REPORT

04-0025
SDMS 261521

Immediate Response Action Completion Report For Parcels I9-9-27 and I9-9-28 Pittsfield, Massachusetts

(MDEP Site No. 1-0563R) (RTN 1-12289, I9-9-27) (RTN 1-12281, I9-9-28)

General Electric Company
Pittsfield, Massachusetts

April 16, 1999

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

TECHNICAL REPORT

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1. Introduction

1.1 General

This *Immediate Response Action Completion Report* (IRA Completion Report) documents the response actions performed by the General Electric Company (GE) to address the presence of polychlorinated biphenyls (PCBs) detected in certain soils located at Parcels I9-9-27 and I9-9-28 in Pittsfield, Massachusetts. Specifically, this report describes response actions conducted between May 13 and 29, 1998, involving the removal and off-site disposal of approximately 155 cubic yards of soil (total) from the two parcels. This report has been prepared to satisfy Massachusetts Contingency Plan (MCP) requirements for the preparation of an IRA Completion Report (310 CMR 40.0427).

The need for an IRA at each of the parcels addressed in this report was based on the detection of polychlorinated biphenyls (PCBs) in accessible surficial soils at concentrations greater than 10 ppm and within 500 feet of a residence. Based on these criteria, a potential imminent hazard was identified pursuant to 310 CMR 40.0321 (2)(b). In response, GE provided a "two hour" release notification to the Massachusetts Department of Environmental Protection (MDEP) on April 9, 1998 in accordance with 310 CMR 40.0311(7). GE followed this verbal notification with the submittal of Release Notification & Notification Retraction Forms (BWSC-103) for Parcels I9-9-27 and I9-9-28 on April 14, 1998 (Attachment A) and an IRA Plan (discussed below) on April 24, 1998. The IRA Plan, prepared pursuant to 310 CMR 40.0411 of the MCP, identified GE's proposal to address, through the removal of select soils, the conditions associated with the potential imminent hazard.

The response actions for the parcels addressed by this report were performed in accordance with a document titled *Parcels I9-9-27, -28, Pittsfield, Massachusetts - Immediate Response Action Plan* (IRA Plan; Blasland, Bouck & Lee, Inc., April 1998). That document was submitted to the MDEP and the United States Environmental Protection Agency (USEPA) (the Agencies) and conditionally approved by the Agencies in a letter dated April 30, 1998 (Attachment B). The original IRA Plan dated April 24, 1998 included a proposal to collect additional soil samples from two soil borings and to amend the proposed soil removal limits as necessary upon receipt of this data. In their April 30, 1998 conditional approval letter, the Agencies concurred with this proposal but required GE to collect an additional soil sample. In addition, GE was required to submit an Immediate Response Action Transmittal Form (BWSC-105) with the revised IRA Plan prior to the commencement of response actions. A copy of the BWSC-105 form for Parcels I9-9-27 and I9-9-28 (Attachment C) and the updated soil removal limits (based on the laboratory analytical data from the additional sampling) was submitted to the Agencies on May 6, 1998.

Pursuant to the requirements of the Massachusetts Wetlands Protection Act (310 CMR 10.00), a Notice of Intent NOI application for the proposed IRA activities was required since the properties are located within designated wetlands resource areas. However, given scheduling constraints, the MDEP issued a Certificate of Emergency in lieu of an NOI to perform the work necessary to abate the potential imminent hazard. This certificate was included with the Agencies' April 30 conditional approval letter and is presented in Attachment D.

Additional information regarding the regulatory aspects of the response actions is provided in Section 1.2, while a summary of the various investigation and evaluation activities performed by GE is presented in Section 1.3. The subsequent IRA activities are described in Section 2 of this IRA Completion Report, and are supplemented by numerous data tables, figures and attachments. Section 3 of this report provides an evaluation of the response actions performed at the site. Please note that since some of the information summarized below has been previously submitted to the Agencies, only references to those prior submittals are provided herein.

1.2 Regulatory Status

Since November 1997, several investigation, assessment and evaluation activities have been conducted by GE regarding the presence of PCBs and other hazardous constituents in certain soils at Parcels I9-9-27 and I9-9-28, and the possible need for remedial actions to address potential current or future risks to health, safety, public welfare, and the environment. These activities were performed as part of a larger program undertaken by GE to identify, investigate, and remediate (where necessary) properties in Pittsfield and the surrounding areas where fill materials originating from the GE facility may have come to be located. Since this and all other properties within this program are Tier IA disposal sites pursuant to the MCP, all response actions conducted by GE have been performed under the direction and approval of the MDEP. Furthermore, for documentation purposes within the MCP, the off-site properties, including these parcels, are considered part of GE's "Remainder of the Facility" MCP Site (MDEP Site No. 1-0563R). The MDEP assigned individual Release Tracking Numbers (RTNs) for Parcels I9-9-27 (1-12289) and Parcel I9-9-28 (1-12281) based on two hour notifications provided by GE pursuant to 310 CMR 40.0311(7) of the MCP [indicating the detection of PCBs in soil at levels representing a potential imminent hazard per 310 CMR 40.0321(2)(b)].

1.3 Summary of Prior Investigations and Evaluations

Prior to the initiation of the IRA for Parcels I9-9-27 and I9-9-28, GE conducted a series of investigations to assess the presence of hazardous constituents regulated by the MCP. As previously stated, the investigations at these parcels were initiated in response to the possibility that fill materials originating from the GE facility may have come to be located at these properties. In November 1997, GE performed an initial site investigation at Parcel I9-9-28. Based on results of this investigation, GE performed a further assessment of this property and adjoining Parcel I9-9-27 in February 1998. GE performed an additional round of sampling at these two properties on March 31 and April 1, 1998 to further delineate the horizontal and vertical extent of PCBs. Upon receipt of the laboratory analytical results from the March 1998 phase of the site investigation, three accessible surface soil samples (i.e., 0- to 6-inch depth) were identified as having PCB concentrations at levels above 10 ppm, the threshold for a potential imminent hazard per 310 CMR 40.0321(2)(b). As previously discussed in Section 1.1, the ensuing correspondence between GE and the Agencies began with the two hour verbal notification provided by GE to the MDEP. The final round of sampling, which was proposed in the IRA Plan by GE and approved in the Agencies' April 30 conditional approval letter, was conducted on May 1, 1998. Upon receipt of this data, GE revised the soil removal limits and submitted these results along with a completed IRA Transmittal Form (Attachment C) to the Agencies on May 6, 1998. The PCB laboratory analytical data for Parcels I9-9-27 and I9-9-28 is presented in Tables 1 and 2 and displayed on Figure 1.

The results of the soil investigations summarized above provided a delineation of PCBs in accessible surface soils at concentrations greater than 10 ppm. For Parcels I9-9-27 and I9-9-28, GE proposed to remove those surface soils which contained PCBs at levels exceeding 10 ppm. The soil removal limits proposed by GE in the revised IRA Plan are presented on Figure 1.

In addition to the presence of PCBs in soil, the investigations performed by GE for Parcels I9-9-27 and I9-9-28 have included the collection of soil samples for analysis of those non-PCB constituents listed in Appendix IX of 40 CFR 264, plus benzidene, 2-chlorovinylether, and 1,2-diphenylhydrazine, excluding herbicides and pesticides (Appendix IX+3). These data, as well as the PCB data that remained following the performance of the IRA, will be considered during GE's future evaluations concerning the need for further remedial actions.

2. Summary of Immediate Response Actions

This section describes the activities performed by GE and its contractors related to the implementation of the IRA at Parcels I9-9-27 and I9-9-28. The IRA, including site preparation, soil removal, and property restoration, was implemented between May 13 and 29, 1998. The majority of the work (including the excavation and backfill activities) was performed between May 14 and 19, 1998. However, limited site preparation and restoration activities were also performed prior to May 14 and following May 19, respectively. The IRA was primarily conducted on behalf of GE by Maxymillian Technologies, Inc. (MTI). In addition, GE also retained Blasland, Bouck & Lee, Inc. (BBL) to assist in daily on-site observation; Berkshire Environmental Consultants, Inc. (BEC) to perform ambient air monitoring during the performance of excavation activities; Hill Engineers, Architects & Planners (Hill Engineers) to perform pre- and post-excavation survey control; Okerstrom-Lang to design and install new landscape plantings and/or structures upon completion of the Immediate Response Actions; and Berkshire Fence to install new fence as part of site restoration. A description of the key components of the IRA conducted at these properties is presented in the remainder of this section.

2.1 Permits and Approvals

Prior to initiating the IRA, GE obtained the necessary approvals, permits, and access agreements. These included receiving and incorporating the comments contained in the Agencies' conditional approval letter dated April 30, 1998 (Attachment B), and receiving a Certificate of Emergency issued by MDEP (Attachment D) in lieu of filing a Notice of Intent and receiving an Order of Conditions from the Pittsfield Conservation Commission. Lastly, GE was required by the Agencies in their conditional approval letter to secure permission for access to the properties from the property owners in order to perform the response actions.

2.2 Mobilization and Site Preparation

Mobilization and site preparation activities were conducted at Parcels I9-9-27 and I9-9-28 between May 13 and 15, 1998. In general, and as necessary, the following activities were performed for each property:

- Mobilization of labor, equipment, portable sanitary facility, and materials;
- Familiarization with the Contractor-specific and GE Health and Safety Plans (HASPs), as well as participation in site orientation and safety meetings required in the HASPs;
- Identification of underground utility lines within the proposed limits of excavation by utility company representatives;
- Demarcation of the anticipated limits of soil removal;
- Temporary relocation of a shed and other movable structures/objects which would impede IRA activities;
- Removal of existing wire fence and gate along the property line between Parcels I9-9-27 and I9-9-28;
- Installation of erosion and sedimentation control measures (i.e., staked silt fence around the proposed limits of excavation);
- Construction of a temporary access road to facilitate access for construction equipment and transport vehicles. The access road was constructed across the front lawn of Parcel I9-9-28 and consisted of a layer of woven geotextile fabric placed over the existing ground surface.
- Removal and chipping of trees, shrubs or other vegetation which would potentially interfere with soil removal operations. With Agency concurrence, large trees located within areas subject to one foot of soil removal or less, remained in place and excavation activities were performed around the trunk and roots of the trees. Grubbing of the root system of removed trees was performed concurrently with soil removal actions, with the grubbed trunk and root system disposed along with the excavated soils.

2.3 Soil Removal

Soil removal activities were initiated at Parcel I9-9-28 on May 14 and were completed on Parcel I9-9-27 on May 15, 1998. Excavation activities progressed from the back of Parcel I9-9-28 toward the back of Parcel I9-9-27, and then moved south toward the house on Parcel I9-9-27. Excavations were performed to a minimum depth of one foot and a maximum depth of two feet within the horizontal limits indicated on Figure 1, using a tracked excavator.

All excavated soils were loaded directly into trucks positioned on the temporary access road for off-site transport and disposal. The bed of each transport vehicle was lined with either polyethylene sheeting or another appropriate bed liner. After the vehicle was loaded, a tarpaulin was secured over the top of the bed and the wheels, undercarriage and outside of the transport vehicle were inspected for any accumulated soil which, if present, was removed prior to leaving the site.

During the performance of the IRA for Parcels I9-9-27 and I9-9-28, ambient air monitoring for airborne particulates was performed by BEC adjacent to the excavation areas in accordance with the *Scope of Work for Ambient Air Particulate Monitoring During Remedial Action at Off-Site Properties (I9-9-27 and I9-9-28)*, (BEC, May 1998). The results of the ambient air monitoring performed during the IRA are presented in the document titled *Ambient Air Monitoring for Particulate Matter - East Street Remediation Sites (DEP Site #1-0563)* (BEC, September 1998). Both of these documents are presented in Attachment E. Dust control measures (water spray equipment) were available for the duration of excavation activities, and were implemented periodically as a precautionary measure.

The final limits of excavation for Parcels I9-9-27 and I9-9-28 were surveyed by Hill Engineers. The survey information, presented on Figure 2, documents that the excavations were completed to the specified limits identified in the IRA Plan. Based on the final survey measurements, approximately 155 in-situ cubic yards of soil were removed, approximately 140 cubic yards of which originated from Parcel I9-9-27. Weight measurements made by GE in conjunction with off-site transport and disposal indicate that the combined weight of the excavated soils from the two properties was approximately 215 tons. A summary of the transport vehicle load weights is provided on Table 3.

2.4 Backfill and Restoration

Following confirmation that the excavation limits proposed in the IRA Plan were achieved, the excavations were backfilled and restored to their original conditions. Also, the temporary access road was removed and the area underneath restored to its pre-IRA condition. Site restoration activities were performed between May 15 and May 29, 1998. Backfill materials used for this project consisted of common fill, gravel, and topsoil and were obtained from sources previously identified by GE and approved by the Agencies. The associated laboratory analytical data for these backfill sources is presented in Attachment F. Restoration of the excavated areas involved the installation of either sod, asphalt, concrete, and/or landscaping/plantings. The existing shed structure located on Parcel I9-9-28 was moved back to its original location following restoration of the excavated areas. Both properties were restored as close to their pre-construction conditions, as possible. However, each owner requested reasonable deviations which were accommodated by GE. Specific details regarding the backfill and restoration of excavated areas within the site are provided below.

2.4.1 Sod Areas

Restoration of affected lawn areas began with the placement and compaction of appropriate backfill material. Survey stakes were positioned to facilitate placement of common fill to within 4 to 6 inches of final grade. The common backfill material was placed in 6- to 12-inch lifts and compacted using a roller. The final 4 to 6 inches were then

backfilled with clean topsoil to re-establish the original grade. The topsoil was fine graded to generally match the surrounding contours and was then covered with sod and adequately watered.

2.4.2 Asphalt/Concrete Areas

Restoration of affected asphalt/concrete areas (i.e., sidewalks) began with the placement and compaction of common backfill. The common fill was placed as previously described to within 9- to 11-inches of final grade. A total of approximately 6 to 8 inches of gravel material was then placed in 3- to 4-inch lifts on top of the common fill and compacted. In areas requiring the placement of asphalt, the final 3 inches of the excavation was then restored with a 2-inch layer of binder asphalt and a 1-inch layer of top asphalt. The asphalt material was placed and compacted to generally match the surrounding surface contours and to promote positive drainage. In areas requiring the restoration of concrete, the final 3 inches of the excavation was then restored with a 3-inch layer of concrete, with steel reinforcing mesh, and was poured to match the surrounding surface contours and to promote positive drainage.

2.4.3 Landscaping and Plantings

The restoration of landscaping items consisted of the installation of new shrubs, trees, and a fence depending on the specific property. The new landscaping items were designed with input from the property owners, and installed to the satisfaction of the owners. In addition, all structures/objects that were moved prior to excavation activities were either moved back to their original location or moved to an alternate location specified by the property owner. Upon completion of final restoration, all temporary erosion and sedimentation control measures were removed and disposed offsite.

2.5 Demobilization

At the completion of site restoration activities, contractor labor, equipment, excess materials, and sanitary facilities were removed from the site. Demobilization was completed by May 19, 1997. Following demobilization, the newly placed sod was watered until the vegetation was adequately established.

2.6 Off-Site Transport and Disposal

Based on the soil investigations conducted prior to the performance of the IRA, it was determined that the soils excavated from the properties were subject to disposal requirements contained in Toxic Substances Control Act (TSCA) (40 CFR 760) and corresponding Massachusetts Hazardous Waste Regulations (310 CMR 30.0000). In addition, four samples were collected prior to performance of the IRA from Parcels I9-9-27 and I9-9-28 and submitted for Toxicity Characteristic Leaching Procedure (TCLP) analyses to determine if the soil proposed for removal was subject to disposal restrictions under the federal Resource Conservation and Recovery Act (RCRA, 40 CFR 264) and equivalent state regulations found at 310 CMR 30.0000. Two samples were collected from discrete soil borings and submitted for TCLP lead analysis only. The laboratory analytical results for both samples were non-detect for TCLP lead. To further ensure that the soil proposed for excavation and disposal in the IRA was not subject to further disposal restrictions, two composite soil samples were collected from three locations each within the limits of the proposed soil removal area and submitted for full TCLP analyses. Both samples indicated that the soil proposed for removal as part of the IRA was not subject to further disposal restrictions under RCRA or Massachusetts hazardous waste disposal regulations. This soil was managed as solid waste and directly loaded into appropriately lined transport vehicles for transportation to a temporary stockpile area approved by the Agencies and located at the GE facility. The temporary stockpile area for TSCA soils at the GE facility consisted of a lined, bermed area located on the concrete floor inside Building 33X. This temporary stockpile area was covered with polyethylene sheeting at the

end of each work day. The soil in the temporary stockpile area was subsequently transported to the Chemical Waste Management (CWM) facility in Model City, New York.

Prior to transporting the excavated soil from the site to the temporary stockpile area, or from the temporary stockpile area to the CWM facility, the vehicles were covered with tarpaulins and appropriate placards were placed on the vehicles. In addition, a Massachusetts Hazardous Waste Manifest was prepared and signed by GE personnel or by BBL personnel on behalf of GE. Approximately 215 tons of TSCA soil was excavated from the properties and transported, via the temporary soil stockpile at the GE facility, to the CWM facility for disposal. Copies of the manifests for each load of TSCA material transported from the properties are presented in Attachment G. A summary of the transport vehicle load weights is provided in Table 3.

3. Findings and Conclusions

3.1 General

This IRA Completion Report describes the work performed by GE between November 1997 and May 1998 at Parcels I9-9-27 and I9-9-28, in Pittsfield, Massachusetts. These activities involved investigative sampling at the properties, notifying the MDEP of a potential imminent hazard based on the sampling results, developing an IRA Plan, and implementing the Agency-approved IRA. With the completion of the IRA, GE eliminated the potential imminent hazard condition associated with the presence of PCBs in accessible surface soils, as defined in 310 CMR 40.0321(2)(b) of the MCP. Therefore, provided as Attachment H to this IRA Completion Report is a IRA Transmittal Form (BWSC-105) which satisfies the requirement to submit a Completion Statement form, as specified in 310 CMR 40.0427(5). A summary of the findings and conclusions for the IRA is presented below.

3.2 Implementation of the IRA Plan

Implementation of the IRA Plan resulted in the removal of approximately 155 cubic yards of soil weighing approximately 215 tons. Based upon the laboratory analytical results from the soil investigations, all excavated soil was transported to the CWM disposal facility in Model City, NY in accordance with TSCA regulations.

Upon completion of the soil removal proposed in the IRA Plan, Parcels I9-9-27 and I9-9-28 were restored to their pre-construction conditions. Removal of the excavated soils and restoration of the properties resulted in the elimination of the potential imminent hazard by removing the accessible surface soils containing PCBs at concentrations greater than 10 ppm.

3.3 Future Activities

With respect to future IRA activities at Parcels I9-9-27 and I9-9-28, GE will perform periodic monitoring to ensure that restored vegetation is growing as anticipated and providing necessary erosion control. If necessary, additional planting will be done by GE to replace dead or dying vegetation or to fill in any gaps resulting from less than adequate growth.

With respect to future MCP-related activities at these properties, GE will continue to comply with the MCP in a manner consistent with the process used for the other residential properties. For these parcels, GE will first evaluate the existing soils data to determine the need for additional characterization data. If additional data is necessary, GE will submit a proposal to the Agencies. Once site characterization activities are complete, GE will evaluate the need for and scope of further remedial actions.

