0.605
LSSC-07	982.48	11/6/2007	11.40	---	0.00	24.70	25.08	0.38	971.08	---	0.234
LSSC-07	982.48	11/14/2007	11.44	---	0.00	24.75	25.08	0.33	971.04	---	0.204
LSSC-07	982.48	11/20/2007	11.20	---	0.00	24.80	25.08	0.28	971.28	---	0.173
LSSC-07	982.48	11/28/2007	10.98	---	0.00	24.78	25.08	0.30	971.50	---	0.185
LSSC-07	982.48	12/4/2007	11.31	---	0.00	24.85	25.08	0.23	971.17	---	0.142
LSSC-07	982.48	12/11/2007	11.45	---	0.00	24.87	25.08	0.21	971.03	---	0.130
LSSC-07	982.48	12/18/2007	11.30	---	0.00	24.85	25.08	0.23	971.18	---	0.142
LSSC-07	982.48	12/24/2007	10.40	---	0.00	24.80	25.08	0.28	972.08	---	0.173
LSSC-08I	983.13	7/3/2007	13.24	---	0.00	---	23.36	0.00	969.89	---	---
LSSC-08I	983.13	7/9/2007	12.75	---	0.00	23.35	23.36	0.01	970.38	---	0.006
LSSC-08I	983.13	7/18/2007	12.94	---	0.00	---	23.35	0.00	970.19	---	---
LSSC-08I	983.13	7/24/2007	13.00	---	0.00	---	23.36	0.00	970.13	---	---

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
LSSC-08I	983.13	7/31/2007	13.14	---	0.00	23.35	23.36	0.01	969.99	---	0.006
LSSC-08I	983.13	8/7/2007	13.25	---	0.00	---	23.36	0.00	969.88	---	---
LSSC-08I	983.13	8/15/2007	13.20	---	0.00	---	23.36	0.00	969.93	---	---
LSSC-08I	983.13	8/21/2007	13.25	---	0.00	23.33	23.35	0.02	969.88	---	0.012
LSSC-08I	983.13	8/27/2007	13.30	---	0.00	---	23.35	0.00	969.83	---	---
LSSC-08I	983.13	9/4/2007	13.40	---	0.00	23.34	23.37	0.03	969.73	---	0.019
LSSC-08I	983.13	9/10/2007	12.84	---	0.00	---	23.35	0.00	970.29	---	---
LSSC-08I	983.13	9/18/2007	13.20	---	0.00	---	23.35	0.00	969.93	---	---
LSSC-08I	983.13	9/25/2007	13.30	---	0.00	23.32	23.35	0.03	969.83	---	0.001
LSSC-08I	983.13	10/2/2007	13.35	---	0.00	23.30	23.35	0.05	969.78	---	---
LSSC-08I	983.13	10/8/2007	13.35	---	0.00	---	23.35	0.00	969.78	---	---
LSSC-08I	983.13	10/16/2007	13.24	---	0.00	23.30	23.35	0.05	969.89	---	---
LSSC-08I	983.13	10/24/2007	12.98	---	0.00	23.30	23.35	0.05	970.15	---	---
LSSC-08I	983.13	10/29/2007	12.24	---	0.00	23.30	23.35	0.05	970.89	---	0.03
LSSC-08I	983.13	10/30/2007	12.88	---	0.00	23.30	23.36	0.06	970.25	---	---
LSSC-08I	983.13	11/6/2007	12.63	---	0.00	---	23.35	0.00	970.50	---	---
LSSC-08I	983.13	11/14/2007	12.78	---	0.00	23.34	23.35	0.01	970.35	---	0.006
LSSC-08I	983.13	11/20/2007	12.55	---	0.00	23.34	23.35	0.01	970.58	---	0.006
LSSC-08I	983.13	11/28/2007	12.25	---	0.00	---	23.35	0.00	970.88	---	---
LSSC-08I	983.13	12/4/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-08I	983.13	12/11/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-08I	983.13	12/18/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-08I	983.13	12/24/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-08S	983.11	7/24/2007	13.00	---	0.00	---	14.68	0.00	970.11	---	---
LSSC-08S	983.11	8/27/2007	13.38	---	0.00	---	14.68	0.00	969.73	---	---
LSSC-08S	983.11	9/18/2007	13.22	---	0.00	---	14.68	0.00	969.89	---	---
LSSC-08S	983.11	10/17/2007	13.21	---	0.00	---	14.60	0.00	969.90	---	---

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
LSSC-08S	983.11	10/30/2007	12.65	---	0.00	---	14.65	0.00	970.46	---	---
LSSC-08S	983.11	11/20/2007	12.60	---	0.00	---	14.68	0.00	970.51	---	---
LSSC-08S	983.11	12/18/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-09	985.06	10/31/2007	15.46	---	0.00	---	21.60	0.00	969.60	---	---
LSSC-16I	980.88	7/24/2007	9.80	---	0.00	---	28.51	0.00	971.08	---	---
LSSC-16I	980.88	8/27/2007	10.15	---	0.00	---	28.53	0.00	970.73	---	---
LSSC-16I	980.88	9/25/2007	10.22	---	0.00	---	28.53	0.00	970.66	---	---
LSSC-16I	980.88	10/31/2007	9.65	---	0.00	---	28.50	0.00	971.23	---	---
LSSC-16I	980.88	11/20/2007	9.52	---	0.00	---	28.52	0.00	971.36	---	---
LSSC-16I	980.88	12/18/2007	9.60	---	0.00	---	28.53	0.00	971.28	---	---
LSSC-16S	981.37	10/17/2007	10.53	---	0.00	---	13.70	0.00	970.84	---	---
LSSC-16S	981.37	10/31/2007	10.07	---	0.00	---	13.70	0.00	971.30	---	---
LSSC-18	987.32	7/24/2007	18.81	---	0.00	---	22.50	0.00	968.51	---	---
LSSC-18	987.32	8/27/2007	19.12	---	0.00	---	22.50	0.00	968.20	---	---
LSSC-18	987.32	9/18/2007	19.05	---	0.00	---	22.50	0.00	968.27	---	---
LSSC-18	987.32	10/25/2007	19.85	---	0.00	---	22.30	0.00	967.47	---	---
LSSC-18	987.32	10/31/2007	18.70	---	0.00	---	22.49	0.00	968.62	---	---
LSSC-18	987.32	11/20/2007	18.50	---	0.00	---	22.50	0.00	968.82	---	---
LSSC-18	987.32	12/18/2007	18.65	---	0.00	---	22.50	0.00	968.67	---	---
LSSC-32	980.68	7/24/2007	9.95	---	0.00	---	35.24	0.00	970.73	---	---
LSSC-32	980.68	8/27/2007	10.35	---	0.00	---	35.24	0.00	970.33	---	---
LSSC-32	980.68	9/18/2007	10.25	---	0.00	---	35.24	0.00	970.43	---	---
LSSC-32	980.68	10/31/2007	9.73	---	0.00	---	35.18	0.00	970.95	---	---
LSSC-32	980.68	11/20/2007	9.63	---	0.00	---	35.24	0.00	971.05	---	---
LSSC-32	980.68	12/18/2007	9.68	---	0.00	---	35.22	0.00	971.00	---	---
LSSC-33	980.49	7/24/2007	9.78	---	0.00	---	29.15	0.00	970.71	---	---
LSSC-33	980.49	8/27/2007	10.13	---	0.00	---	29.10	0.00	970.36	---	---

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
LSSC-33	980.49	9/18/2007	9.98	---	0.00	---	29.10	0.00	970.51	---	---
LSSC-33	980.49	10/31/2007	9.53	---	0.00	---	29.05	0.00	970.96	---	---
LSSC-33	980.49	11/20/2007	9.44	---	0.00	---	29.10	0.00	971.05	---	---
LSSC-33	980.49	12/18/2007	No Access Due to Snow				NA	NA	NA	---	---
LSSC-34I	984.74	7/24/2007	16.15	---	0.00	30.55	30.75	0.20	968.59	---	---
LSSC-34I	984.74	9/25/2007	16.56	---	0.00	30.37	30.74	0.37	968.18	---	0.228
LSSC-34I	984.74	10/31/2007	16.00	---	0.00	---	18.96	0.00	968.74	---	---
LSSC-34S	985.01	10/31/2007	16.00	---	0.00	30.60	30.73	0.13	969.01	---	---
MW-3R	983.54	10/31/2007	11.22	---	0.00	---	15.45	0.00	972.32	---	---
MW-4R	980.82	7/24/2007	10.15	---	0.00	---	14.05	0.00	970.67	---	---
MW-4R	980.82	10/17/2007	10.40	---	0.00	---	14.05	0.00	970.42	---	---
MW-4R	980.82	10/31/2007	9.91	---	0.00	---	14.05	0.00	970.91	---	---
MW-6R	985.14	10/31/2007	12.15	---	0.00	---	13.92	0.00	972.99	---	---
RW-1	984.88	7/5/2007	12.75	P	< 0.01	P	21.00	< 0.01	972.13	---	---
RW-1	984.88	7/10/2007	12.80	P	< 0.01	P	21.00	< 0.01	972.08	---	---
RW-1	984.88	7/18/2007	12.85	P	< 0.01	P	21.00	< 0.01	972.03	---	---
RW-1	984.88	7/27/2007	13.84	---	0.00	P	21.00	< 0.01	971.04	---	---
RW-1	984.88	8/1/2007	11.90	P	< 0.01	---	21.00	0.00	972.98	---	---
RW-1	984.88	8/9/2007	12.80	---	0.00	---	21.00	0.00	972.08	---	---
RW-1 (R)	985.07	7/5/2007	15.83	---	0.00	P	20.42	< 0.01	969.24	---	---
RW-1 (R)	985.07	7/10/2007	15.70	P	< 0.01	P	20.42	< 0.01	969.37	---	---
RW-1 (R)	985.07	7/18/2007	15.95	P	< 0.01	P	20.42	< 0.01	969.12	---	---
RW-1 (R)	985.07	7/27/2007	16.86	P	< 0.01	P	20.42	< 0.01	968.21	---	---
RW-1 (R)	985.07	8/1/2007	13.10	P	< 0.01	---	20.42	0.00	971.97	---	---
RW-1 (R)	985.07	8/9/2007	17.40	P	< 0.01	---	21.65	0.00	967.67	---	---
RW-1 (R)	985.07	8/14/2007	14.62	P	< 0.01	P	21.65	< 0.01	970.45	---	---
RW-1 (R)	985.07	8/21/2007	16.91	---	0.00	P	21.65	< 0.01	968.16	---	---

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
RW-1 (R)	985.07	8/30/2007	17.20	---	0.00	P	21.65	< 0.01	967.87	---	---
RW-1 (R)	985.07	9/4/2007	17.10	P	< 0.01	P	21.65	< 0.01	967.97	---	---
RW-1 (R)	985.07	9/13/2007	17.20	P	< 0.01	P	21.65	< 0.01	967.87	---	---
RW-1 (R)	985.07	9/18/2007	17.10	P	< 0.01	P	21.65	< 0.01	967.97	---	---
RW-1 (R)	985.07	9/27/2007	16.99	---	0.00	P	21.65	< 0.01	968.08	---	---
RW-1 (R)	985.07	10/2/2007	16.90	---	0.00	P	21.65	< 0.01	968.17	---	---
RW-1 (R)	985.07	10/9/2007	16.90	---	0.00	P	21.65	< 0.01	968.17	---	---
RW-1 (R)	985.07	10/16/2007	17.10	---	0.00	P	21.65	< 0.01	967.97	---	---
RW-1 (R)	985.07	10/23/2007	17.20	---	0.00	P	21.65	< 0.01	967.87	---	---
RW-1 (R)	985.07	10/30/2007	17.15	P	< 0.01	P	21.65	< 0.01	967.92	---	---
RW-1 (R)	985.07	11/7/2007	17.20	P	< 0.01	P	21.65	< 0.01	967.87	---	---
RW-1 (R)	985.07	11/13/2007	17.08	P	< 0.01	P	21.65	< 0.01	967.99	---	---
RW-1 (R)	985.07	11/20/2007	17.20	17.19	0.01	P	21.65	< 0.01	967.88	---	---
RW-1 (R)	985.07	11/27/2007	17.10	P	< 0.01	P	21.65	< 0.01	967.97	---	---
RW-1 (R)	985.07	12/4/2007	17.00	P	< 0.01	P	21.65	< 0.01	968.07	---	---
RW-1 (R)	985.07	12/10/2007	16.96	P	< 0.01	P	21.65	< 0.01	968.11	---	---
RW-1 (R)	985.07	12/18/2007	17.20	P	< 0.01	P	21.65	< 0.01	967.87	---	---
RW-1 (R)	985.07	12/27/2007	18.85	P	< 0.01	P	21.65	< 0.01	966.22	---	---
RW-2	987.82	7/5/2007	14.38	---	0.00	---	21.75	0.00	973.44	---	---
RW-2	987.82	7/10/2007	15.35	---	0.00	---	21.75	0.00	972.47	---	---
RW-2	987.82	7/18/2007	14.50	---	0.00	---	21.75	0.00	973.32	---	---
RW-2	987.82	7/27/2007	14.74	---	0.00	---	21.75	0.00	973.08	---	---
RW-2	987.82	8/1/2007	NA	---	0.00	---	21.75	0.00	NA	---	---
RW-2	987.82	8/9/2007	17.92	---	0.00	---	24.71	0.00	969.90	---	---
RW-2	987.82	8/14/2007	17.20	---	0.00	---	24.71	0.00	970.62	---	---
RW-2	987.82	8/21/2007	17.41	---	0.00	---	21.75	0.00	970.41	---	---
RW-2	987.82	8/30/2007	17.78	---	0.00	---	24.70	0.00	970.04	---	---

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
RW-2	987.82	9/4/2007	17.80	---	0.00	---	24.70	0.00	970.02	---	---
RW-2	987.82	9/13/2007	17.70	---	0.00	---	24.70	0.00	970.12	---	---
RW-2	987.82	9/18/2007	18.10	---	0.00	---	24.70	0.00	969.72	---	---
RW-2	987.82	9/27/2007	18.03	---	0.00	---	24.70	0.00	969.79	---	---
RW-2	987.82	10/2/2007	18.20	---	0.00	---	24.70	0.00	969.62	---	---
RW-2	987.82	10/9/2007	17.75	---	0.00	---	24.70	0.00	970.07	---	---
RW-2	987.82	10/16/2007	17.90	---	0.00	---	24.70	0.00	969.92	---	---
RW-2	987.82	10/23/2007	18.81	---	0.00	---	24.70	0.00	969.01	---	---
RW-2	987.82	10/30/2007	17.91	---	0.00	---	24.70	0.00	969.91	---	---
RW-2	987.82	11/7/2007	17.38	---	0.00	---	24.70	0.00	970.44	---	---
RW-2	987.82	11/13/2007	17.37	---	0.00	---	24.70	0.00	970.45	---	---
RW-2	987.82	11/20/2007	17.21	---	0.00	---	24.70	0.00	970.61	---	---
RW-2	987.82	11/27/2007	17.11	---	0.00	---	24.70	0.00	970.71	---	---
RW-2	987.82	12/4/2007	17.18	---	0.00	---	24.70	0.00	970.64	---	---
RW-2	987.82	12/10/2007	17.78	---	0.00	---	24.70	0.00	970.04	---	---
RW-2	987.82	12/18/2007	17.60	---	0.00	---	24.70	0.00	970.22	---	---
RW-2	987.82	12/27/2007	16.60	---	0.00	---	24.70	0.00	971.22	---	---
RW-3	984.08	7/5/2007	16.35	16.34	0.01	---	21.57	0.00	967.74	---	---
RW-3	984.08	7/10/2007	15.40	15.36	0.04	---	21.57	0.00	968.72	---	---
RW-3	984.08	7/18/2007	16.30	16.27	0.03	---	21.57	0.00	967.81	---	---
RW-3	984.08	7/27/2007	16.65	16.61	0.04	---	21.57	0.00	967.47	---	---
RW-3	984.08	8/1/2007	15.61	---	0.00	---	21.57	0.00	968.47	---	---
RW-3	984.08	8/9/2007	18.30	18.29	0.01	---	22.70	0.00	965.79	---	---
RW-3	984.08	8/14/2007	18.11	18.10	0.01	---	22.70	0.00	965.98	---	---
RW-3	984.08	8/21/2007	18.11	18.10	0.01	---	21.57	0.00	965.98	---	---
RW-3	984.08	8/30/2007	18.51	18.49	0.02	---	22.70	0.00	965.59	---	---
RW-3	984.08	9/4/2007	18.33	18.29	0.04	---	22.70	0.00	965.79	---	---

Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)	
RW-3	984.08	9/13/2007	18.45	18.42	0.03	---	22.70	0.00	965.66	---	---	
RW-3	984.08	9/18/2007	17.36	17.33	0.03	---	22.70	0.00	966.75	---	---	
RW-3	984.08	9/27/2007	17.31	17.30	0.01	---	22.70	0.00	966.78	---	---	
RW-3	984.08	10/2/2007	17.22	17.20	0.02	---	22.70	0.00	966.88	---	---	
RW-3	984.08	10/9/2007	17.23	17.20	0.03	---	22.70	0.00	966.88	---	---	
RW-3	984.08	10/16/2007	17.50	17.43	0.07	---	22.70	0.00	966.65	---	---	
RW-3	984.08	10/23/2007	17.42	17.40	0.02	---	22.70	0.00	966.68	---	---	
RW-3	984.08	10/30/2007	17.36	17.30	0.06	---	22.70	0.00	966.78	---	---	
RW-3	984.08	11/7/2007	17.32	17.30	0.02	---	22.70	0.00	966.78	---	---	
RW-3	984.08	11/13/2007	17.25	17.18	0.07	---	22.70	0.00	966.90	---	---	
RW-3	984.08	11/20/2007	17.40	17.38	0.02	---	22.70	0.00	966.70	---	---	
RW-3	984.08	11/27/2007	17.70	17.64	0.06	---	22.70	0.00	966.44	---	---	
RW-3	984.08	12/4/2007	17.52	17.50	0.02	---	22.70	0.00	966.58	---	---	
RW-3	984.08	12/10/2007	17.53	17.50	0.03	---	22.70	0.00	966.58	---	---	
RW-3	984.08	12/18/2007	17.80	17.75	0.05	---	22.70	0.00	966.33	---	---	
RW-3	984.08	12/27/2007	17.21	17.20	0.01	---	22.70	0.00	966.88	---	---	
Housatonic River (Lyman Street Bridge)												
BM-2A	986.32	7/3/2007	16.58	See Note 5 regarding depth to water						969.74	---	---
BM-2A	986.32	7/11/2007	16.50	See Note 5 regarding depth to water						969.82	---	---
BM-2A	986.32	7/18/2007	16.45	See Note 5 regarding depth to water						969.87	---	---
BM-2A	986.32	7/25/2007	16.48	See Note 5 regarding depth to water						969.84	---	---
BM-2A	986.32	7/30/2007	16.51	See Note 5 regarding depth to water						969.81	---	---
BM-2A	986.32	8/7/2007	16.60	See Note 5 regarding depth to water						969.72	---	---
BM-2A	986.32	8/15/2007	16.60	See Note 5 regarding depth to water						969.72	---	---
BM-2A	986.32	8/22/2007	16.65	See Note 5 regarding depth to water						969.67	---	---
BM-2A	986.32	8/27/2007	16.70	See Note 5 regarding depth to water						969.62	---	---
BM-2A	986.32	9/5/2007	16.72	See Note 5 regarding depth to water						969.60	---	---

**Table E-6
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Lyman Street Area**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
BM-2A	986.32	9/12/2007	16.06	See Note 5 regarding depth to water					970.26	---	---
BM-2A	986.32	9/17/2007	16.58	See Note 5 regarding depth to water					969.74	---	---
BM-2A	986.32	9/26/2007	16.70	See Note 5 regarding depth to water					969.62	---	---
BM-2A	986.32	10/2/2007	16.65	See Note 5 regarding depth to water					969.67	---	---
BM-2A	986.32	10/8/2007	16.71	See Note 5 regarding depth to water					969.61	---	---
BM-2A	986.32	10/17/2007	16.40	See Note 5 regarding depth to water					969.92	---	---
BM-2A	986.32	10/24/2007	16.35	See Note 5 regarding depth to water					969.97	---	---
BM-2A	986.32	10/29/2007	15.98	See Note 5 regarding depth to water					970.34	---	---
BM-2A	986.32	11/6/2007	16.15	See Note 5 regarding depth to water					970.17	---	---
BM-2A	986.32	11/14/2007	16.25	See Note 5 regarding depth to water					970.07	---	---
BM-2A	986.32	11/21/2007	16.35	See Note 5 regarding depth to water					969.97	---	---
BM-2A	986.32	11/28/2007	15.90	See Note 5 regarding depth to water					970.42	---	---
BM-2A	986.32	12/5/2007	16.31	See Note 5 regarding depth to water					970.01	---	---
BM-2A	986.32	12/12/2007	16.10	See Note 5 regarding depth to water					970.22	---	---
BM-2A	986.32	12/19/2007	16.28	See Note 5 regarding depth to water					970.04	---	---
BM-2A	986.32	12/26/2007	15.28	See Note 5 regarding depth to water					971.04	---	---

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
5. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in

Table E-7
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Newell Street Area II

