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

Transmitted via Overnight Courier

February 9, 2005

Mr. Dean Tagliaferro
U.S. Environmental Protection Agency
Region I – New England
10 Lyman Street, Suite 2
Pittsfield, MA 01201

Ms. Susan Steenstrup
Acting Section Chief, Special Projects
Bureau of Waste Site Cleanup
Department of Environmental Protection
436 Dwight Street
Springfield, MA 01103

Re: GE-Pittsfield/Housatonic River Site
Monthly Status Report Pursuant to Consent Decree for January 2005 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for January 2005 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

The enclosed monthly report includes not only the activities conducted by GE under the CD, but also other activities conducted by GE at the GE-Pittsfield/Housatonic River Site (as defined in the CD). The report is formatted to apply to the various areas of the Site as defined in the CD, and to provide for each area, the information specified in Paragraph 67 of the CD. The activities conducted specifically pursuant to or in connection with the CD are marked with an asterisk. GE is submitting a separate monthly report to the Massachusetts Department of Environmental Protection (MDEP), with a copy to the United States Environmental Protection Agency (EPA), describing the activities conducted by GE at properties outside the CD Site pursuant to GE's November 2000 Administrative Consent Order from MDEP.

The enclosed monthly report includes, where applicable, tables that list the samples collected during the subject month, summarize the analytical results received during that month from sampling or other testing activities, and summarize other groundwater monitoring and oil recovery information obtained during that month. Also, enclosed for each of you (and for Weston) is a CD-ROM that contains these same tables of the analytical data and monitoring information in electronic form. In addition, sampling results from miscellaneous soil sampling activities conducted pursuant to GE's Excavation Protocols are included in a *Final Notification of On-Plant Excavations* letter report that was submitted to EPA and MDEP during January 2005. A copy of this notification letter is attached to this monthly report.

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

Sincerely,

John F. Novotny / cts for

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

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2005\01-05 CD Monthly\CvrLetter.doc

cc: Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
James DiLorenzo, EPA
William Lovely, EPA (Items 7, 8, 9, 10, 11, 12, 16/17, 22, 23, and 25 only)
Rose Howell, EPA (cover letter only)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
K.C. Mitkevicius, USACE (CD-ROM of report)
Thomas Angus, MDEP (cover letter only)
Robert Bell, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)
Richard Nasman, P.E., Berkshire Gas (CD-ROM of report)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, BBL
James Bieke, Goodwin Procter
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (5 copies of CD-ROM)
GE Internal Repository (2 copies)

(w/o separate CD-ROM, except where noted)

JANUARY 2005

MONTHLY STATUS REPORT

PURSUANT TO CONSENT DECREE FOR GE-PITTSFIELD/HOUSATONIC RIVER SITE

GENERAL ELECTRIC COMPANY

PITTSFIELD, MASSACHUSETTS

Background

The General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and other governmental entities have entered into a Consent Decree (CD) for the GE-Pittsfield/Housatonic River Site, which was entered by the U.S. Court on October 27, 2000. In accordance with Paragraph 67 of the CD, GE has prepared this monthly report, which summarizes the status of activities conducted by GE at the GE-Pittsfield/ Housatonic River Site ("Site") (as defined in the CD).

This report covers activities in the areas listed below (as defined in the CD and/or the accompanying Statement of Work for Removal Actions Outside the River [SOW]). Only those areas that have had work activities for the month subject to reporting are included. The specific activities conducted pursuant to or in connection with the CD are noted with an asterisk.

General Activities (GECD900)

GE Plant Area (non-groundwater)

1. 20s, 30s, 40s Complexes (GECD120)
2. East Street Area 2 – South (GECD150)
3. East Street Area 2 – North (GECD140)
4. East Street Area 1 – North (GECD130)
5. Hill 78 and Building 71 Consolidation Areas (GECD210/220)
6. Hill 78 Area – Remainder (GECD160)
7. Unkamet Brook Area (GECD170)

Former Oxbow Areas (non-groundwater)

8. Former Oxbow Areas A & C (GECD410)
9. Lyman Street Area (GECD430)
10. Newell Street Area I (GECD440)
11. Newell Street Area II (GECD450)
12. Former Oxbow Areas J & K (GECD420)

Housatonic River

13. Upper ½-Mile Reach (GECD800)
14. 1½-Mile Reach (only for activities, if any, conducted by GE) (GECD820)
15. Rest of the River (GECD850)

Housatonic River Floodplain

16. Current Residential Properties Adjacent to 1½-Mile Reach (Actual/Potential Lawns) (GECD710)
17. Non-Residential Properties Adjacent to 1½-Mile Reach (excluding banks) (GECD720)
18. Current Residential Properties Downstream of Confluence (Actual/Potential Lawns) (GECD730)

Other Areas

19. Allendale School Property (GECD500)
20. Silver Lake Area (GECD600)

Groundwater Management Areas (GMAs)

21. Plant Site 1 (GECD310)
22. Former Oxbows J & K (GECD320)
23. Plant Site 2 (GECD330)
24. Plant Site 3 (GECD340)
25. Former Oxbows A&C (GECD350)

GENERAL ACTIVITIES
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
JANUARY 2005

a. Activities Undertaken/Completed

Continued GE-EPA electronic data exchanges for the Housatonic River Watershed and Areas Outside the River.*

- Attended Pittsfield Citizens Coordinating Council (CCC) meeting (January 5, 2005).
- Attended public meeting on draft revised NPDES Permit (January 19, 2005).
- Attended public meeting on 1½ Mile Reach of the Housatonic River (January 26, 2005).

b. Sampling/Test Results Received

- Sample results were received for routine sampling conducted pursuant to GE's NPDES Permit for the GE facility. Sampling records and results are provided in Attachment A to this report.
- NPDES Discharge Monitoring Reports (DMRs) for the period of December 1 through December 31, 2004, are provided in Attachment B to this report.
- Quarterly NPDES DMRs for the 4th quarter of 2003 and 1st, 2nd, and 3rd quarters of 2004 are provided in Attachment C to this report.
- A report titled *Toxicity Evaluation of Wastewaters Discharged from the General Electric Plant; Pittsfield, Massachusetts (Samples Collected in January 2005)* was prepared for GE by SGS Environmental Services, Inc. (SGS). A copy of that report is provided in Attachment D.

c. Work Plans/Reports/Documents Submitted

Submitted *Final Notification of On-Plant Excavations* (January 5, 2005). A copy of that report is provided in Attachment E and is referenced under the appropriate areas discussed in subsequent items of this monthly report.

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue NPDES sampling and monitoring activities.
- Attend public hearing (scheduled for February 10, 2005) on draft revised NPDES Permit.
- Attend public, CCC, and Pittsfield Economic Development Authority (PEDA) meetings as appropriate.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

GENERAL ACTIVITIES
(cont'd)
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
JANUARY 2005

f. <u>Proposed/Approved Work Plan Modifications</u>

None

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
JANUARY 2005

a. Activities Undertaken/Completed

- Continued discussions with EPA, MDEP, and PEDA regarding land transfer issues for the 20s and 30s Complexes.

- Continued pre-demolition activities at Buildings 42, 43/43-A, and 44.

- Continued oil monitoring in Building 43 elevator shaft; no recoverable quantities were encountered (see Item 21.a).

- Consolidated the 36V Building and related demolition debris at the Building 71 On-Plant Consolidation Area (OPCA) (per USEPA approval).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted *Final Notification of On-Plant Excavations* covering an emergency excavation to cut and cap a fire main pipe servicing the 40s Complex near the west end of Building 44 (January 5, 2005). A copy of this letter report is provided in Attachment E.

- Submitted to MDEP final Grants of Environmental Restrictions and Easements (EREs) for 20s and 30s Complexes, together with associated documentation (January 28, 2005).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue pre-demolition activities (including asbestos abatement) at Buildings 42, 43/43-A, and 44.

- Participate in final pre-certification inspection of 20s and 30s Complexes (scheduled for February 10, 2005).*

- Submit Final Completion Reports for 20s and 30s Complexes (including Post-Removal Site Control Plans) after the EREs are approved by EPA, accepted by MDEP, and recorded, and after the final pre-certification inspection is held.*

- Initiate and complete demolition of transformer carcass in 30s Complex yard. Consistent with EPA approval, the carcass will be sent to the Building 71 OPCA for disposal.

ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
JANUARY 2005

d. Upcoming Scheduled and Anticipated Activities (next six weeks) (cont'd)

- Complete transfer of 20s and 30s Complexes to PEDA following receipt of all necessary Agency approvals and resolution of remaining issues.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

See above item regarding transfer of 20s and 30s Complexes to PEDA.

f. Proposed/Approved Work Plan Modifications

Received EPA approval of the November 2004 Soil Data Compilation Report for the 30s Complex (January 18, 2005).

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
JANUARY 2005

a. Activities Undertaken/Completed

- Completed demolition activities at the 60s Complex, except for site restoration, which is to be completed this spring.

- Continued ambient air monitoring for particulates and PCBs around the 60s Complex.

- Performed sludge sampling at Building 64T and Liquid Phase Carbon Absorption (LPCA) sampling, as well as sand filter sampling at Building 64G, as identified in Table 2-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted *Final Notification of On-Plant Excavations* covering a major excavation for the installation of a gas main on the north west side of Buildings 64T and 64G (January 5, 2005). A copy of this letter report is provided in Attachment E.

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue to conduct routine process sampling at Buildings 64G and/or 64T.

- Complete restoration activities at the 60s Complex (weather permitting).

- Initiate additional sampling activities proposed in Interim Letter Report (submitted October 22, 2004) following EPA approval.

- Develop Final Completion Report for City Recreational Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 61 Varnish From Piping	BLDG-61-PIPE-1	1/20/05	Oil	SGS	PCB, TCLP Metals	1/31/05
Building 64G LPCA Monitoring	A5-64G-01	1/11/05	Water	SGS	VOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-02	1/11/05	Water	SGS	SVOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-03	1/11/05	Water	SGS	PCB	1/27/05
Building 64G LPCA Monitoring	A5-64G-04	1/11/05	Water	SGS	Oil & Grease	1/27/05
Building 64G LPCA Monitoring	A5-64G-05	1/11/05	Water	SGS	VOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-06	1/11/05	Water	SGS	SVOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-07	1/11/05	Water	SGS	PCB	1/27/05
Building 64G LPCA Monitoring	A5-64G-08	1/11/05	Water	SGS	Oil & Grease	1/27/05
Building 64G LPCA Monitoring	A5-64G-09	1/11/05	Water	SGS	VOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-10	1/11/05	Water	SGS	SVOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-11	1/11/05	Water	SGS	PCB	1/27/05
Building 64G LPCA Monitoring	A5-64G-12	1/11/05	Water	SGS	Oil & Grease	1/27/05
Building 64G LPCA Monitoring	A5-64G-13	1/11/05	Water	SGS	VOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-14	1/11/05	Water	SGS	SVOC	1/27/05
Building 64G LPCA Monitoring	A5-64G-15	1/11/05	Water	SGS	PCB	1/27/05
Building 64G LPCA Monitoring	A5-64G-16	1/11/05	Water	SGS	Oil & Grease	1/27/05
Building 64G Sand Filter Sampling	64G-SF-SAND-C1	12/8/04	Soil	SGS	PCB, VOC, SVOC,	1/4/05
Building 64T Sludge Sampling	A5-64T-01	1/4/05	Sludge	SGS	PCB	1/11/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	1/3/05	Air	Berkshire	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	1/3/05	Air	Berkshire	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	1/3/05	Air	Berkshire	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	1/3/05	Air	Berkshire	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	1/3/05	Air	Berkshire	Particulate Matter	2/2/05
PCB Ambient Air Sampling	Northeast of 60s Complex	12/29 -	Air	Berkshire Environmental	PCB	1/7/05
PCB Ambient Air Sampling	Northwest of 60s Complex	12/29 -	Air	Berkshire Environmental	PCB	1/7/05
PCB Ambient Air Sampling	Northwest of 60s Complex Co-located	12/29 -	Air	Berkshire Environmental	PCB	1/7/05
PCB Ambient Air Sampling	Southwest of 60s Complex	12/29 -	Air	Berkshire Environmental	PCB	1/7/05
PCB Ambient Air Sampling	Southeast of 60s Complex	12/29 -	Air	Berkshire Environmental	PCB	1/7/05
PCB Ambient Air Sampling	Background Inside GE Gate 31	12/29 -	Air	Berkshire Environmental	PCB	1/7/05