Tables

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL I9-9-27

SUMMARY OF PCB DATA
(ppm, dry weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
PARCEL I9-9-27						
Surface / Near-Surface Samples						
I9-9-27-SS-1	0 - 0.5	02/05/98	ND(0.44) [ND(0.85)]	ND(0.44) [ND(0.85)]	1.9 [1.8]	1.9 [1.8]
	0.5 - 1	02/05/98	ND(0.19)	ND(0.19)	0.39	0.39
I9-9-27-SS-2	0 - 0.5	02/05/98	ND(1.1)	ND(1.1)	2.0	2.0
	0.5 - 1	02/05/98	ND(0.79)	ND(0.79)	2.2	2.2
I9-9-27-SS-3	0 - 0.5	03/31/98	ND(0.22)	0.52	2.5	3.02
	0.5 - 1	03/31/98	ND(0.19)	0.27	1.2	1.47
I9-9-27-SS-4	0 - 0.5	03/31/98	ND(0.20)	0.26	0.92	1.18
	0.5 - 1	03/31/98	ND(0.20)	0.45	1.3	1.75
I9-9-27-SS-5	0 - 0.5	03/31/98	ND(0.21)	ND(0.21)	0.45	0.45
	0.5 - 1	03/31/98	ND(0.20)	8.2	ND(2.0)	8.2
I9-9-27-SS-6	0 - 0.5	03/31/98	ND(4.0)	29	57	86
	0.5 - 1	03/31/98	ND(2.0)	ND(2.0)	31	31
I9-9-27-SS-7	0 - 0.5	03/31/98	ND(21)	ND(21)	170	170
	0.5 - 1	03/31/98	ND(40)	ND(40)	230	230
I9-9-27-SS-14	0 - 0.5	05/01/98	ND(0.21)	ND(0.21)	1.3	1.3
	0.5 - 1	05/01/98	ND(0.20)	ND(0.20)	1.2	1.2
I9-9-27-SS-15	0 - 0.5	05/01/98	ND(0.038)	0.35	0.37	0.72
	0.5 - 1	05/01/98	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
I9-9-27-SS-16	0 - 0.5	05/01/98	ND(0.082)	ND(0.082)	0.84	0.84
	0.5 - 1	05/01/98	ND(0.038)	ND(0.038)	0.41	0.41
Soil Boring Samples						
I9-9-27-SB-1	0 - 0.5	02/05/98	ND(1.3)	ND(1.3)	3.3	3.3
	0.5 - 1	02/05/98	ND(2.2)	ND(2.2)	3.5	3.5
	1 - 2	02/05/98	ND(4.5)	13	ND(4.5)	13
	2 - 4	02/05/98	ND(4.2)	ND(4.2)	9.0	9.0
	4 - 6	02/05/98	ND(26)	47	ND(26)	47
	6 - 8	02/05/98	ND(1.0)	3.2	ND(1.0)	3.2
I9-9-27-SB-2	0 - 0.5	03/31/98	ND(0.29)	1.6	5.0	6.6
	0.5 - 1	03/31/98	ND(0.27)	0.56	1.1	1.66
	1 - 2	03/31/98	ND(0.24)	0.28	0.61	0.89
	2 - 4	03/31/98	ND(3.0)	7.3	13	20.3
	4 - 6	03/31/98	32	ND(3.4)	39	71
	6 - 8	03/31/98	16	ND(2.8)	25	41
	8 - 10	03/31/98	ND(24)	ND(24)	140	140
	10 - 12	03/31/98	0.74	ND(0.060)	0.88	1.62
I9-9-27-SB-3	0 - 0.5	04/01/98	ND(0.23)	ND(0.23)	1.7	1.7
	0.5 - 1	04/01/98	ND(0.020)	ND(0.020)	1.5	1.5
	1 - 2	04/01/98	ND(0.018)	0.086	0.15	0.236
	2 - 4	04/01/98	ND(0.022)	ND(0.022)	0.080	0.080
	4 - 6	04/01/98	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
	6 - 8	04/01/98	ND(0.38)	0.031	ND(0.019)	0.031
I9-9-27-SB-4	1 - 2	04/01/98	ND(0.19)	1.0	1.2	2.2
	2 - 4	04/01/98	ND(0.20)	ND(0.20)	0.54	0.54
	4 - 6	04/01/98	ND(0.023) [ND(0.023)]	ND(0.023) [0.42]	ND(0.023) [ND(0.023)]	ND(0.023) [0.42]
	6 - 8	04/01/98	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
I9-9-27-SB-5	0 - 0.5	04/01/98	ND(2.2)	ND(2.2)	6.7	6.7
	0.5 - 1	04/01/98	ND(0.19)	0.87	2.3	3.17
	1 - 2	04/01/98	ND(0.20)	1.1	2.3	3.4
	2 - 4	04/01/98	ND(0.19)	0.54	0.81	1.35
	4 - 6	04/01/98	ND(0.021) [ND(0.020)]	ND(0.021) [0.061]	ND(0.021) [ND(0.020)]	ND(0.021) [0.061]
	6 - 8	04/01/98	ND(0.20)	1.1	ND(0.20)	1.1
	8 - 10	04/01/98	ND(0.021)	0.021	ND(0.021)	0.021
I9-9-27-SB-6	1 - 2	05/01/98	ND(3.7)	12	13	25
	2 - 4	05/01/98	ND(0.037) [ND(0.038)]	0.16 [0.19]	0.21 [0.25]	0.37 [0.44]
	4 - 6	05/01/98	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6 - 8	05/01/98	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	8 - 10	05/01/98	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

Notes:

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Quanterra, Inc. for analysis of PCBs.
2) ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3) Duplicate results are presented in brackets.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL I9-9-28

SUMMARY OF PCB DATA
(ppm, dry weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
PARCEL I9-9-28						
Surface / Near-Surface Samples						
I9-9-28-SS-1	0 - 0.5	11/26/97	ND(0.20)	ND(0.20)	0.34	0.34
	0.5 - 1	11/26/97	ND(0.40)	ND(0.40)	0.78	0.78
I9-9-28-SS-2	0 - 0.5	11/26/97	ND(0.18)	ND(0.18)	0.58	0.58
	0.5 - 1	11/26/97	ND(0.18)	ND(0.18)	0.45	0.45
I9-9-28-SS-3	0 - 0.5	11/26/97	ND(0.88)	ND(0.88)	1.9	1.9
	0.5 - 1	11/26/97	ND(0.81)	ND(0.81)	1.6	1.6
I9-9-28-SS-4	0 - 0.5	11/26/97	ND(0.42)	ND(0.42)	0.70	0.70
	0.5 - 1	11/26/97	ND(0.82)	ND(0.82)	1.2	1.2
I9-9-28-SS-5	0 - 0.5	11/26/97	ND(0.037)	0.071 [0.18]	ND(0.037) [ND(0.037)]	0.071 [0.18]
	0.5 - 1	11/26/97	ND(0.073)	0.16	ND(0.073)	0.16
I9-9-28-SS-6	0 - 0.5	11/26/97	ND(0.41)	ND(0.41)	0.51	0.51
	0.5 - 1	11/26/97	ND(0.26)	ND(0.26)	0.43	0.43
I9-9-28-SS-7	0 - 0.5	11/26/97	ND(0.80)	ND(0.80)	0.88	0.88
	0.5 - 1	11/26/97	ND(0.39)	ND(0.39)	0.66	0.66
I9-9-28-SS-8	0 - 0.5	02/05/98	ND(0.47)	ND(0.47)	1.5	1.5
	0.5 - 1	02/05/98	ND(0.79)	ND(0.79)	4.5	4.5
I9-9-28-SS-9	0 - 0.5	03/31/98	ND(2000)	13000	ND(2000)	13000
	0.5 - 1	03/31/98	ND(1900)	6300	ND(1900)	6300
I9-9-28-SS-10	0 - 0.5	04/10/98	ND(0.032)	0.091	0.15	0.241
	0.5 - 1	04/10/98	ND(0.030)	0.12	0.12	0.24
I9-9-28-SS-11	0 - 0.5	04/10/98	ND(0.018)	0.40	0.33	0.73
	0.5 - 1	04/10/98	ND(0.022)	0.064	0.071	0.135
I9-9-28-SS-12	0 - 0.5	04/10/98	ND(0.39)	1.9	1.1	3.0
	0.5 - 1	04/10/98	ND(0.21)	ND(0.21)	0.74	0.74
I9-9-28-SS-13	0 - 0.5	04/10/98	ND(0.21)	ND(0.21)	0.74	0.74
	0.5 - 1	04/10/98	ND(0.042) [ND(0.20)]	0.13 [ND(0.20)]	0.22 [0.43]	0.35 [0.43]
Soil Boring Samples						
I9-9-28-SB-1	0 - 0.5	12/01/97	ND(0.076)	ND(0.076)	0.25	0.25
	0.5 - 1	12/01/97	ND(0.19)	ND(0.19)	0.52	0.52
	1 - 2	12/01/97	ND(0.039)	ND(0.039)	0.25	0.25
	2 - 4	12/01/97	ND(0.052)	ND(0.052)	0.094	0.094
	4 - 6	12/01/97	ND(0.98)	ND(0.98)	5.6	5.6
	6 - 8	12/01/97	ND(13)	55	ND(13)	55
I9-9-28-SB-2	0 - 0.5	12/01/97	ND(0.41)	ND(0.41)	2.1	2.1
	0.5 - 1	12/01/97	ND(0.39)	ND(0.39)	2.4	2.4
	1 - 2	12/01/97	ND(0.077)	ND(0.077)	0.40	0.40
	2 - 4	12/01/97	ND(0.038)	ND(0.038)	0.23	0.23
	4 - 6	12/01/97	ND(0.045)	ND(0.045)	0.066	0.066
	6 - 8	12/01/97	ND(0.045) [ND(0.043)]	ND(0.045) [ND(0.043)]	0.083 [0.20]	0.083 [0.20]
	8 - 10	12/01/97	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
	10 - 12	12/01/97	ND(0.058)	ND(0.058)	ND(0.058)	ND(0.058)
	12 - 14	12/01/97	ND(0.079)	ND(0.079)	ND(0.079)	ND(0.079)
	14 - 16	12/01/97	ND(0.061)	ND(0.061)	ND(0.061)	ND(0.061)

See notes on page 2.

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCEL I9-9-28

SUMMARY OF PCB DATA
(ppm, dry weight)

Sample ID	Depth (feet)	Date Collected	Aroclor-1242	Aroclor-1254	Aroclor-1260	Total PCBs
I9-9-28-SB-3	0 - 0.5	12/01/97	ND(0.44)	2.0	ND(0.44)	2.0
	0.5 - 1	12/01/97	ND(0.036)	ND(0.036)	0.18	0.18
	1 - 2	12/01/97	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	2 - 4	12/01/97	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	4 - 6	12/01/97	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]	ND(0.042) [ND(0.042)]
	6 - 8	12/01/97	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	8 - 10	12/01/97	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
I9-9-28-SB-4	1 - 2	02/05/98	ND(0.38)	ND(0.38)	0.98	0.98
	2 - 4	02/05/98	ND(0.38)	ND(0.38)	1.6	1.6
	4 - 6	02/05/98	ND(0.091)	ND(0.091)	0.17	0.17
	6 - 8	02/05/98	ND(0.043)	0.11	ND(0.043)	0.11
I9-9-28-SB-5	1 - 2	02/05/98	ND(0.038)	ND(0.038)	0.17	0.17
	2 - 4	02/05/98	ND(0.079) [ND(0.20)]	ND(0.079) [ND(0.20)]	0.41 [0.54]	0.41 [0.54]
	4 - 6	02/05/98	ND(0.86)	ND(0.86)	2.3	2.3
	6 - 8	02/05/98	ND(4.7)	ND(4.7)	19	19
	8 - 10	02/05/98	ND(0.89)	ND(0.89)	1.9	1.9
	10 - 12	02/05/98	ND(0.076)	ND(0.076)	ND(0.076)	ND(0.076)
	12 - 14	02/05/98	ND(0.11)	ND(0.11)	0.57	0.57
	14 - 16	02/05/98	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
I9-9-28-SB-6	1 - 2	03/31/98	ND(0.38)	4.3	4.6	8.9
	2 - 4	03/31/98	ND(0.021)	ND(0.021)	ND(0.021)	ND(0.021)
	4 - 6	03/31/98	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
	6 - 8	03/31/98	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
I9-9-28-SB-7	1 - 2	05/01/98	ND(0.035)	0.19	0.22	0.41
	2 - 4	05/01/98	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]	ND(0.037) [ND(0.038)]
	4 - 6	05/01/98	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6 - 8	05/01/98	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	8 - 10	05/01/98	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

Notes:

1) Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to Quanterra, Inc. for analysis of PCBs.
2) ND - Analyte was not detected. The value in parentheses is the associated detection limit.
3) Duplicate results are presented in brackets.

TABLE 3

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
PARCELS I9-9-27, I9-9-28

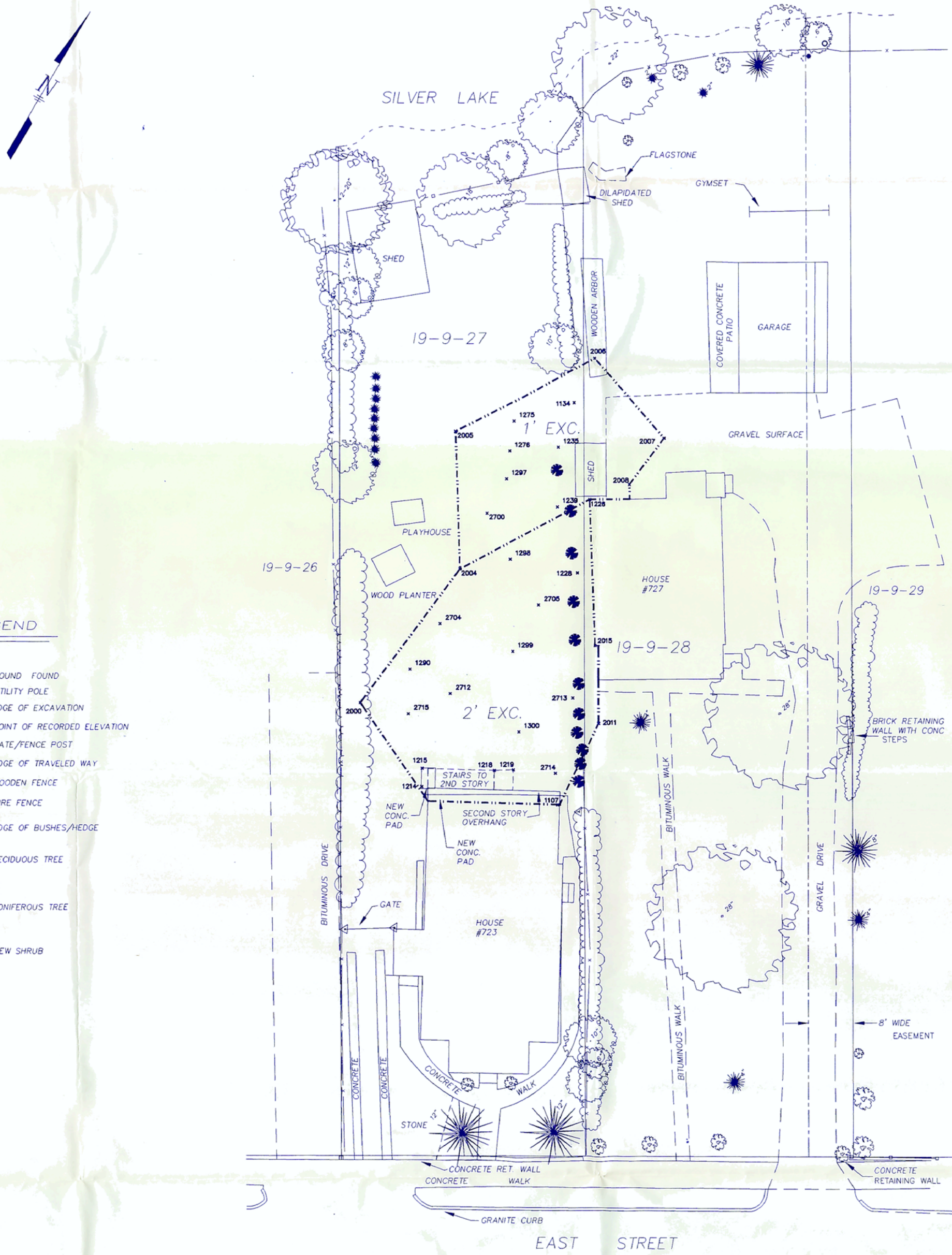
SUMMARY OF OFF-SITE TRANSPORT: TSCA SOIL LOADS, WEIGHTS, AND DESTINATION

Parcel No.	Manifest No.	Date	Destination	Tons
I9-9-27	MAK021315	05/14/98	Temporary Stockpile	17.58
I9-9-27	MAK021317	05/14/98	Temporary Stockpile	18.98
I9-9-27	MAK021318	05/14/98	Temporary Stockpile	17.85
I9-9-27	MAK021319	05/14/98	Temporary Stockpile	21.05
I9-9-27	MAK021322	05/15/98	Temporary Stockpile	16.52
I9-9-27	MAK020402	05/15/98	Temporary Stockpile	21.34
I9-9-27	MAK020404	05/15/98	Temporary Stockpile	0.61
I9-9-27	MAK020405	05/15/98	Temporary Stockpile	3.43
I9-9-27	MAK021321	05/15/98	Temporary Stockpile	19.32
I9-9-27	MAK021320	05/15/98	Temporary Stockpile	19.40
I9-9-27	MAK020401	05/15/98	Temporary Stockpile	18.20
I9-9-27	MAK021324	05/15/98	Temporary Stockpile	19.71
I9-9-27	MAK021323	05/15/98	Temporary Stockpile	17.72
I9-9-27	MAK020406	05/18/98	Temporary Stockpile	2.87
			Total Tons:	**214.58**

Notes:

1) Temporary Stockpile = Area within GE facility adjacent to building 33X.

Figures



LEGEND

- BOUND FOUND
- UTILITY POLE
- EDGE OF EXCAVATION
- 2716 — POINT OF RECORDED ELEVATION
- GATE/FENCE POST
- EDGE OF TRAVELED WAY
- WOODEN FENCE
- WIRE FENCE
- EDGE OF BUSHES/HEDGE
- DECIDUOUS TREE
- CONIFEROUS TREE
- NEW SHRUB

PT #	ORIGINAL ELEV.	EXCAV. ELEV.	EXCAV. DEPTH (FT)	FINAL ELEV.
1 FOOT EXCAVATION				
1134	985.0	983.9	1.1	984.8
1226	985.0	983.9	1.1	985.1
1235	984.7	983.3	1.4	984.6
1239	984.8	983.8	1.0	984.9
1275	984.7	983.5	1.2	984.6
1276	984.7	983.3	1.4	984.7
1297	984.8	983.3	1.5	984.7
2004	984.8	983.8	1.0	984.9
2005	984.5	983.5	1.0	984.4
2006	985.2	984.2	1.0	984.9
2007	985.5	984.1	1.4	985.4
2008	985.4	984.4	1.0	985.4
2700	984.6	983.6	1.0	984.7
2 FOOT EXCAVATION				
1107	986.9	984.7	2.2	987.0
1214	986.3	984.3	2.0	986.4
1215	986.2	984.1	2.1	986.4
1218	986.1	984.1	2.0	986.8
1219	986.2	984.2	2.0	986.5
1226	985.0	983.0	2.0	985.1
1228	985.1	983.1	2.0	985.1
1290	985.3	983.3	2.0	985.2
1298	984.7	982.3	2.4	984.9
1299	985.4	983.2	2.2	985.4
1300	985.9	983.9	2.0	986.1
2000	985.6	983.5	2.1	985.2
2004	984.8	982.8	2.0	984.9
2011	986.7	984.6	2.1	986.9
2015	985.4	983.2	2.2	985.4
2704	985.3	982.9	2.4	985.1
2705	985.0	983.0	2.0	985.1
2712	985.5	983.4	2.1	985.6
2713	986.1	984.1	2.0	986.1
2714	986.4	984.4	2.0	986.6
2715	985.5	983.4	2.1	985.6

NOTES:

1. HORIZONTAL AND VERTICAL CONTROL SUPPLIED BY BLASLAND, BOUCK & LEE.
2. AREAS OF REMEDIATION WERE SUPPLIED FROM BLASLAND, BOUCK & LEE SOIL REMOVAL LIMITS AS SHOWN ON THEIR PLAN TITLED SOIL REMOVAL LIMITS, PARCELS 19-9-27 AND 28, DRAWING NO. 20142G08.DWG.
3. SEE ALSO PLANS NUMBERED GE1018-33-1 AND GE1018-34-1, PREPARED BY HILL ENGINEERS, ARCHITECTS, AND PLANNERS INC.
4. THIS SITE PLAN DEPICTS AS BUILT CONDITIONS ON 6-11-98.

Hill engineers architects planners
50 Depot Street
Dalton, MA 01226
(413) 684-0925

GENERAL ELECTRIC COMPANY

PITTSFIELD — 723 & 727 EAST ST. — MASSACHUSETTS

SCALE 1"=10'	REV.	DESCRIPTION	DR'N.	CK'D.	DATE
DATE 7/24/98					
DR'N. FJS CK'D. BP					
AP'VD.					
COMP. CODE	BOOK NO.	CAD CODE 1833-2AB.DWG			

TITLE: AS-BUILT SITE PLAN: 19-9-27 AND -28

NO. GE1018-33-2AB — REV.

SDMS 261523

L: ON=*,OFF=REF,PRES*
P: DJB
5/3/98 SYR=54=DCC DWW NES JER DWW
20142490/20142G08.DWG

N

LEGEND

- PROPERTY LINE
- 19-9-28 PARCEL ID
- EDGE OF TRAVELLED WAY
- ▲ EXISTING SOIL BORING LOCATION
- △ SS-5 (0.071[0.18]/0.16) EXISTING SURFACE (0-6") AND NEAR-SURFACE (6-12") SOIL PCB SAMPLING LOCATION. TOTAL PCB CONCENTRATIONS (PPM DRY WT.) SHOWN IN PARENTHESIS (SURFACE/NEAR SURFACE). ND = NON-DETECT. DUPLICATE RESULTS SHOWN IN BRACKETS.
- 1-FOOT REMOVAL
- 2-FOOT REMOVAL

0 30' 60'

GRAPHIC SCALE

NOTES

1. BASE MAP PREPARED BASED ON FIGURE No. GE-1018-SKT-SS (10/13/97) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS USING AVAILABLE DATA AND IS NOT THE RESULT OF AN INSTRUMENT SURVEY AND FROM AERIAL PHOTOGRAPHY DATED APRIL 1990. ALL LOCATIONS ARE APPROXIMATE.
2. 1997/1998 SOIL/SEDIMENT SAMPLING WAS CONDUCTED BY BBL, INC., WITH MARCOR ENVIRONMENTAL REMEDIATION, INC. PROVIDING DRILLING SERVICES.
3. ALL EXISTING SAMPLING LOCATIONS SURVEYED BY BBL, INC. IN NOVEMBER 1997 AND FEBRUARY 1998. HOWEVER, THEIR LOCATIONS REFERENCED TO SITE FEATURES AND PROPERTY LINES IS APPROXIMATE.
4. ALL PCB RESULTS ARE PRELIMINARY.