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
GMA1-25	987.19	7/23/2007	13.20	---	0.00	---	17.32	0.00	973.99	---	---
GMA1-25	987.19	10/18/2007	14.08	---	0.00	---	17.18	0.00	973.11	---	---
GMA1-25	987.19	10/30/2007	13.73	---	0.00	---	17.35	0.00	973.46	---	---
GMA1-26	985.53	7/23/2007	12.40	---	0.00	---	16.98	0.00	973.13	---	---
GMA1-26	985.53	10/30/2007	12.66	---	0.00	---	16.97	0.00	972.87	---	---
GMA1-27	983.29	7/23/2007	8.68	---	0.00	---	16.45	0.00	974.61	---	---
GMA1-27	983.29	10/18/2007	9.78	---	0.00	---	16.45	0.00	973.51	---	---
GMA1-27	983.29	10/30/2007	9.51	---	0.00	---	16.44	0.00	973.78	---	---
GMA1-28	983.49	7/23/2007	10.80	---	0.00	---	16.16	0.00	972.69	---	---
GMA1-28	983.49	10/30/2007	11.95	---	0.00	---	16.15	0.00	971.54	---	---
GMA1-8	981.66	7/23/2007	10.05	---	0.00	---	16.20	0.00	971.61	---	---
GMA1-8	981.66	10/30/2007	9.81	---	0.00	---	16.19	0.00	971.85	---	---
GMA1-9	982.36	7/23/2007	10.15	---	0.00	---	14.34	0.00	972.21	---	---
GMA1-9	982.36	10/30/2007	10.15	---	0.00	---	16.19	0.00	972.21	---	---
MW-1D	987.20	7/23/2007	13.96	---	0.00	38.30	38.74	0.44	973.24	---	---
MW-1D	987.20	9/26/2007	14.57	---	0.00	38.30	38.74	0.44	972.63	---	0.271
MW-1D	987.20	10/30/2007	14.98	---	0.00	38.60	38.72	0.12	972.22	---	---
MW-1S	986.60	7/23/2007	14.02	---	0.00	22.10	22.32	0.22	972.58	---	---
MW-1S	986.60	9/26/2007	14.63	---	0.00	22.05	22.38	0.33	971.97	---	0.204
MW-1S	986.60	10/30/2007	14.07	---	0.00	22.33	22.35	0.02	972.53	---	---
N2SC-01I	984.99	7/23/2007	12.35	---	0.00	37.50	40.40	2.90	972.64	---	---
N2SC-01I	984.99	8/27/2007	12.82	---	0.00	37.50	40.40	2.90	972.17	---	---
N2SC-01I	984.99	9/26/2007	12.92	---	0.00	37.15	40.38	3.23	972.07	---	1.993
N2SC-01I	984.99	10/30/2007	12.25	---	0.00	37.02	40.38	3.36	972.74	---	---
N2SC-01I	984.99	11/21/2007	12.30	---	0.00	37.50	40.40	2.90	972.69	---	---
N2SC-01I	984.99	12/18/2007	12.30	---	0.00	37.80	40.40	2.60	972.69	---	---
N2SC-01I(R)	986.01	7/5/2007	15.9	NM	NM	41.80	42.60	0.80	970.11	---	---
N2SC-01I®	986.01	7/10/2007	15.91	---	0.00	41.90	42.60	0.70	970.10	---	---
N2SC-01I(R)	986.01	7/18/2007	16.00	NM	NM	41.60	42.60	1.00	970.01	---	---
N2SC-01I(R)	986.01	7/27/2007	16.06	NM	NM	42.58	42.60	0.02	969.95	---	---
N2SC-01I(R)	986.01	8/1/2007	16.2	---	0.00	P	42.60	< 0.01	969.81	---	---
N2SC-01I(R)	986.01	8/9/2007	16.15	---	0.00	P	42.60	< 0.01	969.86	---	---
N2SC-01I(R)	986.01	8/14/2007	16.20	---	0.00	42.40	42.60	0.20	969.81	---	---
N2SC-01I(R)	986.01	8/21/2007	15.30	---	0.00	41.95	42.60	0.65	970.71	---	---
N2SC-01I(R)	986.01	8/30/2007	16.37	---	0.00	42.16	42.60	0.44	969.64	---	---
N2SC-01I(R)	986.01	9/4/2007	16.44	NM	NM	42.40	42.60	0.20	969.57	---	---
N2SC-01I(R)	986.01	9/13/2007	16.05	NM	NM	41.86	42.60	0.74	969.96	---	---

**Table E-7
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Newell Street Area II**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
N2SC-01I(R)	986.01	9/18/2007	16.30	NM	NM	42.60	42.60	0.00	969.71	---	---
N2SC-01I(R)	986.01	9/27/2007	16.44	NM	NM	41.93	42.60	0.67	969.57	---	---
N2SC-01I(R)	986.01	10/2/2007	16.50	NM	NM	42.40	42.60	0.20	969.51	---	---
N2SC-01I(R)	986.01	10/9/2007	16.60	NM	NM	41.90	42.60	0.70	969.41	---	---
N2SC-01I(R)	986.01	10/16/2007	16.31	NM	NM	41.70	42.60	0.90	969.70	---	---
N2SC-01I(R)	986.01	10/23/2007	16.15	NM	NM	42.30	42.60	0.30	969.86	---	---
N2SC-01I(R)	986.01	10/30/2007	15.91	NM	NM	40.70	42.60	1.90	970.10	---	---
N2SC-01I(R)	986.01	11/7/2007	15.8	NM	NM	41.25	42.60	1.35	970.21	---	---
N2SC-01I(R)	986.01	11/13/2007	16.09	NM	NM	39.65	42.60	2.95	969.92	---	---
N2SC-01I(R)	986.01	11/20/2007	16.73	NM	NM	41.90	42.60	0.70	969.28	---	---
N2SC-01I(R)	986.01	11/27/2007	16.66	NM	NM	41.26	42.60	1.34	969.35	---	---
N2SC-01I(R)	986.01	12/4/2007	16.88	NM	NM	41.60	42.60	1.00	969.13	---	---
N2SC-01I(R)	986.01	12/10/2007	16.02	NM	NM	41.20	42.60	1.40	969.99	---	---
N2SC-01I(R)	986.01	12/18/2007	16.89	NM	NM	42.03	42.60	0.57	969.12	---	---
N2SC-01I(R)	986.01	12/27/2007	15.25	NM	NM	42.30	42.60	0.30	970.76	---	---
N2SC-02	985.56	7/23/2007	11.45	---	0.00	---	38.36	0.00	974.11	---	---
N2SC-02	985.56	8/27/2007	11.91	---	0.00	---	38.38	0.00	973.65	---	---
N2SC-02	985.56	9/26/2007	12.10	---	0.00	---	38.35	0.00	973.46	---	---
N2SC-02	985.56	10/30/2007	11.31	---	0.00	---	38.35	0.00	974.25	---	---
N2SC-02	985.56	11/21/2007	11.30	---	0.00	---	38.35	0.00	974.26	---	---
N2SC-02	985.56	12/18/2007	11.43	---	0.00	---	38.35	0.00	974.13	---	---
N2SC-03I	986.24	7/23/2007	10.84	---	0.00	35.95	37.71	1.76	975.40	---	---
N2SC-03I	986.24	8/27/2007	11.35	---	0.00	35.60	37.70	2.10	974.89	---	---
N2SC-03I	986.24	9/26/2007	11.40	---	0.00	35.55	37.70	2.15	974.84	---	1.326
N2SC-03I	986.24	10/30/2007	10.78	---	0.00	36.15	37.70	1.55	975.46	---	---
N2SC-03I	986.24	11/21/2007	10.73	---	0.00	36.26	37.74	1.48	975.51	---	---
N2SC-03I	986.24	12/18/2007	10.98	---	0.00	36.05	37.74	1.69	975.26	---	---
N2SC-03I(R)	985.86	7/5/2007	14.01	NM	NM	38.85	41.10	2.25	971.85	---	---
N2SC-03I(R)	985.86	7/10/2007	14.00	---	0.00	38.90	41.10	2.20	971.86	---	---
N2SC-03I(R)	985.86	7/18/2007	14.08	NM	NM	40.01	41.10	1.09	971.78	---	---
N2SC-03I(R)	985.86	7/27/2007	14.18	NM	NM	38.62	41.10	2.48	971.68	---	---
N2SC-03I(R)	985.86	8/1/2007	14.2	---	0.00	39.80	41.10	1.30	971.66	---	---
N2SC-03I(R)	985.86	8/9/2007	14.60	---	0.00	38.85	41.10	2.25	971.26	---	---
N2SC-03I(R)	985.86	8/14/2007	14.32	---	0.00	39.60	41.10	1.50	971.54	---	---
N2SC-03I(R)	985.86	8/21/2007	14.41	---	0.00	39.85	41.10	1.25	971.45	---	---
N2SC-03I(R)	985.86	8/30/2007	14.5	---	0.00	39.90	41.10	1.20	971.36	---	---
N2SC-03I(R)	985.86	9/4/2007	14.58	NM	NM	39.80	41.10	1.30	971.28	---	---

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Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Newell Street Area II

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
N2SC-03I(R)	985.86	9/13/2007	14.20	NM	NM	38.80	41.10	2.30	971.66	---	---
N2SC-03I(R)	985.86	9/18/2007	14.30	NM	NM	39.00	41.10	2.10	971.56	---	---
N2SC-03I(R)	985.86	9/27/2007	14.60	NM	NM	39.60	41.10	1.50	971.26	---	---
N2SC-03I(R)	985.86	10/2/2007	14.60	NM	NM	39.30	41.10	1.80	971.26	---	---
N2SC-03I(R)	985.86	10/9/2007	14.65	NM	NM	39.60	41.10	1.50	971.21	---	---
N2SC-03I(R)	985.86	10/16/2007	14.50	NM	NM	39.60	41.10	1.50	971.36	---	---
N2SC-03I(R)	985.86	10/23/2007	14.29	NM	NM	39.90	41.10	1.20	971.57	---	---
N2SC-03I(R)	985.86	10/30/2007	13.94	NM	NM	40.01	41.10	1.09	971.92	---	---
N2SC-03I(R)	985.86	11/7/2007	14.02	NM	NM	39.90	41.10	1.20	971.84	---	---
N2SC-03I(R)	985.86	11/13/2007	14.19	NM	NM	39.20	41.10	1.90	971.67	---	---
N2SC-03I(R)	985.86	11/20/2007	13.89	NM	NM	40.50	41.10	0.60	971.97	---	---
N2SC-03I(R)	985.86	11/27/2007	13.80	NM	NM	39.60	41.10	1.50	972.06	---	---
N2SC-03I(R)	985.86	12/4/2007	14.00	NM	NM	39.70	41.10	1.40	971.86	---	---
N2SC-03I(R)	985.86	12/10/2007	14.18	NM	NM	39.10	41.10	2.00	971.68	---	---
N2SC-03I(R)	985.86	12/18/2007	14.09	NM	NM	39.07	41.10	2.03	971.77	---	---
N2SC-03I(R)	985.86	12/27/2007	13.38	NM	NM	39.10	41.10	2.00	972.48	---	---
N2SC-04	NA	9/26/2007	Well Could Not Be Located				NA	NA	NA	---	---
N2SC-07	984.61	7/23/2007	10.64	---	0.00	35.60	35.80	0.20	973.97	---	0.123
N2SC-07	984.61	8/27/2007	11.02	---	0.00	35.73	35.80	0.07	973.59	---	0.04
N2SC-07	984.61	9/26/2007	11.05	---	0.00	35.70	35.78	0.08	973.56	---	0.049
N2SC-07	984.61	10/30/2007	10.39	---	0.00	35.73	35.75	0.02	974.22	---	---
N2SC-07	984.61	11/21/2007	10.43	---	0.00	35.00	35.75	0.75	974.18	---	0.463
N2SC-07	984.61	12/18/2007	Could not locate				NA	NA	NA	---	---
N2SC-07S ⁶	982.93	7/23/2007	11.10	---	0.00	---	19.00	0.00	971.83	---	---
N2SC-07S ⁶	982.93	8/27/2007	11.52	---	0.00	---	19.03	0.00	971.41	---	---
N2SC-07S ⁶	982.93	9/17/2007	11.36	---	0.00	---	19.02	0.00	971.57	---	---
N2SC-07S ⁶	982.93	11/21/2007	10.90	---	0.00	---	19.01	0.00	972.03	---	---
N2SC-07S	982.93	12/4/2007	11.04	---	0.00	---	19.12	0.00	971.89	---	---
N2SC-08	986.07	7/23/2007	11.75	---	0.00	39.65	41.15	1.50	974.32	---	0.925
N2SC-08	986.07	8/27/2007	12.35	---	0.00	39.90	41.20	1.30	973.72	---	0.80
N2SC-08	986.07	9/26/2007	12.52	---	0.00	39.90	41.22	1.32	973.55	---	0.814
N2SC-08	986.07	10/30/2007	11.95	---	0.00	39.85	41.21	1.36	974.12	---	---
N2SC-08	986.07	11/21/2007	11.90	---	0.00	39.40	41.28	1.88	974.17	---	1.160
N2SC-08	986.07	12/18/2007	12.10	---	0.00	39.65	41.24	1.59	973.97	---	0.981
N2SC-09I	987.77	9/26/2007	10.80	---	0.00	38.60	38.83	0.23	976.97	---	0.142
N2SC-09I	987.77	10/30/2007	10.26	---	0.00	---	38.85	0.00	977.51	---	---
N2SC-09S	982.75	7/23/2007	9.60	---	0.00	12.75	13.14	0.39	973.15	---	0.241

**Table E-7
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
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Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
N2SC-09S	982.75	9/26/2007	10.30	---	0.00	13.00	13.10	0.10	972.45	---	0.062
N2SC-09S	982.75	10/30/2007	9.96	---	0.00	---	13.15	0.00	972.79	---	---
N2SC-13I	984.75	9/26/2007	11.14	---	0.00	38.80	39.65	0.85	973.61	---	0.524
N2SC-13I	984.75	10/30/2007	10.50	---	0.00	38.94	39.54	0.60	974.25	---	---
N2SC-14	985.06	7/5/2007	14.73	NM	NM	38.70	40.00	1.30	970.33	---	---
N2SC-14	985.06	7/10/2007	14.70	---	0.00	39.10	40.00	0.90	970.36	---	---
N2SC-14	985.06	7/18/2007	14.87	NM	NM	39.63	40.00	0.37	970.19	---	---
N2SC-14	985.06	7/27/2007	14.91	NM	NM	39.06	40.00	0.94	970.15	---	---
N2SC-14	985.06	8/1/2007	14.9	---	0.00	39.10	40.00	0.90	970.16	---	---
N2SC-14	985.06	8/9/2007	14.91	---	0.00	39.10	40.00	0.90	970.15	---	---
N2SC-14	985.06	8/14/2007	14.96	---	0.00	39.62	40.00	0.38	970.10	---	---
N2SC-14	985.06	8/21/2007	15.09	---	0.00	38.95	40.00	1.05	969.97	---	---
N2SC-14	985.06	8/30/2007	15.17	---	0.00	39.10	40.00	0.90	969.89	---	---
N2SC-14	985.06	9/4/2007	14.24	NM	NM	39.60	40.00	0.40	970.82	---	---
N2SC-14	985.06	9/13/2007	14.80	NM	NM	39.60	40.00	0.40	970.26	---	---
N2SC-14	985.06	9/18/2007	17.36	NM	NM	39.40	40.00	0.60	967.70	---	---
N2SC-14	985.06	9/27/2007	15.25	NM	NM	39.40	40.00	0.60	969.81	---	---
N2SC-14	985.06	10/2/2007	15.30	NM	NM	38.80	40.00	1.20	969.76	---	---
N2SC-14	985.06	10/9/2007	15.29	NM	NM	39.05	40.00	0.95	969.77	---	---
N2SC-14	985.06	10/16/2007	15.10	NM	NM	39.00	40.00	1.00	969.96	---	---
N2SC-14	985.06	10/23/2007	14.93	NM	NM	38.80	40.00	1.20	970.13	---	---
N2SC-14	985.06	10/30/2007	14.55	NM	NM	39.35	40.00	0.65	970.51	---	---
N2SC-14	985.06	11/7/2007	14.6	NM	NM	39.91	40.00	0.09	970.46	---	---
N2SC-14	985.06	11/13/2007	14.81	NM	NM	38.42	40.00	1.58	970.25	---	---
N2SC-14	985.06	11/20/2007	14.54	NM	NM	39.20	40.00	0.80	970.52	---	---
N2SC-14	985.06	11/27/2007	14.39	NM	NM	39.90	40.00	0.10	970.67	---	---
N2SC-14	985.06	12/4/2007	14.08	NM	NM	39.20	40.00	0.80	970.98	---	---
N2SC-14	985.06	12/10/2007	14.82	NM	NM	38.98	40.00	1.02	970.24	---	---
N2SC-14	985.06	12/18/2007	14.65	NM	NM	38.90	40.00	1.10	970.41	---	---
N2SC-14	985.06	12/27/2007	14.00	NM	NM	38.80	40.00	1.20	971.06	---	---
N2SC-16	985.62	10/30/2007	1.55	---	0.00	---	35.85	0.00	984.07	---	---
NS-9	982.51	7/23/2007	Well could not be found				NA	NA	NA	---	---
NS-10	987.14	7/23/2007	13.30	13.00	0.30	---	21.55	0.00	974.12	0.741	---
NS-10	987.14	9/26/2007	14.25	13.65	0.60	---	21.55	0.00	973.45	1.483	---
NS-10	987.14	10/30/2007	14.34	13.65	0.69	---	21.50	0.00	973.44	---	---
NS-15R	NA	12/18/2007	Could not locate				NA	NA	NA	---	---
NS-16	984.46	7/23/2007	Well Destroyed				NA	NA	NA	---	---

Table E-7
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Newell Street Area II

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
NS-17	984.64	7/23/2007	12.68	---	0.00	---	18.73	0.00	971.96	---	---
NS-17	984.64	10/30/2007	12.49	---	0.00	---	18.71	0.00	972.15	---	---
NS-20	985.29	7/23/2007	6.20	---	0.00	---	14.98	0.00	NA	---	---
NS-20	985.29	10/30/2007	7.57	---	0.00	---	14.95	0.00	977.72	---	---
NS-30	985.99	7/23/2007	10.60	---	0.00	35.04	35.10	0.06	975.39	---	0.037
NS-30	985.99	8/27/2007	11.05	---	0.00	34.94	35.10	0.16	974.94	---	---
NS-30	985.99	9/26/2007	11.02	---	0.00	35.03	35.10	0.07	974.97	---	0.043
NS-30	985.99	10/30/2007	10.40	---	0.00	35.03	35.10	0.07	975.59	---	---
NS-30	985.99	11/21/2007	10.35	---	0.00	35.00	35.10	0.10	975.64	---	---
NS-30	985.99	12/18/2007	10.93	---	0.00	35.00	35.10	0.10	975.06	---	---
NS-32	986.20	7/23/2007	11.70	---	0.00	37.90	38.05	0.15	974.50	---	---
NS-32	986.20	8/27/2007	12.04	---	0.00	38.00	38.05	0.05	974.16	---	---
NS-32	986.20	9/26/2007	12.05	---	0.00	37.98	38.04	0.06	974.15	---	---
NS-32	986.20	11/21/2007	11.45	---	0.00	38.02	38.05	0.03	974.75	---	---
NS-32	986.20	12/18/2007	11.58	---	0.00	37.90	38.04	0.14	974.62	---	---
NS-37	986.20	10/30/2007	14.45	---	0.00	---	23.60	0.00	971.75	---	---

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL 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. Data for well N2SC-07S was inadvertently reported in the GE-Pittsfield/Housatonic River Site - Monthly Status Report Pursuant to Consent Decree as data for well NS-15R during the months of July, August, September, and November of 2007.