TABLE 2-2
DATA RECEIVED DURING JANUARY 2005

BUILDING 64G SAND FILTER SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	64G-SF-SAND-C1 12/08/04
Volatile Organics	
None Detected	--
PCBs	
Aroclor-1254	0.33
Aroclor-1260	0.19
Total PCBs	0.52
Semivolatile Organics	
Benzo(g,h,i)perylene	0.10 J
Dibenzo(a,h)anthracene	0.12 J
Indeno(1,2,3-cd)pyrene	0.13 J
Pyrene	0.087 J

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, and TCLP constituents.
2. Please refer to Table 2-3 for a summary of TCLP constituents.
3. Only detected constituents are summarized.
4. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (PCBs, volatiles, semivolatiles)

J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 2-3
TCLP DATA RECEIVED DURING JANUARY 2005

BUILDING 64G SAND FILTER SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	64G-SF-SAND-C1 12/8/2004
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	ND(0.10)
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	1.10
Cadmium	1	ND(0.0200)
Chromium	5	0.00980 B
Lead	5	0.00520 B
Mercury	0.2	0.0000500 B
Selenium	1	ND(0.200)
Silver	5	0.00500 B

Notes:
1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, and TCLP constituents.
2. Please refer to Table 2-2 for a summary of PCBs, volatiles, and semivolatiles.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 2-4
PCB DATA RECEIVED DURING JANUARY 2005

BUILDING 64T SLUDGE SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
A5-64T-01	1/4/2005	ND(1.1)	32	9.6	41.6

Notes:

1. Sample was collected by General Electric Company and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 2-5
DATA RECEIVED DURING JANUARY 2005

BUILDING 64G LPCA MONITORING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	A5-64G-01 01/11/05	A5-64G-02 01/11/05	A5-64G-03 01/11/05	A5-64G-04 01/11/05	A5-64G-05 01/11/05	A5-64G-06 01/11/05	A5-64G-07 01/11/05	A5-64G-08 01/11/05
Volatile Organics								
1,1,1-Trichloroethane	ND(0.0050)	NA	NA	NA	0.0042 J	NA	NA	NA
1,1-Dichloroethane	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Benzene	0.046	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	0.22	NA	NA	NA	0.0028 J	NA	NA	NA
Ethylbenzene	0.052	NA	NA	NA	ND(0.0050)	NA	NA	NA
Vinyl Chloride	ND(0.0050)	NA	NA	NA	0.0032 J	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	0.00013	NA	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	0.000058 J	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	0.000188	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	0.0028 J	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	0.0032 J	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	0.0066 J	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	0.032	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	0.0056 J	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	0.040	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	3.0 B	NA	NA	NA	ND(5.0)

TABLE 2-5
DATA RECEIVED DURING JANUARY 2005

BUILDING 64G LPCA MONITORING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	A5-64G-09 01/11/05	A5-64G-10 01/11/05	A5-64G-11 01/11/05	A5-64G-12 01/11/05	A5-64G-13 01/11/05	A5-64G-14 01/11/05	A5-64G-15 01/11/05	A5-64G-16 01/11/05
Volatile Organics								
1,1,1-Trichloroethane	0.0039 J	NA	NA	NA	0.0033 J	NA	NA	NA
1,1-Dichloroethane	0.0026 J	NA	NA	NA	0.0028 J	NA	NA	NA
Benzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Ethylbenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Vinyl Chloride	0.0030 J	NA	NA	NA	ND(0.0050)	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

Notes:
1. Samples were collected by General Electric Company and submitted to SGS Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, and oil & grease.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)
J - Indicates an estimated value less than the practical quantitation limit (PQL).

Inorganics and Conventional Parameters
B - Indicates an estimated value between the instrument detection limit (IDL) and PQL.

TABLE 2-6
DATA RECEIVED DURING JANUARY 2005

BUILDING 61 VARNISH FROM PIPING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG-61-PIPE-1	1/20/2005	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP metals.
2. Please refer to Table 2-7 for a summary of TCLP metals.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 2-7
TCLP DATA RECEIVED DURING JANUARY 2005

BUILDING 61 VARNISH FROM PIPING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	BLDG-61-PIPE-1 1/20/2005
Inorganics		
Arsenic	5	ND(0.500)
Barium	100	0.0210 B
Cadmium	1	ND(0.100)
Chromium	5	ND(0.250)
Lead	5	0.0510 B
Mercury	0.2	ND(0.00200)
Selenium	1	ND(0.500)
Silver	5	ND(0.100)

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP metals.
2. Please refer to Table 2-6 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Inorganics

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

TABLE 2-8
AMBIENT AIR PCB DATA RECEIVED DURING JANUARY 2005

60s COMPLEX DEMOLITION ACTIVITIES
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	Northeast of 60s Complex (µg/m^3)	Northwest of 60s Complex (µg/m^3)	Northwest of 60s Complex Co-located (µg/m^3)	Southwest of 60s Complex (µg/m^3)	Southeast of 60s Complex (µg/m^3)	Background Inside GE Gate 31 (µg/m^3)
12/29 - 12/30/04	ND	ND	ND	ND	ND	ND
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

Note:
ND - Non Detect (<0.0003).

TABLE 2-9
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JANUARY 2005

60s COMPLEX DEMOLITION ACTIVITIES
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
01/03/05	Northeast of 60s Complex	0.057	0.029*	8:45[1]	Calm
	Northwest of 60s Complex	0.035		8:45[1]	
	Southwest of 60s Complex	0.020*		8:45[1]	
	Southeast of 60s Complex	0.008*		8:45[1]	
Notification Level		0.120			

Notes:
NA - Not Available.
* Measured with DR-2000. All others measured with pDR-1000.
Background monitoring location inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.
[1] Sampling period was shortened due to precipitation/threat of precipitation.
[2] Sampling was not performed due to lack of site activity.

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
JANUARY 2005

a. Activities Undertaken/Completed

- Initiated preparation of data needs assessment letter.*
- Conducted sampling of oil drains on Building 15 vehicles, as identified in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted *Final Notification of On-Plant Excavations* covering the following excavations (January 5, 2005). A copy of this letter report is provided in Attachment E.
  - Emergency excavation to remove fire curbs and a leaking hydrant between Buildings 15 and 17; and
  - Emergency excavation to cut and cap a fire main at the east end of Building 16.
- Submitted Notification to EPA of Pipe Cutter Reservoir Sump in Building 16 containing PCBs (January 20, 2005).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Submit data needs assessment letter (due by February 21, 2005).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received response to Notification of Pipe Cutter Reservoir Sump in Building 16 containing PCBs (January 27, 2005).

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 15 Vehicles Oil Drain	BLDG-15-B0991-1	1/19/05	Oil	SGS	PCB	1/28/05
Building 15 Vehicles Oil Drain	BLDG-15-B0998-1	1/19/05	Oil	SGS	PCB	1/28/05

TABLE 3-2
DATA RECEIVED DURING JANUARY 2005

BUILDING 15 VEHICLES OIL DRAIN
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG-15-B0991-1	1/19/2005	ND(1.0)	2.8	ND(1.0)	2.8
BLDG-15-B0998-1	1/19/2005	ND(1.0)	9.7	4.0	13.7

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Develop Final Completion Report. *
- Submit notice to holders of encumbrances on Parcel K11-1-15 that a Conditional Solution was implemented at the portion of that property within East Street Area 1-North (following EPA review of draft notice).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

- Transferred demolition debris from demolition activities conducted at the 30s and 60s Complexes to the OPCAs.

- Conducted ambient air monitoring for particulates at the OPCAs.

- Continued transfer of leachate from Building 71 OPCA to Building 64G for treatment. The total amount transferred in January 2005 was 136,000 gallons (see Table 5-3).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Continue transfer of building demolition debris from ongoing demolition projects and excavated material from 1½ Mile Reach removal activities to the OPCAs (weather permitting).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	North of OPCAs	1/3/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	1/3/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	1/3/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	1/3/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	West of OPCAs	1/3/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Background Location	1/3/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	North of OPCAs	1/11/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	1/11/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	1/11/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	1/11/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	West of OPCAs	1/11/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Background Location	1/11/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	North of OPCAs	1/13/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	1/13/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	1/13/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	1/13/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	West of OPCAs	1/13/05	Air	Berkshire Environmental	Particulate Matter	2/2/05
Ambient Air Particulate Matter Sampling	Background Location	1/13/05	Air	Berkshire Environmental	Particulate Matter	2/2/05

TABLE 5-2
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JANUARY 2005

PARTICULATE AMBIENT AIR CONCENTRATIONS
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
01/03/05	North of OPCAs	0.082	0.029*	8:45[1]	Calm
	Pittsfield Generating Co.	0.025*		8:45[1]	
	Southeast of OPCAs	0.069		8:45[1]	
	Southwest of OPCAs	0.021*		8:45[1]	
	West of OPCAs	0.052		8:45[1]	
01/04/05 - 01/07/05[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
01/10/05[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
01/11/05	North of OPCAs	0.011	NA[3]	8:30[1]	Calm
	Pittsfield Generating Co.	0.012*		8:30[1]	
	Southeast of OPCAs	0.013		8:30[1]	
	Southwest of OPCAs	0.003*		8:30[1]	
	West of OPCAs	0.005		8:30[1]	
01/12/05[4]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
01/13/05	North of OPCAs	0.077[5]	0.027*	9:45[5]	Calm
	Pittsfield Generating Co.	0.024*		11:00	
	Southeast of OPCAs	0.074[5]		9:45[5]	
	Southwest of OPCAs	0.027*		11:00	
	West of OPCAs	0.054[5]		9:45[5]	
01/14/05[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
01/17/05 - 01/21/05[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
01/24/05 - 01/28/05[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				

TABLE 5-2
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING JANUARY 2005

PARTICULATE AMBIENT AIR CONCENTRATIONS
HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
01/31/05[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
Notification Level		0.120			

Notes:
NA - Not Available.
* Measured with DR-2000. All others measured with pDR-1000.
Background monitoring location inside GE Gate 31 on the corner of Woodlawn Avenue and Tyler Street.
[1] Sampling period was shortened due to precipitation/threat of precipitation.
[2] Sampling was not performed due to lack of site activity.
[3] Sampling data are not available due to equipment failure.
[4] Sampling was not performed due to precipitation/threat of precipitation.
[5] Evening data discounted due to extreme fog conditions.