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	0 - 0.5	0.5 - 1	1 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16
19-9-27-SB-1	3.3	3.5	13	9.0	47	3.2	--	--	--	--
19-9-27-SB-2	6.6	1.66	0.89	20.3	71	41	140	1.62	--	--
19-9-27-SB-3	1.7	1.5	0.236	0.08	ND	0.031	--	--	--	--
19-9-27-SB-4	--	--	2.2	0.54	ND(0.42)	ND	--	--	--	--
19-9-27-SB-5	6.7	3.17	3.4	1.35	ND(0.061)	1.1	0.021	--	--	--
19-9-27-SB-6	--	--	25	0.37(0.44)	ND	ND	ND	--	--	--
19-9-28-SB-1	0.25	0.52	0.25	0.094	5.6	55	--	--	--	--
19-9-28-SB-2	2.1	2.4	0.4	0.23	0.066	0.083(0.2)	ND	ND	ND	ND
19-9-28-SB-3	2.0	0.18	ND	ND	ND(ND)	ND	ND	--	--	--
19-9-28-SB-4	--	--	0.98	1.6	0.17	0.11	--	--	--	--
19-9-28-SB-5	--	--	0.17	0.41(0.54)	2.3	19	1.9	ND	0.57	ND
19-9-28-SB-6	--	--	8.9	ND	ND	ND	--	--	--	--
19-9-28-SB-7	--	--	0.41	ND(ND)	ND	ND	ND	--	--	--
19-9-29-SB-1	1.4	0.3	0.18	0.11	0.41	0.14	ND	ND	ND	ND
19-9-29-SB-2	0.63	1.1	0.17	0.09	0.039	ND	ND	ND	--	--
19-9-29-SB-3	--	--	2.57	0.154	1.29	0.29	0.131	0.226	ND	ND
19-9-29-SB-4	--	--	3.74	2.8	0.137	ND(4.8)	ND	ND	--	--
19-9-29-SB-5	--	--	2.0	0.097	1.55	0.46	0.042	ND	ND(ND)	ND
19-9-29-SB-6	--	--	1.9	2.1	5.1	0.081	ND	ND	ND	--

Notes:
1. Samples were collected by BBL, Inc. and were submitted to RECRA Labnet for analysis of PCBs.
2. -- = No sample collected.
3. ND = Not detected.
4. Duplicate results shown in brackets.

PRELIMINARY ANALYTICAL RESULTS - SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
IMMEDIATE RESPONSE ACTION - PARCELS 19-9-27 AND -28

SOIL REMOVAL LIMITS

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

FIGURE 1

Attachment A

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Release Notification & Notification Retraction Form (BWSC-103)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-103

Release Tracking Number: 1 - 12289 (If assigned by DEP)

RELEASE NOTIFICATION & NOTIFICATION RETRACTION FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

A. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 723 East Street Location Aid: I9-9-27

City/Town: Pittsfield ZIP Code: 01201

B. THIS FORM IS BEING USED TO: (check one)

[X] Submit a **Release Notification** (complete all sections of this form).

[ ] Submit a **Retraction of a Previously Reported Notification** of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You MUST attach the supporting documentation required by 310 CMR 40.0335.

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR. Date: 4/14/98 Time: 8:10 Specify. [X] AM [ ] PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

IF KNOWN, record date and time release or TOR occurred. Date: _____ Time: _____ Specify: [ ] AM [ ] PM

[X] Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. Date: 4/14/98 Time: 9:33 Specify [X] AM [ ] PM

Check all Notification Thresholds that apply to the Release or Threat of Release: (for more information see 310 CMR 40.0310 - 40.0315)

2 HOUR REPORTING CONDITIONS	72 HOUR REPORTING CONDITIONS	120 DAY REPORTING CONDITIONS
[ ] Sudden Release	[ ] Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch	[ ] Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)
[ ] Threat of Sudden Release	[ ] Underground Storage Tank (UST) Release	[ ] Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards
[ ] Oil Sheen on Surface Water	[ ] Threat of UST Release	[ ] Release of Oil to Groundwater Exceeding Reportable Concentration(s)
[ ] Poses Imminent Hazard	[ ] Release to Groundwater near Water Supply	[ ] Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch
[X] Could Pose Imminent Hazard	[ ] Release to Groundwater near School or Residence	
[ ] Release Detected in Private Well		
[ ] Release to Storm Drain		
[ ] Sanitary Sewer Release (Imminent Hazard Only)		

List below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM) Released:

O or HM Released	O (check one)	HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)
PCB		X		170	PPM	

D. ADDITIONAL INVOLVED PARTIES:

[ ] Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).

[ ] Check here if attaching Licensed Site Professional (LSP) name and address (optional)

You may write in names and addresses on the bottom of the second page of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-103

Release Tracking Number
___ _____ - ___ _____
If assigned by DEP

RELEASE NOTIFICATION & NOTIFICATION RETRACTION FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

E. PERSON REQUIRED TO NOTIFY:

Name of Organization: General Electric Company - Corporate Environmental Programs

Name of Contact: Richard W. Gates Title: Remediation Project Manager

Street: 100 Woodlawn Avenue

City/Town: Pittsfield State: MA ZIP Code: 01201

Telephone: 413 494-2176 Ext.: _____ FAX: (optional) _____

F. RELATIONSHIP OF PERSON REQUIRED TO NOTIFY TO RELEASE OR THREAT OF RELEASE: (check one)

☐ RP or PRP Specify: ○ Owner ☒ Operator ○ Generator ○ Transporter Other RP or PRP: _____

☐ Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ Any Person Otherwise Required to Notify Specify Relationship: _____

G. CERTIFICATION OF PERSON REQUIRED TO NOTIFY:

I, Richard W. Gates, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: Richard W Gates (signature) Title: Remediation Project Manager

For: _____ Date: 4/14/98
(print name of person or entity recorded in Section E)

Enter address of the person providing certification, if different from address recorded in Section E:

Street: _____

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: (optional) _____

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-103

Release Tracking Number: 1 - 12281 (If assigned by DEP)

RELEASE NOTIFICATION & NOTIFICATION RETRACTION FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

A. RELEASE OR THREAT OF RELEASE LOCATION:

Street: 727 East St. Location Aid: I9-9-28

City/Town: Pittsfield ZIP Code: 01201

B. THIS FORM IS BEING USED TO: (check one)

[X] Submit a **Release Notification** (complete all sections of this form).

[ ] Submit a **Retraction of a Previously Reported Notification** of a Release or Threat of Release (complete Sections A, B, E, F and G of this form). You **MUST** attach the supporting documentation required by 310 CMR 40.0335.

C. INFORMATION DESCRIBING THE RELEASE OR THREAT OF RELEASE (TOR):

Date and time you obtained knowledge of the Release or TOR. Date: 4/9/98 Time: 4:30 Specify: [ ] AM [X] PM

The date you obtained knowledge is always required. The time you obtained knowledge is not required if reporting only 120 Day Conditions.

IF KNOWN, record date and time release or TOR occurred. Date: _____ Time: _____ Specify: [ ] AM [ ] PM

[X] Check here if you previously provided an Oral Notification to DEP (2 Hour and 72 Hour Reporting Conditions only).

Provide date and time of Oral Notification. Date: 4/9/98 Time: 4:45 Specify: [ ] AM [X] PM

Check all Notification Thresholds that apply to the Release or Threat of Release: (for more information see 310 CMR 40.0310 - 40.0315)

2 HOUR REPORTING CONDITIONS	72 HOUR REPORTING CONDITIONS	120 DAY REPORTING CONDITIONS
[ ] Sudden Release	[ ] Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/2 Inch	[ ] Release of Hazardous Material(s) to Soil or Groundwater Exceeding Reportable Concentration(s)
[ ] Threat of Sudden Release	[ ] Underground Storage Tank (UST) Release	[ ] Release of Oil to Soil Exceeding Reportable Concentration(s) and Affecting More than 2 Cubic Yards
[ ] Oil Sheen on Surface Water	[ ] Threat of UST Release	[ ] Release of Oil to Groundwater Exceeding Reportable Concentration(s)
[ ] Poses Imminent Hazard	[ ] Release to Groundwater near Water Supply	[ ] Subsurface Non-Aqueous Phase Liquid (NAPL) Equal to or Greater than 1/8 Inch and Less than 1/2 Inch
[X] Could Pose Imminent Hazard	[ ] Release to Groundwater near School or Residence	
[ ] Release Detected in Private Well		
[ ] Release to Storm Drain		
[ ] Sanitary Sewer Release (Imminent Hazard Only)		

List below the Oils or Hazardous Materials that exceed their Reportable Concentration or Reportable Quantity by the greatest amount. If necessary, attach a list of additional Oil and Hazardous Material substances subject to reporting.

Name and Quantities of Oils (O) and Hazardous Materials (HM) Released:

O or HM Released	O (check one)	HM (check one)	CAS # (if known)	Amount or Concentration	Units	Reportable Concentrations Exceeded, if Applicable (RCS-1, RCS-2, RCGW-1, RCGW-2)
PCB	[ ]	[X]		13,000	PPM	
	[ ]	[ ]				
	[ ]	[ ]				

D. ADDITIONAL INVOLVED PARTIES:

[ ] Check here if attaching names and addresses of owners of properties affected by the Release or Threat of Release, other than an owner who is submitting this Release Notification (required).

[ ] Check here if attaching Licensed Site Professional (LSP) name and address (optional).

You may write in names and addresses on the bottom of the second page of this form.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-103

Release Tracking Number
1 - 12281
If assigned by DEP

RELEASE NOTIFICATION & NOTIFICATION RETRACTION FORM

Pursuant to 310 CMR 40.0335 and 310 CMR 40.0371 (Subpart C)

E. PERSON REQUIRED TO NOTIFY:

Name of Organization: General Electric Company - Corporate Environmental Programs

Name of Contact: Richard W. Gates Title: Remediation Project Manager

Street: 100 Woodlawn Avenue

City/Town: Pittsfield State: MA ZIP Code: 01201

Telephone: 413 494-2176 Ext.: FAX: (optional)

F. RELATIONSHIP OF PERSON REQUIRED TO NOTIFY TO RELEASE OR THREAT OF RELEASE: (check one)

☐ RP or PRP Specify: ○ Owner ☒ Operator ○ Generator ○ Transporter Other RP or PRP:

☐ Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M G L c 21E, s 2)

☐ Agency or Public Utility on a Right of Way (as defined by M G L c 21E, s 5(j))

☐ Any Person Otherwise Required to Notify Specify Relationship:

G. CERTIFICATION OF PERSON REQUIRED TO NOTIFY:

I, Richard W. Gates, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information

By: Richard W. Gates (signature) Title: Remediation Project Manager

For: (print name of person or entity recorded in Section E) Date: 4/14/98

Enter address of the person providing certification, if different from address recorded in Section E:

Street:

City/Town: State: ZIP Code:

Telephone: Ext. FAX: (optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Attachment B

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Agencies' Conditional Approval Letter (Dated April 30, 1998)

Commonwealth of Massachusetts
Department of Environmental Protection
Western Regional Office
436 Dwight Street
Springfield, Massachusetts 01103
(413) 784-1100

United States
Environmental Protection Agency
New England Region
J.F. Kennedy Federal Building
Boston, Massachusetts 02203
(617) 565-3420

April 30, 1998 **ATTACHMENT B**

Ms. Jane Magee
General Electric Company
100 Woodlawn Avenue
Pittsfield, MA 01201

Re: Pittsfield
Parcel # I9-9-27, RTN 1-12289
Parcel # I9-9-28, RTN 1-12281
Tier 1A Site #1-0563
Conditional Approval of IRA Plan

Dear Ms. Magee:

The Department of Environmental Protection (the Department) and the United States Environmental Protection Agency (together, the Agencies) have received and reviewed an Immediate Response Action (IRA) Plan, dated April 24, 1998, for the parcels referenced above. The IRA Plan was prepared by Blasland, Bouck & Lee, Inc. on behalf of the General Electric Company (GE) to address elevated PCB contamination observed in surface and near surface soil samples taken from the residential parcels referenced above.

The IRA Plan proposes additional soil sampling and subsequent soil excavation to eliminate conditions that "could pose an Imminent Hazard", as stated in 310 CMR 40.0321(2)(b). On April 29, 1998, the Department verbally approved the additional sampling proposed in the IRA Plan (with the condition that one additional surface/near surface sample be collected along the midpoint of the line connecting sample locations SS-13 on Parcel I9-9-28 and SS-2 on Parcel I9-9-27). The IRA Plan states, "GE will evaluate the sampling results and provide an updated site plan and proposed removal limits (as well as the appropriate IRA transmittal form) to the MDEP for review and approval. With MDEP concurrence, GE will schedule and implement the removal actions as soon as possible."

Pursuant to 310 CMR 40.0420, the Agencies approve the IRA Plan subject to the conditions listed below.

1. The IRA Transmittal Form shall be submitted as soon as possible. Modifications to the exact soil removal limits, if any, will be reviewed and, if acceptable, verbally approved by the Department as sample results and plans showing revised soil removal limits are submitted.
2. The Pittsfield Conservation Commission has deferred to the Department relative to issuance of a Certificate of Emergency for commencement of the IRA. The Certificate of Emergency has been issued by the Department, pursuant to 310 CMR 10.06, and is attached. Excavation activities shall not commence until the Department is in receipt of the IRA Transmittal Form and the updated site plan.
3. GE shall manage and dispose of soils with PCB concentrations greater than 50 ppm in accordance with the Toxic Substances Control Act (TSCA). All soils shall be managed and disposed of in

accordance with all federal, state and local laws and regulations, including TSCA. GE shall provide written documentation to the Agencies regarding the disposal destinations and volumes of all excavated soils.

4. The Agencies, and affected property owners and residents, shall be notified at least 48 hours prior to excavation equipment being mobilized onto the properties.

5. GE must undertake timely, reasonable, good faith efforts to secure access permission from the property owners to implement the IRA. Written documentation of efforts to secure access must be provided to the Agencies in the event that access is denied.

6. Any material used to backfill the proposed area of excavation shall be clean, natural material, no greater than gravel in size, to ensure proper settlement, permeability and compactability. The source of the fill material shall be specified in writing to the Agencies. If the source of the fill material has not been previously sampled by GE, fill material shall be sampled for PCBs, volatile organic compounds, metals, and semi-volatile organic compounds, and the results reported to the Agencies prior to use on-site.

7. GE shall provide sufficient oversight by a professional engineer or scientist to ensure that the excavation work is performed in accordance with approved plans. GE shall certify to the Agencies in writing upon completion of IRA work that the work has been done in accordance with approved plans. An as-built surveyed plan showing the actual areas and depth excavated shall be submitted within 30 days of completion of excavation work to the Agencies, the Pittsfield Conservation Commission, and the relevant property owners.

8. The Agencies, or their representatives, have the right to inspect the work in progress and conduct or require confirmatory sampling, in accordance with M.G.L. chapter 21E, section 8, CERCLA section 104, and M.G.L. chapter 131, section 40.

If you have any questions regarding this matter, please contact Adam Wright, Department Project Manager for these parcels, or either of the undersigned.

Sincerely,

Anna G. Symington
Acting Section Chief
Bureau of Waste Site Cleanup
Massachusetts DEP

Bryan Olson, Project Manager
RCRA Corrective Action Section
Office of Remediation and Restoration
U.S. EPA, New England Region

attchmts
AGS:BO:agw
eastira.doc

cc: Affected Property Owners

John Novotny, GE Pittsfield
Jane Magee, GE Pittsfield
James R. Bieke, Esq., Shea & Gardner
Andrew J. Thomas, Jr., Esq., GE Fairfield, CT
Doug Luckerman, EPA New England Region OES
John Kilborn, EPA New England Region OES
Bryan Olson, EPA New England Region
Stephanie Carr, EPA New England Region, OSRR
Mary Holland, DEP WERO
Alan Weinberg, DEP WERO
J. Lyn Cutler, DEP WERO
Meg Harvey, DEP, WERO ORS
David Slowick, DEP, WERO
Adam Wright, DEP WERO
Robert Bell, Esq., DEP OGC
Ralph Child, Esq., DEP OGC, Boston
Mayor Gerald Doyle, City of Pittsfield
Pittsfield Commissioner of Public Health
Pittsfield Conservation Commission
Housatonic River Initiative
State Senator Andrea Nuciforo, Jr.
State Representative Daniel E. Bosley
State Representative Christopher Hodgkins
State Representative Shaun Kelly
State Representative Peter Larkin
Public Information Repositories
Site File: Pittsfield 1-0563R
RTN Files: 1-12281 & 1-12289

Attachment C

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Immediate Response Action Transmittal Form (BWSC-105)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number: 1 - 12281

A. RELEASE OR THREAT OF RELEASE LOCATION:

Release Name: (optional) Parcel 19-9-28

Street: 727 East Street Location Aid:

City/Town: Pittsfield ZIP Code: 01201

☐ Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

☐ Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.

Specify Program: ☐ CERCLA ☐ HSWA Corrective Action ☐ Solid Waste Management ☐ RCRA State Program (21C Facilities)

Related Release Tracking Numbers That This IRA Addresses: RTN 1-12289 (723 East Street; Parcel 19-9-27)

B. THIS FORM IS BEING USED TO: (check all that apply)

☒ Submit an **IRA Plan** (complete Sections A, B, C, D, E, H, I, J and K).

☒ Check here if this IRA Plan is an update or modification of a previously approved written IRA Plan. Date Submitted: 5/6/98

(Revised removal plan attached; original IRA Plan dated 4/24/98)

☐ Submit an **Imminent Hazard Evaluation** (complete Sections A, B, C, F, H, I, J and K).

☐ Submit an **IRA Status Report** (complete Sections A, B, C, E, H, I, J and K).

☐ Submit a **Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard** (complete Sections A, B, C, D, E, H, I, J and K).

☐ Submit an **IRA Completion Statement** (complete Sections A, B, C, D, E, G, H, I, J and K).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT IRA:

Identify Media and Receptors Affected: (check all that apply) ☐ Air ☐ Groundwater ☐ Surface Water ☐ Sediments ☒ Soil

☐ Wetland ☐ Storm Drain ☐ Paved Surface ☐ Private Well ☐ Public Water Supply ☐ Zone 2 ☒ Residence

☐ School ☐ Unknown ☐ Other Specify:

Identify Conditions That Require IRA, Pursuant to 310 CMR 40.0412: (check all that apply) ☒ 2 Hour Reporting Condition(s)

☐ 72 Hour Reporting Condition(s) ☐ Substantial Release Migration ☐ Other Condition(s)

Describe: Detection of PCBs at levels that could pose a potential imminent hazard per 310 CMR 40.0321.

Identify Oils and Hazardous Materials Released: (check all that apply) ☐ Oils ☐ Chlorinated Solvents ☐ Heavy Metals

☒ Others Specify: Polychlorinated Biphenyls (PCBs)

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

☒ Assessment and/or Monitoring Only

☒ Excavation of Contaminated Soils

☐ Re-use, Recycling or Treatment

○ On Site ○ Off Site Est. Vol.: _____ cubic yards

Describe: _____

☐ Store ○ On Site ○ Off Site Est. Vol.: _____ cubic yards

☒ Landfill ○ Cover ○ Disposal Est. Vol.: 140 cubic yards

☐ Removal of Drums, Tanks or Containers

Describe: _____

☐ Deployment of Absorbent or Containment Materials

☐ Temporary Covers or Caps

☐ Bioremediation

☐ Soil Vapor Extraction

☐ Structure Venting System

☐ Product or NAPL Recovery

☐ Groundwater Treatment Systems

☐ Air Sparging

☐ Temporary Water Supplies

SECTION D IS CONTINUED ON THE NEXT PAGE.

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number: 1 - 12281

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

- ☐ Removal of Other Contaminated Media
  - Specify Type and Volume: _____
- ☐ Temporary Evacuation or Relocation of Residents
- ☐ Fencing and Sign Posting
- ☒ Other Response Actions — Describe: Additional soil sampling and analysis
- ☐ Check here if this IRA involves the use of Innovative Technologies (DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse).
  - Describe Technologies: _____

E. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste has been sent to an off-site facility, answer the following questions)

Name of Facility: Chemical Waste Management

Town and State: Model City, New York

Quantity of Remediation Waste Transported to Date: _____

F. IMMINENT HAZARD EVALUATION SUMMARY: (check one of the following)

- ☐ Based upon an evaluation, an Imminent Hazard exists in connection with this Release or Threat of Release.
- ☐ Based upon an evaluation, an Imminent Hazard does not exist in connection with this Release or Threat of Release.
- ☐ Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.
- ☐ Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

G. IRA COMPLETION STATEMENT:

☐ Check here if future response actions addressing this Release or Threat of Release will be conducted as part of the Response Actions planned for a Site that has already been Tier Classified under a different Release Tracking Number, or a Site that is identified on the Transition List as described in 310 CMR 40.0600 (i. e., a Transition Site, which includes Sites with approved Waivers). These additional response actions must occur according to the deadlines applicable to the earlier Release Tracking Number (i. e., Site ID Number).

State Release Tracking Number (i. e., Site ID Number) of Tier Classified Site or Transition Site: _____

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the IRA Completion Statement.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> *if Section B of this form indicates that an* ***Immediate Response Action Plan*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that an* ***Imminent Hazard Evaluation*** *is being submitted*, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation complies(y) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> *if Section B of this form indicates that an* ***Immediate Response Status Report*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that an* ***Immediate Response Action Completion Statement*** *or a* ***Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard*** *is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

SECTION H IS CONTINUED ON THE NEXT PAGE.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-105

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number: 1 - 12281

H. LSP Opinion (continued):

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

[X] Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: Robert K. Goldman LSP #: 4325 Stamp:

Telephone: (315) 446-9120 Ext.:

FAX: (optional)

Signature:

Date: 05/05/98

COMMONWEALTH OF MASSACHUSETTS
ROBERT K GOLDMAN No. 4325 REGISTERED
LICENSED SITE PROFESSIONAL

I. PERSON UNDERTAKING IRA:

Name of Organization: General Electric Company

Name of Contact: Richard W. Gates Title: Remediation Project Manager

Street: 100 Woodlawn Avenue

City/Town: Pittsfield State: MA ZIP Code: 01201

Telephone: (413) 494-2176 Ext.: FAX: (optional) (413) 494-5024

[ ] Check here if there has been a change in the person undertaking the IRA.