**Table E-8
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Newell Street Area I**

**NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
FW-16R	986.51	11/2/2007	14.31	---	0.00	---	20.31	0.00	972.20	---	---
IA-9R	984.14	11/2/2007	11.75	---	0.00	---	16.90	0.00	972.39	---	---
MM-1	988.04	11/2/2007	12.57	---	0.00	---	19.40	0.00	975.47	---	---

Notes:

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

Table E-9
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Silver Lake Area

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

Well Name	Measuring Point Elev. (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
Monitoring Wells Adjacent to Silver Lake											
SLGW-01D	983.13	10/30/2007	5.66	---	0.00	---	37.03	0.00	977.47	---	---
SLGW-01S	982.94	10/30/2007	7.07	---	0.00	---	16.10	0.00	975.87	---	---
SLGW-02D	985.10	10/30/2007	Could not locate				NA	NA	NA	---	---
SLGW-02S	985.39	10/30/2007	Could not locate				NA	NA	NA	---	---
SLGW-03D	979.14	10/30/2007	2.52	---	0.00	---	32.07	0.00	976.62	---	---
SLGW-03S	980.21	10/30/2007	4.20	---	0.00	---	14.47	0.00	976.01	---	---
SLGW-04D	983.51	10/30/2007	7.49	---	0.00	---	37.15	0.00	976.02	---	---
SLGW-04S	984.02	10/30/2007	7.98	---	0.00	---	16.70	0.00	976.04	---	---
SLGW-05D	979.30	10/30/2007	3.37	---	0.00	---	34.95	0.00	975.93	---	---
SLGW-05S	979.12	10/30/2007	3.18	---	0.00	---	11.60	0.00	975.94	---	---
SLGW-06D	981.63	10/30/2007	6.85	---	0.00	---	35.05	0.00	974.78	---	---
SLGW-06S	981.66	10/30/2007	5.73	---	0.00	---	13.80	0.00	975.93	---	---
Staff Gauge within Silver Lake											
BM-SL-5	980.27	7/3/2007	4.52	See Note 4 regarding depth to water					975.75	---	---
BM-SL-5	980.27	7/11/2007	4.48	See Note 4 regarding depth to water					975.79	---	---
BM-SL-5	980.27	7/18/2007	4.48	See Note 4 regarding depth to water					975.79	---	---
BM-SL-5	980.27	7/25/2007	4.52	See Note 4 regarding depth to water					975.75	---	---
BM-SL-5	980.27	8/1/2007	4.52	See Note 4 regarding depth to water					975.75	---	---
BM-SL-5	980.27	8/7/2007	4.60	See Note 4 regarding depth to water					975.67	---	---
BM-SL-5	980.27	8/15/2007	4.52	See Note 4 regarding depth to water					975.75	---	---
BM-SL-5	980.27	8/22/2007	4.62	See Note 4 regarding depth to water					975.65	---	---
BM-SL-5	980.27	8/27/2007	4.63	See Note 4 regarding depth to water					975.64	---	---
BM-SL-5	980.27	9/5/2007	4.65	See Note 4 regarding depth to water					975.62	---	---
BM-SL-5	980.27	9/12/2007	4.18	See Note 4 regarding depth to water					976.09	---	---
BM-SL-5	980.27	9/17/2007	4.57	See Note 4 regarding depth to water					975.70	---	---
BM-SL-5	980.27	9/26/2007	4.65	See Note 4 regarding depth to water					975.62	---	---
BM-SL-5	980.27	10/2/2007	4.68	See Note 4 regarding depth to water					975.59	---	---
BM-SL-5	980.27	10/8/2007	4.60	See Note 4 regarding depth to water					975.67	---	---
BM-SL-5	980.27	10/17/2007	4.59	See Note 4 regarding depth to water					975.68	---	---
BM-SL-5	980.27	10/24/2007	4.48	See Note 4 regarding depth to water					975.79	---	---
BM-SL-5	980.27	10/29/2007	4.33	See Note 4 regarding depth to water					975.94	---	---
BM-SL-5	980.27	10/30/2007	4.33	See Note 4 regarding depth to water					975.94	---	---
BM-SL-5	980.27	11/6/2007	4.40	See Note 4 regarding depth to water					975.87	---	---

Table E-9
Fall 2007 Routine Groundwater Elevation and NAPL Monitoring Data
For Silver Lake Area

NAPL Monitoring Report for Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts

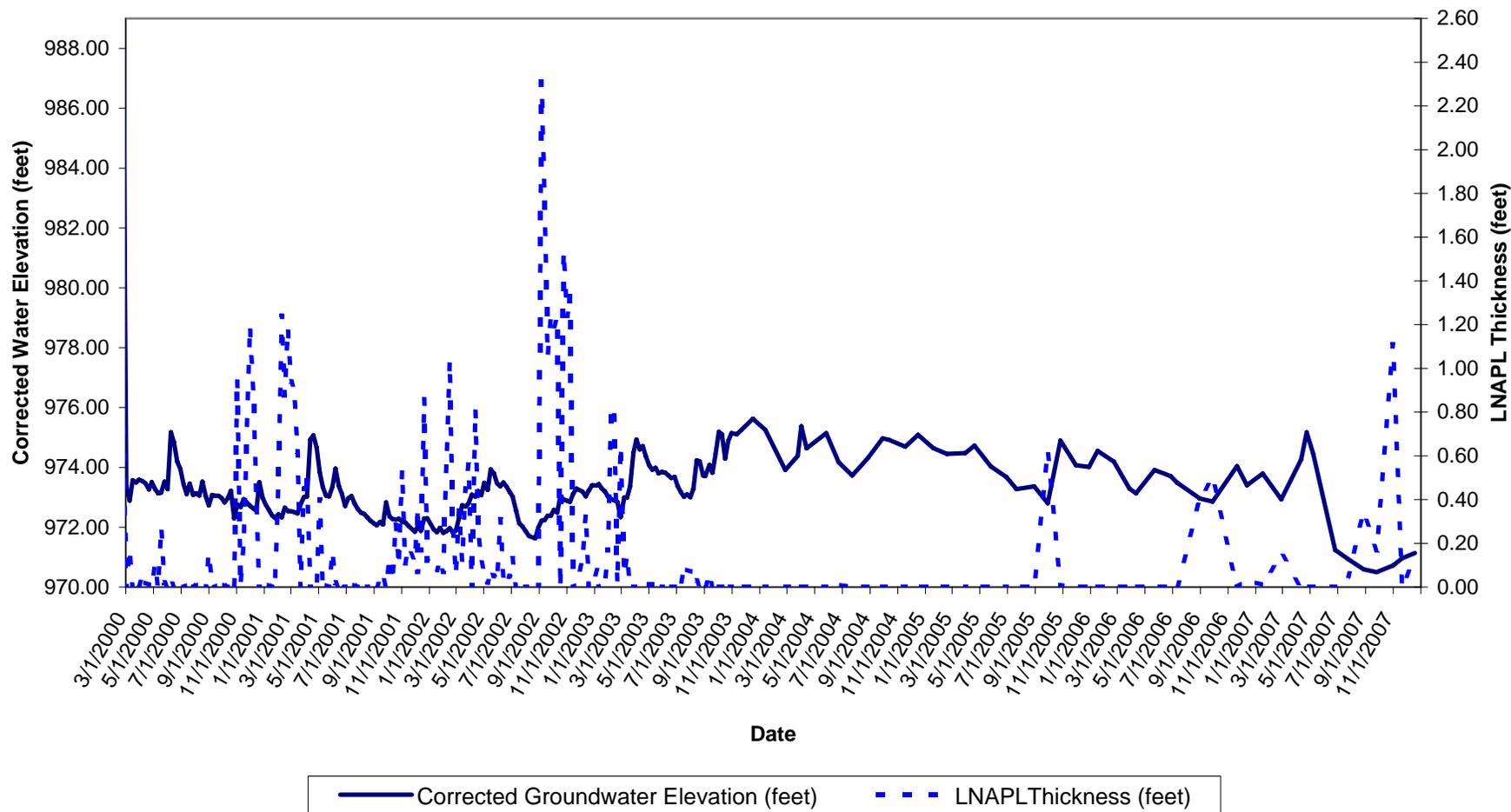
Well Name	Measuring Point Elev (ft.)	Date	Depth to Water (feet BMP)	Depth to LNAPL (feet BMP)	LNAPL Thickness (feet)	Depth to DNAPL (feet BMP)	Total Depth (feet BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)	LNAPL Removed (Liters)	DNAPL Removed (Liters)
BM-SL-5	980.27	11/14/2007	4.55	See Note 4 regarding depth to water					975.72	---	---
BM-SL-5	980.27	11/21/2007	4.48	See Note 4 regarding depth to water					975.79	---	---
BM-SL-5	980.27	11/28/2007	4.47	See Note 4 regarding depth to water					975.80	---	---
BM-SL-5	980.27	12/5/2007	4.49	See Note 4 regarding depth to water					975.78	---	---
BM-SL-5	980.27	12/12/2007	4.47	See Note 4 regarding depth to water					975.80	---	---
BM-SL-5	980.27	12/19/2007	Frozen at 4.28 ft	See Note 4 regarding depth to water					NA	---	---
BM-SL-5	980.27	12/26/2007	Frozen at 4.33 ft	See Note 4 regarding depth to water					NA	---	---

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice.
5. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street

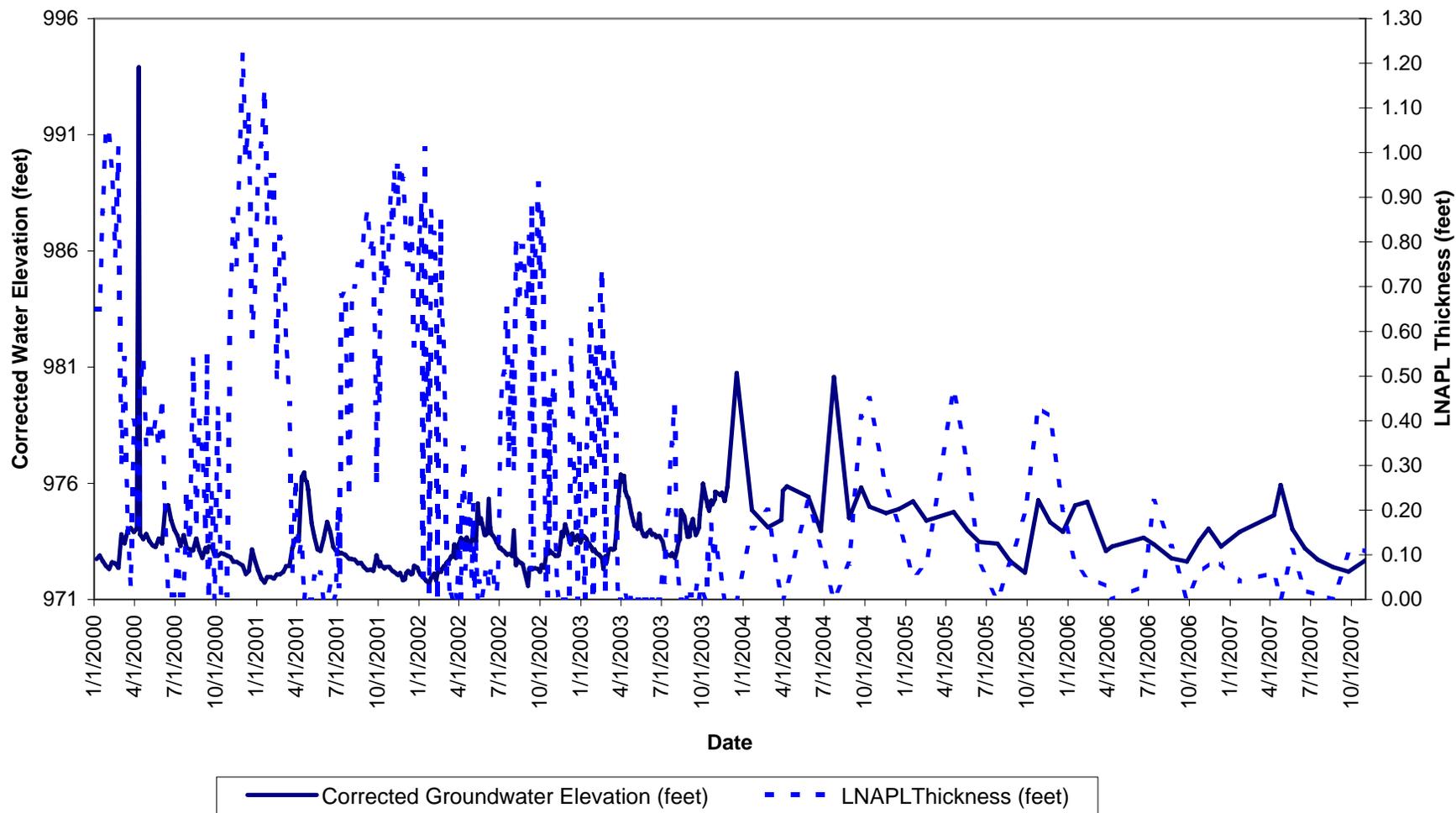
**Appendix E
Groundwater Elevation and LNAPL Thickness Data For
Lyman Street Area Monitoring Well LS-31**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



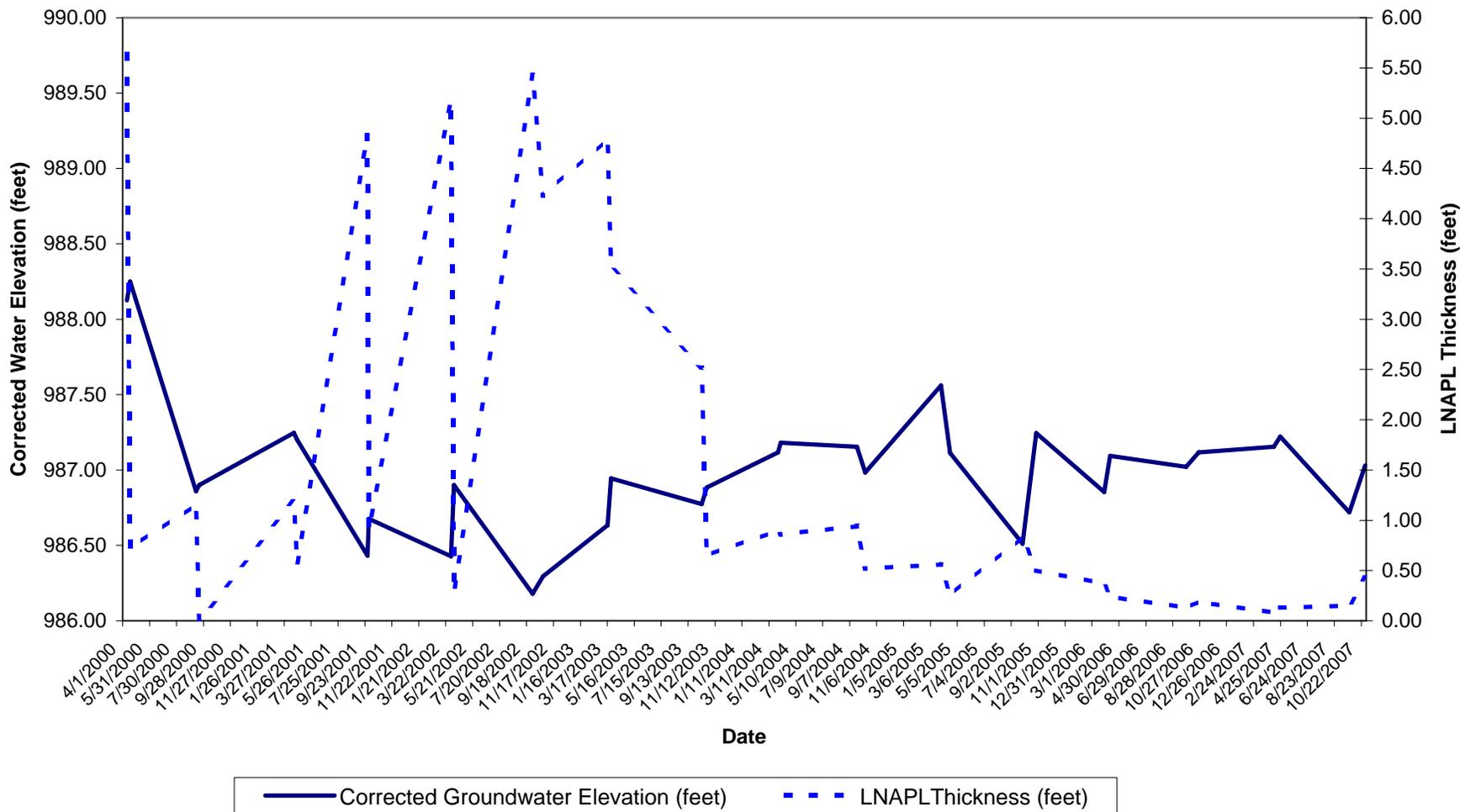
Appendix E
Groundwater Elevation and LNAPL Thickness Data For
East Street Area 2 - South Monitoring Well 13

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



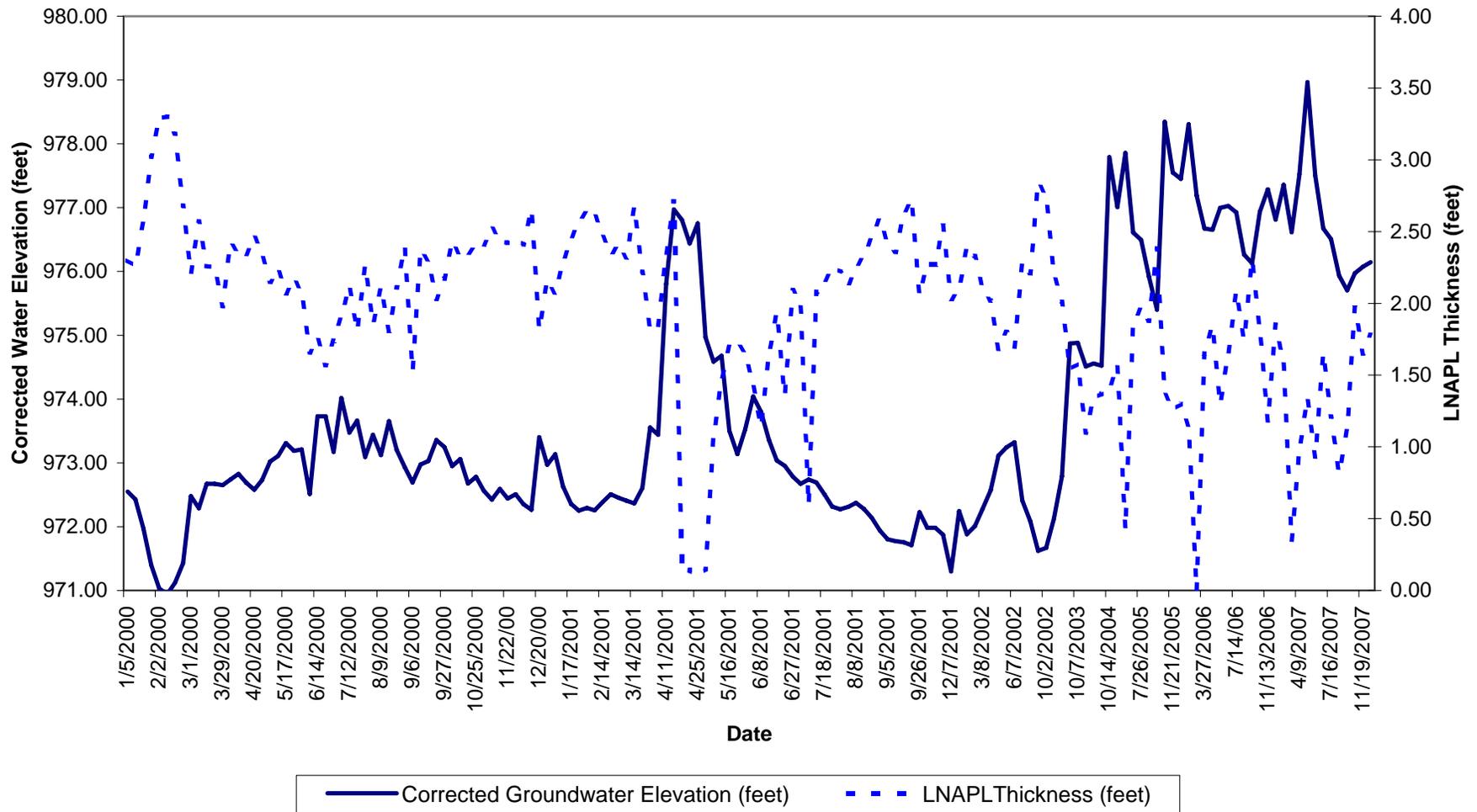
**APPENDIX E
GROUNDWATER ELEVATION AND LNAPL THICKNESS DATA FOR
EAST STREET AREA 2 - NORTH MONITORING WELL 14-N**

**PLANT SITE 1 GROUNDWATER MANAGEMENT AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS**



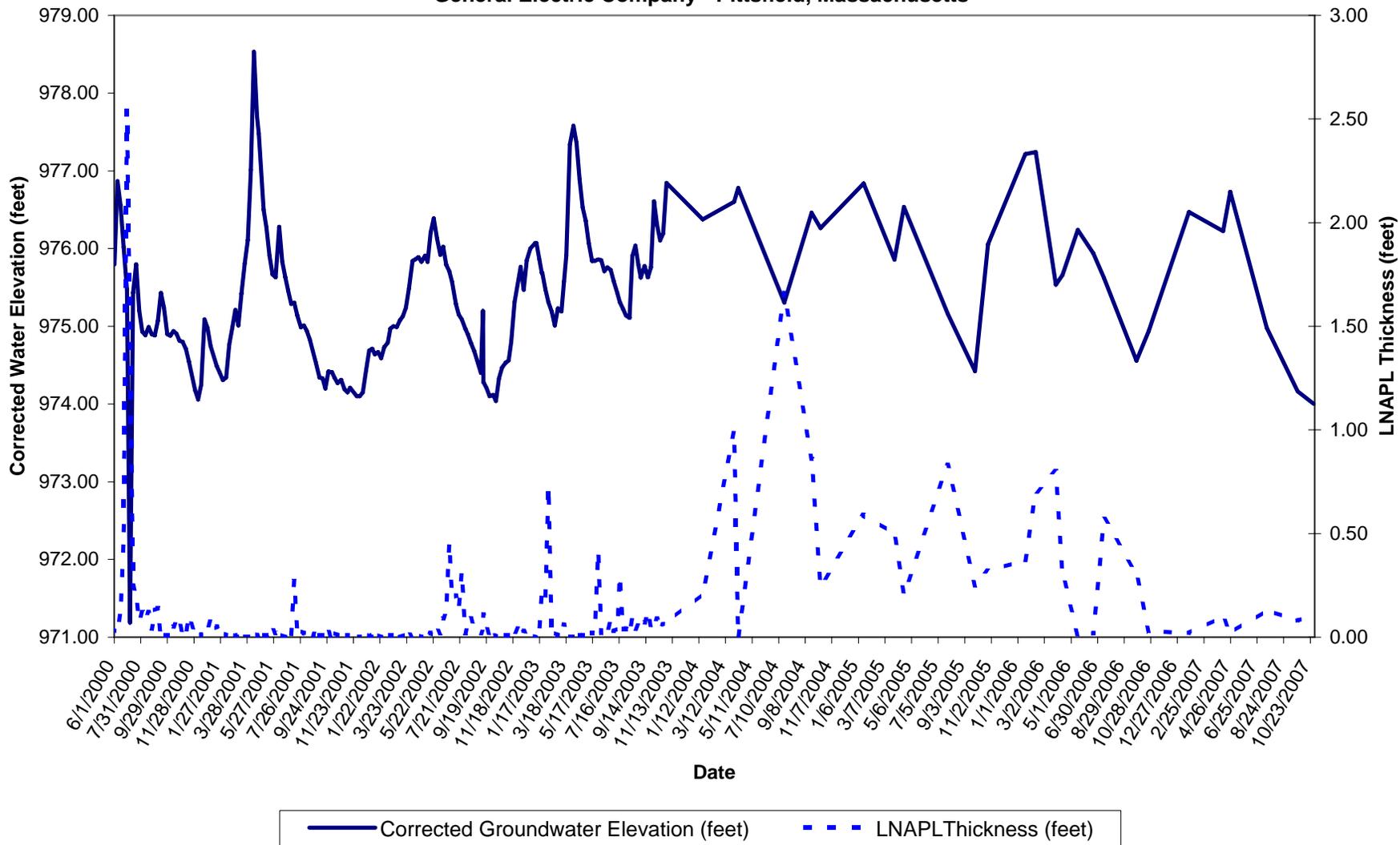
Appendix E
Groundwater Elevation and LNAPL Thickness Data For
East Street Area 2-South Monitoring Well 48