TABLE 5-3
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Month / Year	Total Volume of Leachate Transferred (Gallons)
January 2004	35,000
February 2004	30,000
March 2004	98,000
April 2004	107,000
May 2004	164,500
June 2004	147,500
July 2004	171,000
August 2004	214,000
September 2004	230,000
October 2004	177,000
November 2004	138,000
December 2004	146,000
January 2005	136,000

Leachate is transferred from the Building 71 On-Plant Consolidation Area to Building 64G for treatment.

ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GECD160)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Continued pre-design investigation sampling activities.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted *Final Notification of On-Plant Excavations* covering the following excavations (January 5, 2005). A copy of this letter report is provided in Attachment E.

- Minor excavation to install gate posts in the lower General Dynamics Parking Lot;
- Major excavation for the installation of a new utility line associated with the new temporary boilers in the lower General Dynamics Parking Lots; and
- Minor excavation to install a gate and fence in the lower General Dynamics Parking Lot.

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Complete pre-design investigation soil sampling activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9--F18	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9--F18	1/20/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9--F18	1/20/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9--F18	1/20/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-B18	1/21/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-B18	1/21/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-B18	1/21/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-B18	1/21/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-B18	1/21/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-C16	1/20/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-C16	1/20/05	1-6	Soil	SGS	PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-DUP-10 (RAA9-K5)	1/11/05	6-15	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-DUP-11 (RAA9-L9)	1/13/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-DUP-12 (RAA9-H6)	1/14/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-DUP-13 (RAA9-L17)	1/19/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-DUP-14 (RAA9-L17)	1/19/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-DUP-15 (RAA9-L13)	1/21/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-DUP-16 (RAA9-K12E)	1/25/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-DUP-17 (RAA9-L19)	1/26/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-DUP-18 (RAA9-I12)	1/28/05	6-15	Soil	SGS	PCB, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-DUP-4 (RAA9-G3)	1/5/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-DUP-5 (RAA9-G3)	1/5/05	4-6	Soil	SGS	VOC	1/31/05
Pre-Design Soil Sampling	RAA9-DUP-6 (RAA9-M5)	1/6/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-DUP-7 (RAA9-M5)	1/6/05	12-14	Soil	SGS	VOC	1/27/05
Pre-Design Soil Sampling	RAA9-DUP-8 (RAA9-M9)	1/7/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-DUP-9 (RAA9-H7)	1/10/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-E7	1/5/05	1-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-E7	1/5/05	6-15	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-E7	1/5/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-F15	1/28/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F15	1/28/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F15	1/28/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F16	1/28/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F16	1/28/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F16	1/28/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-F20	1/20/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F20	1/20/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-F20	1/20/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-F6	1/4/05	1-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-F6	1/4/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-F6	1/4/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/26/05
Pre-Design Soil Sampling	RAA9-F7	1/5/05	0-1	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-F7	1/5/05	6-15	Soil	SGS	PCB	1/31/05

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9-F7	1/5/05	1-6	Soil	SGS	PCB, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-G14	1/28/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-G14	1/28/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-G14	1/28/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-G14	1/28/05	12-13	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-G17	1/25/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-G17	1/25/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-G17	1/25/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-G18	1/20/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-G18	1/20/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-G20	1/25/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-G20	1/25/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-G20	1/25/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-G20	1/25/05	14-15	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-G3	1/5/05	6-15	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-G3	1/5/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-G3	1/5/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-G3	1/5/05	4-6	Soil	SGS	VOC	1/31/05
Pre-Design Soil Sampling	RAA9-G4	1/5/05	1-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-G4	1/5/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-G4	1/5/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-G4	1/5/05	10-12	Soil	SGS	VOC	1/31/05
Pre-Design Soil Sampling	RAA9-G7	1/10/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-G7	1/10/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-G7	1/10/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-H16	1/27/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H16	1/27/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H16	1/27/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H16	1/27/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-H17	1/27/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H17	1/27/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H17	1/27/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H17	1/27/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-H18	1/27/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H18	1/27/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H18	1/27/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H18	1/27/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-H19	1/25/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H19	1/25/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H19	1/25/05	6-15	Soil	SGS	PCB, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H2	1/5/05	1-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-H2	1/5/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-H2	1/5/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/31/05

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HILL 78 AREA-REMAINDER
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Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9-H2	1/5/05	8-10	Soil	SGS	VOC	1/31/05
Pre-Design Soil Sampling	RAA9-H5	1/5/05	1-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Sampling	RAA9-H5	1/5/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-H5	1/5/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/31/05
Pre-Design Soil Sampling	RAA9-H5	1/5/05	6-8	Soil	SGS	VOC	1/31/05
Pre-Design Soil Sampling	RAA9-H6	1/14/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H6	1/14/05	6-10	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-H6	1/14/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-H6	1/14/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-H7	1/10/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-H7	1/10/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-H7	1/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-H7	1/10/05	10-12	Soil	SGS	VOC	1/27/05
Pre-Design Soil Sampling	RAA9-I11	1/14/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I12	1/28/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-I12	1/28/05	14-15	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-I14	1/27/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I14	1/27/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I14	1/27/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-I14	1/27/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-I15	1/27/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I15	1/27/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I15	1/27/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I18	1/25/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I18	1/25/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I2	1/4/05	0-1	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-I2	1/4/05	1-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-I2	1/4/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-I7	1/24/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I9	1/14/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-I9	1/14/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J10	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J10	1/12/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J10	1/12/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J10	1/12/05	6-8	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-J11	1/21/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J11	1/21/05	1-6	Soil	SGS	PCB, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J11	1/21/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J14	1/28/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J14	1/28/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J14	1/28/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J14	1/28/05	14-15	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-J17	1/19/05	6-15	Soil	SGS	PCB	

TABLE 6-1
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GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9-J17	1/19/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J17	1/19/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J17	1/19/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-J18	1/25/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J5	1/24/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J5	1/24/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J5	1/24/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-J6	1/17/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-J7	1/10/05	6-15	Soil	SGS	PCB, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-J7	1/10/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-J8	1/10/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-J8	1/10/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-J8	1/10/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-J8	1/10/05	10-12	Soil	SGS	VOC	1/27/05
Pre-Design Soil Sampling	RAA9-J9	1/12/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J9	1/12/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-J9	1/12/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-K10	1/19/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-K10	1/19/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-K10	1/19/05	2-4	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-K10	1/19/05	6-8	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-K11	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K11	1/13/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K11	1/13/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K12E	1/25/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-K17	1/19/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K17	1/19/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K17	1/19/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K3	1/4/05	0-1	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-K3	1/4/05	1-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-K4	1/11/05	6-8	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-K5	1/11/05	0-1	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-K5	1/11/05	6-15	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-K5	1/11/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/28/05
Pre-Design Soil Sampling	RAA9-K5	1/11/05	4-6	Soil	SGS	VOC	1/28/05
Pre-Design Soil Sampling	RAA9-K6	1/11/05	1-6	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-K6	1/11/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/28/05
Pre-Design Soil Sampling	RAA9-K6	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/28/05
Pre-Design Soil Sampling	RAA9-K6	1/11/05	13-15	Soil	SGS	VOC	1/28/05
Pre-Design Soil Sampling	RAA9-K7	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K7	1/12/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K7	1/12/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K8	1/12/05	6-15	Soil	SGS	PCB	

TABLE 6-1
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Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9-K8	1/12/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-K8	1/12/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-K8	1/12/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-K9	1/18/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K9	1/18/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K9	1/18/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-K9.5	1/18/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-KL10.5	1/18/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L10	1/18/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L10	1/18/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L10	1/18/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L10	1/18/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-L10	1/18/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-L10.5	1/18/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L11	1/19/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L11	1/19/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L11	1/19/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L12	1/21/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L12	1/21/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L12	1/21/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L12	1/21/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-L13	1/21/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L13	1/21/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L13	1/21/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L15	1/25/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L17	1/19/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L17	1/19/05	6-15	Soil	SGS	PCB, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L17	1/19/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L17	1/19/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-L18	1/26/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L18	1/26/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L18	1/26/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L19	1/26/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L19	1/26/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L19	1/26/05	6-15	Soil	SGS	PCB, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L20	1/26/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L20	1/26/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L20	1/26/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L20	1/26/05	1-3	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-L21	1/26/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L21	1/26/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L21	1/26/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L4	1/11/05	1-6	Soil	SGS	PCB	1/28/05

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Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9-L4	1/11/05	6-15	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-L4	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/28/05
Pre-Design Soil Sampling	RAA9-L5	1/11/05	1-6	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-L5	1/11/05	6-15	Soil	SGS	PCB	1/28/05
Pre-Design Soil Sampling	RAA9-L5	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/28/05
Pre-Design Soil Sampling	RAA9-L6	1/17/05	0-1	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-L6	1/17/05	1-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-L6	1/17/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-L7	1/13/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L7	1/13/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L7	1/13/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L8	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L8	1/13/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L8	1/13/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-L8	1/13/05	6-8	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-L9	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L9	1/13/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L9	1/13/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-L9.5	1/18/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-LM10	1/18/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-LM10.5	1/18/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-LM10.5	1/18/05	1-6	Soil	SGS	PCB	
Pre-Design Soil Sampling	RAA9-LM10.5	1/18/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Sampling	RAA9-LM10.5	1/18/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Sampling	RAA9-M4	1/4/05	0-1	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-M4	1/4/05	1-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-M4	1/4/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Sampling	RAA9-M5	1/6/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M5	1/6/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-M5	1/6/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-M5	1/6/05	12-14	Soil	SGS	VOC	1/27/05
Pre-Design Soil Sampling	RAA9-M6	1/6/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M6	1/6/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M6	1/6/05	6-10	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M7	1/6/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M7	1/6/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M7	1/6/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M8	1/6/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M8	1/6/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M8	1/6/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-M9	1/7/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-M9	1/7/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-M9	1/7/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/05

TABLE 6-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HILL 78 AREA-REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Sampling	RAA9-M9	1/7/05	4-6	Soil	SGS	VOC	1/27/05
Pre-Design Soil Sampling	RAA9-N5	1/7/05	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-N5	1/7/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	1/27/05
Pre-Design Soil Sampling	RAA9-N5	1/7/05	4-6	Soil	SGS	VOC	1/27/05
Pre-Design Soil Sampling	RAA9-N6	1/7/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-N6	1/7/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-N6	1/7/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-N7	1/7/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-N7	1/7/05	1-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Sampling	RAA9-N7	1/7/05	6-15	Soil	SGS	PCB, PCDD/PCDF	1/27/05