J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one)

[X] RP or PRP Specify: ( ) Owner ( ) Operator (X) Generator ( ) Transporter Other RP or PRP:

[ ] Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

[ ] Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

[ ] Any Other Person Undertaking IRA Specify Relationship:

K. CERTIFICATION OF PERSON UNDERTAKING IRA:

I, Richard W. Gates, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: Richard W. Gates Title: Remediation Project Manager
(signature)

For: Date: 05/06/98
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street:

City/Town: State: ZIP Code:

Telephone: Ext.: FAX: (optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

L: ON=*,OFF=REF,PRES*
P: DJB
5/3/98 SYR=54=DCC DWW NES JER DWW
20142490/20142G08.DWG

N

LEGEND

- PROPERTY LINE
- 19-9-28 PARCEL ID
- EDGE OF TRAVELLED WAY
- ▲ EXISTING SOIL BORING LOCATION
- △ SS-5 (0.071[0.18]/0.16) EXISTING SURFACE (0-6") AND NEAR-SURFACE (6-12") SOIL PCB SAMPLING LOCATION. TOTAL PCB CONCENTRATIONS (PPM DRY WT.) SHOWN IN PARENTHESIS (SURFACE/NEAR SURFACE). ND = NON-DETECT. DUPLICATE RESULTS SHOWN IN BRACKETS.
- 1-FOOT REMOVAL
- 2-FOOT REMOVAL

0 30' 60'

GRAPHIC SCALE

NOTES

1. BASE MAP PREPARED BASED ON FIGURE No. GE-1018-SKT-SS (10/13/97) BY HILL ENGINEERS, ARCHITECTS AND PLANNERS USING AVAILABLE DATA AND IS NOT THE RESULT OF AN INSTRUMENT SURVEY AND FROM AERIAL PHOTOGRAPHY DATED APRIL 1990. ALL LOCATIONS ARE APPROXIMATE.
2. 1997/1998 SOIL/SEDIMENT SAMPLING WAS CONDUCTED BY BBL, INC., WITH MARCOR ENVIRONMENTAL REMEDIATION, INC. PROVIDING DRILLING SERVICES.
3. ALL EXISTING SAMPLING LOCATIONS SURVEYED BY BBL, INC. IN NOVEMBER 1997 AND FEBRUARY 1998. HOWEVER, THEIR LOCATIONS REFERENCED TO SITE FEATURES AND PROPERTY LINES IS APPROXIMATE.
4. ALL PCB RESULTS ARE PRELIMINARY.

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	0 - 0.5	0.5 - 1	1 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16
19-9-27-SB-1	3.3	3.5	13	9.0	47	3.2	--	--	--	--
19-9-27-SB-2	6.6	1.66	0.89	20.3	71	41	140	1.62	--	--
19-9-27-SB-3	1.7	1.5	0.236	0.08	ND	0.031	--	--	--	--
19-9-27-SB-4	--	--	2.2	0.54	ND(0.42)	ND	--	--	--	--
19-9-27-SB-5	6.7	3.17	3.4	1.35	ND(0.061)	1.1	0.021	--	--	--
19-9-27-SB-6	--	--	25	0.37(0.44)	ND	ND	ND	--	--	--
19-9-28-SB-1	0.25	0.52	0.25	0.094	5.6	55	--	--	--	--
19-9-28-SB-2	2.1	2.4	0.4	0.23	0.066	0.083(0.2)	ND	ND	ND	ND
19-9-28-SB-3	2.0	0.18	ND	ND	ND(ND)	ND	ND	--	--	--
19-9-28-SB-4	--	--	0.98	1.6	0.17	0.11	--	--	--	--
19-9-28-SB-5	--	--	0.17	0.41(0.54)	2.3	19	1.9	ND	0.57	ND
19-9-28-SB-6	--	--	8.9	ND	ND	ND	--	--	--	--
19-9-28-SB-7	--	--	0.41	ND(ND)	ND	ND	ND	--	--	--
19-9-29-SB-1	1.4	0.3	0.18	0.11	0.41	0.14	ND	ND	ND	ND
19-9-29-SB-2	0.63	1.1	0.17	0.09	0.039	ND	ND	ND	--	--
19-9-29-SB-3	--	--	2.57	0.154	1.29	0.29	0.131	0.226	ND	ND
19-9-29-SB-4	--	--	3.74	2.8	0.137	ND(4.8)	ND	ND	--	--
19-9-29-SB-5	--	--	2.0	0.097	1.55	0.46	0.042	ND	ND(ND)	ND
19-9-29-SB-6	--	--	1.9	2.1	5.1	0.081	ND	ND	ND	--

Notes:
1. Samples were collected by BBL, Inc. and were submitted to RECRA Labnet for analysis of PCBs.
2. -- = No sample collected.
3. ND = Not detected.
4. Duplicate results shown in brackets.

PRELIMINARY ANALYTICAL RESULTS - SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS
IMMEDIATE RESPONSE ACTION - PARCELS 19-9-27 AND -28

SOIL REMOVAL LIMITS

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

FIGURE 1

Attachment D

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Certificate of Emergency (dated April 30, 1998)

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WESTERN REGIONAL OFFICE

ARGEO PAUL CELLUCCI
Governor

TRUDY COXE
Secretary

DAVID B. STRUHS
Commissioner

CERTIFICATE OF EMERGENCY

LOCATION OF WORK: Street: 723 and 727 East Street
City/Town: Pittsfield, MA

1. Description of Work: Environmental remediation project; advancement of 2 borings within the area proposed for remediation; removal of soils contaminated with PCBs at levels considered to be a potential imminent hazard.

2. The project is necessary for the protection of the health and safety of the citizens of the Commonwealth because: PCB levels found in the soils of a residential area exceed threshold limits identified in the Massachusetts Contingency Plan.

3. The agency (or subdivision thereof) of the Commonwealth that has ordered the project to be performed is: Department of Environmental Protection (DEP), Bureau of Waste Site Cleanup.

4. No work shall be allowed beyond that necessary to abate the emergency. The date of work shall be completed by: May 31, 1998. Not to exceed 60 days without approval of the Commissioner of the DEP.

On the basis of the above information, and after a site inspection, the project described above (and in supplemental information provided) is determined to be a certified emergency pursuant to 310 CMR 10.06

ISSUING AUTHORITY: Massachusetts Department of Environmental Protection

BY: Mary L. Holland Regional Director

Massachusetts Department of Environmental Protection/Western Region

Date issued: April 30, 1998

[x] If box is checked, conditions apply; see attachments A and B.

eastcert.doc

ATTACHMENT A

CONDITIONS:

1. The Department and the Conservation Commission shall be notified at least 48 hours in advance of construction to enable the Department and/or the Commission to inspect the site to ensure conditions are met.

2. Prior to commencement of construction on the site, adequate erosion control measures shall be implemented and maintained throughout the construction phase, until the site has become stabilized with vegetative cover.

3. The areas of construction shall remain in a stable condition at the close of each construction day. Erosion controls shall be inspected at this time and reinforced if necessary.

4. No excavated soil shall be stockpiled on-site overnight.

5. No work shall be performed in the rain.

6. During and after work on this project there shall be no discharge or spillage of fuel, oil, or other pollutants on the site. GE shall take all reasonable precautions to prevent release of pollutants by ignorance, accident or vandalism

7. Existing grades must be maintained.

Attachment E

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Ambient Air Particulate Monitoring Report and Laboratory Analytical Data

Attachment E-1

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Scope of Work for Particulate Monitoring at East Street Properties

SCOPE OF WORK
for
Ambient Air Particulate Monitoring During Remedial Action
at
Off-Site Properties
(I9-9-27 and I9-9-28)

General Electric Company
Pittsfield, MA

Prepared by

Berkshire Environmental Consultants, Inc.
152 North Street, Suite 250
Pittsfield, MA 01201

May 1998

TABLE OF CONTENTS

1.0 INTRODUCTION

On behalf of General Electric Company (GE), Berkshire Environmental Consultants, Inc. (BEC) will conduct ambient air monitoring for particulate matter during remedial action at 723 (I9-9-27) and 727 (I9-9-28) East Street in Pittsfield, MA. Real-time ambient air monitoring for particulate matter will be conducted during the excavation portion of remedial action.

2.0 SAMPLING OBJECTIVES

The objectives of this sampling program are as follows:

- to obtain valid and representative ambient downwind particulate concentrations during remedial activities;
- to monitor site activity; and
- to ensure that the remedial activities are not causing an unacceptable increase in ambient air concentrations of particulates.

3.0 PARTICULATE MONITORING

Real-time particulate monitoring will be conducted during the excavation portion of remedial action at Parcels I9-9-27 and I9-9-28. Sampling will be conducted at a location immediately downwind of the excavation site. The specific site will depend on where the remedial action is occurring on the site, the wind direction, the location of obstructions and proximity to receptors. The specific monitoring site will change on a frequent basis. Monitoring will be conducted daily during the hours of excavation. Approximately 10 hours a day of sampling data, from 7:00 am to 5:00 pm, are anticipated. Particulate monitoring will occur throughout the period of excavation at each property.

Particulate monitoring will be conducted using a MIE dataRAM real-time airborne particulate monitor, Model pDR-1000 or equivalent. The dataRAM uses a passive sampling technique and light scattering photometer to determine particulate concentrations. The dataRAM has a measurement range of 0.001 to 400 mg/m^3. Particulate data will be logged by the instrument's datalogger and averaged and recorded for each hour and for each sampling hour day.

Calibrations and maintenance will be conducted at the frequency and in accordance with the procedures recommended by the manufacturer. All calibrations will be recorded.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

Quality assurance and quality control (QA/QC) procedures for the air sampling program will follow those described in the GE site SAP/DCAQAP. Specific quality assurance and quality control for the particulate sampling will be based on manufacturer's recommendations.

5.0 METEOROLOGICAL MONITORING

Meteorological data from the Climatronics Electronic Weather Station (EWS) operated at the GE facility in Pittsfield, Massachusetts will be used. The EWS has been operating continuously since 1991 at the GE facility in East Street Area 2 providing data to support other GE activities under the MCP. The EWS measures and continuously records wind speed, wind direction, precipitation, temperature, relative humidity and integrated solar radiation. The siting of the meteorological station was established with the approval of DEP. The station was installed and continues to operate in accordance with EPA On-site Meteorological Program Guidance for Regulatory Modeling Applications and a Site Specific Meteorological Monitoring Quality Assurance Project Plan. The operation of the EWS has been successfully audited by the Massachusetts Department of Environmental Protection (DEP).

Barometric pressure will be measured and recorded manually on each sampling day. In addition, a portable relativity humidity indicator will be used for field verification of humidity conditions.

6.0 DOCUMENTATION AND REPORTING

Particulate data will be summarized daily. Data which exceeds the notification levels described below will be reported to the GE site manager and to DEP and EPA (Agencies) within 24 hours of collection. Daily particulate and meteorological data will be summarized weekly and provided in a written summary report to the GE site manager on Monday for the previous week. All field data recorded during ambient monitoring will be documented according to the procedures in the SAP/DCAQAP. A written report summarizing the results will be provided to GE and the Agencies within 4 weeks of the conclusion of sampling and will include the following:

Date and Time of Sampling
Sampling Locations
Calibration and Maintenance Activities
Pollutants Monitored
Sampling Frequency

Data Results
Quality Assurance Assessment
Meteorological Data Summary
Discussion of Problems or Disruptions
Signature of Individual Responsible For Monitoring Program

7.0 ACTION LEVEL

The notification level for particulates in ambient air for off-site remedial actions will be established at a concentration of 70 $\mu g/m^3$ (10-hour average or the daily duration of sampling). This is the same level accepted by EPA for the Building 68 Removal Action and by the DEP for off-site remediation at the Longfellow Avenue "core" property (Parcel J9-15-2) in Pittsfield. While this level is not based on site-specific data for the properties, it is deemed health protective as it is less than one-half the 24-hour National Ambient Air Quality Standard (NAAQS) for particulate matter of 150 $\mu g/m^3$. Any 10-hour level of particulate matter that exceeds 70 $\mu g/m^3$ will be reported the next day to the GE site manager and to the Agencies.

The dataRAM has an inherent sensitivity to moisture and readings taken under very high humidity conditions are unreliable. GE may, at times, use the professional engineering judgement of its environmental consultants to determine the reliability and usability of data collected during very high humidity conditions. Data summaries will exclude the time period when moisture is clearly a factor. The raw data file will be marked and maintained to indicate what data is included in the average and reasons for excluding specific data.

In addition, BEC's experience in this geographical area has indicated that overall background levels above 70 $\mu g/m^3$ occur during the heating season (late fall through early spring). If the tested levels exceed 70 $\mu g/m^3$ during such periods, BEC will determine general background concentrations as follows:

1) Log 30-60 minutes of particulate data at an appropriate upwind monitoring site; and

2) Log 30-60 minutes at another unimpacted representative background site (e.g. a nearby park).

The difference between the remediation site and background sites will be reported.

Attachment E-2

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Ambient Air Monitoring Results for Particulate Matter at East Street Properties

AMBIENT AIR MONITORING
FOR
PARTICULATE MATTER
EAST STREET
REMEDIATION SITES
(DEP SITE #1-0563)

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

Berkshire Environmental Consultants, Inc.

152 North Street • Suite 250 • Pittsfield, MA 01201 • (413) 443-0130 • Fax (413) 443-1297

AMBIENT AIR MONITORING FOR PARTICULATE MATTER EAST STREET REMEDIATION SITES (DEP SITE #1-0563)

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

Prepared by

Berkshire Environmental Consultants, Inc.
152 North Street, Suite 250
Pittsfield, Massachusetts

September 1998

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PROJECT SUMMARY

Berkshire Environmental Consultants, Inc. (BEC) completed in May 1998 an ambient air sampling program for General Electric Company (GE). This program consisted of monitoring two properties (Parcels I9-9-27 and I9-9-28) (DEP Site #1-0563) for particulate matter on East Street in Pittsfield, Massachusetts. The monitoring was conducted during remedial activities at the two properties.

The particulate monitoring program was conducted using a real-time particulate monitor. Monitoring was conducted daily for approximately ten hours per day. The ambient air monitoring program was conducted in accordance with BEC's Scope of Work for Ambient Air Particulate Monitoring During Remedial Action at Off-Site Properties, dated May 1998.

The particulate monitoring results show an average concentration of 0.020 mg/m^3. Table S-1, following, summarizes the results of the particulate monitoring.

TABLE S-1

PARTICULATE AMBIENT AIR CONCENTRATIONS
EAST STREET REMEDIATION SITE
PITTSFIELD, MASSACHUSETTS

Date	Average Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/14/98	0.018	9:19	WNW, W, WSW
5/15/98	0.022	9:27	N, NNW
Memo Notification Level	0.070		

1.0 INTRODUCTION

Berkshire Environmental Consultants, Inc. (BEC) was retained by General Electric Company (GE) to conduct ambient air sampling for particulate matter at two properties located on East Street (DEP Site #1-0563) in Pittsfield, Massachusetts. The sampling described in this report was completed in May 1998.

This ambient air sampling program was part of remediation activities at the two properties. The purpose of the sampling program was to obtain valid and representative data on ambient levels of particulate matter during remedial activities to ensure that the remediation was not causing an increase in ambient concentrations of particulates. The monitoring project was conducted in accordance with criteria set forth in the Scope of Work for Ambient Air Particulate Monitoring During Remedial Action at Off-Site Properties, Berkshire Environmental Consultants, Inc., May 1998, (Appendix I).

This report provides results from the sampling conducted on May 14 and May 15, 1998. All field work and recordkeeping were completed by BEC, Pittsfield, Massachusetts.

This final report for the ambient air sampling presents a summary of all monitoring activities, analytical results, and quality assurance/quality control measures.

2.0 PARTICULATE MONITORING

2.1 Monitor Location

The MIE dataRAM real-time particulate monitor was placed next to the northwest corner of the house on Parcel I9-9-27 on East Street. The monitor was placed approximately 5-6 feet above ground level. The particulate monitor site is identified in Figure 2.

2.2 Monitoring Procedures

Monitoring for particulate matter was done on each day remediation activities were being conducted. Monitoring was conducted from approximately 7:00 A.M. to 5:00 P.M. for the duration of the project.

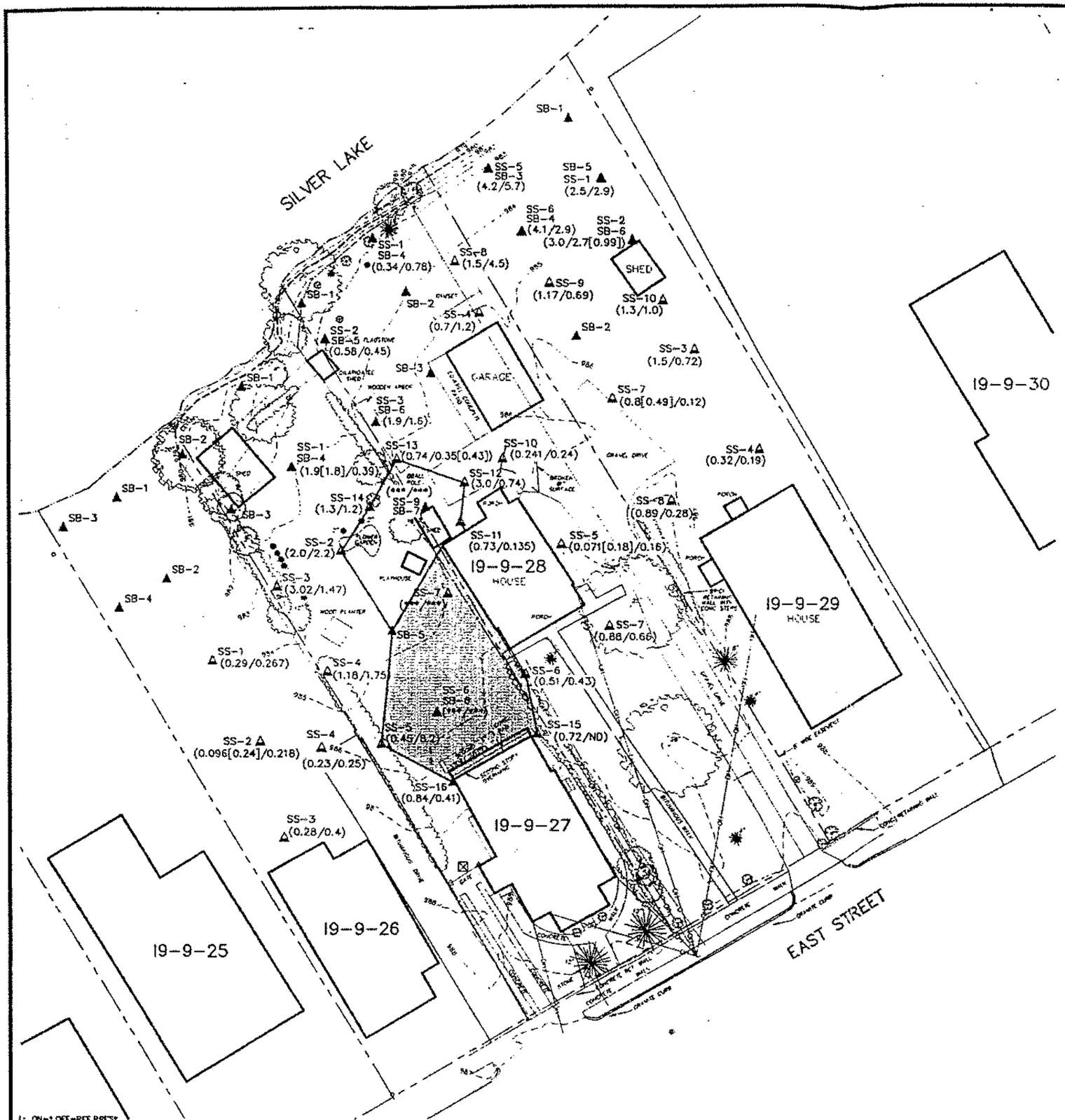
2.3 Analytical Procedures

A MIE dataRAM real-time particulate monitor was used. The dataRAM uses a passive sampling technique and light scattering photometer to determine particle concentrations. The dataRAM has a measurement range of 0.001 to 400 mg/m^3. Data were logged by the instrument's datalogger and averaged and recorded for each 10 hour day. For this project, BEC was required to send GE a written notification if the average daily particulate concentration exceeded 0.07 mg/m^3.

2.4 Analytical Results

The average daily particulate concentration was 0.020 mg/m^3 for the two days monitored. Table 1, following, shows the average particulate concentration, average monitoring period and the predominant wind direction.

At no time did the average daily particulate concentration exceed the written notification level or the National Ambient Air Quality Standard (NAAQS) for particulate matter of 0.150 mg/m^3. Copies of all correspondence between BEC and GE are included in Appendix II.



LEGEND

- PROPERTY LINE
- 19-9-28 PARCEL ID
- SIGN
- UTILITY POLE
- CATCH BASIN
- DRAIN MANHOLE
- GATE/FENCE POST
- WOODEN FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- GAS SERVICE
- WATER SERVICE
- OVERHEAD WIRES
- EDGE OF BUSHES/HEDGE
- DECIDUOUS TREE
- CONIFEROUS TREE
- SHRUB

0 30' 60'

GRAPHIC SCALE

- ▲ EXISTING SOIL BORING LOCATION
- △ SS-5 (0.071[0.18]/0.16) EXISTING SURFACE (0-6") AND NEAR-SURFACE (6-12") SOIL PCB SAMPLING LOCATION. TOTAL PCB CONCENTRATIONS (PPM DRY WT.) SHOWN IN PARENTHESIS (SURFACE/NEAR SURFACE). ND = NON-DETECT. DUPLICATE RESULTS SHOWN IN BRACKETS.
- SOIL REMOVED AS PART OF IRA ACTIVITIES MAY 1998 (1-FOOT DEPTH)
- SOIL REMOVED AS PART OF IRA ACTIVITIES MAY 1998 (2-FOOT DEPTH)
- ○ PROPOSED SOIL BORING LOCATION
- △ PROPOSED SURFACE AND NEAR-SURFACE SOIL PCB SAMPLING LOCATION
- ⊠ AMBIENT AIR PARTICULATE MONITORING LOCATION (APPROX.)