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



**Appendix E
Groundwater Elevation and LNAPL Thickness Data For
East Street Area 2 - South Monitoring Well 50**

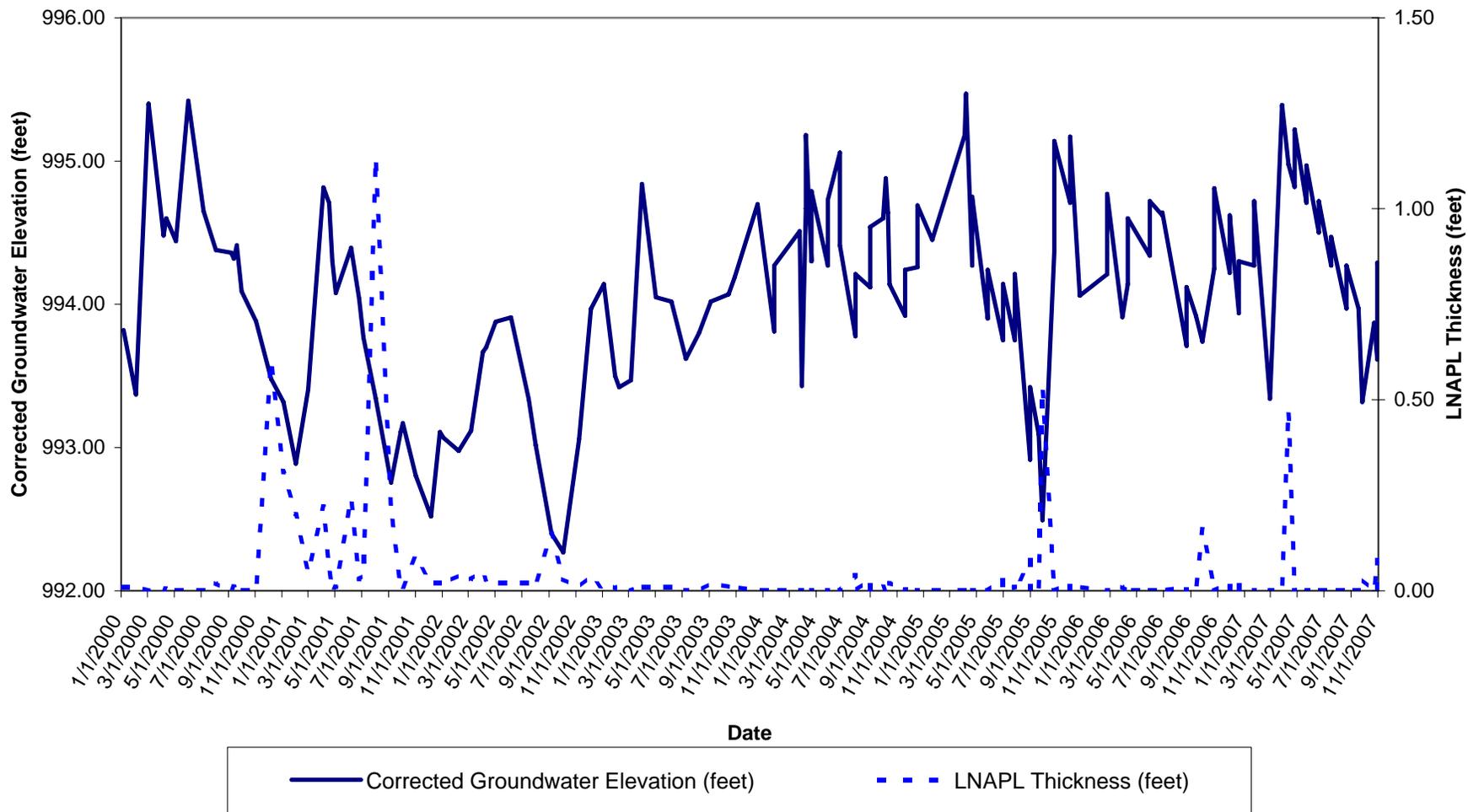
**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



Well screen elevation: 961.5 to 981.5 feet

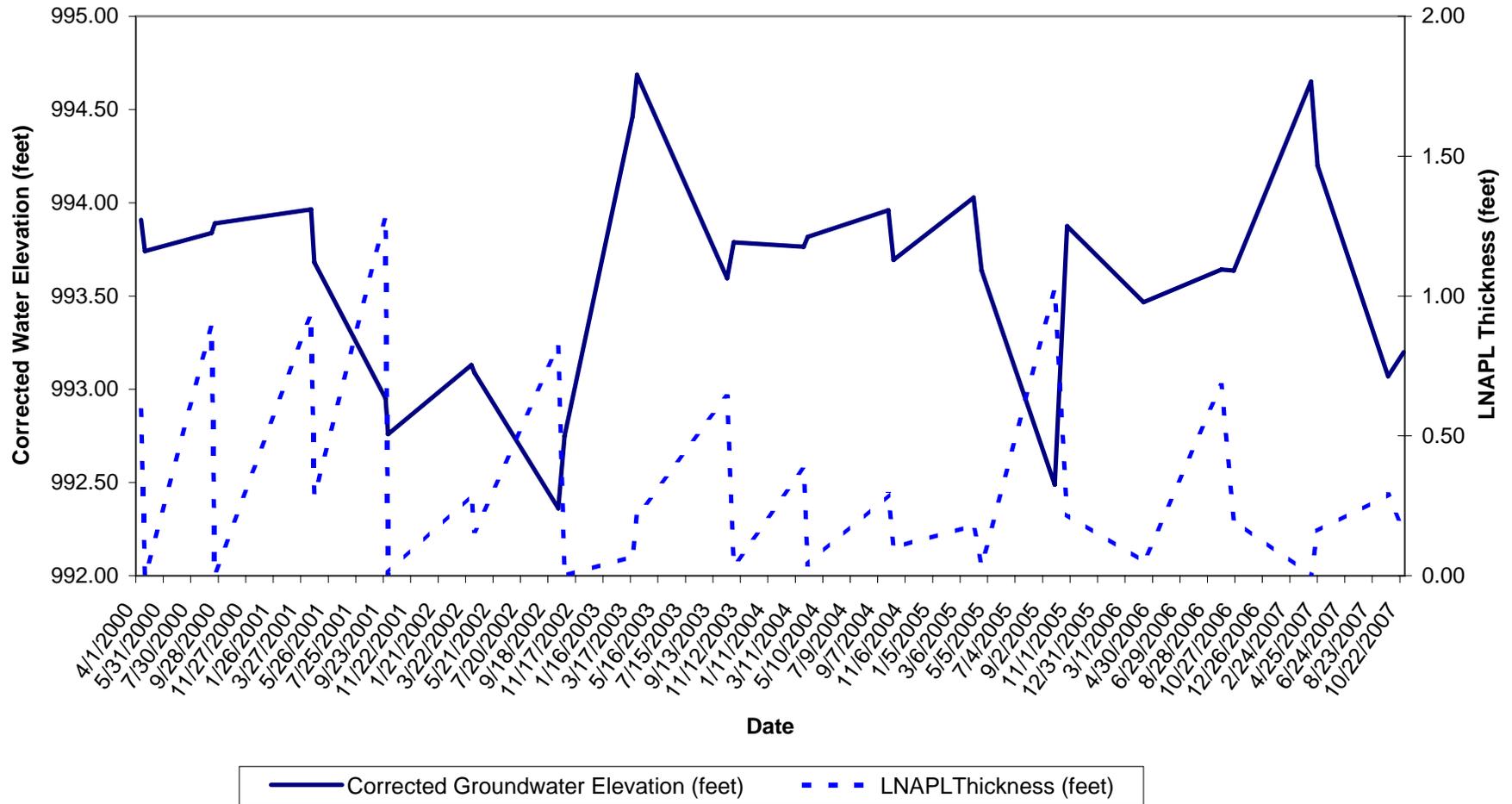
**Appendix E
 Groundwater Elevation and LNAPL Thickness Data For
 East Street Area 1-South Monitoring Well 72/72R**

**Plant Site 1 Groundwater Management Area
 General Electric Company - Pittsfield, Massachusetts**



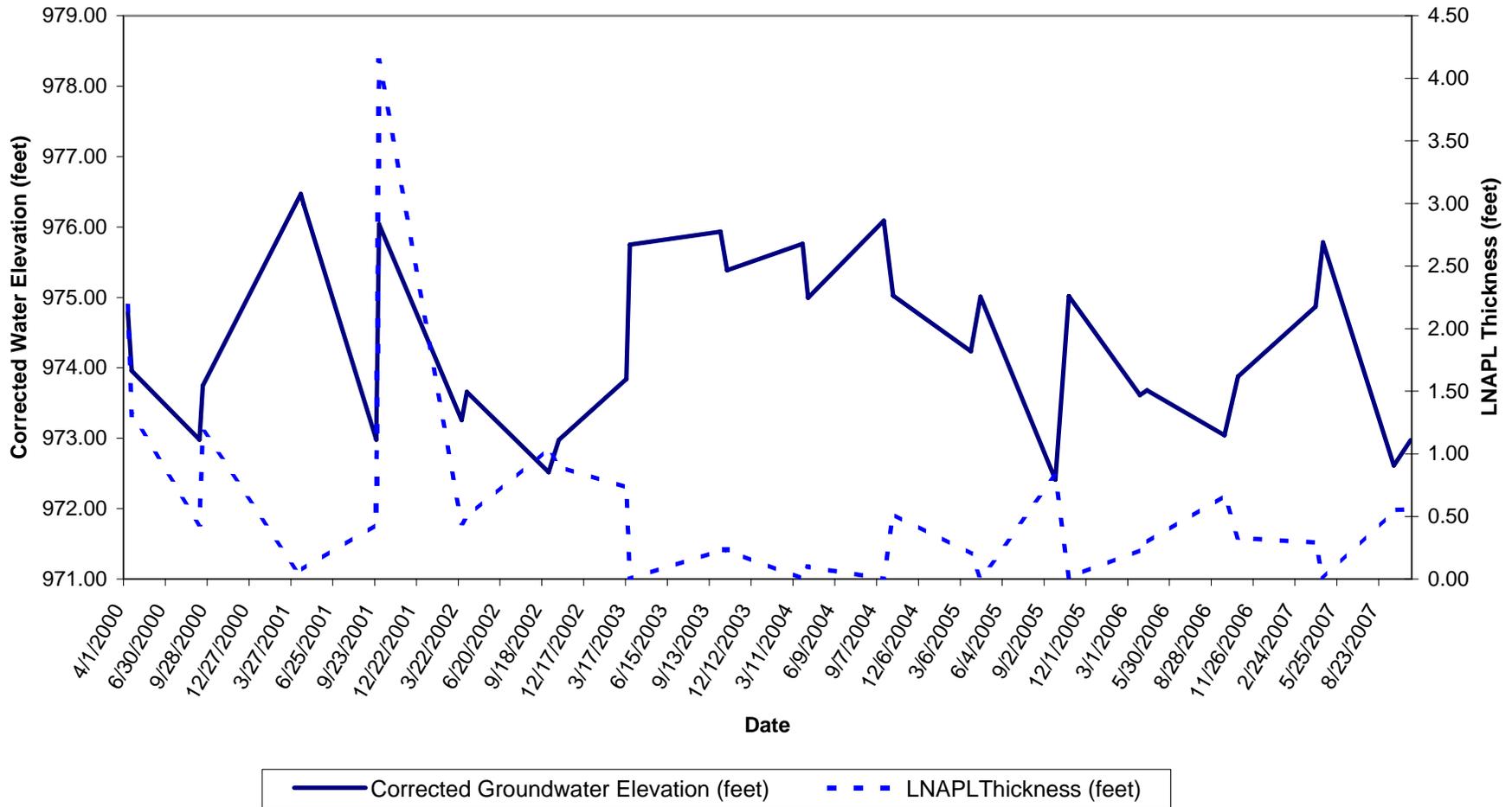
**Appendix E
Groundwater Elevation and LNAPL Thickness Data For
East Street Area 1-South Monitoring Well 76**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



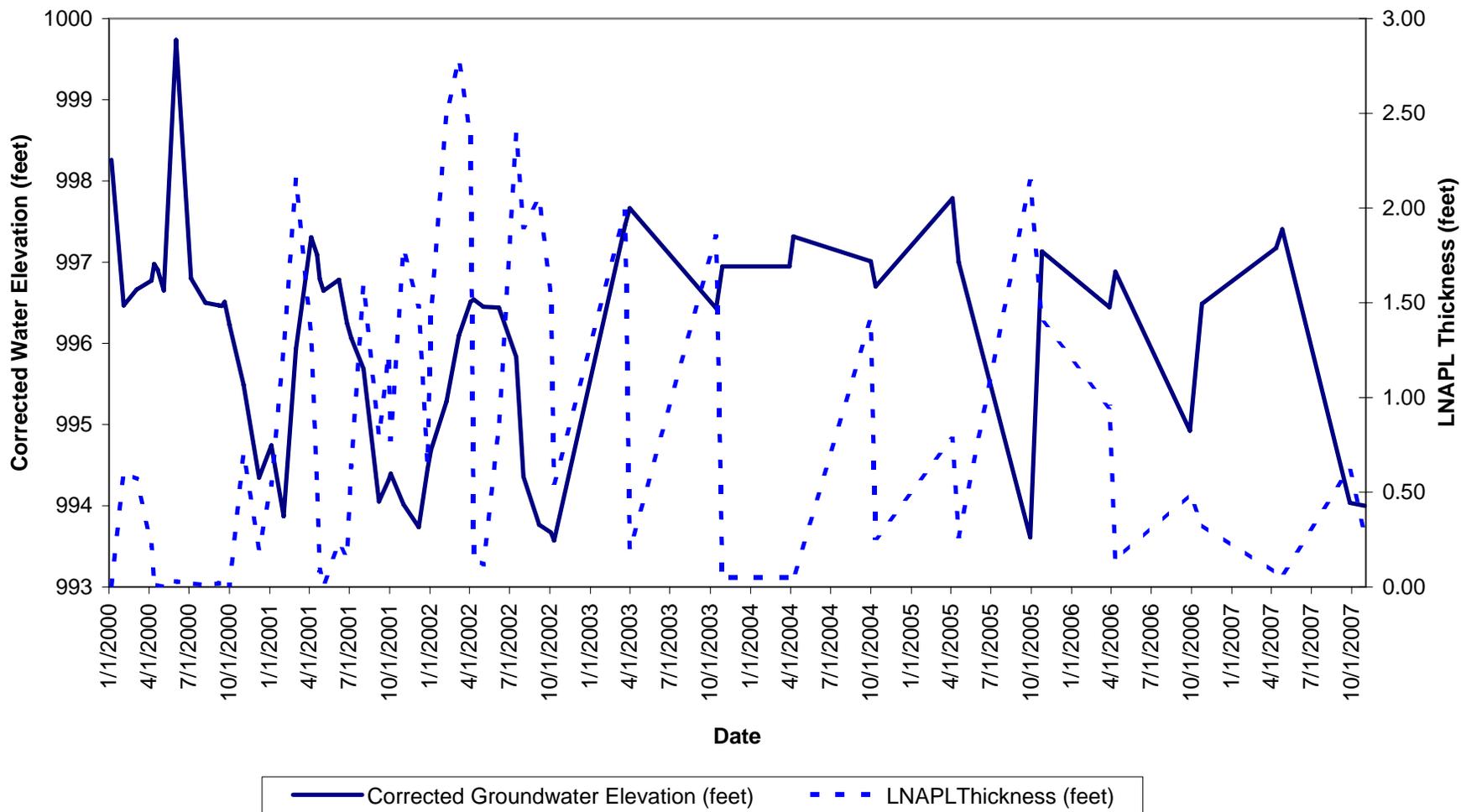
**Appendix E
Groundwater Elevation and LNAPL Thickness Data For
East Street Area 2 - South Monitoring Well 95-05**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



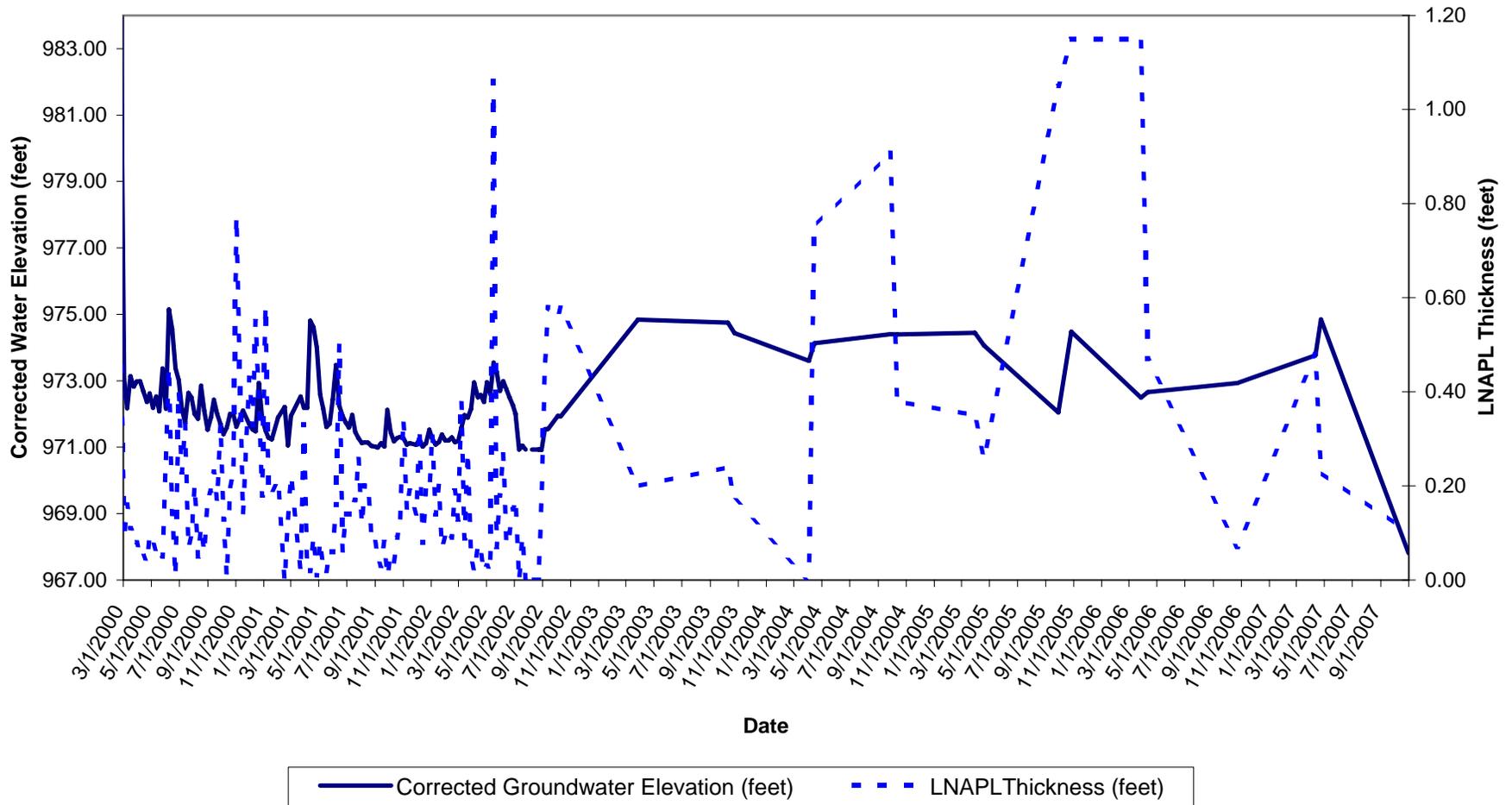
Appendix E
Groundwater Elevation and LNAPL Thickness Data For
East Street Area 1 - North Monitoring Well 106