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 6-2
PCB DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA9-E7	0-1	1/5/2005	ND(0.040)	ND(0.040)	0.14	0.54	0.68
	1-6	1/5/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/5/2005	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
RAA9-F6	0-1	1/4/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.75	0.75
	1-6	1/4/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/4/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA9-F7	0-1	1/5/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.47	0.47
	1-6	1/5/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	1/5/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA9-G3	0-1	1/5/2005	ND(0.045)	ND(0.045)	0.033 J	0.092	0.125
	1-6	1/5/2005	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]
	6-15	1/5/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA9-G4	0-1	1/5/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	1/5/2005	ND(0.036)	ND(0.036)	0.016 J	0.042	0.058
	6-15	1/5/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA9-G7	0-1	1/10/2005	ND(1.9)	ND(1.9)	ND(1.9)	28	28
	1-6	1/10/2005	ND(0.039)	ND(0.039)	ND(0.039)	0.53	0.53
	6-15	1/10/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA9-H2	0-1	1/5/2005	ND(0.038)	ND(0.038)	ND(0.038)	0.041	0.041
	1-6	1/5/2005	ND(0.039)	ND(0.039)	ND(0.039)	1.3	1.3
	6-15	1/5/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA9-H5	0-1	1/5/2005	ND(0.038)	ND(0.038)	0.022 J	0.090	0.112
	1-6	1/5/2005	ND(0.036)	ND(0.036)	0.24	0.28	0.52
	6-15	1/5/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA9-H7	0-1	1/10/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	1/10/2005	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
	6-15	1/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA9-I2	0-1	1/4/2005	ND(0.039)	ND(0.039)	0.56	0.46	1.02
	1-6	1/4/2005	ND(0.039)	ND(0.039)	0.14	0.13	0.27
	6-15	1/4/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA9-J6	6-15	1/17/2005	ND(0.037)	ND(0.037)	0.077	0.14	0.217
RAA9-J7	6-15	1/10/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA9-J8	0-1	1/10/2005	ND(0.037)	ND(0.037)	0.15	0.41	0.56
	1-6	1/10/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	1/10/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA9-K3	0-1	1/4/2005	ND(0.18)	ND(0.18)	2.2	5.1	7.3
	1-6	1/4/2005	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA9-K4	6-8	1/11/2005	ND(0.36)	ND(0.36)	8.1	2.8	10.9
RAA9-K5	0-1	1/11/2005	ND(0.78)	ND(0.78)	15	24	39
	1-6	1/11/2005	ND(0.037)	ND(0.037)	0.82	0.47	1.29
	6-15	1/11/2005	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	0.76 [0.70]	0.33 [0.32]	1.09 [1.02]
RAA9-K6	0-1	1/11/2005	ND(0.77)	ND(0.77)	13	20	33
	1-6	1/11/2005	ND(0.74)	ND(0.74)	9.4	24	33.4
	6-15	1/11/2005	ND(0.038)	ND(0.038)	0.37	ND(0.038)	0.37
RAA9-L4	0-1	1/11/2005	ND(1.9)	ND(1.9)	34	ND(1.9)	34
	1-6	1/11/2005	ND(0.037)	ND(0.037)	0.14	ND(0.037)	0.14
	6-15	1/11/2005	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA9-L5	0-1	1/11/2005	ND(0.037)	ND(0.037)	0.89	1.8	2.69
	1-6	1/11/2005	ND(0.37)	2.1	6.9	4.2	13.2
	6-15	1/11/2005	ND(0.19)	ND(0.19)	1.6	3.4	5.0
RAA9-L6	0-1	1/17/2005	ND(0.040)	ND(0.040)	1.9	1.8	3.7
	1-6	1/17/2005	ND(0.19)	ND(0.19)	4.1	3.4	7.5
	6-15	1/17/2005	ND(0.19)	ND(0.19)	2.5	2.1	4.6
RAA9-M4	0-1	1/4/2005	ND(0.040)	ND(0.040)	0.49	0.76	1.25
	1-6	1/4/2005	ND(0.040)	ND(0.040)	0.093	0.14	0.233
	6-15	1/4/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA9-M5	0-1	1/6/2005	ND(0.046)	ND(0.046)	ND(0.046)	0.63	0.63
	1-6	1/6/2005	ND(1.9)	ND(1.9)	ND(1.9)	65	65
	6-15	1/6/2005	ND(0.20) [ND(0.40)]	ND(0.20) [ND(0.40)]	0.65 [1.1]	1.8 [3.5]	2.45 [4.6]
RAA9-M6	0-1	1/6/2005	ND(0.74)	ND(0.74)	ND(0.74)	11	11
	1-6	1/6/2005	ND(0.039)	ND(0.039)	0.25	0.20	0.45
	6-10	1/6/2005	ND(0.040)	ND(0.040)	0.59	0.80	1.39

TABLE 6-2
PCB DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA9-M7	0-1	1/6/2005	ND(0.23)	ND(0.23)	1.1	3.4	4.5
	1-6	1/6/2005	ND(0.039)	ND(0.039)	0.064	0.13	0.194
	6-15	1/6/2005	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA9-M8	0-1	1/6/2005	ND(0.042)	ND(0.042)	0.10	0.19	0.29
	1-6	1/6/2005	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/6/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA9-M9	0-1	1/7/2005	ND(0.036)	ND(0.036)	ND(0.036)	0.035 J	0.035 J
	1-6	1/7/2005	ND(0.037)	ND(0.037)	0.20	0.27	0.47
	6-15	1/7/2005	ND(0.048) [ND(0.039)]	ND(0.048) [ND(0.039)]	ND(0.048) [ND(0.039)]	ND(0.048) [ND(0.039)]	ND(0.048) [ND(0.039)]
RAA9-N5	0-1	1/7/2005	ND(0.038)	ND(0.038)	0.28	0.58	0.86
	1-6	1/7/2005	ND(2.3)	ND(2.3)	ND(2.3)	36	36
RAA9-N6	0-1	1/7/2005	ND(0.038)	ND(0.038)	0.56	1.4	1.96
	1-6	1/7/2005	ND(0.037)	ND(0.037)	0.70	0.90	1.6
	6-15	1/7/2005	ND(0.064)	ND(0.064)	3.0	2.1	5.1
RAA9-N7	0-1	1/7/2005	ND(0.038)	ND(0.038)	0.16	0.22	0.38
	1-6	1/7/2005	ND(0.038)	ND(0.038)	0.94	1.4	2.34
	6-15	1/7/2005	ND(0.037)	ND(0.037)	ND(0.037)	0.024 J	0.024 J

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of
2. PCBs.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
   Field duplicate sample results are presented in brackets.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA9-E7 0-1 01/05/05	RAA9-F6 0-1 01/04/05	RAA9-F7 1-6 01/05/05	RAA9-G3 0-1 01/05/05
Volatile Organics				
1,1,2,2-Tetrachloroethane	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
2-Butanone	ND(0.012)	ND(0.012)	NA	ND(0.013)
Acetone	ND(0.024)	ND(0.024)	NA	0.011 J
Benzene	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Ethylbenzene	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Methylene Chloride	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Styrene	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Tetrachloroethene	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Toluene	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Trichloroethene	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Xylenes (total)	ND(0.0060)	ND(0.0059)	NA	ND(0.0067)
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.39)	NA	ND(0.45)
2,4-Dimethylphenol	ND(0.40)	ND(0.39)	NA	ND(0.45)
2-Methylnaphthalene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Acenaphthene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Acenaphthylene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Aniline	ND(0.40)	ND(0.39)	NA	ND(0.45)
Anthracene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Benzo(a)anthracene	ND(0.40)	ND(0.39)	NA	0.092 J
Benzo(a)pyrene	ND(0.40)	ND(0.39)	NA	0.097 J
Benzo(b)fluoranthene	ND(0.40)	ND(0.39)	NA	0.074 J
Benzo(g,h,i)perylene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Benzo(k)fluoranthene	ND(0.40)	ND(0.39)	NA	0.12 J
bis(2-Ethylhexyl)phthalate	ND(0.39)	ND(0.39)	NA	ND(0.44)
Chrysene	ND(0.40)	ND(0.39)	NA	0.14 J
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Dibenzofuran	ND(0.40)	ND(0.39)	NA	ND(0.45)
Di-n-Butylphthalate	ND(0.40)	ND(0.39)	NA	ND(0.45)
Fluoranthene	ND(0.40)	ND(0.39)	NA	0.22 J
Fluorene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Naphthalene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Pentachlorobenzene	ND(0.40)	ND(0.39)	NA	ND(0.45)
Phenanthrene	ND(0.40)	ND(0.39)	NA	0.12 J
Phenol	ND(0.40)	ND(0.39)	NA	ND(0.45)
Pyrene	ND(0.40)	ND(0.39)	NA	0.25 J
Furans				
2,3,7,8-TCDF	0.000019 Y	0.0000048 Y	ND(0.00000052)	0.000022 Y
TCDFs (total)	0.00012	0.000011	ND(0.00000052)	0.00019
1,2,3,7,8-PeCDF	0.0000063	ND(0.0000020)	ND(0.00000083)	0.0000082
2,3,4,7,8-PeCDF	0.000012	0.0000035 J	ND(0.00000080)	0.0000097
PeCDFs (total)	0.000054	0.000013	ND(0.00000083)	0.000095
1,2,3,4,7,8-HxCDF	0.0000048 J	0.0000037 J	ND(0.00000070)	0.0000056 J
1,2,3,6,7,8-HxCDF	0.0000035 J	ND(0.0000016)	ND(0.00000067)	0.0000044 J
1,2,3,7,8,9-HxCDF	ND(0.00000060)	ND(0.0000017)	ND(0.00000084)	ND(0.00000059)
2,3,4,6,7,8-HxCDF	0.0000033 J	ND(0.0000021)	ND(0.00000074)	0.0000046 J
HxCDFs (total)	0.000024	0.000019	ND(0.00000084)	0.000065
1,2,3,4,6,7,8-HpCDF	0.0000068	0.0000058	ND(0.0000017)	0.000019
1,2,3,4,7,8,9-HpCDF	ND(0.00000099)	ND(0.0000020)	ND(0.0000011)	ND(0.0000022)
HpCDFs (total)	0.0000068	0.000010	ND(0.0000017)	0.000038
OCDF	0.0000073 JB	0.0000082 J	0.000011 JB	0.000032 B

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-E7 0-1 01/05/05	RAA9-F6 0-1 01/04/05	RAA9-F7 1-6 01/05/05	RAA9-G3 0-1 01/05/05
Dioxins					
2,3,7,8-TCDD		ND(0.00000079)	ND(0.0000010)	ND(0.00000069)	ND(0.00000070)
TCDDs (total)		ND(0.00000079)	ND(0.0000010)	ND(0.00000069)	0.0000037
1,2,3,7,8-PeCDD		ND(0.0000013)	ND(0.0000031)	ND(0.0000012)	ND(0.0000013)
PeCDDs (total)		ND(0.0000019)	ND(0.0000031)	ND(0.0000012)	ND(0.0000030)
1,2,3,4,7,8-HxCDD		ND(0.00000082)	ND(0.0000026)	ND(0.0000017)	ND(0.00000085)
1,2,3,6,7,8-HxCDD		ND(0.00000074)	ND(0.0000023)	ND(0.0000015)	ND(0.0000014)
1,2,3,7,8,9-HxCDD		ND(0.00000075)	ND(0.0000024)	ND(0.0000015)	ND(0.0000018)
HxCDDs (total)		ND(0.0000012)	ND(0.0000026)	ND(0.0000017)	0.0000095
1,2,3,4,6,7,8-HpCDD		0.0000032 J	0.0000055 J	ND(0.0000020)	0.000029
HpCDDs (total)		0.0000032	0.000011	ND(0.0000020)	0.000064
OCDD		0.000015	0.000032	ND(0.0000019)	0.00023
Total TEQs (WHO TEFs)		0.000011	0.0000055	0.0000016	0.000011
Inorganics					
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		6.10	5.10	NA	6.90
Barium		40.0	33.0	NA	40.0
Beryllium		0.320 B	0.320 B	NA	0.280 B
Cadmium		0.980	0.960	NA	1.10
Chromium		10.0	11.0	NA	12.0
Cobalt		9.90	11.0	NA	7.40
Copper		19.0	25.0	NA	25.0
Cyanide		0.190	ND(0.240)	NA	1.00
Lead		15.0	10.0	NA	84.0
Mercury		0.0410 B	ND(0.120)	NA	1.10
Nickel		15.0	22.0	NA	14.0
Selenium		0.820 B	ND(1.00)	NA	ND(1.00)
Silver		ND(1.00)	ND(1.00)	NA	33.0
Sulfide		9.60	9.40	NA	13.0
Thallium		6.20	3.50	NA	3.10
Tin		ND(10.0)	3.20 B	NA	11.0
Vanadium		11.0	11.0	NA	12.0
Zinc		64.0	64.0	NA	200