NOTES

1. BASE MAP PREPARED BASED ON SURVEY INFORMATION (PARCELS 19-9-27 AND -28) PROVIDED BY HILL ENGINEERS, ARCHITECTS AND PLANNERS AND AERIAL PHOTOGRAPHY DATED APRIL 1990.
2. 1997/1998 SOIL/SEDIMENT SAMPLING WAS CONDUCTED BY BBL, INC., WITH MARCOR ENVIRONMENTAL REMEDIATION, INC. PROVIDING DRILLING SERVICES.
3. ALL EXISTING SAMPLING LOCATIONS SURVEYED BY BBL, INC. HOWEVER THEIR LOCATIONS REFERENCED TO SITE FEATURES AND PROPERTY LINES IS APPROXIMATE.
4. ALL PCB RESULTS ARE PRELIMINARY.
5. UTILITY LOCATIONS ARE APPROXIMATE.

SUMMARY OF SOIL BORING PCB SAMPLE RESULTS

(PPM, DRY WT.) (SAMPLE INCREMENTS IN FEET)

Sample ID	0 - 0.5	0.5 - 1	1 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16
19-9-26-SB-1	2.0	2.9	4.8	35[100]	6.3	0.86	0.77	ND	--	--
19-9-26-SB-2	0.2	0.15	ND	ND	0.084	--	--	--	--	--
19-9-26-SB-3	16.1	0.33	73	1.3	0.097	0.12	--	--	--	--
19-9-26-SB-4	0.31	6.6	0.06	ND[ND]	ND	ND	--	--	--	--
19-9-27-SB-1	2.2	3.5	13	9.6	45	3.2	--	--	--	--
19-9-27-SB-2	6.6	1.66	0.89	20.3	71	41	146	1.62	--	--
19-9-27-SB-3	1.7	1.5	0.256	2.06	ND	0.031	--	--	--	--
19-9-27-SB-4	--	--	2.2	0.54	ND[0.42]	ND	--	--	--	--
19-9-27-SB-5	6.7	3.17	3.4	.35	ND[0.061]	1.1	0.021	--	--	--
19-9-27-SB-6	--	--	***	0.37[0.44]	ND	ND	ND	--	--	--
19-9-28-SB-1	0.25	0.52	0.25	0.094	5.6	55	--	--	--	--
19-9-28-SB-2	2.1	2.4	0.4	0.23	0.066	0.083[0.2]	ND	ND	ND	ND
19-9-28-SB-3	2.0	0.18	ND	ND	ND[ND]	ND	ND	--	--	--
19-9-28-SB-4	--	--	0.98	7.6	0.17	0.11	--	--	--	--
19-9-28-SB-5	--	--	0.17	0.41[0.54]	2.3	19	1.9	ND	0.57	ND
19-9-28-SB-6	--	--	8.9	ND	ND	ND	--	--	--	--
19-9-28-SB-7	--	--	0.41	ND[ND]	ND	ND	ND	--	--	--
19-9-29-SB-1	1.4	0.3	0.18	0.11	0.41	0.14	ND	ND	ND	ND
19-9-29-SB-2	0.63	1.1	0.17	0.09	0.039	ND	ND	ND	--	--
19-9-29-SB-3	--	--	2.57	0.154	1.29	0.29	0.131	0.226	ND	ND
19-9-29-SB-4	--	--	3.74	2.8	0.137	ND[4.8]	ND	ND	--	--
19-9-29-SB-5	--	--	2.0	0.097	1.55	0.46	0.042	ND	ND[ND]	ND
19-9-29-SB-6	--	--	1.9	2.1	5.1	0.081	ND	ND	ND	--

Notes:

1. Samples were collected by BBL, Inc. and were submitted to RECRA Labnet or Quanterra Environmental Services for analysis of PCBs.
2. -- = No sample collected.
3. ND = Not detected.
4. Duplicate results shown in brackets.
5. *** = Soil removed as part of IRA activities, May 1998.

PRELIMINARY ANALYTICAL RESULTS - SUBJECT TO VERIFICATION

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

PARCELS 19-9-26 THROUGH -29

INVESTIGATION LOCATIONS AND PCB RESULTS

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

FIGURE 2

L: ON=*;OFF=REF*;PRES*
P: DJB
8/31/98 SYR-S4-DCC DWW NES JER DWW
20142490/20142C12.DWG

TABLE 1

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EAST STREET REMEDIATION SITE
PITTSFIELD, MASSACHUSETTS

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5/15/98	0.022	9:27	N, NNW
Memo Notification Level	0.070		

3.0 PARTICULATE QUALITY ASSURANCE ASSESSMENT

3.1 Project Quality Assurance/Quality Control (QA/QC)

The objective of the quality assurance program was to ensure that the data collected on ambient levels of particulate are adequate to meet the purpose of the monitoring program and the intended uses of the data. Standard QA/QC procedures outlined in the Scope of Work were followed during sampling.

The following objectives were used as guidelines to assuring quality in the design and implementation of the monitoring program.

- All MIE dataRAM particulate monitors are zeroed weekly and before starting a new project.

- Because the particulate monitors have an inherent sensitivity to humid conditions, the monitors are carefully monitored during humid or rainy weather. In accordance with the Scope of Work for this project, BEC used its professional engineering judgement to determine the reliability of data collected during very high humidity conditions. Any such judgements are noted appropriately on the data summary table.

- All monitoring problems are immediately brought to the attention of the GE Project Manager.

APPENDIX I

SCOPE OF WORK

SCOPE OF WORK
for
Ambient Air Particulate Monitoring During Remedial Action
at
Off-Site Properties
(I9-9-27 and I9-9-28)

General Electric Company
Pittsfield, MA

Prepared by

Berkshire Environmental Consultants, Inc.
152 North Street, Suite 250
Pittsfield, MA 01201

May 1998

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2.0 SAMPLING OBJECTIVES

The objectives of this sampling program are as follows:

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- to monitor site activity; and
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Real-time particulate monitoring will be conducted during the excavation portion of remedial action at Parcels I9-9-27 and I9-9-28. Sampling will be conducted at a location immediately downwind of the excavation site. The specific site will depend on where the remedial action is occurring on the site, the wind direction, the location of obstructions and proximity to receptors. The specific monitoring site will change on a frequent basis. Monitoring will be conducted daily during the hours of excavation. Approximately 10 hours a day of sampling data, from 7:00 am to 5:00 pm, are anticipated. Particulate monitoring will occur throughout the period of excavation at each property.

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Calibrations and maintenance will be conducted at the frequency and in accordance with the procedures recommended by the manufacturer. All calibrations will be recorded.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES

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5.0 METEOROLOGICAL MONITORING

Meteorological data from the Climatronics Electronic Weather Station (EWS) operated at the GE facility in Pittsfield, Massachusetts will be used. The EWS has been operating continuously since 1991 at the GE facility in East Street Area 2 providing data to support other GE activities under the MCP. The EWS measures and continuously records wind speed, wind direction, precipitation, temperature, relative humidity and integrated solar radiation. The siting of the meteorological station was established with the approval of DEP. The station was installed and continues to operate in accordance with EPA On-site Meteorological Program Guidance for Regulatory Modeling Applications and a Site Specific Meteorological Monitoring Quality Assurance Project Plan. The operation of the EWS has been successfully audited by the Massachusetts Department of Environmental Protection (DEP).

Barometric pressure will be measured and recorded manually on each sampling day. In addition, a portable relativity humidity indicator will be used for field verification of humidity conditions.

6.0 DOCUMENTATION AND REPORTING

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Sampling Locations
Calibration and Maintenance Activities
Pollutants Monitored
Sampling Frequency

Data Results
Quality Assurance Assessment
Meteorological Data Summary
Discussion of Problems or Disruptions
Signature of Individual Responsible For Monitoring Program

7.0 ACTION LEVEL

The notification level for particulates in ambient air for off-site remedial actions will be established at a concentration of 70 $\mu g/m^3$ (10-hour average or the daily duration of sampling). This is the same level accepted by EPA for the Building 68 Removal Action and by the DEP for off-site remediation at the Longfellow Avenue "core" property (Parcel J9-15-2) in Pittsfield. While this level is not based on site-specific data for the properties, it is deemed health protective as it is less than one-half the 24-hour National Ambient Air Quality Standard (NAAQS) for particulate matter of 150 $\mu g/m^3$. Any 10-hour level of particulate matter that exceeds 70 $\mu g/m^3$ will be reported the next day to the GE site manager and to the Agencies.

The dataRAM has an inherent sensitivity to moisture and readings taken under very high humidity conditions are unreliable. GE may, at times, use the professional engineering judgement of its environmental consultants to determine the reliability and usability of data collected during very high humidity conditions. Data summaries will exclude the time period when moisture is clearly a factor. The raw data file will be marked and maintained to indicate what data is included in the average and reasons for excluding specific data.

In addition, BEC's experience in this geographical area has indicated that overall background levels above 70 $\mu g/m^3$ occur during the heating season (late fall through early spring). If the tested levels exceed 70 $\mu g/m^3$ during such periods, BEC will determine general background concentrations as follows:

1) Log 30-60 minutes of particulate data at an appropriate upwind monitoring site; and

2) Log 30-60 minutes at another unimpacted representative background site (e.g. a nearby park).

The difference between the remediation site and background sites will be reported.

APPENDIX II

PARTICULATE NOTIFICATION MEMOS

Berkshire Environmental Consultants, Inc.

152 North Street • Suite 250 • Pittsfield, MA 01201 • (413) 443-0130 • Fax (413) 443-1297

Memorandum

To: John Novotny

From: Maura Hawkins, Sean McGuigan SPM

Date: May 18, 1998

Subject: Ambient Air Sampling

John:

The following is a list of activities performed by Berkshire Environmental Consultants, Inc. (BEC) for the General Electric Company for the week of May 10-16.

Bromback Remediation Site:

5/11/98: Performed particulate monitoring (results following).

5/12/98: Began three 24-hour PCB high-volume sampling events. Performed particulate monitoring (results following).

5/13/98: Collected the PCB high-volume samples. Analysis of the samples is not yet complete. Began three additional 24-hour PCB high-volume sampling events. Performed particulate monitoring (results following).

5/14/98: Collected the PCB high-volume samples. A blown fuse at the electricity source (the house) shut down one of the samplers after about eight hours. That sample was not analyzed and the analysis of the other two samples is not yet complete. Performed particulate monitoring (results following).

5/15/98: Performed particulate monitoring (results following).

East Street Remediation:

5/14/98: Performed particulate monitoring (results following).

5/15/98: Performed particulate monitoring (results following).

Attachment F

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Laboratory Analytical Data for Backfill Sources

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

Transmitted Via FedEx

November 14, 1997

Ms. J. Lyn Cutler
Section Chief, Special Projects
Bureau of Waste Site Cleanup
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

Bryan Olson
Acting Section Chief
Office of Remediation and Restoration
U.S. Environmental Protection Agency
J.F. Kennedy Federal Bldg. HRR-CAN3
Boston, MA 02203-2211

Re: Off-Site Residential Properties - Backfill Sampling Results

Dear Ms. Cutler and Mr. Olson:

In accordance with my letter to you on October 27, 1997, the General Electric Company (GE) has collected soil samples from backfill materials being used for the restoration activities currently underway at select residential properties. Six soil samples were collected from five soil stockpile sources for confirmatory analyses, as follows:

Sample ID	Stockpile Area
TAM-RP-1	Tamarack Rd., Pittsfield, MA
TAM-RP-2	Tamarack Rd., Pittsfield, MA
PSG-RP-1	Pittsfield Sand & Gravel, Pittsfield, MA
HGP-RP-1	Hinsdale Gravel Pit, Hinsdale, MA
BR-RP-1	Bas Ridge Golf Course, Hinsdale, MA
BGP-RP-1	Bushika Gravel Pit, Cheshire, MA

These samples were submitted for analysis of constituents listed in Appendix IX of 40 CFR Part 264 plus benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine, but excluding dioxins, furans, pesticides, and herbicides (hereafter referred to as Appendix IX+3). The preliminary analytical results for these samples are enclosed (note that on the laboratory reports, sample D-RP-1 is a rinse blank). These results show that no PCBs were detected in any of the samples, and that no other Appendix IX+3 constituents were detected at concentrations that exceed reportable concentrations discussed in 310 CMR 40.0360 and listed in 310 CMR 40.1600 of the Massachusetts Contingency Plan.

Please do not hesitate to contact us with any questions.

Yours truly,

Richard Gates/MJD

Richard Gates

MJD/plh
U:\PLH97\66871543.WPD
Enclosures

cc: Mary Holland, DEP
Alan Weinberg, DEP*
Robert Bell, Esq., DEP*
Adam Wright, DEP*
David Slowick, DEP*
Anna Symington, DEP*
Ralph Child, Esq., DEP*
Douglas Luckerman, Esq., EPA
Mayor Edward Reilly
Pittsfield Commissioner of Public Health
State Senator Andrea Nuciforo
State Rep. Daniel Bosley
State Rep. Christopher Hodgkins
State Rep. Shaun Kelly
State Rep. Peter Larkin
Pittsfield Conservation Commission*
Affected Property Owner(s)*
Andrew Silfer, P.E., GE*
Stephen Moore, GE
Jane Magee, GE
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OLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
Reported: 11/06/97
Dry Weight Reported Units = UG/G

eral Electric Company
NTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SION #: 9710000364

NUMBER			175366	175367	175368	175369
E ID:			HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
E SAMPLED:			10/29/97	10/29/97	10/29/97	10/29/97
RECEIVED:		PQL	10/30/97	10/30/97	10/30/97	10/30/97
TIMONY	MG/KG	6.00	6.54 U	6.38 U	6.51 U	7.08 U
IC	MG/KG	1.00	2.96	6.66	2.70	7.56
M	MG/KG	2.00	39.8	74.7	11.5	44.2
RYLLIUM	MG/KG	0.500	0.545 U	0.531 U	0.542 U	0.590 U
UM	MG/KG	0.500	0.545 U	0.531 U	0.542 U	0.590 U
IUM	MG/KG	1.00	8.12	8.01	2.98	9.26
BALT	MG/KG	5.00	6.61	14.3	5.55	11.4
PPER	MG/KG	2.00	9.58	17.2	6.96	14.2
	MG/KG	5.00	5.45 U	8.92	5.42 U	15.1
RCURY	MG/KG	0.150	0.163 U	0.159 U	0.163 U	0.177 U
CKEL	MG/KG	4.00	9.97	17.9	7.18	16.6
KIUM	MG/KG	0.500	0.545 U	0.531 U	0.542 U	0.590 U
R	MG/KG	1.00	1.09 U	1.06 U	1.08 U	1.18 U
ALLIUM	MG/KG	1.00	1.60	1.06 U	1.59	1.18 U
M	MG/KG	1.00	10.9 U	10.6 U	10.8 U	11.8 U
DIUM	MG/KG	5.00	8.50	9.17	5.42 U	10.9
NC	MG/KG	1.00	25.2	48.6	21.7	67.7
TAL CYANIDE	MG/KG	1.00	1.09 U	1.06 U	1.08 U	1.18 U
ENT SOLIDS	%	1.00	91.8	94.1	92.2	84.8
L SULFIDE	MG/KG	20.0	21.8 U	21.3 U	21.7 U	23.6 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
Reported: 11/06/97
Dry Weight Reported Units = UG/G

...al Electric Company
S ...ENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
...MISSION #: 9710000364

... NUMBER			175370	175371	175372
...MPLE ID:			TAM-RP-1	PSG-RP-1	D-RP-1
...TE SAMPLED:			10/29/97	10/29/97	10/29/97
... RECEIVED:		PQL	10/30/97	10/30/97	10/30/97
...MONY	MG/KG	6.00	7.15 U	6.40 U	6.51 U
R...NIC	MG/KG	1.00	7.93	4.12	3.49
ARIUM	MG/KG	2.00	38.7	72.9	11.9
E...LLIUM	MG/KG	0.500	0.596 U	0.533 U	0.542 U
...IUM	MG/KG	0.500	0.596 U	0.533 U	0.542 U
...HROMIUM	MG/KG	1.00	8.68	8.65	3.48
...OBALT	MG/KG	5.00	10.8	12.8	5.42 U
...ER	MG/KG	2.00	12.6	17.9	7.43
...	MG/KG	5.00	16.3	9.05	5.42 U
...ERCURY	MG/KG	0.150	0.179 U	0.160 U	0.163 U
...KEL	MG/KG	4.00	16.3	28.9	7.38
...ENIUM	MG/KG	0.500	0.596 U	0.533 U	0.542 U
...ILVER	MG/KG	1.00	1.19 U	1.07 U	1.08 U
...HALLIUM	MG/KG	1.00	1.19 U	1.07 U	1.08 U
...	MG/KG	1.00	11.9 U	10.7 U	10.8 U
...ADIUM	MG/KG	5.00	9.98	7.71	5.42 U
ZINC	MG/KG	1.00	60.2	37.0	22.6
...AL CYANIDE	MG/KG	1.00	1.19 U	1.07 U	1.08 U
P...CENT SOLIDS	%	1.00	83.9	93.8	92.2
TOTAL SULFIDE	MG/KG	20.0	23.8 U	21.3 U	21.7 U

COLUMBIA ANALYTICAL SERVICES

Reported: 11/06/97

General Electric Company
Project Reference:RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
Client Sample ID :RB-RP-1

Date Sampled : 10/29/97
Date Received: 10/30/97

Order #: 175373
Submission #:9710000364

Sample Matrix: WATER

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
METALS					
ANTIMONY	0.0600	0.0600 U	MG/L	11/05/97	1.0
ARSENIC	0.0100	0.0100 U	MG/L	11/05/97	1.0
BARIUM	0.0200	0.0200 U	MG/L	11/05/97	1.0
BERYLLIUM	0.00500	0.00500 U	MG/L	11/05/97	1.0
CADMIUM	0.00500	0.00500 U	MG/L	11/05/97	1.0
CHROMIUM	0.0100	0.0100 U	MG/L	11/05/97	1.0
COBALT	0.0500	0.0500 U	MG/L	11/05/97	1.0
COPPER	0.0200	0.0200 U	MG/L	11/05/97	1.0
LEAD	0.00500	0.00500 U	MG/L	11/05/97	1.0
MERCURY	0.000300	0.000300 U	MG/L	11/03/97	1.0
NICKEL	0.0400	0.0400 U	MG/L	11/05/97	1.0
SELENIUM	0.00500	0.00500 U	MG/L	11/05/97	1.0
SILVER	0.0100	0.0100 U	MG/L	11/05/97	1.0
THALLIUM	0.0100	0.0100 U	MG/L	11/05/97	1.0
TIN	0.0100	0.100 U	MG/L	11/05/97	10.0
VANADIUM	0.0500	0.0500 U	MG/L	11/05/97	1.0
ZINC	0.0100	0.0100 U	MG/L	11/05/97	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 11/06/97

General Electric Company
Project Reference:RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
Client Sample ID :RB-RP-1A

Date Sampled : 10/30/97 | Order #: 175530 | Sample Matrix: WATER
Date Received: 10/31/97 | Submission #:9710000364

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
WET CHEMISTRY					
TOTAL CYANIDE	0.0100	0.0100 U	MG/L	11/06/97	1.0
TOTAL SULFIDE	1.00	1.00 U	MG/L	11/06/97	1.0

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8260 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175366	175367	175368	175369
SAMPLE ID:		HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997	10/30/1997
DATE ANALYZED:		11/ 8/97	11/ 8/97	11/ 8/97	11/ 9/97
DILUTION:		1.0	1.0	1.0	1.0
PERCENT SOLID (%):		91.8	94.1	92.2	84.8
ACETONE	20	22 U	21 U	22 U	24 U
ACETONITRILE	100	110 U	110 U	110 U	120 U
ACROLEIN	100	110 U	110 U	110 U	120 U
ACRYLONITRILE	100	110 U	110 U	110 U	120 U
ALLYL CHLORIDE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
BENZENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
BROMODICHLOROMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
BROMOFORM	5.0	5.4 U	5.3 U	5.4 U	5.9 U
BROMOMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
2-CHLORO-1,3-BUTADIENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
2-BUTANONE (MEK)	10	11 U	11 U	11 U	12 U
TRANS-1,4-DICHLORO-2-BUTENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
CARBON DISULFIDE	10	11 U	11 U	11 U	12 U
CARBON TETRACHLORIDE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
CHLOROBENZENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
CHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
2-CHLOROETHYLVINYL ETHER	5.0	5.4 U	5.3 U	5.4 U	5.9 U
CHLOROFORM	5.0	5.4 U	5.3 U	5.4 U	5.9 U
CHLOROMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
DIBROMOCHLOROMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,2-DIBROMOETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
DIBROMOMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
DICHLORODIFLUOROMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,1-DICHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,2-DICHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,1-DICHLOROETHENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
TRANS-1,2-DICHLOROETHENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
DICHLOROMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,2-DICHLOROPROPANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
CIS-1,3-DICHLOROPROPENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
TRANS-1,3-DICHLOROPROPENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,4-DIOXANE	1000	1100 U	1100 U	1100 U	1200 U
ETHYL METHACRYLATE	10	11 U	11 U	11 U	12 U
ETHYLBENZENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
2-HEXANONE	10	11 U	11 U	11 U	12 U
IODOMETHANE	10	11 U	11 U	11 U	12 U
ISOBUTYL ALCOHOL	200	220 U	210 U	220 U	240 U
METHACRYLONITRILE	100	110 U	110 U	110 U	120 U
METHYL METHACRYLATE	10	11 U	11 U	11 U	12 U
4-METHYL-2-PENTANONE(MIBK)	10	11 U	11 U	11 U	12 U
PROPIONITRILE	100	110 U	110 U	110 U	120 U
STYRENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8260 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175366	175367	175368	175369
SAMPLE ID:		HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997	10/30/1997
DATE ANALYZED:		11/ 8/97	11/ 8/97	11/ 8/97	11/ 9/97
DILUTION:		1.0	1.0	1.0	1.0
PERCENT SOLID (%):		91.8	94.1	92.2	84.8
1,1,1,2-TETRACHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,1,2,2-TETRACHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
TETRACHLOROETHENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
TOLUENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,1,1-TRICHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,1,2-TRICHLOROETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
TRICHLOROETHENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
TRICHLOROFLUOROMETHANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
1,2,3-TRICHLOROPROPANE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
VINYL ACETATE	10	11 U	11 U	11 U	12 U
VINYL CHLORIDE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
M+P-XYLENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U
O-XYLENE	5.0	5.4 U	5.3 U	5.4 U	5.9 U