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



**Appendix E
Groundwater Elevation and LNAPL Thickness Data For
Lyman Street Area Monitoring Well LS-21**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



Appendix F

East Street Area 2-South LNAPL
Recovery Efficiency Data

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts**

RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64R/40R	January 2000	0	62,000	0.000%
64R/40R	February 2000	602	22,400	2.617%
64R/40R	March 2000	400	315,400	0.127%
64R/40R	April 2000	218	354,500	0.061%
64R/40R	May 2000	1,736	704,200	0.246%
64R/40R	June 2000	2,877	746,900	0.384%
64R/40R	July 2000	1,335	646,500	0.206%
64R/40R	August 2000	1,336	853,500	0.156%
64R/40R	September 2000	648	576,600	0.112%
64R/40R	October 2000	711	187,800	0.377%
64R/40R	November 2000	0	57,400	0.000%
64R/40R	December 2000	530	53,300	0.985%
64R/40R	January 2001	0	10,600	0.000%
64R/40R	February 2001	0	6,500	0.000%
64R/40R	March 2001	200	152,800	0.131%
64R/40R	April 2001	711	1,244,900	0.057%
64R/40R	May 2001	1,406	1,450,100	0.097%
64R/40R	June 2001	586	719,300	0.081%
64R/40R	July 2001	609	463,600	0.131%
64R/40R	August 2001	562	222,400	0.252%
64R/40R	September 2001	225	35,600	0.628%
64R/40R	October 2001	150	21,400	0.696%
64R/40R	November 2001	325	700	31.707%
64R/40R	December 2001	925	1,200	43.529%
64R/40R	January 2002	350	400	46.667%
64R/40R	February 2002	275	100	73.333%
64R/40R	March 2002	125	9,200	1.340%
64R/40R	April 2002	75	140,900	0.053%
64R/40R	May 2002	39	348,900	0.011%
64R/40R	June 2002	136	431,800	0.031%
64R/40R	July 2002	125	248,500	0.050%
64R/40R	August 2002	75	73,900	0.101%
64R/40R	September 2002	110	14,900	0.733%
64R/40R	October 2002	760	15,000	4.822%
64R/40R	November 2002	175	79,600	0.219%
64R/40R	December 2002	25	275,600	0.009%
64R/40R	January 2003	40	380,100	0.011%
64R/40R	February 2003	200	253,900	0.079%
64R/40R	March 2003	125	304,200	0.041%
64R/40R	April 2003	1,600	1,684,400	0.095%
64R/40R	May 2003	370	571,600	0.065%
64R/40R	June 2003	175	483,000	0.036%
64R/40R	July 2003	750	525,200	0.143%
64R/40R	August 2003	300	580,600	0.052%
64R/40R	September 2003	1,150	639,200	0.180%
64R/40R	October 2003	975	717,300	0.136%
64R/40R	November 2003	200	563,400	0.035%
64R/40R	December 2003	625	290,500	0.215%
64R/40R	January 2004	50	233,000	0.021%
64R/40R	February 2004	250	1,015,000	0.025%
64R/40R	March 2004	325	897,300	0.036%
64R/40R	April 2004	975	705,000	0.138%
64R/40R	May 2004	125	629,500	0.020%
64R/40R	June 2004	736	923,500	0.080%
64R/40R	July 2004	380	693,900	0.055%
64R/40R	August 2004	250	330,800	0.076%
64R/40R	September 2004	350	675,600	0.052%
64R/40R	October 2004	175	472,200	0.037%
64R/40R	November 2004	150	566,100	0.026%
64R/40R	December 2004	350	630,500	0.055%
64R/40R	January 2005	575	357,900	0.160%
64R/40R	February 2005	400	228,400	0.175%
64R/40R	March 2005	175	292,400	0.060%
64R/40R	April 2005	575	1,071,000	0.054%
64R/40R	May 2005	550	931,300	0.059%

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts**

RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64R/40R	June 2005	325	643,200	0.051%
64R/40R	July 2005	225	260,800	0.086%
64R/40R	August 2005	250	73,300	0.340%
64R/40R	September 2005	50	10,200	0.488%
64R/40R	October 2005	75	492,200	0.015%
64R/40R	November 2005	125	988,100	0.013%
64R/40R	December 2005	400	1,062,900	0.038%
64R/40R	January 2006	400	896,700	0.045%
64R/40R	February 2006	375	899,800	0.042%
64R/40R	March 2006	150	170,611	0.088%
64R/40R	April 2006	75	375,609	0.020%
64R/40R	May 2006	75	435,398	0.017%
64R/40R	June 2006	550	720,359	0.076%
64R/40R	July 2006	250	345,697	0.072%
64R/40R	August 2006	25	38,948	0.064%
64R/40R	September 2006	75	4,627	1.595%
64R/40R	October 2006	0	16,844	0.000%
64R/40R	November 2006	12.5	211,062	0.006%
64R/40R	December 2006	18.8	85,911	0.022%
64R/40R	January 2007	50	225,994	0.022%
64R/40R	February 2007	6.3	56,097	0.011%
64R/40R	March 2007	6	110,548	0.005%
64R/40R	April 2007	68.8	954,730	0.007%
64R/40R	May 2007	419	1,268,754	0.033%
64R/40R	June 2007	193.8	544,491	0.036%
64R/40R	July 2007	56.3	75,278	0.075%
64R/40R	August 2007	19.4	3,083	0.625%
64R/40R	September 2007	0	10	0.000%
64R/40R	October 2007	12.5	16	43.860%
64R/40R	November 2007	0	0	0.000%
64R/40R	December 2007	0	118	0.000%
64R	November 2002	0	79,600	0.000%
64R	December 2002	0	275,600	0.000%
64R	January 2003	23	380,100	0.006%
64R	February 2003	200	253,900	0.079%
64R	March 2003	125	304,200	0.041%
64R	April 2003	1,600	1,684,400	0.095%
64R	May 2003	370	571,600	0.065%
64R	June 2003	175	483,000	0.036%
64R	July 2003	750	525,200	0.143%
64R	August 2003	300	580,600	0.052%
64R	September 2003	1,150	639,200	0.180%
64R	October 2003	975	717,300	0.136%
64R	November 2003	200	563,400	0.035%
64R	December 2003	625	290,500	0.215%
64R	January 2004	50	233,000	0.021%
64R	February 2004	250	1,015,000	0.025%
64R	March 2004	325	897,300	0.036%
64R	April 2004	975	705,000	0.138%
64R	May 2004	125	629,500	0.020%
64R	June 2004	736	923,500	0.080%
64R	July 2004	380	693,900	0.055%
64R	August 2004	250	330,800	0.076%
64R	September 2004	350	675,600	0.052%
64R	October 2004	175	472,200	0.037%
64R	November 2004	150	566,100	0.026%
64R	December 2004	350	630,500	0.055%
64R	January 2005	575	357,900	0.160%
64R	February 2005	400	228,400	0.175%
64R	March 2005	175	292,400	0.060%
64R	April 2005	575	1,071,000	0.054%
64R	May 2005	550	931,300	0.059%
64R	June 2005	325	643,200	0.051%
64R	July 2005	225	260,800	0.086%
64R	August 2005	250	73,300	0.340%

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
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General Electric Company-Pittsfield, Massachusetts**

RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64R	September 2005	50	10,200	0.488%
64R	October 2005	75	492,200	0.015%
64R	November 2005	125	988,100	0.013%
64R	December 2005	400	1,062,900	0.038%
64R	January 2006	400	896,700	0.045%
64R	February 2006	375	899,800	0.042%
64R	March 2006	150	170,611	0.088%
64R	April 2006	75	375,609	0.020%
64R	May 2006	75	435,398	0.017%
64R	June 2006	550	720,359	0.076%
64R	July 2006	250	345,697	0.072%
64R	August 2006	25	38,948	0.064%
64R	September 2006	75	4,627	1.595%
64R	October 2006	0	16,844	0.000%
64R	November 2006	12.5	211,062	0.006%
64R	December 2006	18.8	85,911	0.022%
64R	January 2007	50	225,994	0.022%
64R	February 2007	6.3	56,097	0.011%
64R	March 2007	6	110,548	0.005%
64R	April 2007	68.8	954,730	0.007%
64R	May 2007	419	1,268,754	0.033%
64R	June 2007	193.8	544,491	0.036%
64R	July 2007	56.3	75,278	0.075%
64R	August 2007	19.4	3,083	0.625%
64R	September 2007	0	10	0.000%
64R	October 2007	12.5	16	43.860%
64R	November 2007	0	0	0.000%
64R	December 2007	0	118	0.000%
64S/RW-1S	January 2000	617	1,532,663	0.040%
64S/RW-1S	February 2000	1,055	1,650,337	0.064%
64S/RW-1S	March 2000	250	1,946,208	0.013%
64S/RW-1S	April 2000	1,383	1,470,808	0.094%
64S/RW-1S	May 2000	1,172	1,584,694	0.074%
64S/RW-1S	June 2000	1,726	2,157,987	0.080%
64S/RW-1S	July 2000	1,750	1,600,060	0.109%
64S/RW-1S	August 2000	641	1,379,258	0.046%
64S/RW-1S	September 2000	641	996,810	0.064%
64S/RW-1S	October 2000	1,226	871,578	0.140%
64S/RW-1S	November 2000	0	1,085,847	0.000%
64S/RW-1S	December 2000	625	863,788	0.072%
64S/RW-1S	January 2001	600	676,673	0.089%
64S/RW-1S	February 2001	508	596,535	0.085%
64S/RW-1S	March 2001	763	891,645	0.085%
64S/RW-1S	April 2001	565	2,316,237	0.024%
64S/RW-1S	May 2001	1,306	2,063,073	0.063%
64S/RW-1S	June 2001	559	1,551,527	0.036%
64S/RW-1S	July 2001	1,287	1,096,585	0.117%
64S/RW-1S	August 2001	0	1,066,679	0.000%
64S/RW-1S	September 2001	438	654,690	0.067%
64S/RW-1S	October 2001	575	777,424	0.074%
64S/RW-1S	November 2001	175	489,480	0.036%
64S/RW-1S	December 2001	525	567,763	0.092%
64S/RW-1S	January 2002	150	673,821	0.022%
64S/RW-1S	February 2002	350	597,318	0.059%
64S/RW-1S	March 2002	500	640,400	0.078%
64S/RW-1S	April 2002	575	1,126,277	0.051%
64S/RW-1S	May 2002	438	1,727,392	0.025%
64S/RW-1S	June 2002	695	1,388,697	0.050%
64S/RW-1S	July 2002	675	1,303,341	0.052%
64S/RW-1S	August 2002	921	966,838	0.095%
64S/RW-1S	September 2002	225	523,526	0.043%
64S/RW-1S	October 2002	225	975,006	0.023%
64S/RW-1S	November 2002	300	911,878	0.033%
64S/RW-1S	December 2002	150	1,229,860	0.012%
64S/RW-1S	January 2003	100	985,957	0.010%

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
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General Electric Company-Pittsfield, Massachusetts**

RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64S/RW-1S	February 2003	100	848,255	0.012%
64S/RW-1S	March 2003	100	932,748	0.011%
64S/RW-1S	April 2003	625	1,785,502	0.035%
64S/RW-1S	May 2003	460	1,325,173	0.035%
64S/RW-1S	June 2003	950	1,082,960	0.088%
64S/RW-1S	July 2003	750	869,987	0.086%
64S/RW-1S	August 2003	50	1,078,564	0.005%
64S/RW-1S	September 2003	50	1,255,421	0.004%
64S/RW-1S	October 2003	175	2,287,521	0.008%
64S/RW-1S	November 2003	1,250	2,197,459	0.057%
64S/RW-1S	December 2003	925	3,206,990	0.029%
64S/RW-1S	January 2004	1,150	2,434,405	0.047%
64S/RW-1S	February 2004	275	1,484,348	0.019%
64S/RW-1S	March 2004	1,302	1,916,724	0.068%
64S/RW-1S	April 2004	1,450	1,960,287	0.074%
64S/RW-1S	May 2004	1,081	2,118,687	0.051%
64S/RW-1S	June 2004	1,191	2,077,259	0.057%
64S/RW-1S	July 2004	350	1,019,179	0.034%
64S/RW-1S	August 2004	388	950,596	0.041%
64S/RW-1S	September 2004	1,154	1,595,922	0.072%
64S/RW-1S	October 2004	325	2,127,012	0.015%
64S/RW-1S	November 2004	625	1,899,324	0.033%
64S/RW-1S	December 2004	102	2,510,160	0.004%
64S/RW-1S	January 2005	125	1,842,880	0.007%
64S/RW-1S	February 2005	138	1,755,213	0.008%
64S/RW-1S	March 2005	325	2,023,474	0.016%
64S/RW-1S	April 2005	500	1,903,377	0.026%
64S/RW-1S	May 2005	300	1,573,177	0.019%
64S/RW-1S	June 2005	275	1,635,809	0.017%
64S/RW-1S	July 2005	27	1,144,427	0.002%
64S/RW-1S	August 2005	250	1,051,908	0.024%
64S/RW-1S	September 2005	325	700,349	0.046%
64S/RW-1S	October 2005	125	1,325,184	0.009%
64S/RW-1S	November 2005	366	2,118,069	0.017%
64S/RW-1S	December 2005	210	1,828,769	0.011%
64S/RW-1S	January 2006	275	1,351,023	0.020%
64S/RW-1S	February 2006	700	2,346,900	0.030%
64S/RW-1S	March 2006	1,325	2,128,435	0.062%
64S/RW-1S	April 2006	615	1,433,266	0.043%
64S/RW-1S	May 2006	128	1,412,731	0.009%
64S/RW-1S	June 2006	386	1,996,110	0.019%
64S/RW-1S	July 2006	500	1,455,740	0.034%
64S/RW-1S	August 2006	255	1,387,443	0.018%
64S/RW-1S	September 2006	200	947,858	0.021%
64S/RW-1S	October 2006	113	984,494	0.011%
64S/RW-1S	November 2006	160	1,559,961	0.010%
64S/RW-1S	December 2006	252	1,344,749	0.019%
64S/RW-1S	January 2007	396	1,671,561	0.024%
64S/RW-1S	February 2007	398	714,132	0.056%
64S/RW-1S	March 2007	112	1,449,403	0.008%
64S/RW-1S	April 2007	211	1,928,006	0.011%
64S/RW-1S	May 2007	287	2,881,435	0.010%
64S/RW-1S	June 2007	225	1,700,724	0.013%
64S/RW-1S	July 2007	172	1,244,844	0.014%
64S/RW-1S	August 2007	81	885,145	0.009%
64S/RW-1S	September 2007	169	557,471	0.030%
64S/RW-1S	October 2007	475	569,341	0.083%
64S/RW-1S	November 2007	63	588,077	0.011%
64S/RW-1S	December 2007	68	720,829	0.009%
64S	January 2000	N/A	451,868	N/A
64S	February 2000	N/A	346,332	N/A
64S	March 2000	N/A	867,475	N/A
64S	April 2000	N/A	774,526	N/A
64S	May 2000	N/A	916,584	N/A
64S	June 2000	N/A	1,096,916	N/A

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
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RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64S	July 2000	N/A	867,207	N/A
64S	August 2000	N/A	733,130	N/A
64S	September 2000	N/A	603,778	N/A
64S	October 2000	N/A	470,680	N/A
64S	November 2000	N/A	403,206	N/A
64S	December 2000	N/A	225,527	N/A
64S	January 2001	N/A	257,090	N/A
64S	February 2001	N/A	220,025	N/A
64S	March 2001	N/A	382,867	N/A
64S	April 2001	N/A	1,264,422	N/A
64S	May 2001	N/A	1,093,644	N/A
64S	June 2001	N/A	747,162	N/A
64S	July 2001	N/A	475,680	N/A
64S	August 2001	N/A	430,610	N/A
64S	September 2001	N/A	144,496	N/A
64S	October 2001	N/A	146,143	N/A
64S	November 2001	N/A	56,711	N/A
64S	December 2001	N/A	125,565	N/A
64S	January 2002	N/A	156,877	N/A
64S	February 2002	N/A	158,796	N/A
64S	March 2002	N/A	242,236	N/A
64S	April 2002	N/A	463,704	N/A
64S	May 2002	N/A	814,253	N/A
64S	June 2002	N/A	659,355	N/A
64S	July 2002	N/A	553,656	N/A
64S	August 2002	N/A	217,153	N/A
64S	September 2002	N/A	58,536	N/A
64S	October 2002	N/A	324,556	N/A
64S	November 2002	N/A	311,198	N/A
64S	December 2002	0	387,100	0.000%
64S	January 2003	0	310,806	0.000%
64S	February 2003	0	271,609	0.000%
64S	March 2003	0	246,416	0.000%
64S	April 2003	625	630,314	0.099%
64S	May 2003	460	445,090	0.103%
64S	June 2003	950	276,675	0.342%
64S	July 2003	750	48,725	1.516%
64S	August 2003	38	302,161	0.013%
64S	September 2003	0	443,631	0.000%
64S	October 2003	150	983,801	0.015%
64S	November 2003	1,198	1,041,476	0.115%
64S	December 2003	925	1,529,896	0.060%
64S	January 2004	1,054	1,237,777	0.085%
64S	February 2004	224	651,804	0.034%
64S	March 2004	1,271	802,349	0.158%
64S	April 2004	1,374	947,810	0.145%
64S	May 2004	1,045	1,062,518	0.098%
64S	June 2004	772	968,659	0.080%
64S	July 2004	154	349,705	0.044%
64S	August 2004	230	240,781	0.095%
64S	September 2004	995	681,275	0.146%
64S	October 2004	324	1,034,272	0.031%
64S	November 2004	625	902,053	0.069%
64S	December 2004	91	1,147,526	0.008%
64S	January 2005	75	844,225	0.009%
64S	February 2005	97	821,010	0.012%
64S	March 2005	282	905,525	0.031%
64S	April 2005	499	1,039,179	0.048%
64S	May 2005	300	660,761	0.045%
64S	June 2005	275	527,949	0.052%
64S	July 2005	10	330,937	0.003%
64S	August 2005	218	271,691	0.080%
64S	September 2005	321	172,650	0.186%
64S	October 2005	82	541,419	0.015%
64S	November 2005	324	1,014,521	0.032%

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

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RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64S	December 2005	170	927,871	0.018%
64S	January 2006	245	1,080,795	0.023%
64S	February 2006	673	1,304,005	0.052%
64S	March 2006	1,285	1,078,733	0.119%
64S	April 2006	558	696,282	0.080%
64S	May 2006	51	668,110	0.008%
64S	June 2006	327	1,061,071	0.031%
64S	July 2006	472	732,853	0.064%
64S	August 2006	238	646,128	0.037%
64S	September 2006	188	393,032	0.048%
64S	October 2006	82	400,898	0.020%
64S	November 2006	75	682,641	0.011%
64S	December 2006	209	638,261	0.033%
64S	January 2007	372	856,752	0.043%
64S	February 2007	376	584,460	0.064%
64S	March 2007	90	699,541	0.013%
64S	April 2007	189	1,020,240	0.018%
64S	May 2007	265	1,615,013	0.016%
64S	June 2007	197	778,200	0.025%
64S	July 2007	158	516,126	0.031%
64S	August 2007	58	351,341	0.016%
64S	September 2007	93	169,177	0.055%
64S	October 2007	339	171,979	0.196%
64S	November 2007	0	181,928	0.000%
64S	December 2007	0	261,518	0.000%
RW-1S	January 2001	N/A	419,583	N/A
RW-1S	February 2001	N/A	376,510	N/A
RW-1S	March 2001	N/A	508,778	N/A
RW-1S	April 2001	N/A	1,051,815	N/A
RW-1S	May 2001	N/A	969,429	N/A
RW-1S	June 2001	N/A	804,365	N/A
RW-1S	July 2001	N/A	620,905	N/A
RW-1S	August 2001	N/A	636,069	N/A
RW-1S	September 2001	N/A	510,194	N/A
RW-1S	October 2001	N/A	631,281	N/A
RW-1S	November 2001	N/A	432,769	N/A
RW-1S	December 2001	N/A	442,198	N/A
RW-1S	January 2002	N/A	516,944	N/A
RW-1S	February 2002	N/A	438,522	N/A
RW-1S	March 2002	N/A	398,164	N/A
RW-1S	April 2002	N/A	662,573	N/A
RW-1S	May 2002	N/A	913,139	N/A
RW-1S	June 2002	N/A	729,342	N/A
RW-1S	July 2002	N/A	749,685	N/A
RW-1S	August 2002	N/A	749,685	N/A
RW-1S	September 2002	N/A	464,990	N/A
RW-1S	October 2002	N/A	650,450	N/A
RW-1S	November 2002	N/A	600,680	N/A
RW-1S	December 2002	150	842,760	0.018%
RW-1S	January 2003	100	675,151	0.015%
RW-1S	February 2003	100	576,646	0.017%
RW-1S	March 2003	100	686,332	0.015%
RW-1S	April 2003	0	1,155,188	0.000%
RW-1S	May 2003	0	880,083	0.000%
RW-1S	June 2003	0	806,285	0.000%
RW-1S	July 2003	0	821,262	0.000%
RW-1S	August 2003	12	776,403	0.002%
RW-1S	September 2003	50	811,790	0.006%
RW-1S	October 2003	25	1,303,720	0.002%
RW-1S	November 2003	52	1,155,983	0.004%
RW-1S	December 2003	0	1,677,094	0.000%
RW-1S	January 2004	96	1,196,628	0.008%
RW-1S	February 2004	51	832,544	0.006%
RW-1S	March 2004	31	1,114,375	0.003%
RW-1S	April 2004	76	1,012,477	0.008%