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected: RAA9-G3 1-6 01/05/05	RAA9-G3 4-6 01/05/05	RAA9-G4 0-1 01/05/05
Volatile Organics			
1,1,2,2-Tetrachloroethane	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
2-Butanone	NA	ND(0.011) [ND(0.011)]	ND(0.012)
Acetone	NA	ND(0.023) [ND(0.022)]	0.17
Benzene	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Ethylbenzene	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Methylene Chloride	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Styrene	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Tetrachloroethene	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Toluene	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Trichloroethene	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Xylenes (total)	NA	ND(0.0057) [ND(0.0056)]	ND(0.0058)
Semivolatile Organics			
1,2,4-Trichlorobenzene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
2,4-Dimethylphenol	ND(0.39) [ND(0.39)]	NA	ND(0.39)
2-Methylnaphthalene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Acenaphthene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Acenaphthylene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Aniline	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Anthracene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Benzo(a)anthracene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Benzo(a)pyrene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Benzo(b)fluoranthene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Benzo(g,h,i)perylene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Benzo(k)fluoranthene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.38) [ND(0.39)]	NA	ND(0.38)
Chrysene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Dibenzofuran	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Di-n-Butylphthalate	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Fluoranthene	ND(0.39) [ND(0.39)]	NA	0.053 J
Fluorene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Naphthalene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Pentachlorobenzene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Phenanthrene	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Phenol	ND(0.39) [ND(0.39)]	NA	ND(0.39)
Pyrene	ND(0.39) [ND(0.39)]	NA	0.057 J
Furans			
2,3,7,8-TCDF	ND(0.00000050) Y [ND(0.00000048) Y]	NA	0.0000075 Y
TCDFs (total)	ND(0.00000050) [ND(0.00000048)]	NA	0.000078
1,2,3,7,8-PeCDF	ND(0.00000080) [ND(0.00000086)]	NA	0.0000032 J
2,3,4,7,8-PeCDF	ND(0.00000077) [ND(0.00000084)]	NA	ND(0.0000026)
PeCDFs (total)	ND(0.00000080) [ND(0.00000086)]	NA	0.000026
1,2,3,4,7,8-HxCDF	ND(0.00000057) [ND(0.00000043)]	NA	ND(0.0000029)
1,2,3,6,7,8-HxCDF	ND(0.00000040) [ND(0.00000041)]	NA	ND(0.0000016)
1,2,3,7,8,9-HxCDF	ND(0.00000050) [ND(0.00000051)]	NA	ND(0.0000012)
2,3,4,6,7,8-HxCDF	ND(0.00000043) [ND(0.00000044)]	NA	ND(0.0000021)
HxCDFs (total)	ND(0.00000057) [ND(0.00000051)]	NA	0.000015
1,2,3,4,6,7,8-HpCDF	ND(0.00000076) [ND(0.00000062)]	NA	0.0000041 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000057) [ND(0.00000058)]	NA	ND(0.0000014)
HpCDFs (total)	ND(0.00000076) [ND(0.00000062)]	NA	0.0000074
OCDF	ND(0.0000045) [ND(0.0000019)]	NA	ND(0.0000042)

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-G3 / 1-6 / 01/05/05	RAA9-G3 / 4-6 / 01/05/05	RAA9-G4 / 0-1 / 01/05/05
Dioxins				
2,3,7,8-TCDD		ND(0.00000065) [ND(0.00000076)]	NA	ND(0.00000079)
TCDDs (total)		ND(0.00000065) [ND(0.00000076)]	NA	ND(0.00000079)
1,2,3,7,8-PeCDD		ND(0.0000013) [ND(0.0000013)]	NA	ND(0.0000017)
PeCDDs (total)		ND(0.0000023) [ND(0.0000013)]	NA	ND(0.0000017)
1,2,3,4,7,8-HxCDD		ND(0.00000070) [ND(0.00000074)]	NA	ND(0.0000013)
1,2,3,6,7,8-HxCDD		ND(0.00000063) [ND(0.00000067)]	NA	ND(0.0000011)
1,2,3,7,8,9-HxCDD		ND(0.00000064) [ND(0.00000069)]	NA	ND(0.0000012)
HxCDDs (total)		ND(0.00000073) [ND(0.00000078)]	NA	ND(0.0000014)
1,2,3,4,6,7,8-HpCDD		ND(0.00000097) [ND(0.00000087)]	NA	0.0000054 J
HpCDDs (total)		ND(0.00000097) [ND(0.00000087)]	NA	0.000011
OCDD		ND(0.0000043) [ND(0.0000036)]	NA	0.000031
Total TEQs (WHO TEFs)		0.0000014 [0.0000015]	NA	0.0000035
Inorganics				
Antimony		ND(6.00) [0.840 B]	NA	ND(6.00)
Arsenic		3.50 [4.90]	NA	6.70
Barium		20.0 B [29.0]	NA	37.0
Beryllium		0.300 B [0.330 B]	NA	0.260 B
Cadmium		0.870 [1.10]	NA	0.990
Chromium		9.70 [11.0]	NA	9.00
Cobalt		8.60 [7.90]	NA	11.0
Copper		12.0 [15.0]	NA	22.0
Cyanide		0.0600 B [0.0880 B]	NA	0.170
Lead		11.0 [24.0]	NA	26.0
Mercury		0.150 [0.190]	NA	0.0380 B
Nickel		15.0 [16.0]	NA	19.0
Selenium		ND(1.00) [0.770 B]	NA	ND(1.00)
Silver		9.00 [12.0]	NA	ND(1.00)
Sulfide		11.0 [5.60 B]	NA	5.60 B
Thallium		4.70 [5.70]	NA	5.40
Tin		ND(10.0) [3.00 B]	NA	ND(10.0)
Vanadium		9.70 [12.0]	NA	11.0
Zinc		120 [190]	NA	68.0