SURROGATE RECOVERIES	LIMITS				
BROMOFLUOROBENZENE	74 - 121	84	84	89	76
TOLUENE-d8	81 - 117	94	97	103	99
DIBROMOFLUOROMETHANE	80 - 120	96	99	100	102

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8260 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175370	175371	175372
AMPLE ID:		TAM-RP-1	PSG-RP-1	D-RP-1
ATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997
ATE ANALYZED:		11/ 9/97	11/ 9/97	11/ 8/97
DILUTION:		1.0	1.0	1.0
PERCENT SOLID (%):		83.9	93.8	92.2
CETONE	20	24 U	21 U	22 U
ACETONITRILE	100	120 U	110 U	110 U
CROLEIN	100	120 U	110 U	110 U
CRYLONITRILE	100	120 U	110 U	110 U
ALLYL CHLORIDE	5.0	6.0 U	5.3 U	5.4 U
BENZENE	5.0	6.0 U	5.3 U	5.4 U
BROMODICHLOROMETHANE	5.0	6.0 U	5.3 U	5.4 U
BROMOFORM	5.0	6.0 U	5.3 U	5.4 U
BROMOMETHANE	5.0	6.0 U	5.3 U	5.4 U
2-CHLORO-1,3-BUTADIENE	5.0	6.0 U	5.3 U	5.4 U
2-BUTANONE (MEK)	10	12 U	11 U	11 U
TRANS-1,4-DICHLORO-2-BUTENE	5.0	6.0 U	5.3 U	5.4 U
CARBON DISULFIDE	10	12 U	11 U	11 U
CARBON TETRACHLORIDE	5.0	6.0 U	5.3 U	5.4 U
CHLOROBENZENE	5.0	6.0 U	5.3 U	5.4 U
CHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
2-CHLOROETHYLVINYL ETHER	5.0	6.0 U	5.3 U	5.4 U
CHLOROFORM	5.0	6.0 U	5.3 U	5.4 U
CHLOROMETHANE	5.0	6.0 U	5.3 U	5.4 U
1,2-DIBROMO-3-CHLOROPROPANE	5.0	6.0 U	5.3 U	5.4 U
DIBROMOCHLOROMETHANE	5.0	6.0 U	5.3 U	5.4 U
1,2-DIBROMOETHANE	5.0	6.0 U	5.3 U	5.4 U
DIBROMOMETHANE	5.0	6.0 U	5.3 U	5.4 U
DICHLORODIFLUOROMETHANE	5.0	6.0 U	5.3 U	5.4 U
1,1-DICHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
1,2-DICHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
1,1-DICHLOROETHENE	5.0	6.0 U	5.3 U	5.4 U
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	5.3 U	5.4 U
DICHLOROMETHANE	5.0	6.0 U	5.3 U	5.4 U
1,2-DICHLOROPROPANE	5.0	6.0 U	5.3 U	5.4 U
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	5.3 U	5.4 U
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	5.3 U	5.4 U
1,4-DIOXANE	1000	1200 U	1100 U	1100 U
ETHYL METHACRYLATE	10	12 U	11 U	11 U
ETHYLBENZENE	5.0	6.0 U	5.3 U	5.4 U
2-HEXANONE	10	12 U	11 U	11 U
IODOMETHANE	10	12 U	11 U	11 U
ISOBUTYL ALCOHOL	200	240 U	210 U	220 U
METHACRYLONITRILE	100	120 U	110 U	110 U
METHYL METHACRYLATE	10	12 U	11 U	11 U
4-METHYL-2-PENTANONE(MIBK)	10	12 U	11 U	11 U
PROPIONITRILE	100	120 U	110 U	110 U
STYRENE	5.0	6.0 U	5.3 U	5.4 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8260 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175370	175371	175372
SAMPLE ID:		TAM-RP-1	PSG-RP-1	D-RP-1
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997
DATE ANALYZED:		11/ 9/97	11/ 9/97	11/ 8/97
DILUTION:		1.0	1.0	1.0
PERCENT SOLID (%):		83.9	93.8	92.2
1,1,1,2-TETRACHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
TETRACHLOROETHENE	5.0	6.0 U	5.3 U	5.4 U
TOLUENE	5.0	6.0 U	5.3 U	5.4 U
1,1,1-TRICHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
1,1,2-TRICHLOROETHANE	5.0	6.0 U	5.3 U	5.4 U
TRICHLOROETHENE	5.0	6.0 U	5.3 U	5.4 U
TRICHLOROFLUOROMETHANE	5.0	6.0 U	5.3 U	5.4 U
1,2,3-TRICHLOROPROPANE	5.0	6.0 U	5.3 U	5.4 U
VINYL ACETATE	10	12 U	11 U	11 U
VINYL CHLORIDE	5.0	6.0 U	5.3 U	5.4 U
M+P-XYLENE	5.0	6.0 U	5.3 U	5.4 U
O-XYLENE	5.0	6.0 U	5.3 U	5.4 U

SURROGATE RECOVERIES	LIMITS			
BROMOFLUOROBENZENE	74 - 121	78	85	94
TOLUENE-d8	81 - 117	97	98	103
DIBROMOFLUOROMETHANE	80 - 120	104	99	102

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8260 APPENDIX IX
REPORTED UNITS: UG/L

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175373	175374
SAMPLE ID:		RB-RP-1	TB-1
DATE SAMPLED:		10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997
DATE ANALYZED:		10/30/97	10/30/97
DILUTION:		1.0	1.0
ACETONE	20	20 U	20 U
ACETONITRILE	100	100 U	100 U
ACROLEIN	100	100 U	100 U
ACRYLONITRILE	100	100 U	100 U
ALLYL CHLORIDE	5.0	5.0 U	5.0 U
BENZENE	5.0	5.0 U	5.0 U
BROMODICHLOROMETHANE	5.0	5.0 U	5.0 U
BROMOFORM	5.0	5.0 U	5.0 U
BROMOMETHANE	5.0	5.0 U	5.0 U
2-CHLORO-1,3-BUTADIENE	5.0	5.0 U	5.0 U
2-BUTANONE (MEK)	10	10 U	10 U
TRANS-1,4-DICHLORO-2-BUTENE	5.0	5.0 U	5.0 U
CARBON DISULFIDE	10	10 U	10 U
CARBON TETRACHLORIDE	5.0	5.0 U	5.0 U
CHLOROBENZENE	5.0	5.0 U	5.0 U
CHLOROETHANE	5.0	5.0 U	5.0 U
2-CHLOROETHYLVINYL ETHER	5.0	5.0 U	5.0 U
CHLOROFORM	5.0	5.0 U	5.0 U
CHLOROMETHANE	5.0	5.0 U	5.0 U
1,2-DIBROMO-3-CHLOROPROPANE	5.0	5.0 U	5.0 U
DIBROMOCHLOROMETHANE	5.0	5.0 U	5.0 U
1,2-DIBROMOETHANE	5.0	5.0 U	5.0 U
DIBROMOMETHANE	5.0	5.0 U	5.0 U
DICHLORODIFLUOROMETHANE	5.0	5.0 U	5.0 U
1,1-DICHLOROETHANE	5.0	5.0 U	5.0 U
1,2-DICHLOROETHANE	5.0	5.0 U	5.0 U
1,1-DICHLOROETHENE	5.0	5.0 U	5.0 U
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	5.0 U
DICHLOROMETHANE	5.0	5.0 U	5.0 U
1,2-DICHLOROPROPANE	5.0	5.0 U	5.0 U
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	5.0 U
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	5.0 U
1,4-DIOXANE	1000	1000 U	1000 U
ETHYL METHACRYLATE	10	10 U	10 U
ETHYLBENZENE	5.0	5.0 U	5.0 U
2-HEXANONE	10	10 U	10 U
IODOMETHANE	10	10 U	10 U
ISOBUTYL ALCOHOL	200	200 U	200 U
METHACRYLONITRILE	100	100 U	100 U
METHYL METHACRYLATE	10	10 U	10 U
4-METHYL-2-PENTANONE(MIBK)	10	10 U	10 U
PROPIONITRILE	100	100 U	100 U
STYRENE	5.0	5.0 U	5.0 U
1,1,1,2-TETRACHLOROETHANE	5.0	5.0 U	5.0 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8260 APPENDIX IX
REPORTED UNITS: UG/L

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175373	175374
SAMPLE ID:		RU-RP-1	TB-1
DATE SAMPLED:		10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997
DATE ANALYZED:		10/30/97	10/30/97
DILUTION:		1.0	1.0
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	5.0 U
TETRACHLOROETHENE	5.0	5.0 U	5.0 U
TOLUENE	5.0	5.0 U	5.0 U
1,1,1-TRICHLOROETHANE	5.0	5.0 U	5.0 U
1,1,2-TRICHLOROETHANE	5.0	5.0 U	5.0 U
TRICHLOROETHENE	5.0	5.0 U	5.0 U
TRICHLOROFLUOROMETHANE	5.0	5.0 U	5.0 U
1,2,3-TRICHLOROPROPANE	5.0	5.0 U	5.0 U
VINYL ACETATE	10	10 U	10 U
VINYL CHLORIDE	5.0	5.0 U	5.0 U
M+P-XYLENE	5.0	5.0 U	5.0 U
O-XYLENE	5.0	5.0 U	5.0 U

SURROGATE RECOVERIES	LIMITS		
BROMOFLUOROBENZENE	86 - 115	96	98
TOLUENE-d8	88 - 110	102	103
DIBROMOFLUOROMETHANE	86 - 118	100	102

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8270 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
ESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
UBMISSION #: 9710000364

RDER NUMBER		175366	175367	175368	175369
MPLE ID:		HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
ATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997	10/30/1997
TE EXTRACTED:		10/30/97	10/30/97	10/30/97	10/30/97
DATE ANALYZED:		10/31/97	10/31/97	10/31/97	11/ 1/97
LUTION:		1.0	1.0	1.0	1.0
RCENT SOLID (%):		91.8	94.1	92.2	84.8
P-(DIMETHYLAMINO)AZOBENZENE	670	730 U	710 U	730 U	790 U
CENAPHTHENE	330	360 U	350 U	360 U	390 U
CENAPHTHYLENE	330	360 U	350 U	360 U	390 U
ACETOPHENONE	670	730 U	710 U	730 U	790 U
-ACETYLAMINOFLUORENE	670	730 U	710 U	730 U	790 U
-AMINOBIPHENYL	670	730 U	710 U	730 U	790 U
ANILINE	330	360 U	350 U	360 U	390 U
ANTHRACENE	330	360 U	350 U	360 U	390 U
RAMITE	670	730 U	710 U	730 U	790 U
ENZIDINE	330	360 U	350 U	360 U	390 U
BENZO(A)ANTHRACENE	330	360 U	350 U	360 U	390 U
ENZO(A)PYRENE	330	360 U	350 U	360 U	390 U
ENZO(B)FLUORANTHENE	330	360 U	350 U	360 U	390 U
BENZO(G,H,I)PERYLENE	330	360 U	350 U	360 U	390 U
ENZO(K)FLUORANTHENE	330	360 U	350 U	360 U	390 U
ENZYL ALCOHOL	1300	1400 U	1400 U	1400 U	1500 U
UTYL BENZYL PHTHALATE	330	1000	360	920	1300
DI-N-BUTYL PHTHALATE	330	1600	1900	1100	1900
-NITROSO-DI-N-BUTYLAMINE	670	730 U	710 U	730 U	790 U
NDENO(1,2,3-CD)PYRENE	330	360 U	350 U	360 U	390 U
P-CHLOROANILINE	330	360 U	350 U	360 U	390 U
HLOROBENZILATE	670	730 U	710 U	730 U	790 U
IS(2-CHLOROETHOXY)METHANE	330	360 U	350 U	360 U	390 U
BIS(2-CHLOROETHYL)ETHER	330	360 U	350 U	360 U	390 U
2-CHLORONAPHTHALENE	330	360 U	350 U	360 U	390 U
-CHLOROPHENOL	670	730 U	710 U	730 U	790 U
2,2'-OXYBIS(1-CHLOROPROPANE)	330	360 U	350 U	360 U	390 U
CHRYSENE	330	360 U	350 U	360 U	390 U
+4-METHYLPHENOL (M+P-CRESOL)	670	730 U	710 U	730 U	790 U
IALLATE	670	730 U	710 U	730 U	790 U
DIBENZ(A,H)ANTHRACENE	330	360 U	350 U	360 U	390 U
DIBENZOFURAN	670	730 U	710 U	730 U	790 U
,2-DICHLOROBENZENE	330	360 U	350 U	360 U	390 U
1,3-DICHLOROBENZENE	330	360 U	350 U	360 U	390 U
1,4-DICHLOROBENZENE	330	360 U	350 U	360 U	390 U
,3'-DICHLOROBENZIDINE	330	360 U	350 U	360 U	390 U
2,4-DICHLOROPHENOL	670	730 U	710 U	730 U	790 U
2,6-DICHLOROPHENOL	670	730 U	710 U	730 U	790 U
DIETHYL PHTHALATE	330	360 U	350 U	360 U	390 U
DIMETHYL PHTHALATE	330	360 U	350 U	360 U	390 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	670	730 U	710 U	730 U	790 U
3,3'-DIMETHYLBENZIDINE	330	360 U	350 U	360 U	390 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8270 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175366	175367	175368	175369
AMPLE ID:		HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
ATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997	10/30/1997
ATE EXTRACTED:		10/30/97	10/30/97	10/30/97	10/30/97
DATE ANALYZED:		10/31/97	10/31/97	10/31/97	11/ 1/97
DILUTION:		1.0	1.0	1.0	1.0
ERCENT SOLID (%):		91.8	94.1	92.2	84.8
A,A-DIMETHYLPHENETHYLAMINE	670	730 U	710 U	730 U	790 U
,4-DIMETHYLPHENOL	670	730 U	710 U	730 U	790 U
,3-DINITROBENZENE	670	730 U	710 U	730 U	790 U
2,4-DINITROPHENOL	3300	3600 U	3500 U	3600 U	3900 U
,4-DINITROTOLUENE	330	360 U	350 U	360 U	390 U
,6-DINITROTOLUENE	330	360 U	350 U	360 U	390 U
IPHENYLAMINE	670	730 U	710 U	730 U	790 U
1,2-DIPHENYLHYDRAZINE	330	360 U	350 U	360 U	390 U
N-NITROSO-N-DIPROPYLAMINE	330	360 U	350 U	360 U	390 U
THYL METHANESULFONATE	670	730 U	710 U	730 U	790 U
BIS(2-ETHYLHEXYL)PHTHALATE	330	360 U	350 U	360 U	390 U
FLUORANTHENE	330	360 U	350 U	360 U	390 U
FLUORENE	330	360 U	350 U	360 U	390 U
HEXACHLOROBENZENE	330	360 U	350 U	360 U	390 U
HEXACHLOROBUTADIENE	330	360 U	350 U	360 U	390 U
HEXACHLOROCYCLOPENTADIENE	330	360 U	350 U	360 U	390 U
HEXACHLOROETHANE	330	360 U	350 U	360 U	390 U
HEXACHLOROPHENE	670	730 U	710 U	730 U	790 U
HEXACHLOROPROPENE	670	730 U	710 U	730 U	790 U
ISODRIN	670	730 U	710 U	730 U	790 U
ISOPHORONE	330	360 U	350 U	360 U	390 U
ISOSAFROLE	670	730 U	710 U	730 U	790 U
METHAPYRILENE	670	730 U	710 U	730 U	790 U
METHYL METHANESULFONATE	670	730 U	710 U	730 U	790 U
3-METHYLCHOLANTHRENE	670	730 U	710 U	730 U	790 U
2-METHYLNAPHTHALENE	660	720 U	700 U	720 U	780 U
2-METHYLPHENOL	330	360 U	350 U	360 U	390 U
4,6-DINITRO-2-METHYLPHENOL	3300	3600 U	3500 U	3600 U	3900 U
4-CHLORO-3-METHYLPHENOL	670	730 U	710 U	730 U	790 U
NAPHTHALENE	330	360 U	350 U	360 U	390 U
1,4-NAPHTHOQUINONE	670	730 U	710 U	730 U	790 U
1-NAPHTHYLAMINE	670	730 U	710 U	730 U	790 U
2-NAPHTHYLAMINE	670	730 U	710 U	730 U	790 U
2-NITROANILINE	1300	1400 U	1400 U	1400 U	1500 U
3-NITROANILINE	1300	1400 U	1400 U	1400 U	1500 U
4-NITROANILINE	3300	3600 U	3500 U	3600 U	3900 U
NITROBENZENE	330	360 U	350 U	360 U	390 U
2-NITROPHENOL	670	730 U	710 U	730 U	790 U
4-NITROPHENOL	3300	3600 U	3500 U	3600 U	3900 U
N-NITROSODIETHYLAMINE	330	360 U	350 U	360 U	390 U
N-NITROSODIMETHALAMINE	330	360 U	350 U	360 U	390 U
N-NITROSODIPHENYLAMINE	330	360 U	350 U	360 U	390 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8270 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175366	175367	175368	175369
AMPLE ID:		HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
ATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997	10/30/1997
ATE EXTRACTED:		10/30/97	10/30/97	10/30/97	10/30/97
DATE ANALYZED:		10/31/97	10/31/97	10/31/97	11/ 1/97
DILUTION:		1.0	1.0	1.0	1.0
ERCENT SOLID (%):		91.8	94.1	92.2	84.8
N-NITROSOMETHYLETHYLAMINE	670	730 U	710 U	730 U	790 U
-NITROSOMORPHOLINE	670	730 U	710 U	730 U	790 U
-NITROSOPIPERIDINE	670	730 U	710 U	730 U	790 U
N-NITROSOPYROLIDINE	670	730 U	710 U	730 U	790 U
N-OCTYL PHTHALATE	330	360 U	350 U	360 U	390 U
-NITROQUINOLINE-1-OXIDE	670	730 U	710 U	730 U	790 U
ENTACHLOROBENZENE	670	730 U	710 U	730 U	790 U
PENTACHLOROETHANE	670	730 U	710 U	730 U	790 U
ENTACHLORONITROBENZENE	670	730 U	710 U	730 U	790 U
ENTACHLOROPHENOL	3300	3600 U	3500 U	3600 U	3900 U
PHENACETIN	670	730 U	710 U	730 U	790 U
PHENANTHRENE	330	360 U	350 U	360 U	390 U
PHENOL	670	730 U	710 U	730 U	790 U
P-PHENYLENEDIAMINE	670	730 U	710 U	730 U	790 U
4-BROMOPHENYL-PHENYLETHER	330	360 U	350 U	360 U	390 U
4-CHLOROPHENYL-PHENYLETHER	330	360 U	350 U	360 U	390 U
2-PICOLINE	670	730 U	710 U	730 U	790 U
PRONAMIDE	670	730 U	710 U	730 U	790 U
PYRENE	330	360 U	350 U	360 U	390 U
PYRIDINE	670	730 U	710 U	730 U	790 U
SAFROLE	670	730 U	710 U	730 U	790 U
1,2,4,5-TETRACHLOROBENZENE	670	730 U	710 U	730 U	790 U
2,3,4,6-TETRACHLOROPHENOL	670	730 U	710 U	730 U	790 U
THIONAZIN	670	730 U	710 U	730 U	790 U
5-NITRO-O-TOLUIDINE	670	730 U	710 U	730 U	790 U
O-TOLUIDINE	670	730 U	710 U	730 U	790 U
1,2,4-TRICHLOROBENZENE	330	360 U	350 U	360 U	390 U
2,4,5-TRICHLOROPHENOL	670	730 U	710 U	730 U	790 U
2,4,6-TRICHLOROPHENOL	670	730 U	710 U	730 U	790 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	670	730 U	710 U	730 U	790 U
1,3,5-TRINITROBENZENE	670	730 U	710 U	730 U	790 U

SURROGATE RECOVERIES	LIMITS				
TERPHENYL-d14	18 - 137	75	69	72	77
NITROBENZENE-d5	23 - 120	70	66	71	68
PHENOL-d6	24 - 113	70	66	69	72
2-FLUOROBIPHENYL	30 - 115	69	64	68	73
2-FLUOROPHENOL	25 - 121	67	63	65	63
2,4,6-TRIBROMOPHENOL	19 - 122	120	116	120	122