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
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RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
RW-1S	May 2004	36	1,056,169	0.003%
RW-1S	June 2004	419	1,108,600	0.038%
RW-1S	July 2004	196	669,474	0.029%
RW-1S	August 2004	158	709,815	0.022%
RW-1S	September 2004	159	914,647	0.017%
RW-1S	October 2004	1	1,092,740	0.000%
RW-1S	November 2004	0	997,271	0.000%
RW-1S	December 2004	11	1,362,634	0.001%
RW-1S	January 2005	50	998,655	0.005%
RW-1S	February 2005	41	934,203	0.004%
RW-1S	March 2005	43	1,117,949	0.004%
RW-1S	April 2005	1	864,198	0.000%
RW-1S	May 2005	0	912,416	0.000%
RW-1S	June 2005	0	1,107,860	0.000%
RW-1S	July 2005	17	813,490	0.002%
RW-1S	August 2005	32	780,217	0.004%
RW-1S	September 2005	4	527,699	0.001%
RW-1S	October 2005	43	783,765	0.005%
RW-1S	November 2005	42	1,103,548	0.004%
RW-1S	December 2005	40	900,898	0.004%
RW-1S	January 2006	30	270,228	0.011%
RW-1S	February 2006	27	1,042,895	0.003%
RW-1S	March 2006	40	1,049,702	0.004%
RW-1S	April 2006	57	736,984	0.008%
RW-1S	May 2006	77	744,621	0.010%
RW-1S	June 2006	59	935,039	0.006%
RW-1S	July 2006	28	722,887	0.004%
RW-1S	August 2006	17	741,315	0.002%
RW-1S	September 2006	12	554,826	0.002%
RW-1S	October 2006	31	583,596	0.005%
RW-1S	November 2006	85	877,320	0.010%
RW-1S	December 2006	43	706,488	0.006%
RW-1S	January 2007	24	814,809	0.003%
RW-1S	February 2007	22	129,672	0.017%
RW-1S	March 2007	22	749,862	0.003%
RW-1S	April 2007	22	907,766	0.002%
RW-1S	May 2007	22	1,266,422	0.002%
RW-1S	June 2007	28	922,524	0.003%
RW-1S	July 2007	14	728,718	0.002%
RW-1S	August 2007	23.5	533,804	0.004%
RW-1S	September 2007	76	388,294	0.020%
RW-1S	October 2007	136.5	397,362	0.034%
RW-1S	November 2007	62.6	406,149	0.015%
RW-1S	December 2007	67.5	459,311	0.015%
64V	January 2000	688	936,500	0.073%
64V	February 2000	1,427	746,300	0.191%
64V	March 2000	1,432	1,202,400	0.119%
64V	April 2000	1,297	1,008,800	0.128%
64V	May 2000	703	1,260,800	0.056%
64V	June 2000	690	1,203,600	0.057%
64V	July 2000	0	1,234,700	0.000%
64V	August 2000	618	1,325,800	0.047%
64V	September 2000	1,370	1,154,500	0.119%
64V	October 2000	707	1,088,100	0.065%
64V	November 2000	848	1,247,400	0.068%
64V	December 2000	1,188	1,034,500	0.115%
64V	January 2001	586	1,063,500	0.055%
64V	February 2001	726	951,900	0.076%
64V	March 2001	1,367	977,100	0.140%
64V	April 2001	640	1,404,300	0.046%
64V	May 2001	651	1,406,300	0.046%
64V	June 2001	0	1,160,600	0.000%
64V	July 2001	854	996,800	0.086%
64V	August 2001	740	1,138,800	0.065%
64V	September 2001	510	850,300	0.060%

**Table F-1
East Street Area 2- South Automated LNAPL Recovery System Monthly Efficiency Summary**

**NAPL Monitoring Report For Fall 2007
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RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64V	October 2001	967	1,030,800	0.094%
64V	November 2001	578	793,500	0.073%
64V	December 2001	1,139	808,600	0.141%
64V	January 2002	510	914,600	0.056%
64V	February 2002	612	831,000	0.074%
64V	March 2002	493	904,100	0.054%
64V	April 2002	1,190	1,165,300	0.102%
64V	May 2002	664	814,253	0.081%
64V	June 2002	1,266	1,083,300	0.117%
64V	July 2002	265	1,181,700	0.022%
64V	August 2002	5	881,500	0.001%
64V	September 2002	306	784,500	0.039%
64V	October 2002	663	970,300	0.068%
64V	November 2002	663	845,000	0.078%
64V	December 2002	675	1,134,300	0.059%
64V	January 2003	1,492	1,055,400	0.141%
64V	February 2003	527	982,200	0.054%
64V	March 2003	374	1,048,800	0.036%
64V	April 2003	425	1,752,300	0.024%
64V	May 2003	220	1,202,200	0.018%
64V	June 2003	408	1,092,800	0.037%
64V	July 2003	408	1,184,900	0.034%
64V	August 2003	391	1,026,400	0.038%
64V	September 2003	867	1,020,100	0.085%
64V	October 2003	1,071	1,482,600	0.072%
64V	November 2003	1,377	1,309,800	0.105%
64V	December 2003	2,261	1,719,700	0.131%
64V	January 2004	1,768	1,366,300	0.129%
64V	February 2004	408	1,091,800	0.037%
64V	March 2004	1,173	1,370,200	0.086%
64V	April 2004	1,598	1,212,000	0.132%
64V	May 2004	933	1,313,100	0.071%
64V	June 2004	879	1,444,400	0.061%
64V	July 2004	798	940,100	0.085%
64V	August 2004	772	875,900	0.088%
64V	September 2004	1,170	1,385,900	0.084%
64V	October 2004	920	1,221,100	0.075%
64V	November 2004	551	1,108,200	0.050%
64V	December 2004	832	1,460,100	0.057%
64V	January 2005	747	1,103,300	0.068%
64V	February 2005	622	1,095,400	0.057%
64V	March 2005	675	1,342,900	0.050%
64V	April 2005	785	1,221,000	0.064%
64V	May 2005	254	996,400	0.025%
64V	June 2005	515	1,177,700	0.044%
64V	July 2005	465	922,700	0.050%
64V	August 2005	581	993,100	0.058%
64V	September 2005	349	714,700	0.049%
64V	October 2005	564	933,400	0.060%
64V	November 2005	515	1,304,100	0.039%
64V	December 2005	564	1,117,000	0.050%
64V	January 2006	697	1,208,800	0.058%
64V	February 2006	598	1,177,900	0.051%
64V	March 2006	315	1,251,800	0.025%
64V	April 2006	249	901,800	0.028%
64V	May 2006	431	911,700	0.047%
64V	June 2006	697	1,228,300	0.057%
64V	July 2006	548	885,300	0.062%
64V	August 2006	548	1,016,400	0.054%
64V	September 2006	332	794,600	0.042%
64V	October 2006	432	825,400	0.052%
64V	November 2006	855	1,181,500	0.072%
64V	December 2006	493	1,017,800	0.048%
64V	January 2007	680	1,131,400	0.060%
64V	February 2007	365	831,700	0.044%

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		LNAPL	GROUNDWATER	
64V	March 2007	357	981,000	0.036%
64V	April 2007	133	664,100	0.020%
64V	May 2007	1,480	1,325,500	0.112%
64V	June 2007	303	965,600	0.031%
64V	July 2007	423	720,200	0.059%
64V	August 2007	274	695,600	0.039%
64V	September 2007	199	521,700	0.038%
64V	October 2007	303	698,300	0.043%
64V	November 2007	374	636,800	0.059%
64V	December 2007	448	657,800	0.068%
64X/RW-1X	January 2000	0	1,128,600	0.000%
64X/RW-1X	February 2000	128	998,200	0.013%
64X/RW-1X	March 2000	339	1,543,000	0.022%
64X/RW-1X	April 2000	110	1,103,700	0.010%
64X/RW-1X	May 2000	53	1,309,400	0.004%
64X/RW-1X	June 2000	28	1,170,800	0.002%
64X/RW-1X	July 2000	0	1,189,500	0.000%
64X/RW-1X	August 2000	38	1,581,400	0.002%
64X/RW-1X	September 2000	122	1,283,700	0.010%
64X/RW-1X	October 2000	20	1,268,600	0.002%
64X/RW-1X	November 2000	43	1,446,400	0.003%
64X/RW-1X	December 2000	15	1,151,800	0.001%
64X/RW-1X	January 2001	63	1,317,700	0.005%
64X/RW-1X	February 2001	0	1,045,900	0.000%
64X/RW-1X	March 2001	53	1,179,300	0.004%
64X/RW-1X	April 2001	55	1,261,400	0.004%
64X/RW-1X	May 2001	13	1,340,900	0.001%
64X/RW-1X	June 2001	0	1,445,500	0.000%
64X/RW-1X	July 2001	13	1,097,000	0.001%
64X/RW-1X	August 2001	18	1,313,700	0.001%
64X/RW-1X	September 2001	37	967,300	0.004%
64X/RW-1X	October 2001	60	1,243,700	0.005%
64X/RW-1X	November 2001	10	925,700	0.001%
64X/RW-1X	December 2001	40	1,008,200	0.004%
64X/RW-1X	January 2002	5	1,132,000	0.000%
64X/RW-1X	February 2002	15	909,300	0.002%
64X/RW-1X	March 2002	20	924,600	0.002%
64X/RW-1X	April 2002	10	985,100	0.001%
64X/RW-1X	May 2002	10	1,249,300	0.001%
64X/RW-1X	June 2002	20	950,700	0.002%
64X/RW-1X	July 2002	0	1,193,400	0.000%
64X/RW-1X	August 2002	0	910,800	0.000%
64X/RW-1X	September 2002	15	850,700	0.002%
64X/RW-1X	October 2002	53	1,094,800	0.005%
64X/RW-1X	November 2002	50	921,500	0.005%
64X/RW-1X	December 2002	15	901,900	0.002%
64X/RW-1X	January 2003	7	694,200	0.001%
64X/RW-1X	February 2003	2	688,300	0.000%
64X/RW-1X	March 2003	5	888,200	0.001%
64X/RW-1X	April 2003	10	1,193,700	0.001%
64X/RW-1X	May 2003	15	886,100	0.002%
64X/RW-1X	June 2003	25	905,300	0.003%
64X/RW-1X	July 2003	20	1,041,500	0.002%
64X/RW-1X	August 2003	30	902,500	0.003%
64X/RW-1X	September 2003	25	889,900	0.003%
64X/RW-1X	October 2003	10	1,150,900	0.001%
64X/RW-1X	November 2003	10	891,700	0.001%
64X/RW-1X	December 2003	5	1,079,100	0.000%
64X/RW-1X	January 2004	10	1,103,400	0.001%
64X/RW-1X	February 2004	2	785,800	0.000%
64X/RW-1X	March 2004	5	1,006,100	0.000%
64X/RW-1X	April 2004	0	775,900	0.000%
64X/RW-1X	May 2004	10	800,400	0.001%
64X/RW-1X	June 2004	10	972,300	0.001%
64X/RW-1X	July 2004	10	767,100	0.001%

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		LNAPL	GROUNDWATER	
64X/RW-1X	August 2004	31	862,000	0.004%
64X/RW-1X	September 2004	61	1,018,900	0.006%
64X/RW-1X	October 2004	5	904,600	0.001%
64X/RW-1X	November 2004	10	791,700	0.001%
64X/RW-1X	December 2004	10	962,100	0.001%
64X/RW-1X	January 2005	5	777,800	0.001%
64X/RW-1X	February 2005	5	733,600	0.001%
64X/RW-1X	March 2005	5	932,100	0.001%
64X/RW-1X	April 2005	0	772,300	0.000%
64X/RW-1X	May 2005	0	608,100	0.000%
64X/RW-1X	June 2005	5	832,700	0.001%
64X/RW-1X	July 2005	15	527,400	0.003%
64X/RW-1X	August 2005	20	631,600	0.003%
64X/RW-1X	September 2005	25	483,200	0.005%
64X/RW-1X	October 2005	25	702,500	0.004%
64X/RW-1X	November 2005	0	880,300	0.000%
64X/RW-1X	December 2005	6	742,100	0.001%
64X/RW-1X	January 2006	1	835,100	0.000%
64X/RW-1X	February 2006	1	770,300	0.000%
64X/RW-1X	March 2006	1	623,720	0.000%
64X/RW-1X	April 2006	1	807,140	0.000%
64X/RW-1X	May 2006	83	789,028	0.011%
64X/RW-1X	June 2006	14	1,080,033	0.001%
64X/RW-1X	July 2006	28	757,841	0.004%
64X/RW-1X	August 2006	127	975,215	0.013%
64X/RW-1X	September 2006	25	777,961	0.003%
64X/RW-1X	October 2006	68	801,149	0.009%
64X/RW-1X	November 2006	16	1,035,363	0.002%
64X/RW-1X	December 2006	15	881,448	0.002%
64X/RW-1X	January 2007	25	1,006,567	0.002%
64X/RW-1X	February 2007	3	788,365	0.000%
64X/RW-1X	March 2007	23	888,714	0.003%
64X/RW-1X	April 2007	18	874,431	0.002%
64X/RW-1X	May 2007	7	1,015,491	0.001%
64X/RW-1X	June 2007	0	835,822	0.000%
64X/RW-1X	July 2007	4	720,576	0.000%
64X/RW-1X	August 2007	83	976,358	0.008%
64X/RW-1X	September 2007	191	803,492	0.024%
64X/RW-1X	October 2007	110	953,660	0.012%
64X/RW-1X	November 2007	116	796,898	0.015%
64X/RW-1X	December 2007	34	859,529	0.004%
64X	January 2000	N/A	417,600	N/A
64X	February 2000	N/A	403,200	N/A
64X	March 2000	N/A	504,000	N/A
64X	April 2000	N/A	403,200	N/A
64X	May 2000	N/A	504,000	N/A
64X	June 2000	N/A	403,200	N/A
64X	July 2000	N/A	403,200	N/A
64X	August 2000	N/A	504,000	N/A
64X	September 2000	N/A	403,200	N/A
64X	October 2000	N/A	417,600	N/A
64X	November 2000	N/A	504,000	N/A
64X	December 2000	N/A	417,600	N/A
64X	January 2001	N/A	489,600	N/A
64X	February 2001	N/A	403,200	N/A
64X	March 2001	N/A	403,200	N/A
64X	April 2001	N/A	403,200	N/A
64X	May 2001	N/A	504,000	N/A
64X	June 2001	N/A	702,800	N/A
64X	July 2001	N/A	403,200	N/A
64X	August 2001	N/A	504,000	N/A
64X	September 2001	N/A	403,200	N/A
64X	October 2001	N/A	504,000	N/A
64X	November 2001	N/A	403,200	N/A
64X	December 2001	N/A	403,200	N/A

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RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64X	January 2002	N/A	446,400	N/A
64X	February 2002	N/A	403,200	N/A
64X	March 2002	N/A	403,200	N/A
64X	April 2002	N/A	403,200	N/A
64X	May 2002	N/A	518,400	N/A
64X	June 2002	N/A	403,200	N/A
64X	July 2002	N/A	507,000	N/A
64X	August 2002	N/A	403,200	N/A
64X	September 2002	N/A	388,800	N/A
64X	October 2002	48	504,000	0.010%
64X	November 2002	50	403,200	0.012%
64X	December 2002	10	489,600	0.002%
64X	January 2003	2	417,600	0.000%
64X	February 2003	2	403,200	0.000%
64X	March 2003	0	403,200	0.000%
64X	April 2003	5	504,000	0.001%
64X	May 2003	15	403,200	0.004%
64X	June 2003	25	403,200	0.006%
64X	July 2003	20	500,300	0.004%
64X	August 2003	30	403,200	0.007%
64X	September 2003	15	403,200	0.004%
64X	October 2003	10	460,800	0.002%
64X	November 2003	10	403,200	0.002%
64X	December 2003	5	504,000	0.001%
64X	January 2004	10	676,800	0.001%
64X	February 2004	2	403,200	0.000%
64X	March 2004	4	504,000	0.001%
64X	April 2004	0	388,800	0.000%
64X	May 2004	10	403,200	0.002%
64X	June 2004	5	518,400	0.001%
64X	July 2004	10	403,200	0.002%
64X	August 2004	31	388,800	0.008%
64X	September 2004	51	518,400	0.010%
64X	October 2004	5	403,200	0.001%
64X	November 2004	10	388,800	0.003%
64X	December 2004	10	518,400	0.002%
64X	January 2005	5	388,800	0.001%
64X	February 2005	5	403,200	0.001%
64X	March 2005	5	532,800	0.001%
64X	April 2005	0	417,600	0.000%
64X	May 2005	0	374,400	0.000%
64X	June 2005	5	504,400	0.001%
64X	July 2005	15	417,600	0.004%
64X	August 2005	20	489,600	0.004%
64X	September 2005	25	403,200	0.006%
64X	October 2005	25	403,200	0.006%
64X	November 2005	0	489,600	0.000%
64X	December 2005	6	417,600	0.001%
64X	January 2006	1	417,600	0.000%
64X	February 2006	1	388,800	0.000%
64X	March 2006	1	504,000	0.000%
64X	April 2006	1	403,200	0.000%
64X	May 2006	83	403,200	0.021%
64X	June 2006	14	518,400	0.003%
64X	July 2006	28	388,800	0.007%
64X	August 2006	127	504,000	0.025%
64X	September 2006	24.2	403,200	0.006%
64X	October 2006	68.2	403,200	0.017%
64X	November 2006	13.9	489,600	0.003%
64X	December 2006	14.9	446,400	0.003%
64X	January 2007	24.6	475,200	0.005%
64X	February 2007	2.8	403,200	0.001%
64X	March 2007	23.0	432,000	0.005%
64X	April 2007	11.9	388,800	0.003%

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RECOVERY SYSTEM	DATE	RECOVERY (Gallons)		LNAPL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64X	May 2007	7.0	489,600	0.001%
64X	June 2007	0.0	403,200	0.000%
64X	July 2007	3.6	432,000	0.001%
64X	August 2007	82.6	489,600	0.017%
64X	September 2007	191.0	403,200	0.047%
64X	October 2007	110.0	475,200	0.023%
64X	November 2007	115.8	403,200	0.029%
64X	December 2007	34.1	432,000	0.008%
RW-1X	January 2000	N/A	711,000	N/A
RW-1X	February 2000	N/A	595,000	N/A
RW-1X	March 2000	N/A	1,039,000	N/A
RW-1X	April 2000	N/A	700,500	N/A
RW-1X	May 2000	N/A	805,400	N/A
RW-1X	June 2000	N/A	767,600	N/A
RW-1X	July 2000	N/A	786,300	N/A
RW-1X	August 2000	N/A	1,077,400	N/A
RW-1X	September 2000	N/A	880,500	N/A
RW-1X	October 2000	N/A	851,000	N/A
RW-1X	November 2000	N/A	942,400	N/A
RW-1X	December 2000	N/A	734,200	N/A
RW-1X	January 2001	N/A	828,100	N/A
RW-1X	February 2001	N/A	642,700	N/A
RW-1X	March 2001	N/A	776,100	N/A
RW-1X	April 2001	N/A	858,200	N/A
RW-1X	May 2001	N/A	836,900	N/A
RW-1X	June 2001	N/A	742,700	N/A
RW-1X	July 2001	N/A	693,800	N/A
RW-1X	August 2001	N/A	809,700	N/A
RW-1X	September 2001	N/A	564,100	N/A
RW-1X	October 2001	N/A	739,700	N/A
RW-1X	November 2001	N/A	522,500	N/A
RW-1X	December 2001	N/A	605,000	N/A
RW-1X	January 2002	N/A	685,600	N/A
RW-1X	February 2002	N/A	506,100	N/A
RW-1X	March 2002	N/A	521,400	N/A
RW-1X	April 2002	N/A	581,900	N/A
RW-1X	May 2002	N/A	730,900	N/A
RW-1X	June 2002	N/A	547,500	N/A
RW-1X	July 2002	N/A	686,400	N/A
RW-1X	August 2002	N/A	507,600	N/A
RW-1X	September 2002	N/A	461,900	N/A
RW-1X	October 2002	5	590,800	0.001%
RW-1X	November 2002	0	518,300	0.000%
RW-1X	December 2002	5	412,300	0.001%
RW-1X	January 2003	5	276,600	0.002%
RW-1X	February 2003	0	285,100	0.000%
RW-1X	March 2003	5	485,000	0.001%
RW-1X	April 2003	5	689,700	0.001%
RW-1X	May 2003	0	482,900	0.000%
RW-1X	June 2003	0	502,100	0.000%
RW-1X	July 2003	0	541,200	0.000%
RW-1X	August 2003	0	499,300	0.000%
RW-1X	September 2003	10	486,700	0.002%
RW-1X	October 2003	0	690,100	0.000%
RW-1X	November 2003	0	488,500	0.000%
RW-1X	December 2003	0	575,100	0.000%
RW-1X	January 2004	0	426,600	0.000%
RW-1X	February 2004	0	382,600	0.000%
RW-1X	March 2004	1	502,100	0.000%
RW-1X	April 2004	0	387,100	0.000%
RW-1X	May 2004	0	397,200	0.000%
RW-1X	June 2004	5	453,900	0.001%
RW-1X	July 2004	0	363,900	0.000%
RW-1X	August 2004	0	473,200	0.000%
RW-1X	September 2004	10	500,500	0.002%