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA9-G4 6-15 01/05/05	RAA9-G4 10-12 01/05/05	RAA9-H2 0-1 01/05/05	RAA9-H2 6-15 01/05/05	RAA9-H2 8-10 01/05/05
Volatile Organics					
1,1,2,2-Tetrachloroethane	NA	ND(0.0058)	0.15	NA	ND(0.0060)
2-Butanone	NA	ND(0.012)	ND(0.14)	NA	ND(0.012)
Acetone	NA	ND(0.023)	ND(0.14)	NA	ND(0.024)
Benzene	NA	ND(0.0058)	0.068 J	NA	ND(0.0060)
Ethylbenzene	NA	ND(0.0058)	0.056 J	NA	ND(0.0060)
Methylene Chloride	NA	ND(0.0058)	ND(0.14)	NA	ND(0.0060)
Styrene	NA	ND(0.0058)	0.38	NA	ND(0.0060)
Tetrachloroethene	NA	ND(0.0058)	ND(0.14)	NA	ND(0.0060)
Toluene	NA	ND(0.0058)	0.15	NA	ND(0.0060)
Trichloroethene	NA	ND(0.0058)	ND(0.14)	NA	ND(0.0060)
Xylenes (total)	NA	ND(0.0058)	0.48	NA	ND(0.0060)
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(3.8)	ND(0.39)	NA
2,4-Dimethylphenol	ND(0.37)	NA	ND(3.8)	ND(0.39)	NA
2-Methylnaphthalene	ND(0.37)	NA	17	ND(0.39)	NA
Acenaphthene	ND(0.37)	NA	9.1	ND(0.39)	NA
Acenaphthylene	ND(0.37)	NA	36	ND(0.39)	NA
Aniline	ND(0.37)	NA	ND(3.8)	ND(0.39)	NA
Anthracene	ND(0.37)	NA	36	ND(0.39)	NA
Benzo(a)anthracene	ND(0.37)	NA	70	ND(0.39)	NA
Benzo(a)pyrene	ND(0.37)	NA	54	ND(0.39)	NA
Benzo(b)fluoranthene	ND(0.37)	NA	37	ND(0.39)	NA
Benzo(g,h,i)perylene	ND(0.37)	NA	27	ND(0.39)	NA
Benzo(k)fluoranthene	ND(0.37)	NA	49	ND(0.39)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(1.9)	ND(0.38)	NA
Chrysene	ND(0.37)	NA	72	ND(0.39)	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	7.1	ND(0.39)	NA
Dibenzofuran	ND(0.37)	NA	10	ND(0.39)	NA
Di-n-Butylphthalate	ND(0.37)	NA	ND(3.8)	ND(0.39)	NA
Fluoranthene	ND(0.37)	NA	180	0.041 J	NA
Fluorene	ND(0.37)	NA	34	ND(0.39)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	24	ND(0.39)	NA
Naphthalene	ND(0.37)	NA	12	ND(0.39)	NA
Pentachlorobenzene	ND(0.37)	NA	ND(3.8)	ND(0.39)	NA
Phenanthrene	ND(0.37)	NA	180	ND(0.39)	NA
Phenol	ND(0.37)	NA	ND(3.8)	ND(0.39)	NA
Pyrene	ND(0.37)	NA	190	0.054 J	NA
Furans					
2,3,7,8-TCDF	ND(0.0000010)	NA	0.0000076 Y	ND(0.00000073)	NA
TCDFs (total)	ND(0.0000010)	NA	0.000024	ND(0.00000073)	NA
1,2,3,7,8-PeCDF	ND(0.0000010)	NA	ND(0.0000031)	ND(0.0000011)	NA
2,3,4,7,8-PeCDF	ND(0.00000099)	NA	ND(0.0000030)	ND(0.0000011)	NA
PeCDFs (total)	ND(0.0000010)	NA	0.000028	ND(0.0000011)	NA
1,2,3,4,7,8-HxCDF	ND(0.0000018)	NA	ND(0.0000023)	ND(0.0000012)	NA
1,2,3,6,7,8-HxCDF	ND(0.0000017)	NA	ND(0.0000013)	ND(0.0000011)	NA
1,2,3,7,8,9-HxCDF	ND(0.0000021)	NA	ND(0.0000010)	ND(0.0000014)	NA
2,3,4,6,7,8-HxCDF	ND(0.0000018)	NA	ND(0.0000010)	ND(0.0000012)	NA
HxCDFs (total)	ND(0.0000082)	NA	0.000017	ND(0.0000014)	NA
1,2,3,4,6,7,8-HpCDF	0.000010	NA	0.0000035 J	ND(0.0000011)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000017)	NA	ND(0.0000010)	ND(0.0000013)	NA
HpCDFs (total)	0.000010	NA	0.0000072	ND(0.0000013)	NA
OCDF	ND(0.0000012)	NA	ND(0.0000047)	ND(0.0000019)	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-G4 6-15 01/05/05	RAA9-G4 10-12 01/05/05	RAA9-H2 0-1 01/05/05	RAA9-H2 6-15 01/05/05	RAA9-H2 8-10 01/05/05
Dioxins						
2,3,7,8-TCDD		ND(0.00000091)	NA	ND(0.0000029)	ND(0.0000010)	NA
TCDDs (total)		ND(0.00000091)	NA	ND(0.0000029)	ND(0.0000010)	NA
1,2,3,7,8-PeCDD		ND(0.0000019)	NA	ND(0.0000021)	ND(0.0000019)	NA
PeCDDs (total)		ND(0.0000019)	NA	ND(0.0000021)	ND(0.0000019)	NA
1,2,3,4,7,8-HxCDD		ND(0.0000021)	NA	ND(0.0000014)	ND(0.0000019)	NA
1,2,3,6,7,8-HxCDD		ND(0.0000019)	NA	ND(0.0000013)	ND(0.0000017)	NA
1,2,3,7,8,9-HxCDD		ND(0.0000019)	NA	ND(0.0000013)	ND(0.0000017)	NA
HxCDDs (total)		ND(0.0000021)	NA	ND(0.0000025)	ND(0.0000019)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.0000014)	NA	0.000011	ND(0.0000018)	NA
HpCDDs (total)		ND(0.0000014)	NA	0.000024	ND(0.0000018)	NA
OCDD		ND(0.0000025)	NA	0.000043	ND(0.0000027)	NA
Total TEQs (WHO TEFs)		0.0000025	NA	0.0000047	0.0000023	NA
Inorganics						
Antimony		1.30 B	NA	1.10 B	ND(6.00)	NA
Arsenic		4.80	NA	7.10	4.60	NA
Barium		36.0	NA	77.0	25.0	NA
Beryllium		0.260 B	NA	0.540	0.340 B	NA
Cadmium		0.920	NA	1.60	1.00	NA
Chromium		9.50	NA	8.50	17.0	NA
Cobalt		9.40	NA	10.0	8.60	NA
Copper		17.0	NA	18.0	24.0	NA
Cyanide		ND(0.560)	NA	0.0680 B	ND(0.230)	NA
Lead		7.60	NA	16.0	9.10	NA
Mercury		ND(0.110)	NA	0.0180 B	ND(0.120)	NA
Nickel		17.0	NA	16.0	16.0	NA
Selenium		0.540 B	NA	0.700 B	ND(1.00)	NA
Silver		ND(1.00)	NA	0.270 B	ND(1.00)	NA
Sulfide		5.40 B	NA	5.50 B	ND(5.80)	NA
Thallium		6.00	NA	6.30	5.30	NA
Tin		ND(10.0)	NA	ND(10.0)	ND(10.0)	NA
Vanadium		8.30	NA	12.0	7.10	NA
Zinc		55.0	NA	54.0	47.0	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA9-H5 0-1 01/05/05	RAA9-H5 6-8 01/05/05	RAA9-H5 6-15 01/05/05	RAA9-H7 0-1 01/10/05	RAA9-H7 6-15 01/10/05
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
2-Butanone	ND(0.011)	ND(0.011)	NA	ND(0.011)	NA
Acetone	ND(0.023)	ND(0.022)	NA	ND(0.022)	NA
Benzene	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Ethylbenzene	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Methylene Chloride	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Styrene	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Tetrachloroethene	ND(0.0057)	ND(0.0056)	NA	0.017	NA
Toluene	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Trichloroethene	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Xylenes (total)	ND(0.0057)	ND(0.0056)	NA	ND(0.0054)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
2,4-Dimethylphenol	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
2-Methylnaphthalene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Acenaphthene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Acenaphthylene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Aniline	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Anthracene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Benzo(a)anthracene	0.045 J	NA	ND(0.38)	ND(0.36)	ND(0.38)
Benzo(a)pyrene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Benzo(b)fluoranthene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Benzo(g,h,i)perylene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Benzo(k)fluoranthene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.37)	0.28 J	ND(0.37)
Chrysene	0.064 J	NA	ND(0.38)	ND(0.36)	ND(0.38)
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Dibenzofuran	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Di-n-Butylphthalate	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Fluoranthene	0.11 J	NA	ND(0.38)	ND(0.36)	ND(0.38)
Fluorene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Naphthalene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Pentachlorobenzene	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Phenanthrene	0.095 J	NA	ND(0.38)	ND(0.36)	ND(0.38)
Phenol	ND(0.38)	NA	ND(0.38)	ND(0.36)	ND(0.38)
Pyrene	0.12 J	NA	ND(0.38)	ND(0.36)	ND(0.38)
Furans					
2,3,7,8-TCDF	0.0000011 Y	NA	ND(0.00000036)	ND(0.00000053)	ND(0.00000069)
TCDFs (total)	0.0000062	NA	ND(0.00000036)	ND(0.00000055)	ND(0.00000069)
1,2,3,7,8-PeCDF	ND(0.00000056)	NA	ND(0.00000036)	ND(0.0000010)	ND(0.0000011)
2,3,4,7,8-PeCDF	ND(0.00000069)	NA	ND(0.00000036)	ND(0.00000099)	ND(0.0000011)
PeCDFs (total)	0.000010	NA	ND(0.00000044)	ND(0.0000012)	ND(0.0000011)
1,2,3,4,7,8-HxCDF	ND(0.00000094)	NA	ND(0.00000078)	ND(0.00000079)	ND(0.0000014)
1,2,3,6,7,8-HxCDF	ND(0.00000089)	NA	ND(0.00000074)	ND(0.00000074)	ND(0.0000013)
1,2,3,7,8,9-HxCDF	ND(0.0000010)	NA	ND(0.00000087)	ND(0.00000093)	ND(0.0000016)
2,3,4,6,7,8-HxCDF	ND(0.00000097)	NA	ND(0.00000081)	ND(0.00000081)	ND(0.0000014)
HxCDFs (total)	0.000012	NA	ND(0.00000087)	ND(0.0000013)	ND(0.0000016)
1,2,3,4,6,7,8-HpCDF	0.0000036 J	NA	ND(0.00000036)	ND(0.00000091)	ND(0.0000016)
1,2,3,4,7,8,9-HpCDF	ND(0.00000033)	NA	ND(0.00000041)	ND(0.0000011)	ND(0.0000019)
HpCDFs (total)	0.0000066	NA	ND(0.00000041)	ND(0.0000011)	ND(0.0000019)
OCDF	ND(0.0000030)	NA	ND(0.00000064)	ND(0.0000019)	ND(0.0000035)

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-H5 0-1 01/05/05	RAA9-H5 6-8 01/05/05	RAA9-H5 6-15 01/05/05	RAA9-H7 0-1 01/10/05	RAA9-H7 6-15 01/10/05
Dioxins						
2,3,7,8-TCDD		ND(0.00000031)	NA	ND(0.00000037)	ND(0.00000069)	ND(0.00000098)
TCDDs (total)		ND(0.00000031)	NA	ND(0.00000037)	ND(0.00000069)	ND(0.00000098)
1,2,3,7,8-PeCDD		ND(0.00000096)	NA	ND(0.00000070)	ND(0.0000016)	ND(0.0000018)
PeCDDs (total)		ND(0.00000096)	NA	ND(0.00000070)	ND(0.0000016)	ND(0.0000018)
1,2,3,4,7,8-HxCDD		ND(0.00000079)	NA	ND(0.00000073)	ND(0.0000012)	ND(0.0000022)
1,2,3,6,7,8-HxCDD		ND(0.00000069)	NA	ND(0.00000064)	ND(0.0000010)	ND(0.0000020)
1,2,3,7,8,9-HxCDD		ND(0.00000070)	NA	ND(0.00000065)	ND(0.0000011)	ND(0.0000020)
HxCDDs (total)		ND(0.00000079)	NA	ND(0.00000073)	ND(0.0000012)	ND(0.0000022)
1,2,3,4,6,7,8-HpCDD		0.0000042 J	NA	ND(0.00000050)	ND(0.0000014)	ND(0.0000029)
HpCDDs (total)		0.0000085	NA	ND(0.00000050)	ND(0.0000014)	ND(0.0000029)
OCDD		0.000027	NA	ND(0.0000028)	ND(0.0000045)	ND(0.0000041)
Total TEQs (WHO TEFs)		0.0000013	NA	0.00000092	0.0000018	0.0000024
Inorganics						
Antimony		0.980 B	NA	1.40 B	ND(6.00)	ND(6.00)
Arsenic		6.90	NA	6.00	2.00	6.00
Barium		50.0	NA	36.0	7.90 B	40.0
Beryllium		0.290 B	NA	0.260 B	0.110 B	0.360 B
Cadmium		1.30	NA	1.10	ND(0.500)	0.200 B
Chromium		9.40	NA	11.0	3.10	13.0
Cobalt		12.0	NA	11.0	2.80 B	11.0
Copper		22.0	NA	19.0	5.20	19.0
Cyanide		0.0720 B	NA	ND(0.220)	ND(0.220)	ND(0.570)
Lead		16.0	NA	9.20	3.80	8.40
Mercury		0.0240 B	NA	ND(0.110)	ND(0.110)	ND(0.110)
Nickel		21.0	NA	21.0	5.20	21.0
Selenium		0.590 B	NA	ND(1.00)	1.20	3.20
Silver		0.160 B	NA	ND(1.00)	ND(1.00)	1.40
Sulfide		74.0	NA	5.40 B	10.0	7.20
Thallium		5.20	NA	6.10	ND(1.10)	ND(1.10)
Tin		ND(10.0)	NA	ND(10.0)	3.60 B	3.50 B
Vanadium		9.20	NA	9.70	3.20 B	12.0
Zinc		77.0	NA	64.0	18.0	65.0