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8270 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175370	175371	175372
SAMPLE ID:		TAH-RP-1	PSG-RP-1	D-RP-1
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997
DATE EXTRACTED:		10/30/97	10/30/97	10/30/97
DATE ANALYZED:		11/ 3/97	10/31/97	11/ 1/97
DILUTION:		1.0	1.0	1.0
PERCENT SOLID (%):		83.9	93.8	92.2
P-(DIMETHYLAMINO)AZOBENZENE	670	800 U	710 U	730 U
ACENAPHTHENE	330	390 U	350 U	360 U
ACENAPHTHYLENE	330	390 U	350 U	360 U
ACETOPHENONE	670	800 U	710 U	730 U
2-ACETYLAMINOFLUORENE	670	800 U	710 U	730 U
4-AMINOBIPHENYL	670	800 U	710 U	730 U
ANILINE	330	390 U	350 U	360 U
ANTHRACENE	330	390 U	350 U	360 U
ARAMITE	670	800 U	710 U	730 U
BENZIDINE	330	390 U	350 U	360 U
BENZO(A)ANTHRACENE	330	390 U	350 U	360 U
BENZO(A)PYRENE	330	390 U	350 U	360 U
BENZO(B)FLUORANTHENE	330	390 U	350 U	360 U
BENZO(G,H,I)PERYLENE	330	390 U	350 U	360 U
BENZO(K)FLUORANTHENE	330	390 U	350 U	360 U
BENZYL ALCOHOL	1300	1500 U	1400 U	1400 U
BUTYL BENZYL PHTHALATE	330	390 U	350 U	360 U
DI-N-BUTYL PHTHALATE	330	390 U	350 U	360 U
N-NITROSO-DI-N-BUTYLAMINE	670	800 U	710 U	730 U
INDENO(1,2,3-CD)PYRENE	330	390 U	350 U	360 U
P-CHLOROANILINE	330	390 U	350 U	360 U
CHLOROBENZILATE	670	800 U	710 U	730 U
BIS(2-CHLOROETHOXY)METHANE	330	390 U	350 U	360 U
BIS(2-CHLOROETHYL)ETHER	330	390 U	350 U	360 U
2-CHLORONAPHTHALENE	330	390 U	350 U	360 U
2-CHLOROPHENOL	670	800 U	710 U	730 U
2,2'-OXYBIS(1-CHLOROPROPANE)	330	390 U	350 U	360 U
CHRYSENE	330	390 U	350 U	360 U
3+4-METHYLPHENOL (M+P-CRESOL)	670	800 U	710 U	730 U
DIALLATE	670	800 U	710 U	730 U
DIBENZ(A,H)ANTHRACENE	330	390 U	350 U	360 U
DIBENZOFURAN	670	800 U	710 U	730 U
1,2-DICHLOROBENZENE	330	390 U	350 U	360 U
1,3-DICHLOROBENZENE	330	390 U	350 U	360 U
1,4-DICHLOROBENZENE	330	390 U	350 U	360 U
3,3'-DICHLOROBENZIDINE	330	390 U	350 U	360 U
2,4-DICHLOROPHENOL	670	800 U	710 U	730 U
2,6-DICHLOROPHENOL	670	800 U	710 U	730 U
DIETHYL PHTHALATE	330	390 U	350 U	360 U
DIMETHYL PHTHALATE	330	390 U	350 U	360 U
7,12-DIMETHYLBENZ(A)ANTHRACENE	670	800 U	710 U	730 U
3,3'-DIMETHYLBENZIDINE	330	390 U	350 U	360 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8270 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175370	175371	175372
SAMPLE ID:		TAM-RP-1	PSG-RP-1	D-RP-1
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997
DATE EXTRACTED:		10/30/97	10/30/97	10/30/97
DATE ANALYZED:		11/ 3/97	10/31/97	11/ 1/97
DILUTION:		1.0	1.0	1.0
PERCENT SOLID (%):		83.9	93.8	92.2
A,A-DIMETHYLPHENETHYLAMINE	670	800 U	710 U	730 U
,4-DIMETHYLPHENOL	670	800 U	710 U	730 U
,3-DINITROBENZENE	670	800 U	710 U	730 U
2,4-DINITROPHENOL	3300	3900 U	3500 U	3600 U
,4-DINITROTOLUENE	330	390 U	350 U	360 U
,6-DINITROTOLUENE	330	390 U	350 U	360 U
IPHENYLAMINE	670	800 U	710 U	730 U
1,2-DIPHENYLHYDRAZINE	330	390 U	350 U	360 U
-NITROSO-N-DIPROPYLAMINE	330	390 U	350 U	360 U
THYL METHANESULFONATE	670	800 U	710 U	730 U
BIS(2-ETHYLHEXYL)PHTHALATE	330	390 U	350 U	360 U
LUORANTHENE	330	390 U	350 U	360 U
LUORENE	330	390 U	350 U	360 U
HEXACHLOROBENZENE	330	390 U	350 U	360 U
HEXACHLOROBUTADIENE	330	390 U	350 U	360 U
HEXACHLOROCYCLOPENTADIENE	330	390 U	350 U	360 U
HEXACHLOROETHANE	330	390 U	350 U	360 U
HEXACHLOROPHENE	670	800 U	710 U	730 U
HEXACHLOROPROPENE	670	800 U	710 U	730 U
ISODRIN	670	800 U	710 U	730 U
ISOPHORONE	330	390 U	350 U	360 U
ISOSAFROLE	670	800 U	710 U	730 U
METHAPYRILENE	670	800 U	710 U	730 U
METHYL METHANESULFONATE	670	800 U	710 U	730 U
3-METHYLCHOLANTHRENE	670	800 U	710 U	730 U
2-METHYLNAPHTHALENE	660	790 U	700 U	720 U
2-METHYLPHENOL	330	390 U	350 U	360 U
4,6-DINITRO-2-METHYLPHENOL	3300	3900 U	3500 U	3600 U
4-CHLORO-3-METHYLPHENOL	670	800 U	710 U	730 U
NAPHTHALENE	330	390 U	350 U	360 U
1,4-NAPHTHOQUINONE	670	800 U	710 U	730 U
1-NAPHTHYLAMINE	670	800 U	710 U	730 U
2-NAPHTHYLAMINE	670	800 U	710 U	730 U
2-NITROANILINE	1300	1500 U	1400 U	1400 U
3-NITROANILINE	1300	1500 U	1400 U	1400 U
4-NITROANILINE	3300	3900 U	3500 U	3600 U
NITROBENZENE	330	390 U	350 U	360 U
2-NITROPHENOL	670	800 U	710 U	730 U
4-NITROPHENOL	3300	3900 U	3500 U	3600 U
N-NITROSODIETHYLAMINE	330	390 U	350 U	360 U
N-NITROSODIMETHALAMINE	330	390 U	350 U	360 U
N-NITROSODIPHENYLAMINE	330	390 U	350 U	360 U

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8270 APPENDIX IX
DRY WEIGHT REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175370	175371	175372
AMPLE ID:		TAM-RP-1	PSG-RP-1	D-RP-1
ATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997
ATE EXTRACTED:		10/30/97	10/30/97	10/30/97
DATE ANALYZED:		11/ 3/97	10/31/97	11/ 1/97
ILUTION:		1.0	1.0	1.0
ERCENT SOLID (%):		82.9	93.8	92.2
N-NITROSOMETHYLETHYLAMINE	670	800 U	710 U	730 U
-NITROSOMORPHOLINE	670	800 U	710 U	730 U
-NITROSOPIPERIDINE	670	800 U	710 U	730 U
N-NITROSOPYROLIDINE	670	800 U	710 U	730 U
DI-N-OCTYL PHTHALATE	330	390 U	350 U	360 U
-NITROQUINOLINE-1-OXIDE	670	800 U	710 U	730 U
PENTACHLOROBENZENE	670	800 U	710 U	730 U
PENTACHLOROETHANE	670	800 U	710 U	730 U
PENTACHLORONITROBENZENE	670	800 U	710 U	730 U
PENTACHLOROPHENOL	3300	3900 U	3500 U	3600 U
PHENACETIN	670	800 U	710 U	730 U
PHENANTHRENE	330	390 U	350 U	360 U
PHENOL	670	800 U	710 U	730 U
P-PHENYLENEDIAMINE	670	800 U	710 U	730 U
4-BROMOPHENYL-PHENYLETHER	330	390 U	350 U	360 U
4-CHLOROPHENYL-PHENYLETHER	330	390 U	350 U	360 U
2-PICOLINE	670	800 U	710 U	730 U
PRONAMIDE	670	800 U	710 U	730 U
PYRENE	330	390 U	350 U	360 U
PYRIDINE	670	800 U	710 U	730 U
SAFROLE	670	800 U	710 U	730 U
1,2,4,5-TETRACHLOROBENZENE	670	800 U	710 U	730 U
2,3,4,6-TETRACHLOROPHENOL	670	800 U	710 U	730 U
THIONAZIN	670	800 U	710 U	730 U
5-NITRO-O-TOLUIDINE	670	800 U	710 U	730 U
O-TOLUIDINE	670	800 U	710 U	730 U
1,2,4-TRICHLOROBENZENE	330	390 U	350 U	360 U
2,4,5-TRICHLOROPHENOL	670	800 U	710 U	730 U
2,4,6-TRICHLOROPHENOL	670	800 U	710 U	730 U
O,O,O-TRIETHYL PHOSPHOROTHIOATE	670	800 U	710 U	730 U
1,3,5-TRINITROBENZENE	670	800 U	710 U	730 U

SURROGATE RECOVERIES	LIMITS			
TERPHENYL-d14	18 - 137	78	70	80
NITROBENZENE-d5	23 - 120	65	63	79
PHENOL-d6	24 - 113	62	62	77
2-FLUOROBIPHENYL	30 - 115	73	67	82
2-FLUOROPHENOL	25 - 121	59	60	72
2,4,6-TRIBROMOPHENOL	19 - 122	98	121	115

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270 APPENDIX IX
Reported: 11/06/97

General Electric Company
Project Reference: RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
Client Sample ID : RB-RP-1

Date Sampled : 10/29/97 **Order #:** 175373 **Sample Matrix:** WATER
Date Received: 10/30/97 **Submission #:** 9710000364 **Analytical Run** 21330

DATE EXTRACTED : 10/30/97
DATE ANALYZED : 11/03/97
ANALYTICAL DILUTION: 1.0

ANALYTE	PQL	RESULT	UNITS
P-(DIMETHYLAMINO)AZOBENZENE	10	10 U	UG/L
ACENAPHTHENE	5.0	5.2 U	UG/L
ACENAPHTHYLENE	5.0	5.2 U	UG/L
ACETOPHENONE	10	10 U	UG/L
2-ACETYLAMINOFLUORENE	10	10 U	UG/L
4-AMINOBIPHENYL	10	10 U	UG/L
ANILINE	5.0	5.2 U	UG/L
ANTHRACENE	5.0	5.2 U	UG/L
ARAMITE	10	10 U	UG/L
BENZIDINE	5.0	5.2 U	UG/L
BENZO(A)ANTHRACENE	5.0	5.2 U	UG/L
BENZO(A)PYRENE	5.0	5.2 U	UG/L
BENZO(B)FLUORANTHENE	5.0	5.2 U	UG/L
BENZO(G,H,I)PERYLENE	5.0	5.2 U	UG/L
BENZO(K)FLUORANTHENE	5.0	5.2 U	UG/L
BENZYL ALCOHOL	20	21 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	5.2 U	UG/L
DI-N-BUTYL PHTHALATE	5.0	5.2 U	UG/L
N-NITROSO-DI-N-BUTYLAMINE	10	10 U	UG/L
INDENO(1,2,3-CD)PYRENE	5.0	5.2 U	UG/L
P-CHLOROANILINE	5.0	5.2 U	UG/L
CHLOROBENZILATE	10	10 U	UG/L
BIS(2-CHLOROETHOXY)METHANE	5.0	5.2 U	UG/L
BIS(2-CHLOROETHYL)ETHER	5.0	5.2 U	UG/L
2-CHLORONAPHTHALENE	5.0	5.2 U	UG/L
2-CHLOROPHENOL	10	10 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0	5.2 U	UG/L
CHRYSENE	5.0	5.2 U	UG/L
3+4-METHYLPHENOL (M+P-CRESOL)	10	10 U	UG/L
DIALLATE	10	10 U	UG/L
DIBENZ(A,H)ANTHRACENE	5.0	5.2 U	UG/L
DIBENZOFURAN	10	10 U	UG/L
1,3-DICHLOROBENZENE	5.0	5.2 U	UG/L
1,2-DICHLOROBENZENE	5.0	5.2 U	UG/L
1,4-DICHLOROBENZENE	5.0	5.2 U	UG/L
3,3'-DICHLOROBENZIDINE	5.0	5.2 U	UG/L
2,4-DICHLOROPHENOL	10	10 U	UG/L
2,6-DICHLOROPHENOL	10	10 U	UG/L
DIETHYL PHTHALATE	5.0	5.2 U	UG/L
DIMETHYL PHTHALATE	5.0	5.2 U	UG/L
7,12-DIMETHYLBENZ(A)ANTHRACENE	10	10 U	UG/L
3,3'-DIMETHYLBENZIDINE	10	10 U	UG/L
A,A-DIMETHYLPHENETHYLAMINE	10	10 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270 APPENDIX IX
Reported: 11/06/97

General Electric Company
Project Reference: RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
Client Sample ID : RB-RP-1

Date Sampled : 10/29/97 **Order #:** 175373 **Sample Matrix:** WATER
Date Received: 10/30/97 **Submission #:** 9710000364 **Analytical Run** 21330

DATE EXTRACTED : 10/30/97
DATE ANALYZED : 11/03/97
ANALYTICAL DILUTION: 1.0

ANALYTE	PQL	RESULT	UNITS
2,4-DIMETHYLPHENOL	10	10 U	UG/L
1,3-DINITROBENZENE	10	10 U	UG/L
2,4-DINITROPHENOL	50	52 U	UG/L
2,4-DINITROTOLUENE	5.0	5.2 U	UG/L
2,6-DINITROTOLUENE	5.0	5.2 U	UG/L
DIPHENYLAMINE	10	10 U	UG/L
1,2-DIPHENYLHYDRAZINE	5.0	5.2 U	UG/L
N-NITROSO-N-DIPROPYLAMINE	5.0	5.2 U	UG/L
ETHYL METHANESULFONATE	10	10 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	5.0	5.2 U	UG/L
FLUORANTHENE	5.0	5.2 U	UG/L
FLUORENE	5.0	5.2 U	UG/L
HEXACHLOROBENZENE	5.0	5.2 U	UG/L
HEXACHLOROBUTADIENE	5.0	5.2 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	5.2 U	UG/L
HEXACHLOROETHANE	5.0	5.2 U	UG/L
HEXACHLOROPHENE	10	10 U	UG/L
HEXACHLOROPROPENE	10	10 U	UG/L
ISODRIN	10	10 U	UG/L
ISOPHORONE	5.0	5.2 U	UG/L
ISOSAFROLE	10	10 U	UG/L
METHAPYRILENE	10	10 U	UG/L
METHYL METHANESULFONATE	10	10 U	UG/L
3-METHYLCHOLANTHRENE	10	10 U	UG/L
2-METHYLNAPHTHALENE	10	10 U	UG/L
4,6-DINITRO-2-METHYLPHENOL	50	52 U	UG/L
4-CHLORO-3-METHYLPHENOL	10	10 U	UG/L
2-METHYLPHENOL	10	10 U	UG/L
NAPHTHALENE	5.0	5.2 U	UG/L
1,4-NAPHTHOQUINONE	10	10 U	UG/L
1-NAPHTHYLAMINE	10	10 U	UG/L
2-NAPHTHYLAMINE	10	10 U	UG/L
2-NITROANILINE	20	21 U	UG/L
3-NITROANILINE	20	21 U	UG/L
4-NITROANILINE	50	52 U	UG/L
NITROBENZENE	5.0	5.2 U	UG/L
2-NITROPHENOL	10	10 U	UG/L
4-NITROPHENOL	50	52 U	UG/L
N-NITROSODIETHYLAMINE	5.0	5.2 U	UG/L
N-NITROSODIMETHALAMINE	5.0	5.2 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	5.2 U	UG/L
N-NITROSOMETHYLETHYLAMINE	10	10 U	UG/L
N-NITROSOMORPHOLINE	10	10 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270 APPENDIX IX
Reported: 11/06/97

General Electric Company
Project Reference: RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
Client Sample ID : RB-RP-1

Date Sampled : 10/29/97 **Order #:** 175373 **Sample Matrix:** WATER
ate Received: 10/30/97 **Submission #:** 9710000364 **Analytical Run** 21330

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 10/30/97			
DATE ANALYZED : 11/03/97			
ANALYTICAL DILUTION: 1.0			
-NITROSOPIPERIDINE	10	10 U	UG/L
N-NITROSOPYROLIDINE	10	10 U	UG/L
I-N-OCTYL PHTHALATE	5.0	5.2 U	UG/L
-NITROQUINOLINE-1-OXIDE	10	10 U	UG/L
PENTACHLOROBENZENE	10	10 U	UG/L
PENTACHLOROETHANE	10	10 U	UG/L
ENTACHLORONITROBENZENE	10	10 U	UG/L
ENTACHLOROPHENOL	50	52 U	UG/L
PHENACETIN	10	10 U	UG/L
HENANTHRENE	5.0	5.2 U	UG/L
HENOL	10	10 U	UG/L
P-PHENYLENEDIAMINE	10	10 U	UG/L
4-BROMOPHENYL-PHENYLETHER	5.0	5.2 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	5.0	5.2 U	UG/L
2-PICOLINE	10	10 U	UG/L
PRONAMIDE	10	10 U	UG/L
PYRENE	5.0	5.2 U	UG/L
PYRIDINE	10	10 U	UG/L
SAFROLE	10	10 U	UG/L
1,2,4,5-TETRACHLOROBENZENE	10	10 U	UG/L
2,3,4,6-TETRACHLOROPHENOL	10	10 U	UG/L
THIONAZIN	10	10 U	UG/L
5-NITRO-O-TOLUIDINE	10	10 U	UG/L
O-TOLUIDINE	10	10 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	5.2 U	UG/L
2,4,6-TRICHLOROPHENOL	10	10 U	UG/L
2,4,5-TRICHLOROPHENOL	10	10 U	UG/L
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	10 U	UG/L
1,3,5-TRINITROBENZENE	10	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(33 - 141 %)	78	%
NITROBENZENE-d5	(35 - 114 %)	71	%
PHENOL-d6	(10 - 94 %)	31	%
2-FLUOROBIPHENYL	(43 - 116 %)	73	%
2-FLUOROPHENOL	(21 - 110 %)	41	%
2,4,6-TRIBROMOPHENOL	(10 - 123 %)	88	%

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8081 PCB'S
REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175366	175367	175368	175369
SAMPLE ID:		HGP-RP-1	BR-RP-1	BGP-RP-1	TAM-RP-2
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997	10/30/1997
DATE EXTRACTED:		10/30/97	10/30/97	10/30/97	10/30/97
DATE ANALYZED:		10/30/97	10/30/97	10/30/97	10/30/97
DILUTION:		1.0	1.0	1.0	1.0
PERCENT SOLID (%):					
PCB 1016	17	17 U	17 U	17 U	17 U
PCB 1221	17	17 U	17 U	17 U	17 U
PCB 1232	17	17 U	17 U	17 U	17 U
PCB 1242	17	17 U	17 U	17 U	17 U
PCB 1248	17	17 U	17 U	17 U	17 U
PCB 1254	17	17 U	17 U	17 U	17 U
PCB 1260	17	17 U	17 U	17 U	17 U
SURROGATE RECOVERIES	LIMITS				
DECACHLOROBIPHENYL	30 - 150	142	123	66	98
TETRACHLORO-META-XYLENE	30 - 150	129	115	63	96

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY
METHOD 8081 PCB'S
REPORTED UNITS: UG/KG

General Electric Company
RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
SUBMISSION #: 9710000364

ORDER NUMBER		175370	175371	175372
SAMPLE ID:		TAM-RP-1	PSG-RP-1	D-RP-1
DATE SAMPLED:		10/29/1997	10/29/1997	10/29/1997
DATE RECEIVED:	PQL	10/30/1997	10/30/1997	10/30/1997
DATE EXTRACTED:		10/30/97	10/30/97	10/30/97
DATE ANALYZED:		10/30/97	10/30/97	10/30/97
DILUTION:		1.0	1.0	1.0
PERCENT SOLID (%):				
PCB 1016	17	17 U	17 U	17 U
PCB 1221	17	17 U	17 U	17 U
PCB 1232	17	17 U	17 U	17 U
PCB 1242	17	17 U	17 U	17 U
PCB 1248	17	17 U	17 U	17 U
PCB 1254	17	17 U	17 U	17 U
PCB 1260	17	17 U	17 U	17 U

SURROGATE RECOVERIES	LIMITS			
DECACHLOROBIPHENYL	30 - 150	97	102	101
TETRACHLORO-META-XYLENE	30 - 150	95	99	95

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8081 PCB'S
Reported: 11/06/97

General Electric Company
Project Reference: RESIDENTIAL PROPERTY-GRAVEL PIT BACKFILL SAMPLING
Client Sample ID : RB-RP-1

Date Sampled : 10/29/97 **Order #:** 175373 **Sample Matrix:** WATER
Date Received: 10/30/97 **Submission #:** 9710000364 **Analytical Run** 21316

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 10/30/97			
DATE ANALYZED : 10/31/97			
ANALYTICAL DILUTION: 1.0			
CB 1016	0.50	0.50 U	UG/L
CB 1221	0.50	0.50 U	UG/L
PCB 1232	0.50	0.50 U	UG/L
CB 1242	0.50	0.50 U	UG/L
CB 1248	0.50	0.50 U	UG/L
PCB 1254	0.50	0.50 U	UG/L
CB 1260	0.50	0.50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
ECACHLOROBIPHENYL	(30 - 150 %)	66	%
ETRACHLORO-META-XYLENE	(30 - 150 %)	74	%

Attachment G

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Hazardous Waste Manifests for Transport of Excavated Soils

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD002084093 Manifest Document No. 020406
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GE COMPANY
ATTN: A. Cole
100 WOODLAWN AVE
4. Generator's Phone 413 494-2534
PITTSFIELD, MA 01201

A. State Manifest Document Number: MA K020406
B. State Gen. ID: Same I9-9-27
C. State Trans. ID: E2588 8MA
D. Transporter's Phone ( )
E. State Trans. ID: 413 499-3050
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (413) 494 3761

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000D01867
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
GE COMPANY
100 WOODLAWN AVE
PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	2600	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Contact 1-800-424-9300 PCB < 1%
Emergency Response Guide #171
Out of Service Date: 5/16/98

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: Joe Molina, As Agent For GE | Signature: Joe Molina | Date: Month 05 Day 18 Year 98

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: MARK LATAKAS | Signature: Mark Latakas | Date: Month 05 Day 13 Year 98
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: | Signature: | Date: Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: RONALD T. VINETTE | Signature: Ronald T. Vinette | Date: Month 05 Day 18 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA K020406 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 | Manifest Document No.: 21323 | 2. Page 1 of | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN: A. Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021323
B. State Gen. ID: SAME (I9-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc. | 6. US EPA ID Number: MA5000001867
C. State Trans. ID: A65-722
7. Transporter 2 Company Name | 8. US EPA ID Number
D. Transporter's Phone: 413 499-3050
E. State Trans. ID

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201 | 10. US EPA ID Number: MAD002084093
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (413) 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	16080 LUBRIV	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. | c.
b. | d.