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RW-1X	October 2004	0	501,400	0.000%
RW-1X	November 2004	0	402,900	0.000%
RW-1X	December 2004	0	443,700	0.000%
RW-1X	January 2005	0	389,000	0.000%
RW-1X	February 2005	0	330,400	0.000%
RW-1X	March 2005	0	399,300	0.000%
RW-1X	April 2005	0	354,700	0.000%
RW-1X	May 2005	0	233,700	0.000%
RW-1X	June 2005	0	328,300	0.000%
RW-1X	July 2005	0	109,800	0.000%
RW-1X	August 2005	0	142,000	0.000%
RW-1X	September 2005	0	80,000	0.000%
RW-1X	October 2005	0	299,300	0.000%
RW-1X	November 2005	0	390,700	0.000%
RW-1X	December 2005	0	324,500	0.000%
RW-1X	January 2006	0	417,500	0.000%
RW-1X	February 2006	0	381,500	0.000%
RW-1X	March 2006	0	119,720	0.000%
RW-1X	April 2006	0	403,940	0.000%
RW-1X	May 2006	0	385,828	0.000%
RW-1X	June 2006	0	561,633	0.000%
RW-1X	July 2006	0	369,041	0.000%
RW-1X	August 2006	0	471,215	0.000%
RW-1X	September 2006	1.1	374,761	0.000%
RW-1X	October 2006	0	397,949	0.000%
RW-1X	November 2006	2	545,763	0.000%
RW-1X	December 2006	0	435,048	0.000%
RW-1X	January 2007	0	531,367	0.000%
RW-1X	February 2007	0	385,165	0.000%
RW-1X	March 2007	0	456,714	0.000%
RW-1X	April 2007	6	485,631	0.001%
RW-1X	May 2007	0	525,891	0.000%
RW-1X	June 2007	0	432,622	0.000%
RW-1X	July 2007	0	288,576	0.000%
RW-1X	August 2007	0	486,758	0.000%
RW-1X	September 2007	0	400,292	0.000%
RW-1X	October 2007	0	478,460	0.000%
RW-1X	November 2007	0	393,698	0.000%
RW-1X	December 2007	0	427,529	0.000%
17W	October 2006	21		
17W	November 2006	24		
17W	December 2006	13		
17W	January 2007	8		
17W	February 2007	6		
17W	March 2007	6		
17W	April 2007	2		
17W	May 2007	6		
17W	June 2007	5		
17W	July 2007	1		
17W	August 2007	2		
17W	September 2007	1		
17W	October 2007	1		
17W	November 2007	0		
17W	December 2007	0		

NOTES:

1. LNAPL recovery efficiency = percentage of LNAPL removed compared to total liquid removal (i.e., LNAPL removal volume / groundwater removal volume + LNAPL removal volume).
2. LNAPL collection was recorded as a combined total from 40R/64R until November 2002; groundwater
3. LNAPL collection was recorded as a combined total from the RW-1(S) and 64S recovery systems until
4. LNAPL collection was recorded as a combined total from the RW-1(X) and 64X recovery systems until

**Table F-2
East Street Area 2-South Automated LNAPL Recovery System Overall Efficiency From 2000 - 2007**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company-Pittsfield, Massachusetts**

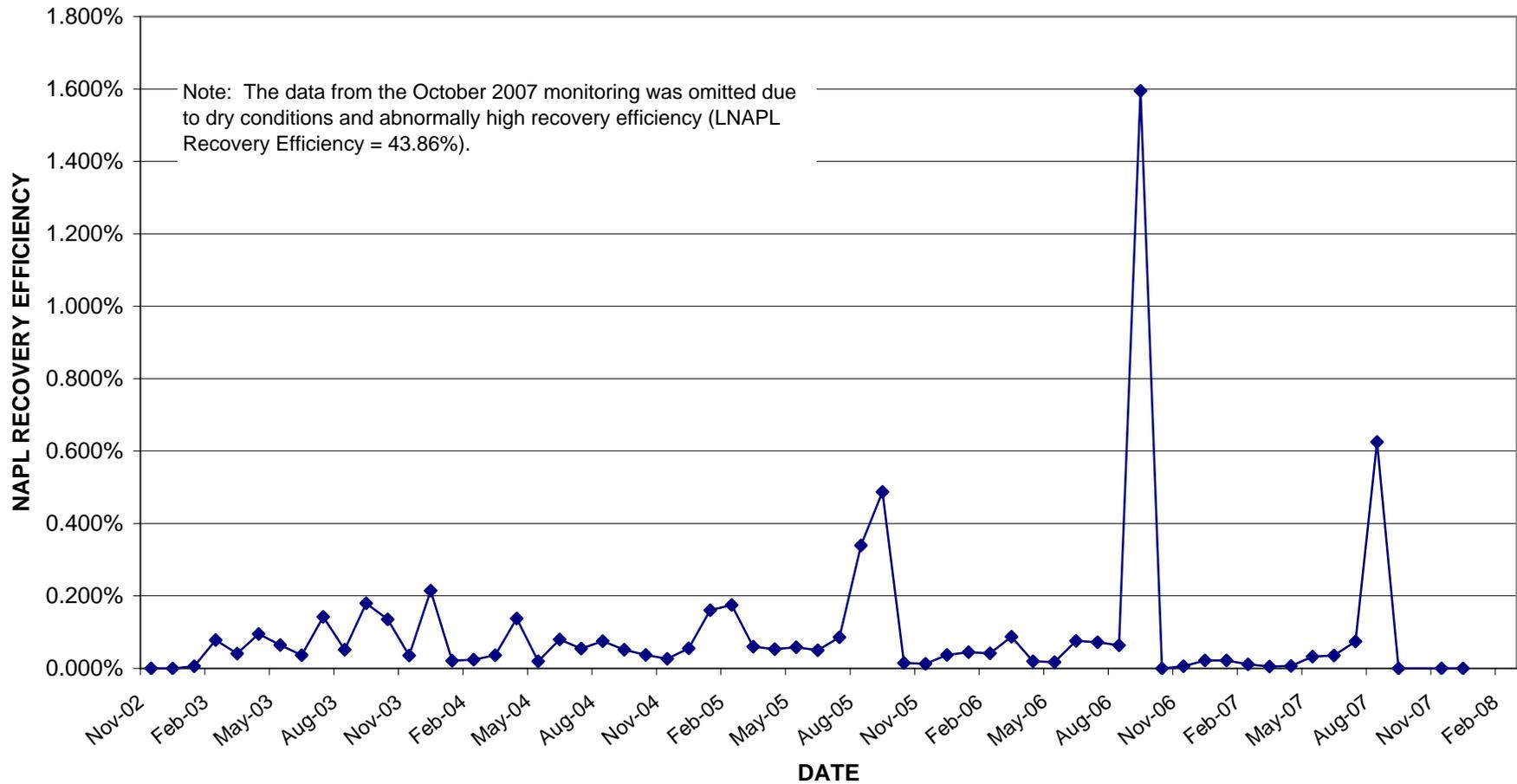
RECOVERY SYSTEM	TIME FRAME	RECOVERY (Gallons)		OVERALL RECOVERY EFFICIENCY
		LNAPL	GROUNDWATER	
64R/40R	January 2000 - December 2007	35,551	39,166,585	0.091%
64R	November 2002 - December 2007	17,172	28,973,385	0.059%
GMA1-17W	October 2006 - December 2007	96	NA	NA
64S/RW-1S	January 2000 - December 2007	49,050	134,065,457	0.037%
64S	December 2002 - December 2007	22,446	41,591,051	0.054%
RW-1S	December 2002 - December 2007	3,162	51,751,563	0.006%
64V	January 2000 - December 2007	66,830	102,354,753	0.065%
64X/RW-1X	January 2000 - December 2007	2,903	92,585,101	0.003%
64X	October 2002 - December 2007	1,490	27,860,300	0.005%
RW-1X	October 2002 - December 2007	60	26,297,101	0.0002%

NOTES:

1. LNAPL recovery efficiency = percentage of LNAPL removed compared to total liquid removal (i.e., LNAPL removal volume / groundwater removal volume + LNAPL removal volume).
2. LNAPL collection was recorded as a combined total from 40R/64R until November 2002. Data collected from system 64R during and after November 2002 (groundwater recovery is all from 64R) is presented separately and also included in the combined total for the 40R/64R systems.
3. LNAPL collection was recorded as a combined total from the RW-1(S) and 64S recovery systems until December 2002. Data collected during and after December 2002 is presented separately for each system and also included in the combined total for the RW-1(S) and 64S systems.
4. LNAPL collection was recorded as a combined total from the RW-1(X) and 64X recovery systems until October 2002. Data collected during and after October 2002 is presented separately for each system and also included in the combined total for the RW-1(X) and 64X systems.

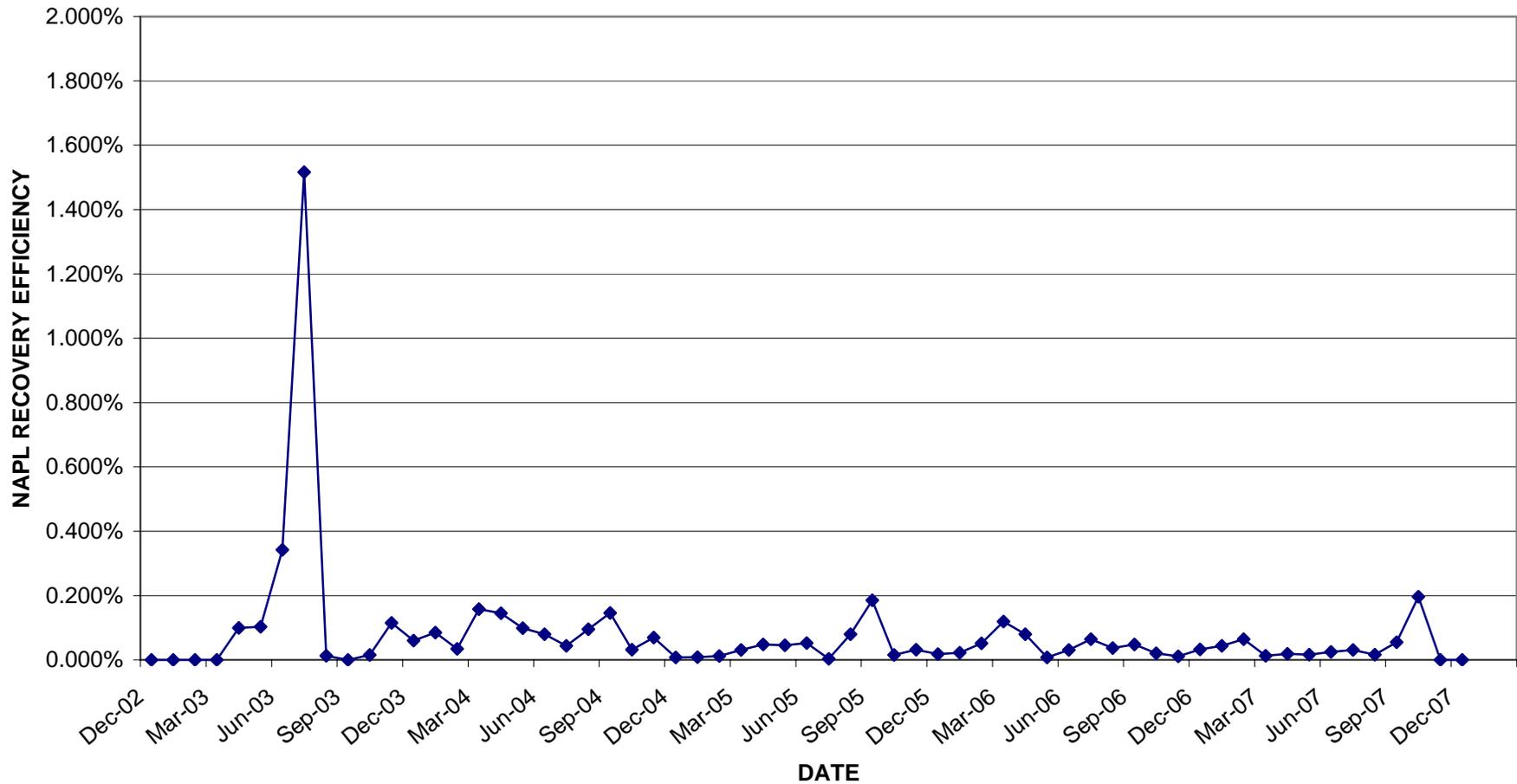
**Appendix F
LNAPL Recovery Efficiency Data For
East Street Area 2 - South System 64R**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



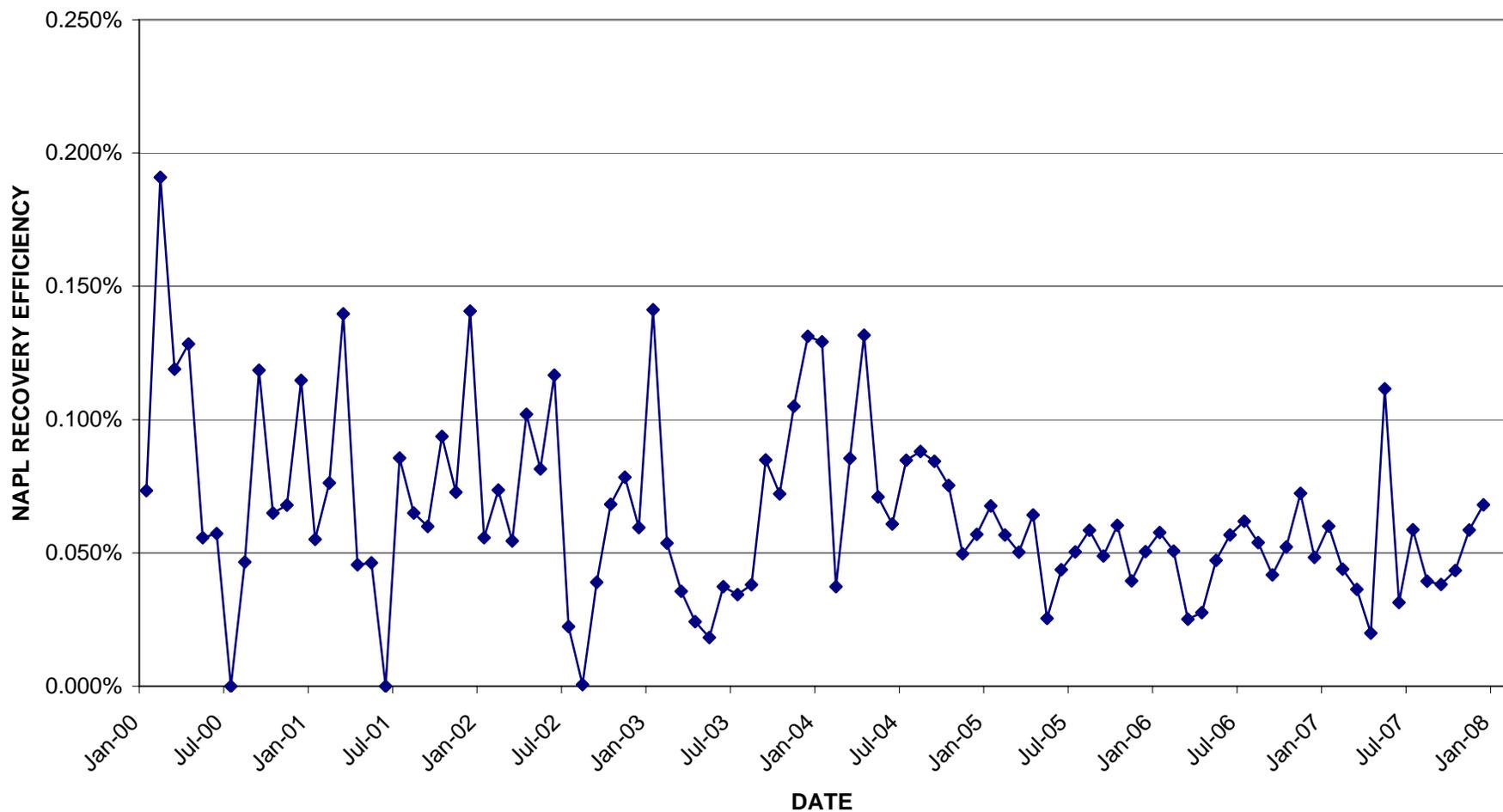
Appendix F
LNAPL Recovery Efficiency Data For
East Street Area 2 - South System 64S

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



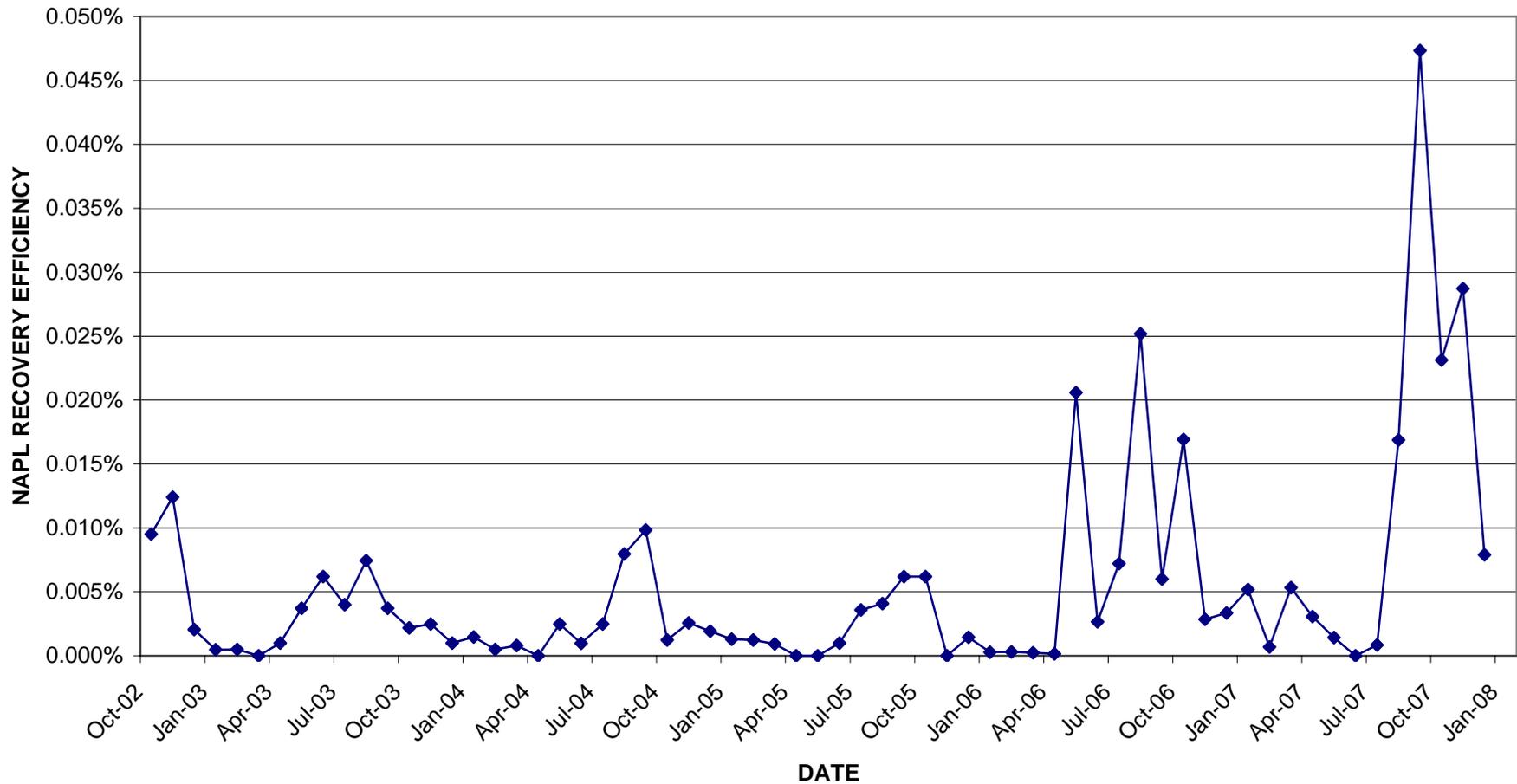
Appendix F
LNAPL Recovery Efficiency Data For
East Street Area 2 - South System 64V

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts



**Appendix F
LNAPL Recovery Efficiency Data For
East Street Area 2 - South System 64X**

**Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, Massachusetts**



ARCADIS

Appendix G

River Bank Inspection Forms

**GE Pittsfield/Housatonic River Site
GMA 1
Riverbank Inspection Form**

Date: 11/16/2007

Inspector(s): K L Cornwell

Weather: Partially Cloudy, ~40 degrees

R A Bates

Date of High Flow Event: Semi-annual

NAPL Observations: None Observed

Stain/Sheen Observations: No NAPL staining or oil sheens observed

- No organic sheens observed

- Small amount of rust staining upriver of building 65.

Discharge Pipe & Pipe Backfill (area surrounding pipe) Observations: _____

- Did not notice stains/sheens along Newell St. Siphons

- Outfall 06A: Dry

- Outfall 006: Flowing seady, lots of dark green algae (or other vegetation).