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID	Sample Depth (Feet) / Date Collected	RAA9-H7	RAA9-J7	RAA9-J7	RAA9-J8	RAA9-J8
		10-12	0-1	6-15	6-15	10-12
		01/10/05	01/10/05	01/10/05	01/10/05	01/10/05
Volatile Organics						
1,1,2,2-Tetrachloroethane		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
2-Butanone		ND(0.012)	ND(0.011)	NA	NA	0.0093 J
Acetone		ND(0.023)	ND(0.023)	NA	NA	0.050
Benzene		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Ethylbenzene		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Methylene Chloride		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Styrene		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Tetrachloroethene		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Toluene		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Trichloroethene		ND(0.0058)	0.0031 J	NA	NA	ND(0.0060)
Xylenes (total)		ND(0.0058)	ND(0.0056)	NA	NA	ND(0.0060)
Semivolatile Organics						
1,2,4-Trichlorobenzene		NA	0.11 J	NA	ND(0.38)	NA
2,4-Dimethylphenol		NA	0.092 J	NA	ND(0.38)	NA
2-Methylnaphthalene		NA	ND(0.38)	NA	ND(0.38)	NA
Acenaphthene		NA	0.063 J	NA	ND(0.38)	NA
Acenaphthylene		NA	0.091 J	NA	ND(0.38)	NA
Aniline		NA	0.27 J	NA	ND(0.38)	NA
Anthracene		NA	0.19 J	NA	ND(0.38)	NA
Benzo(a)anthracene		NA	0.58	NA	ND(0.38)	NA
Benzo(a)pyrene		NA	0.56	NA	ND(0.38)	NA
Benzo(b)fluoranthene		NA	0.56	NA	ND(0.38)	NA
Benzo(g,h,i)perylene		NA	0.26 J	NA	ND(0.38)	NA
Benzo(k)fluoranthene		NA	0.58	NA	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.37)	NA	0.50	NA
Chrysene		NA	0.65	NA	ND(0.38)	NA
Dibenzo(a,h)anthracene		NA	0.074 J	NA	ND(0.38)	NA
Dibenzofuran		NA	0.060 J	NA	ND(0.38)	NA
Di-n-Butylphthalate		NA	ND(0.38)	NA	ND(0.38)	NA
Fluoranthene		NA	1.1	NA	ND(0.38)	NA
Fluorene		NA	0.057 J	NA	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		NA	0.24 J	NA	ND(0.38)	NA
Naphthalene		NA	0.076 J	NA	ND(0.38)	NA
Pentachlorobenzene		NA	ND(0.38)	NA	ND(0.38)	NA
Phenanthrene		NA	0.78	NA	ND(0.38)	NA
Phenol		NA	ND(0.38)	NA	ND(0.38)	NA
Pyrene		NA	1.1	NA	ND(0.38)	NA
Furans						
2,3,7,8-TCDF		NA	0.00022 Y	ND(0.00000070)	ND(0.00000051) Y	NA
TCDFs (total)		NA	0.0026	0.00000082	0.0000053	NA
1,2,3,7,8-PeCDF		NA	0.000077	ND(0.0000012)	ND(0.0000013)	NA
2,3,4,7,8-PeCDF		NA	0.00015	ND(0.0000011)	ND(0.0000012)	NA
PeCDFs (total)		NA	0.0079	0.0000059	ND(0.0000013)	NA
1,2,3,4,7,8-HxCDF		NA	0.00030	ND(0.00000083)	ND(0.00000098)	NA
1,2,3,6,7,8-HxCDF		NA	0.00058 I	ND(0.00000079)	ND(0.00000092)	NA
1,2,3,7,8,9-HxCDF		NA	0.0000041 J	ND(0.00000098)	ND(0.0000011)	NA
2,3,4,6,7,8-HxCDF		NA	0.00054	ND(0.00000087)	ND(0.0000010)	NA
HxCDFs (total)		NA	0.015	ND(0.0000012)	ND(0.0000011)	NA
1,2,3,4,6,7,8-HpCDF		NA	0.0015	ND(0.0000011)	ND(0.0000011)	NA
1,2,3,4,7,8,9-HpCDF		NA	0.00018	ND(0.0000013)	ND(0.0000013)	NA
HpCDFs (total)		NA	0.0041	ND(0.0000013)	ND(0.0000013)	NA
OCDF		NA	0.00054	ND(0.0000022)	ND(0.0000022)	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-H7 10-12 01/10/05	RAA9-J7 0-1 01/10/05	RAA9-J7 6-15 01/10/05	RAA9-J8 6-15 01/10/05	RAA9-J8 10-12 01/10/05
Dioxins					
2,3,7,8-TCDD	NA	0.0000044	ND(0.00000085)	ND(0.00000082)	NA
TCDDs (total)	NA	0.000088	ND(0.00000085)	ND(0.00000082)	NA
1,2,3,7,8-PeCDD	NA	0.000038	ND(0.0000021)	ND(0.0000020)	NA
PeCDDs (total)	NA	0.00016	ND(0.0000021)	ND(0.0000020)	NA
1,2,3,4,7,8-HxCDD	NA	0.000035	ND(0.0000014)	ND(0.0000013)	NA
1,2,3,6,7,8-HxCDD	NA	0.000039	ND(0.0000012)	ND(0.0000012)	NA
1,2,3,7,8,9-HxCDD	NA	0.000026	ND(0.0000013)	ND(0.0000012)	NA
HxCDDs (total)	NA	0.00057	ND(0.0000014)	ND(0.0000013)	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00031	ND(0.0000017)	ND(0.0000018)	NA
HpCDDs (total)	NA	0.00078	ND(0.0000017)	ND(0.0000018)	NA
OCDD	NA	0.0029	ND(0.0000041)	ND(0.0000041)	NA
Total TEQs (WHO TEFs)	NA	0.00032	0.0000022	0.0000022	NA
Inorganics					
Antimony	NA	ND(6.00)	NA	ND(6.00)	NA
Arsenic	NA	8.00	NA	4.30	NA
Barium	NA	64.0	NA	24.0	NA
Beryllium	NA	0.260 B	NA	0.290 B	NA
Cadmium	NA	0.450 B	NA	ND(0.500)	NA
Chromium	NA	13.0	NA	9.00	NA
Cobalt	NA	11.0	NA	9.70	NA
Copper	NA	52.0	NA	15.0	NA
Cyanide	NA	0.140 B	NA	ND(0.110)	NA
Lead	NA	120	NA	7.00	NA
Mercury	NA	0.250	NA	ND(0.110)	NA
Nickel	NA	21.0	NA	17.0	NA
Selenium	NA	3.50	NA	3.00	NA
Silver	NA	0.340 B	NA	ND(1.00)	NA
Sulfide	NA	ND(5.60)	NA	7.20	NA
Thallium	NA	ND(1.10)	NA	ND(1.10)	NA
Tin	NA	19.0	NA	3.00 B	NA
Vanadium	NA	11.0	NA	8.90	NA
Zinc	NA	120	NA	55.0	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-K5 1-6 01/11/05	RAA9-K5 4-6 01/11/05	RAA9-K6 0-1 01/11/05	RAA9-K6 6-15 01/11/05	RAA9-K6 13-15 01/11/05
Volatile Organics						
1,1,2,2-Tetrachloroethane		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
2-Butanone		NA	ND(0.011)	ND(0.012)	NA	ND(0.011)
Acetone		NA	ND(0.022)	ND(0.023)	NA	ND(0.022)
Benzene		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Ethylbenzene		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Methylene Chloride		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Styrene		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Tetrachloroethene		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Toluene		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Trichloroethene		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Xylenes (total)		NA	ND(0.0056)	ND(0.0058)	NA	ND(0.0056)
Semivolatile Organics						
1,2,4-Trichlorobenzene		ND(0.37)	NA	0.23 J	ND(0.38)	NA
2,4-Dimethylphenol		ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
2-Methylnaphthalene		ND(0.37)	NA	0.031 J	ND(0.38)	NA
Acenaphthene		ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Acenaphthylene		ND(0.37)	NA	0.12 J	ND(0.38)	NA
Aniline		ND(0.37)	NA	0.068 J	ND(0.38)	NA
Anthracene		ND(0.37)	NA	0.096 J	ND(0.38)	NA
Benzo(a)anthracene		0.068 J	NA	0.33 J	ND(0.38)	NA
Benzo(a)pyrene		0.052 J	NA	0.32 J	ND(0.38)	NA
Benzo(b)fluoranthene		0.062 J	NA	0.28 J	ND(0.38)	NA
Benzo(g,h,i)perylene		ND(0.37)	NA	0.21 J	ND(0.38)	NA
Benzo(k)fluoranthene		0.066 J	NA	0.32 J	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		ND(0.37)	NA	ND(0.38)	ND(0.37)	NA
Chrysene		0.066 J	NA	0.37 J	ND(0.38)	NA
Dibenzo(a,h)anthracene		ND(0.37)	NA	0.073 J	ND(0.38)	NA
Dibenzofuran		ND(0.37)	NA	0.029 J	ND(0.38)	NA
Di-n-Butylphthalate		ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Fluoranthene		0.10 J	NA	0.67	0.090 J	NA
Fluorene		ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		ND(0.37)	NA	0.17 J	ND(0.38)	NA
Naphthalene		ND(0.37)	NA	0.063 J	ND(0.38)	NA
Pentachlorobenzene		ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Phenanthrene		0.055 J	NA	0.36 J	0.073 J	NA
Phenol		ND(0.37)	NA	ND(0.38)	ND(0.38)	NA
Pyrene		0.093 J	NA	0.64	0.071 J	NA
Furans						
2,3,7,8-TCDF		0.0000057 Y	NA	0.000077 Y	0.0000016 Y	NA
TCDFs (total)		0.000090	NA	0.0014	0.000027	NA
1,2,3,7,8-PeCDF		ND(0.0000024)	NA	0.000042	ND(0.00000038)	NA
2,3,4,7,8-PeCDF		0.0000037 J	NA	0.00011	ND(0.00000091)	NA
PeCDFs (total)		0.00016	NA	0.0087	0.000060	NA
1,2,3,4,7,8-HxCDF		ND(0.0000075) Q	NA	ND(0.00050) Q	ND(0.00000080)	NA
1,2,3,6,7,8-HxCDF		ND(0.0000051) Q	NA	ND(0.00040) Q	ND(0.0000016)	NA
1,2,3,7,8,9-HxCDF		ND(0.00000052)	NA	ND(0.000013)	ND(0.00000060)	NA
2,3,4,6,7,8-HxCDF		0.0000087	NA	0.00075	0.0000031 J	NA
HxCDFs (total)		0.00023	NA	0.020	0.000091	NA
1,2,3,4,6,7,8-HpCDF		0.000022	NA	0.0028	0.0000075	NA
1,2,3,4,7,8,9-HpCDF		ND(0.0000024)	NA	0.00025	ND(0.00000077)	NA
HpCDFs (total)		0.000058	NA	0.0063	0.000020	NA
OCDF		0.0000078 J	NA	0.00062	ND(0.0000027)	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-K5 1-6 01/11/05	RAA9-K5 4-6 01/11/05	RAA9-K6 0-1 01/11/05	RAA9-K6 6-15 01/11/05	RAA9-K6 13-15 01/11/05
Dioxins						
2,3,7,8-TCDD		ND(0.00000019)	NA	0.0000064	ND(0.00000014)	NA
TCDDs (total)		ND(0.00000029)	NA	0.000098	ND(0.00000014)	NA
1,2,3,7,8-PeCDD		ND(0.00000057)	NA	0.000099	ND(0.00000056)	NA
PeCDDs (total)		ND(0.00000077)	NA	0.00055	ND(0.00000056)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000041)	NA	0.00010	ND(0.00000041)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000033)	NA	0.000097	ND(0.00000036)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000043)	NA	0.000074	ND(0.00000036)	NA
HxCDDs (total)		ND(0.0000024)	NA	0.0017	ND(0.00000041)	NA
1,2,3,4,6,7,8-HpCDD		0.0000042 J	NA	0.00050	ND(0.00000093)	NA
HpCDDs (total)		0.0000092	NA	0.0013	ND(0.0000012)	NA
OCDD		0.000038	NA	0.0034	0.0000066 J	NA
Total TEQs (WHO TEFs)		0.0000047	NA	0.00035	0.0000013	NA
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic		9.80	NA	9.70	10.0	NA
Barium		37.0	NA	38.0	33.0	NA
Beryllium		0.340 B	NA	0.340 B	0.280 B	NA
Cadmium		0.190 B	NA	0.440 B	0.100 B	NA
Chromium		13.0	NA	48.0	11.0	NA
Cobalt		11.0	NA	14.0	8.00	NA
Copper		18.0	NA	48.0	14.0	NA
Cyanide		ND(0.220)	NA	ND(0.580)	ND(0.110)	NA
Lead		9.30	NA	34.0	7.30	NA
Mercury		0.0710 B	NA	0.110 B	ND(0.110)	NA
Nickel		21.0	NA	26.0	15.0	NA
Selenium		2.40	NA	2.70	1.60	NA
Silver		0.360 B	NA	ND(1.00)	0.170 B	NA
Sulfide		7.20	NA	9.20	9.00	NA
Thallium		ND(1.10)	NA	ND(1.20)	ND(1.10)	NA
Tin		2.90 B	NA	3.80 B	2.20 B	NA
Vanadium		12.0	NA	12.0	9.20	NA
Zinc		72.0	NA	100	51.0	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA9-L4 0-1 01/11/05	RAA9-L5 0-1 01/11/05	RAA9-M5 0-1 01/06/05	RAA9-M5 6-15 01/06/05
Volatile Organics				
1,1,2,2-Tetrachloroethane	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
2-Butanone	ND(0.011)	ND(0.011)	ND(0.014)	NA
Acetone	ND(0.023)	ND(0.022)	0.025 J	NA
Benzene	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Ethylbenzene	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Methylene Chloride	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Styrene	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Tetrachloroethene	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Toluene	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Trichloroethene	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Xylenes (total)	ND(0.0057)	ND(0.0056)	ND(0.0069)	NA
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.37)	ND(0.46)	ND(0.39) [ND(0.40)]
2,4-Dimethylphenol	ND(0.38)	ND(0.37)	ND(0.46)	ND(0.39) [ND(0.40)]
2-Methylnaphthalene	0.064 J	ND(0.37)	ND(0.46)	0.42 [0.12 J]
Acenaphthene	0.15 J	ND(0.37)	ND(0.46)	0.30 J [0.13 J]
Acenaphthylene	0.080 J	ND(0.37)	0.11 J	0.64 [0.61]
Aniline	ND(0.38)	ND(0.37)	ND(0.46)	ND(0.39) [ND(0.40)]
Anthracene	0.42	ND(0.37)	0.080 J	1.2 [0.51]
Benzo(a)anthracene	0.76	0.092 J	0.52	2.4 [1.2]
Benzo(a)pyrene	0.64	0.067 J	0.66	1.9 [1.1]
Benzo(b)fluoranthene	0.62	0.071 J	0.60	1.4 [0.85]
Benzo(g,h,i)perylene	0.40	0.043 J	0.40 J	1.0 [0.70]
Benzo(k)fluoranthene	0.60	0.11 J	0.69	1.6 [0.88]
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.37)	ND(0.45)	ND(0.39) [0.30 J]
Chrysene	0.75	0.11 J	0.77	2.4 [1.3]
Dibenzo(a,h)anthracene	0.11 J	ND(0.37)	0.13 J	0.32 J [0.14 J]
Dibenzofuran	0.15 J	ND(0.37)	ND(0.46)	0.32 J [0.12 J]
Di-n-Butylphthalate	0.38 J	ND(0.37)	ND(0.46)	ND(0.39) [ND(0.40)]
Fluoranthene	1.9	0.21 J	1.1	5.3 [2.6]
Fluorene	0.19 J	ND(0.37)	ND(0.46)	0.95 [0.28 J]
Indeno(1,2,3-cd)pyrene	0.33 J	0.045 J	0.32 J	0.83 [0.54]
Naphthalene	0.15 J	ND(0.37)	ND(0.46)	0.50 [0.12 J]
Pentachlorobenzene	ND(0.38)	ND(0.37)	ND(0.46)	ND(0.39) [ND(0.40)]
Phenanthrene	1.8	0.10 J	0.44 J	5.6 [1.8]
Phenol	ND(0.38)	ND(0.37)	ND(0.46)	ND(0.39) [0.14 J]
Pyrene	1.6	0.20 J	0.98	5.3 [2.7]
Furans				
2,3,7,8-TCDF	0.00015 Y	0.0000038 Y	0.0000040 Y	0.0000037 Y [0.0000058 Y]
TCDFs (total)	0.00086	0.000052	0.000033	0.00012 [0.000047]
1,2,3,7,8-PeCDF	0.000058	ND(0.0000020)	ND(0.0000017)	ND(0.0000015) [ND(0.0000021)]
2,3,4,7,8-PeCDF	0.000041	0.0000034 J	ND(0.0000025)	0.0000054 J [0.0000044 J]
PeCDFs (total)	0.0010	0.000098	0.000058	0.00026 [0.000097]
1,2,3,4,7,8-HxCDF	ND(0.00012) Q	0.0000060 I	0.0000058 J	0.0000045 J [0.0000042 J]
1,2,3,6,7,8-HxCDF	ND(0.00014) Q	0.0000051 JI	0.0000039 J	0.0000061 [0.0000033 J]
1,2,3,7,8,9-HxCDF	ND(0.0000017)	ND(0.00000037)	ND(0.00000071)	ND(0.00000079) [ND(0.00000077)]
2,3,4,6,7,8-HxCDF	0.000048	0.0000048 J	0.0000052 J	0.0000071 [0.0000032 J]
HxCDFs (total)	0.0015	0.00014	0.00013	0.00022 [0.000094]
1,2,3,4,6,7,8-HpCDF	0.00019	0.000020	0.000025	0.000013 [0.0000072 J]
1,2,3,4,7,8,9-HpCDF	0.000043	0.0000032 J	ND(0.0000030)	ND(0.0000028) [ND(0.0000029)]
HpCDFs (total)	0.00052	0.000047	0.000058	0.000031 [0.000020]
OCDF	0.00013	0.000018	0.000028 B	0.0000091 JB [0.0000096 JB]