15. Special Handling Instructions and Additional Information
Emergency Contact 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Date (Month Day Year)
David C. Brock		5 15 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
M. McGowan		5 15 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
RONALD T. VINETTE		05 15 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA K021323 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 | Manifest Document No.: 21324

2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY
ATTN: A. Cole
100 WOODLAWN AVE
PITTSFIELD, MA 01201

4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021324

B. State Gen. ID: SAME (I9-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc.

6. US EPA ID Number: MA5000001867

C. State Trans. ID: 361-491

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone ( )

E. State Trans. ID: 413 499-3050

9. Designated Facility Name and Site Address: GE COMPANY
100 WOODLAWN AVE
PITTSFIELD, MA 01201

10. US EPA ID Number: MAD002084093

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone (413) 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	17880	K	MA02
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: David E. Broach | Signature | Date: Month 5 Day 15 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK LATAKIS | Signature | Date: Month 5 Day 15 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: RONALD T. VINETTE | Signature | Date: Month 05 Day 15 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA K021324 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 | Manifest Document No.: 20401 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN: A Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K020401
B. State Gen. ID: SAME (19-9-27)
C. State Trans. ID: A615-722
D. Transporter's Phone: 413 499-3050
E. State Trans. ID:
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone: (413) 494-3761

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	16510	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Date (Month Day Year)
David E Brouch		5 15 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Mike Goodson		5 15 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
RONALD T. VINETTE		05 15 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA K020401 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 | Manifest Document No.: 21320 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
ATTN: A. Cole
4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021320
B. State Gen. ID: SAME (IG-9-27)
C. State Trans. ID: 3611-9911
D. Transporter's Phone: 413 499-3050
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 413 494-3761

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	17600 R.V.	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Emergency Contact 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

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GENERATOR — Printed/Typed Name: David E Bozek — Signature: [signature] — Date: Month 5 Day 15 Year 98

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: MARK LAMAS — Signature: [signature] — Date: Month 5 Day 15 Year 98
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY
19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: RONALD T. VINETTE — Signature: [signature] — Date: Month 05 Day 15 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

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MA K021320 COPY>3: FACILITY MAILS TO GENERATOR

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD002084093 Manifest Document No. 27381

2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN A. Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201

4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021321

B. State Gen. ID: SAME (19-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc.

6. US EPA ID Number: MA5000001867

C. State Trans. ID: A615-722

7. Transporter 2 Company Name:

8. US EPA ID Number:

D. Transporter's Phone: 413 499-3050

E. State Trans. ID:

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201

10. US EPA ID Number: MAD002084093

F. Transporter's Phone ( )

G. State Facility's ID: Not Required

H. Facility's Phone: 413 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	17530 R/V.	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. PCB Soil & Debris - CH0642

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a. c.

b. d.

15. Special Handling Instructions and Additional Information

Emergency Contact: 1-800-424-9300 PCB < 1%

Emergency Response Guide #171

Out of Service Date: 5/15/96

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GENERATOR — Printed/Typed Name: David E Brouch — Signature: [signature] — Date: Month 5 Day 15 Year 96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Mike Goodson — Signature: [signature] — Date: Month 5 Day 15 Year 96

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: RONALD T. VINETTE — Signature: [signature] — Date: Month 05 Day 15 Year 96

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 Manifest Document No.: 20405
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GE COMPANY
ATTN: A. Cole
100 WOODLAWN AVE
PITTSFIELD, MA 01201

4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K020405
B. State Gen. ID: Same (I9-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
C. State Trans. ID: 625-888

7. Transporter 2 Company Name
8. US EPA ID Number
D. Transporter's Phone ( )
E. State Trans. ID: 413 499-3050

9. Designated Facility Name and Site Address
GE COMPANY
100 WOODLAWN AVE
PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (413) 494-3781

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
aRQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	3110	K	MA02
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c. b. d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

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Printed/Typed Name	Signature	Date (Month Day Year)
David E Brooks		05 15 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
ALAN NUTTALL		05 15 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
RONALD T. VINETTE		05 15 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 — Manifest Document No.: 20404
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN: A. Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA KO20404
B. State Gen. ID: Same (I9-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc. — 6. US EPA ID Number: MA5000001867
C. State Trans. ID: E25-886
7. Transporter 2 Company Name — 8. US EPA ID Number
D. Transporter's Phone ( ) 413 499-3050
E. State Trans. ID

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201 — 10. US EPA ID Number: MAD002084093
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (413) 494-3761

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR	a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	550	K	MA02
	b.					
	c.					
	d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

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Printed/Typed Name	Signature	Date (Month Day Year)
David E Roach	David E Roach	5/15/98

TRANSPORTER	Printed/Typed Name	Signature	Date (Month Day Year)
17. Transporter 1 Acknowledgement of Receipt of Materials	ALAN NUTTALL	Alan Nuttall	5/15/98
18. Transporter 2 Acknowledgement of Receipt of Materials			

FACILITY	19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
RONALD T. Vinette	Ronald T. Vinette	05/15/98

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DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 | Manifest Document No.: 20402
2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY
ATTN A. Cole
100 WOODLAWN AVE
413 494-2534
PITTSFIELD, MA 01201
4. Generator's Phone ( )

A. State Manifest Document Number: MA K020402
B. State Gen. ID: SAME (19-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
C. State Trans. ID: A1651-7212
D. Transporter's Phone: 413 499-3050

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Trans. ID
F. Transporter's Phone ( )

9. Designated Facility Name and Site Address: GE COMPANY
100 WOODLAWN AVE
PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093
G. State Facility's ID: Not Required
H. Facility's Phone: 413 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	~~4,000~~ 19360 RD.	K	MA02
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/15/98

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Printed/Typed Name	Signature	Date (Month Day Year)
David E Brouck		5/15/98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
Mike Goodson		5/15/98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
RONALD T. VINETTE		5/15/98

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 — Manifest Document No.: 21322
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN: A Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021322
B. State Gen. ID: SAME I9-9-27
C. State Trans. ID: 3611-4911
D. Transporter's Phone: 413 499-3050
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 413 494-3761

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	~~15,000~~ RV 14990	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
~~Emergency Response Guide #171~~

Out of Service Date: 5/15/98

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GENERATOR — Printed/Typed Name: David E Brouck — Signature: [signature] — Date: Month 5 Day 15 Year 98

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: [illegible] — Signature: [signature] — Date: Month 5 Day 15 Year 98
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Date: Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: RONALD T. VINETTE — Signature: [signature] — Date: Month 05 Day 15 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 — Manifest Document No.: K21319
2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN: A. Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021319
B. State Gen. ID: SAME (19-9-27)
C. State Trans. ID: 341-491
D. Transporter's Phone: 413 499-3050
E. State Trans. ID:
F. Transporter's Phone:
G. State Facility's ID: Not Required
H. Facility's Phone: 413 494-3761

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	19100 RH	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c. b. d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/14/98

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GENERATOR — Printed/Typed Name: David E Brouch — Signature: D E Brouch — Date: Month 5 Day 14 Year 98

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: LAWRENCE MASON — Signature: Lawrence Mason — Date: Month 5 Day 14 Year 98
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Date:

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: R. HARVEY — Signature: R. Harvey — Date: Month 05 Day 14 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA K021319 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No. MAD002084093 — Manifest Document No. 21318
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
GE COMPANY
ATTN: A. Cole
100 WOODLAWN AVE
PITTSFIELD, MA 01201

4. Generator's Phone 413 494-2534

A. State Manifest Document Number: MA KO21318
B. State Gen. ID: SAME (I9-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc.
6. US EPA ID Number: MA5000001867
C. State Trans. ID: A65-722

7. Transporter 2 Company Name
8. US EPA ID Number
D. Transporter's Phone 413 499-3050
E. State Trans. ID

9. Designated Facility Name and Site Address
GE COMPANY
100 WOODLAWN AVE
PITTSFIELD, MA 01201
10. US EPA ID Number: MAD002084093
F. Transporter's Phone ( )
G. State Facility's ID: Not Required
H. Facility's Phone (413 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III	001	DT	16190 LH,CC,RJH	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)
a. PCB Soil & Debris - CH0642
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Emergency Contact: 1-800-424-9300 PCB < 1%
Emergency Response Guide #171

Out of Service Date: 5/14/98

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: David E Brooks — Signature — Date: Month 5 Day 14 Year 98

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Stratton DiKemen — Signature — Date: Month 5 Day 14 Year 98
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY
19. Discrepancy Indication Space
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: R. HARVEY — Signature — Date: Month 05 Day 14 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA KO21318 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 — Manifest Document No.: 21317 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: MA K021317

3. Generator's Name and Mailing Address: GE COMPANY, ATTN: A. Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201

B. State Gen. ID: SAME (19-9-27)

4. Generator's Phone: 413 494-2534

C. State Trans. ID: 361-491

5. Transporter 1 Company Name: Maxymillian Technologies Inc. — 6. US EPA ID Number: MA5000001867

D. Transporter's Phone: 413 498-3050

7. Transporter 2 Company Name — 8. US EPA ID Number

E. State Trans. ID

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201 — 10. US EPA ID Number: MAD002084093

F. Transporter's Phone:

G. State Facility's ID: Not Required

H. Facility's Phone: 413 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III (Marine Pollutant)	001	DT	17220	K	MA02
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. PCB Soil & Debris - CH0642

c.

b.

d.

K. Handling Codes for Wastes Listed Above

a. c.

b. d.

15. Special Handling Instructions and Additional Information

Emergency Contact: 1-800-424-9300

~~PCB < 1%~~

Emergency Response Guide #171

Out of Service Date: 5/14/98

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GENERATOR — Printed/Typed Name: David E Brooch — Signature: [signature] — Date: Month 5 Day 14 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: LAWRENCE MASON — Signature: [signature] — Date: Month 5 Day 14 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. — Printed/Typed Name: R. HARVEY — Signature: [signature] — Date: Month 5 Day 14 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

MA K021317 COPY>3: FACILITY MAILS TO GENERATOR

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street
Boston, Massachusetts 02108

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator US EPA ID No.: MAD002084093 — Manifest Document No.: 21315 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: GE COMPANY, ATTN. A. Cole, 100 WOODLAWN AVE, PITTSFIELD, MA 01201

4. Generator's Phone: 413 494-2534

A. State Manifest Document Number: MA K021315

B. State Gen. ID: SAME (29-9-27)

5. Transporter 1 Company Name: Maxymillian Technologies Inc. — 6. US EPA ID Number: MA5000001867

C. State Trans. ID: AGS-722

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone: 413 499-3050

E. State Trans. ID

9. Designated Facility Name and Site Address: GE COMPANY, 100 WOODLAWN AVE, PITTSFIELD, MA 01201 — 10. US EPA ID Number: MAD002084093

F. Transporter's Phone

G. State Facility's ID: Not Required

H. Facility's Phone: 413 494-3761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Polychlorinated Biphenyls Mixture, 9, UN2315, III (Marine Pollutant)	001	DT	15950	K	MA02
b.					
c.					
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code.)

a. PCB Soil & Debris - CH0642

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a. c.

b. d.

15. Special Handling Instructions and Additional Information

Emergency Contact: 1-800-424-9300

Emergency Response Guide #171

DRB
PCB < 1%

Out of Service Date: 5/14/98

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: David E. Brouch — Signature — Date: Month 5 Day 14 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Stratten Dikeman — Signature — Date: Month 5 Day 14 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: RICHARD HARVEY — Signature: Richard Harvey — Date: Month 05 Day 14 Year 98

Form Approved OMB No. 2050-0039
EPA Form 8700-22 (Rev. 9-94) Previous editions are obsolete

COPY>3: FACILITY MAILS TO GENERATOR

In case of emergency spill, immediately call the National Response Center (NRC) 424-8802.

MA K021315 COPY>3: FACILITY MAILS TO GENERATOR

Attachment H

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Immediate Response Action Transmittal Form (Completion Statement Form, BWSC-105)

Massachusetts Department of Environmental Protection **BWSC-105**
Bureau of Waste Site Cleanup

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number: 1 - 12281

A. RELEASE OR THREAT OF RELEASE LOCATION:

Release Name: (optional)

Street: 727 East Street Location Aid: Parcel I9-9-28

City/Town: Pittsfield ZIP Code: 01201-9999

☐ Check here if a Tier Classification Submittal has been provided to DEP for this Release Tracking Number.

☐ Check here if this location is Adequately Regulated, pursuant to 310 CMR 40.0110-0114.

Specify Program: ☐ CERCLA ☐ HSWA Corrective Action ☐ Solid Waste Management ☐ RCRA State Program (21C Facilities)

Related Release Tracking Numbers That This IRA Addresses: RTN 1-12289 (723 East St.; Parcel I9-9-27)

B. THIS FORM IS BEING USED TO: (check all that apply)

☐ Submit an **IRA Plan** (complete Sections A, B, C, D, E, H, I, J and K).

☐ Check here if this IRA Plan is an update or modification of a previously approved written IRA Plan. Date Submitted:

☐ Submit an **Imminent Hazard Evaluation** (complete Sections A, B, C, F, H, I, J and K).

☐ Submit an **IRA Status Report** (complete Sections A, B, C, E, H, I, J and K).

☐ Submit a **Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard** (complete Sections A, B, C, D, E, H, I, J and K).

☑ Submit an **IRA Completion Statement** (complete Sections A, B, C, D, E, G, H, I, J and K).

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. RELEASE OR THREAT OF RELEASE CONDITIONS THAT WARRANT IRA:

Identify Media and Receptors Affected: (check all that apply)

☐ Air ☐ Groundwater ☐ Surface Water ☐ Sediments ☑ Soil

☐ Wetland ☐ Storm Drain ☐ Paved Surface ☐ Private Well ☐ Public Water Supply ☐ Zone 2 ☑ Residence

☐ School ☐ Unknown ☐ Other Specify:

Identify Conditions That Require IRA, Pursuant to 310 CMR 40.0412: (check all that apply)

☑ 2 Hour Reporting Condition(s) ☐ 72 Hour Reporting Condition(s) ☐ Substantial Release Migration ☐ Other Condition(s)

Describe: Detection of PCBs at levels that would pose a potential imminent hazard per 310 CMR 40.0321

Identify Oils and Hazardous Materials Released: (check all that apply)

☐ Oils ☐ Chlorinated Solvents ☐ Heavy Metals

☑ Others Specify: Polychlorinated Biphenyls (PCBs)

D. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

☑ Assessment and/or Monitoring Only

☑ Excavation of Contaminated Soils

☐ Re-use, Recycling or Treatment

○ On Site ○ Off Site Est. Vol.: ____ cubic yards

Describe:

☐ Store ○ On Site ○ Off Site Est. Vol.: ____ cubic yards

☑ Landfill ○ Cover ○ Disposal Est. Vol.: 155 cubic yards

☐ Removal of Drums, Tanks or Containers

Describe:

☐ Deployment of Absorbent or Containment Materials

☐ Temporary Covers or Caps

☐ Bioremediation

☐ Soil Vapor Extraction

☐ Structure Venting System

☐ Product or NAPL Recovery

☐ Groundwater Treatment Systems

☐ Air Sparging

☐ Temporary Water Supplies

SECTION D IS CONTINUED ON THE NEXT PAGE.

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM

Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

Release Tracking Number: 1 - 12281

D. DESCRIPTION OF RESPONSE ACTIONS (continued):

- ☐ Removal of Other Contaminated Media
  - Specify Type and Volume:
- ☐ Temporary Evacuation or Relocation of Residents
- ☐ Fencing and Sign Posting
- ☑ Other Response Actions — Describe: Additional soil sampling and analysis.
- ☐ Check here if this IRA involves the use of Innovative Technologies (DEP is interested in using this information to aid in creating an Innovative Technologies Clearinghouse).
  - Describe Technologies:

E. TRANSPORT OF REMEDIATION WASTE:

(if Remediation Waste has been sent to an off-site facility, answer the following questions)

- Name of Facility: CWM Chemical Services, LLC
- Town and State: Model City, NY
- Quantity of Remediation Waste Transported to Date: 155 cy

F. IMMINENT HAZARD EVALUATION SUMMARY:

(check one of the following)

- ☐ Based upon an evaluation, an Imminent Hazard exists in connection with this Release or Threat of Release.
- ☐ Based upon an evaluation, an Imminent Hazard does not exist in connection with this Release or Threat of Release.
- ☐ Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release, and further assessment activities will be undertaken.
- ☐ Based upon an evaluation, it is unknown whether an Imminent Hazard exists in connection with this Release or Threat of Release. However, response actions will address those conditions that could pose an Imminent Hazard.

G. IRA COMPLETION STATEMENT:

- ☐ Check here if future response actions addressing this Release or Threat of Release will be conducted as part of the Response Actions planned for a Site that has already been Tier Classified under a different Release Tracking Number, or a Site that is identified on the Transition List as described in 310 CMR 40.0600 (i. e., a Transition Site, which includes Sites with approved Waivers). These additional response actions must occur according to the deadlines applicable to the earlier Release Tracking Number (i. e., Site ID Number).
  - State Release Tracking Number (i. e., Site ID Number) of Tier Classified Site or Transition Site:

If any Remediation Waste will be stored, treated, managed, recycled or reused at the site following submission of the IRA Completion Statement, you must submit either a Release Abatement Measure (RAM) Plan or a Phase IV Remedy Implementation Plan, along with the appropriate transmittal form, as an attachment to the IRA Completion Statement.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

> *if Section B of this form indicates that an **Immediate Response Action Plan** is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that an **Imminent Hazard Evaluation** is being submitted*, this Imminent Hazard Evaluation was developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and the assessment activity(ies) undertaken to support this Imminent Hazard Evaluation complies(y) with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000;

> *if Section B of this form indicates that an **Immediate Response Status Report** is being submitted*, the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that an **Immediate Response Action Completion Statement** or a **Request to Terminate an Active Remedial System and/or Terminate a Continuing Response Action(s) Taken to Address an Imminent Hazard** is being submitted*, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

SECTION H IS CONTINUED ON THE NEXT PAGE.

Massachusetts Department of Environmental Protection **BWSC-105**
Bureau of Waste Site Cleanup

Release Tracking Number
1 - 12281

IMMEDIATE RESPONSE ACTION (IRA) TRANSMITTAL FORM
Pursuant to 310 CMR 40.0424 - 40.0427 (Subpart D)

H. LSP Opinion (continued):

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

[X] Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

LSP Name: James M. Nuss, P.E. LSP #: 7349 Stamp:

Telephone: (315) 446-9120 Ext.:

FAX: (optional) (315) 446-7485

Signature: James M. Nuss

Date: April 14, 1999

I. PERSON UNDERTAKING IRA:

Name of Organization: General Electric Company

Name of Contact: Richard W. Gates Title: Remediation Project Manager

Street: 100 Woodlawn Avenue

City/Town: Pittsfield State: MA ZIP Code: 01201

Telephone: (413) 494-2176 Ext.: FAX: (optional) (413) 494-2700

[ ] Check here if there has been a change in the person undertaking the IRA.

J. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON UNDERTAKING IRA: (check one)

[X] RP or PRP Specify: ( ) Owner ( ) Operator (X) Generator ( ) Transporter Other RP or PRP:

[ ] Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

[ ] Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

[ ] Any Other Person Undertaking IRA Specify Relationship:

K. CERTIFICATION OF PERSON UNDERTAKING IRA:

I, Richard W. Gates, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: Richard W. Gates Title: REMEDIATION PROJ. MGR
(signature)

For: General Electric Company Date: 4/13/99
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street:

City/Town: State: ZIP Code:

Telephone: Ext.: FAX: (optional)

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.