- Outfall 05A - Pipe next to outfall flowing steady, water clear. Trough has water in it. O5A not flowing.

- Outfall Newell 1 -Water not flowing.

- Lyman Outfall - Damp, some standing water, no stains or sheens.

- Silver Lake Outfall - Flowing steady, 4-6 inches deep. Some sand and vegetation present

- Pipe by 65, no seeping, some dark water seeps around cracked corner of concrete.

- Pipe behind building 65, calcification and rust staining around inner pipe sticking out. No seeping at time of inspection

Observations at Ends of Sheet pile Barriers: _____

-No NAPL Stains or Sheens Observed

- Some patchy (mentioned above) iron staining south of Building 63, may be similar to staining

observed near this location during previous inspections.

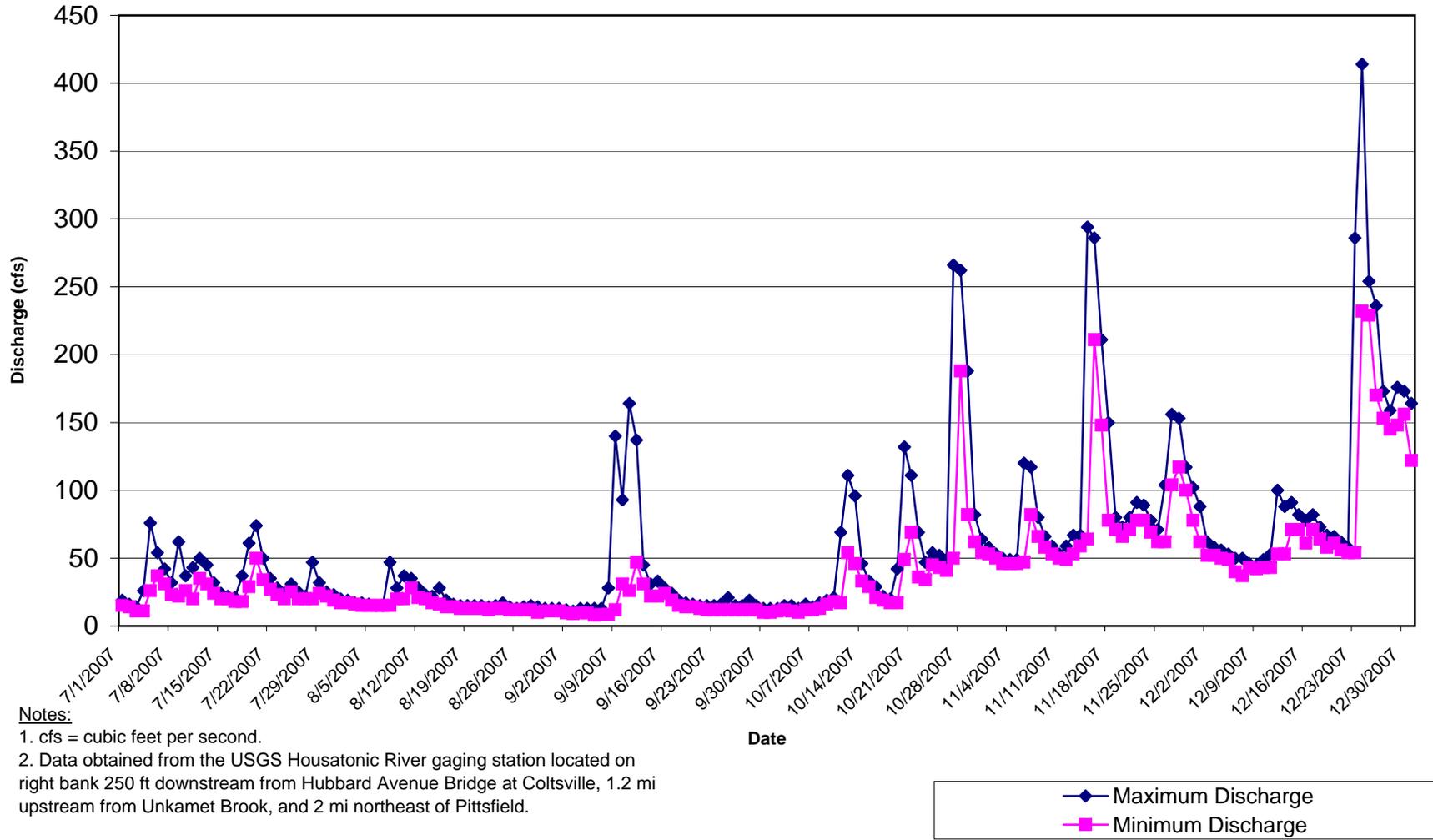
Other Comments/Impacted Areas/Observations: _____

- Some recent beaver activity downstream of building 68.

- Some sort of built-up or calcification around pipe by building 65 location, mentioned above.

**Appendix G
Housatonic River Discharge Data at Coltsville, MA USGS Gauging Station**

**General Electric Company - Pittsfield, Massachusetts
July 2007 - December 2007**



**Table G-1
Housatonic River Discharge At Coltsville, Ma USGS Gauging Station
July - December 2007**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield Massachusetts**

Date	Maximum Discharge (cfs)	Minimum Discharge (cfs)	Comments
07/01/07	19	15	
07/02/07	16	14	
07/03/07	14	11	
07/04/07	26	11	
07/05/07	76	26	
07/06/07	54	37	
07/07/07	42	31	
07/08/07	32	23	
07/09/07	62	22	
07/10/07	37	26	
07/11/07	43	20	
07/12/07	50	35	
07/13/07	45	31	
07/14/07	32	24	
07/15/07	24	20	
07/16/07	22	20	
07/17/07	21	18	
07/18/07	37	18	
07/19/07	61	29	
07/20/07	74	50	
07/21/07	50	34	
07/22/07	35	27	
07/23/07	28	23	
07/24/07	24	20	
07/25/07	31	25	
07/26/07	25	20	
07/27/07	22	20	
07/28/07	47	20	
07/29/07	32	24	
07/30/07	25	22	
07/31/07	23	19	
08/01/07	20	17	
08/02/07	19	17	
08/03/07	17	16	
08/04/07	17	15	
08/05/07	16	15	
08/06/07	15	15	
08/07/07	15	15	
08/08/07	47	15	
08/09/07	28	20	
08/10/07	37	20	
08/11/07	35	28	
08/12/07	28	21	
08/13/07	23	20	
08/14/07	22	17	
08/15/07	28	16	
08/16/07	19	14	
08/17/07	16	14	
08/18/07	15	13	

**Table G-1
Housatonic River Discharge At Coltsville, Ma USGS Gauging Station
July - December 2007**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield Massachusetts**

Date	Maximum Discharge (cfs)	Minimum Discharge (cfs)	Comments
08/19/07	15	13	
08/20/07	15	13	
08/21/07	15	13	
08/22/07	14	12	
08/23/07	15	13	
08/24/07	17	13	
08/25/07	14	12	
08/26/07	13	12	
08/27/07	14	12	
08/28/07	15	12	
08/29/07	14	10	
08/30/07	13	11	
08/31/07	13	11	
09/01/07	13	11	
09/02/07	12	9.5	
09/03/07	11	9	
09/04/07	13	9.5	
09/05/07	13	9.5	
09/06/07	13	8	
09/07/07	13	8.5	
09/08/07	28	8.5	
09/09/07	140	12	
09/10/07	93	31	
09/11/07	164	26	
09/12/07	137	47	
09/13/07	45	31	
09/14/07	31	22	
09/15/07	33	22	
09/16/07	28	24	
09/17/07	24	19	
09/18/07	19	15	
09/19/07	17	14	
09/20/07	16	14	
09/21/07	15	13	
09/22/07	15	12	
09/23/07	15	12	
09/24/07	16	12	
09/25/07	21	12	
09/26/07	15	12	
09/27/07	15	12	
09/28/07	19	12	
09/29/07	15	12	
09/30/07	13	10	
10/01/07	13	10	
10/02/07	13	11	
10/03/07	15	12	
10/04/07	15	11	
10/05/07	13	10	
10/06/07	16	12	

Table G-1
Housatonic River Discharge At Coltsville, Ma USGS Gauging Station
July - December 2007

NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield Massachusetts

Date	Maximum Discharge (cfs)	Minimum Discharge (cfs)	Comments
10/07/07	14	12	
10/08/07	17	13	
10/09/07	19	16	
10/10/07	21	18	
10/11/07	69	17	
10/12/07	111	54	
10/13/07	96	46	
10/14/07	46	33	
10/15/07	33	29	
10/16/07	29	21	
10/17/07	22	19	
10/18/07	20	17	
10/19/07	42	17	
10/20/07	132	49	
10/21/07	111	69	
10/22/07	69	36	
10/23/07	47	34	
10/24/07	54	45	
10/25/07	52	43	
10/26/07	49	41	
10/27/07	266	50	
10/28/07	262	188	
10/29/07	188	82	
10/30/07	82	62	
10/31/07	64	54	
11/01/07	58	53	
11/02/07	53	50	
11/03/07	50	46	
11/04/07	49	46	
11/05/07	49	46	
11/06/07	120	47	
11/07/07	117	82	
11/08/07	80	66	
11/09/07	66	58	
11/10/07	59	53	
11/11/07	53	50	
11/12/07	59	49	
11/13/07	67	53	
11/14/07	67	59	
11/15/07	294	64	
11/16/07	286	211	
11/17/07	211	148	
11/18/07	150	78	
11/19/07	80	71	
11/20/07	73	66	
11/21/07	80	71	
11/22/07	91	78	
11/23/07	89	78	
11/24/07	78	69	

**Table G-1
Housatonic River Discharge At Coltsville, Ma USGS Gauging Station
July - December 2007**

**NAPL Monitoring Report For Fall 2007
Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield Massachusetts**

Date	Maximum Discharge (cfs)	Minimum Discharge (cfs)	Comments
11/25/07	71	62	
11/26/07	104	62	
11/27/07	156	104	
11/28/07	153	117	
11/29/07	117	100	
11/30/07	102	78	
12/01/07	88	62	
12/02/07	62	52	
12/03/07	58	52	
12/04/07	56	50	
12/05/07	53	49	
12/06/07	50	40	
12/07/07	50	37	
12/08/07	46	43	
12/09/07	45	42	
12/10/07	49	43	
12/11/07	53	43	
12/12/07	100	53	
12/13/07	88	53	
12/14/07	91	71	
12/15/07	82	71	
12/16/07	78	61	
12/17/07	82	71	
12/18/07	73	64	
12/19/07	67	58	
12/20/07	66	61	
12/21/07	62	56	
12/22/07	58	54	
12/23/07	286	54	
12/24/07	414	232	
12/25/07	254	229	
12/26/07	236	170	
12/27/07	173	153	
12/28/07	159	145	
12/29/07	176	148	
12/30/07	173	156	
12/31/07	164	122	

Notes:

1. cfs - cubic feet per second.
2. Data obtained from the USGS Real-Time Water Data for Massachusetts Web Interface.
3. Data collected over 15 minute intervals, Daily maximum and minimum discharge values are presented.
4. Location: Lat 42°28'10", long 73°11'49", Berkshire County, Hydrologic Unit 01100005, on right bank 250 ft downstream from Hubbard Avenue Bridge at Coltsville, 1.2 mi upstream from Unkamet Brook, and 2 mi northeast of Pittsfield. Prior to Nov. 8, 1994, at site 200 ft upstream.

Appendix H

LNAPL Recovery Test Results –
Well 95-4R

**Table H-1
LNAPL Recovery Summary
LNAPL Recovery Assessment - Fall 2007**

**Groundwater Management Area 1
General Electric Company - Pittsfield, Massachusetts**

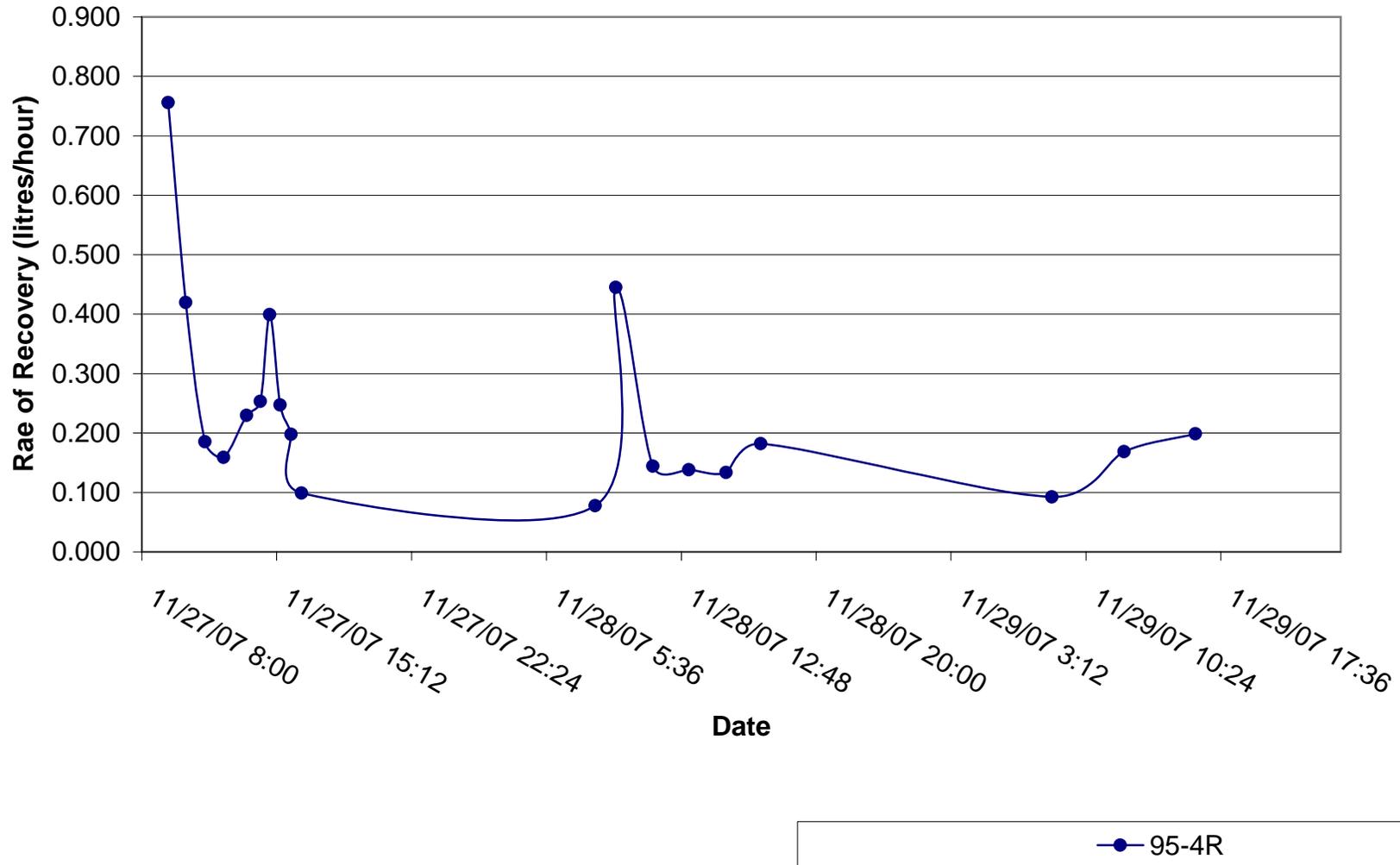
Well ID	95-4R
Day One - One Hour Recovery Intervals	
Initial LNAPL Thickness (feet)	1.260
Average LNAPL Thickness (feet)	0.196
Total LNAPL Removal (liters)	5.339
Average LNAPL Removal (liters)	0.485
Average Recovery Rate (liters/hr)	0.295
Day Two - Two Hour Recovery Intervals	
Initial LNAPL Thickness (feet)	0.490
Average Thickness (feet)	0.187
Total LNAPL Removal (liters)	2.768
Average LNAPL Removal (liters)	0.461
Average Recovery Rate (liters/hr)	0.187
Day Three - Four Hour Recovery Intervals	
Initial LNAPL Thickness (feet)	0.580
Average Thickness (feet)	0.377
Total LNAPL Removal (liters)	2.793
Average LNAPL Removal (liters)	0.931
Average Recovery Rate (liters/hr)	0.153
Overall	
Average Thickness (feet)	0.221
Total LNAPL Removal (liters)	10.900
Average LNAPL Removal (liters)	0.545
Average Recovery Rate (liters/hr)	0.238

Notes:

1. Initial LNAPL thickness on Day One represents conditions prior to testing.
2. Average LNAPL removed represents average removal per pumping interval.
3. Average LNAPL recovery rate represents average recovery between pumping intervals.
4. Initial LNAPL thickness on Day One represents conditions prior to testing.
Initial Thickness on Days Two and Three represent recovery from prior days testing (approximately hours).
5. Average LNAPL removed represents average removal per pumping interval.
6. Average LNAPL recovery rate represents average recovery between pumping intervals.

Appendix H
LNAPL Recovery Rate - Fall 2007 LNAPL Pump Test

Plant Site 1 Groundwater Management Area
General Electric Company - Pittsfield, MA



LNAPL RECOVERY TEST FIELD LOG

WELL ID 95-4R

PAGE 1 OF 1

SITE GMA1 - ESA2S

LOCATION Pittsfield, MA

PERSONNEL KLC/JM

DATE	MEASUREMENT/ PUMP START TIME	PUMP STOP TIME	RECOVERY TIME (Minutes)	PUMPING TIME (Minutes)	DEPTH TO LNAPL (Feet BMP)	DEPTH TO WATER (Feet BMP)	LNAPL THICKNESS (Feet)	LNAPL REMOVAL (Liters)	LNAPL REMOVAL (Gallons)	RECOVERY TIME (Hours)	RECOVERY RATE (ft/hr)	RECOVERY RATE (Liter/Hr)	RECOVERY RATE (Gal/Hr)
11/27/07 8:24 AM	824	833	---	9	14.58	15.84	1.26	3.114	0.823				
11/27/07 9:24 AM	924	928	51	4	14.64	14.9	0.26	0.643	0.170	0.850	0.306	0.756	0.200
11/27/07 10:21 AM	1021	1026	53	5	14.66	14.81	0.15	0.371	0.098	0.883	0.170	0.420	0.111
11/27/07 11:22 AM	1122	1126	56	5	14.66	14.73	0.07	0.173	0.046	0.933	0.075	0.185	0.049
11/27/07 12:22 PM	1222	1225	56	3	14.67	14.73	0.06	0.148	0.039	0.933	0.064	0.159	0.042
11/27/07 1:36 PM	1336	1339	71	3	14.64	14.75	0.11	0.272	0.072	1.183	0.093	0.230	0.061
11/27/07 2:20 PM	1420	1424	41	4	14.68	14.75	0.07	0.173	0.046	0.683	0.102	0.253	0.067
11/27/07 2:50 PM	1450	1453	26	3	14.67	14.74	0.07	0.173	0.046	0.433	0.162	0.399	0.105
11/27/07 3:23 PM	1523	1528	30	5	14.64	14.69	0.05	0.124	0.033	0.500	0.100	0.247	0.065
11/27/07 3:58 PM	1558	1602	30	4	14.66	14.70	0.04	0.099	0.026	0.500	0.080	0.198	0.052
11/27/07 4:32 PM	1632	1635	30	3	14.68	14.70	0.02	0.049	0.013	0.500	0.040	0.099	0.026
11/28/07 8:12 AM	812	818	937	6	14.63	15.12	0.49	1.211	0.320	15.617	0.031	0.078	0.020
11/28/07 9:18 AM	918	924	60	6	14.65	14.83	0.18	0.445	0.118	1.000	0.180	0.445	0.118
11/28/07 11:17 AM	1117	1124	113	7	14.64	14.75	0.11	0.272	0.072	1.883	0.058	0.144	0.038
11/28/07 1:12 PM	1312	1321	118	9	14.63	14.74	0.11	0.272	0.072	1.967	0.056	0.138	0.037
11/28/07 3:12 PM	1512	1616	111	4	14.65	14.75	0.1	0.247	0.065	1.850	0.054	0.134	0.035
11/28/07 5:02 PM	1702	1705	106	3	14.59	14.72	0.13	0.321	0.085	1.767	0.074	0.182	0.048
11/29/07 8:35 AM	835	846	930	9	14.52	15.10	0.58	1.434	0.379	15.500	0.037	0.092	0.024
11/29/07 12:26 PM	1226	1231	220	5	14.57	14.82	0.25	0.618	0.163	3.667	0.068	0.169	0.045
11/29/07 4:15 PM	1615	1620	224	5	14.56	14.86	0.3	0.741	0.196	3.733	0.080	0.199	0.052
11/30/07 8:00 AM	800*	---	940	---	14.54	14.94	0.4	---	---	15.667	---	---	---

NOTES/OBSERVATIONS:

Recovery time refers to the elapsed time from the end of pumping (during the prior measurement interval) until the next measurements are collected.

Total well depth (Measure at start of each day of testing): 11/27: 21.94' 11/28: 21.92' 11/29: 21.90'

Total LNAPL removal: 5.339 Liters

Total LNAPL removal: 2.768 Liters *no NAPL removed, only depths found on 11/30/07, value is included in the average thickness, not the average recovery rate.

Total LNAPL removal: 2.793 Liters

TOTAL 10.900 Liters