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-L4 0-1 01/11/05	RAA9-L5 0-1 01/11/05	RAA9-M5 0-1 01/06/05	RAA9-M5 6-15 01/06/05
Dioxins					
2,3,7,8-TCDD		ND(0.00000078)	ND(0.00000014)	ND(0.00000041)	ND(0.00000035) [ND(0.00000019)]
TCDDs (total)		0.0000082	0.00000062	0.0000026	0.00000064 [ND(0.00000042)]
1,2,3,7,8-PeCDD		ND(0.0000048)	ND(0.00000068)	ND(0.0000021)	ND(0.0000011) [ND(0.00000067)]
PeCDDs (total)		ND(0.0000062)	ND(0.0000018)	ND(0.0000028)	ND(0.0000034) [ND(0.0000014)]
1,2,3,4,7,8-HxCDD		ND(0.0000025)	ND(0.00000045)	ND(0.0000017)	ND(0.00000053) [ND(0.00000055)]
1,2,3,6,7,8-HxCDD		ND(0.0000029)	ND(0.0000013)	ND(0.0000024)	0.0000031 J [ND(0.0000020)]
1,2,3,7,8,9-HxCDD		ND(0.0000022)	ND(0.00000079)	ND(0.0000026)	ND(0.0000018) [ND(0.0000012)]
HxCDDs (total)		0.000022	0.0000045	0.000023	0.000023 [0.000010]
1,2,3,4,6,7,8-HpCDD		0.000067	0.000012	0.000041	0.0000090 [0.0000055 J]
HpCDDs (total)		0.00014	0.000025	0.000082	0.000019 [0.000012]
OCDD		0.00098	0.000073	0.00035	0.000012 [0.000016]
Total TEQs (WHO TEFs)		0.000063	0.0000046	0.0000049	0.0000063 [0.0000047]
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic		34.0	5.80	7.00	4.60 [5.80]
Barium		36.0	56.0	46.0	28.0 [36.0]
Beryllium		0.240 B	0.300 B	0.360 B	0.300 B [0.300 B]
Cadmium		0.330 B	0.180 B	0.500	0.300 B [0.200 B]
Chromium		12.0	9.90	19.0	20.0 [11.0]
Cobalt		12.0	8.20	8.30	8.00 [8.00]
Copper		38.0	18.0	17.0	15.0 [17.0]
Cyanide		0.140	ND(0.220)	0.230	0.230 [0.220]
Lead		69.0	16.0	41.0	46.0 [13.0]
Mercury		0.660	1.10	0.280	ND(0.120) [ND(0.120)]
Nickel		17.0	15.0	16.0	14.0 [15.0]
Selenium		2.80	2.10	2.10	1.40 [2.30]
Silver		0.230 B	ND(1.00)	0.240 B	0.140 B [ND(1.00)]
Sulfide		20.0	14.0	6.60 B	7.60 [5.80 B]
Thallium		ND(1.10)	ND(1.10)	ND(1.40)	ND(1.20) [ND(1.20)]
Tin		9.00 B	4.90 B	7.20 B	5.60 B [5.10 B]
Vanadium		10.0	11.0	20.0	11.0 [13.0]
Zinc		96.0	54.0	100	63.0 [51.0]

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-M5 12-14 01/06/05	RAA9-M8 0-1 01/06/05	RAA9-M9 0-1 01/07/05	RAA9-M9 1-6 01/07/05
Volatile Organics					
1,1,2,2-Tetrachloroethane		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
2-Butanone		ND(0.012) [ND(0.012)]	ND(0.012)	ND(0.011)	NA
Acetone		ND(0.023) [ND(0.023)]	0.027	ND(0.021)	NA
Benzene		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Ethylbenzene		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Methylene Chloride		ND(0.0058) [ND(0.0058)]	0.020	ND(0.0054)	NA
Styrene		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Tetrachloroethene		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Toluene		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Trichloroethene		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Xylenes (total)		ND(0.0058) [ND(0.0058)]	ND(0.0063)	ND(0.0054)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene		NA	ND(0.42)	ND(0.36)	ND(0.37)
2,4-Dimethylphenol		NA	ND(0.42)	ND(0.36)	ND(0.37)
2-Methylnaphthalene		NA	ND(0.42)	ND(0.36)	0.036 J
Acenaphthene		NA	ND(0.42)	ND(0.36)	ND(0.37)
Acenaphthylene		NA	ND(0.42)	ND(0.36)	0.068 J
Aniline		NA	ND(0.42)	ND(0.36)	ND(0.37)
Anthracene		NA	ND(0.42)	ND(0.36)	0.064 J
Benzo(a)anthracene		NA	0.080 J	ND(0.36)	0.21 J
Benzo(a)pyrene		NA	0.075 J	ND(0.36)	0.18 J
Benzo(b)fluoranthene		NA	0.094 J	ND(0.36)	0.14 J
Benzo(g,h,i)perylene		NA	ND(0.42)	ND(0.36)	0.12 J
Benzo(k)fluoranthene		NA	0.084 J	ND(0.36)	0.21 J
bis(2-Ethylhexyl)phthalate		NA	ND(0.41)	ND(0.35)	ND(0.37)
Chrysene		NA	0.10 J	ND(0.36)	0.26 J
Dibenzo(a,h)anthracene		NA	ND(0.42)	ND(0.36)	ND(0.37)
Dibenzofuran		NA	ND(0.42)	ND(0.36)	ND(0.37)
Di-n-Butylphthalate		NA	ND(0.42)	ND(0.36)	ND(0.37)
Fluoranthene		NA	0.17 J	0.048 J	0.42
Fluorene		NA	ND(0.42)	ND(0.36)	ND(0.37)
Indeno(1,2,3-cd)pyrene		NA	ND(0.42)	ND(0.36)	0.10 J
Naphthalene		NA	ND(0.42)	ND(0.36)	0.040 J
Pentachlorobenzene		NA	ND(0.42)	ND(0.36)	ND(0.37)
Phenanthrene		NA	0.11 J	ND(0.36)	0.39
Phenol		NA	ND(0.42)	ND(0.36)	ND(0.37)
Pyrene		NA	0.17 J	0.055 J	0.50
Furans					
2,3,7,8-TCDF		NA	0.000025 Y	ND(0.00000052) Y	0.0000070 Y
TCDFs (total)		NA	0.00019	0.0000022	0.000065
1,2,3,7,8-PeCDF		NA	0.0000072	ND(0.00000064)	0.0000031 J
2,3,4,7,8-PeCDF		NA	0.000010	ND(0.00000062)	0.0000059
PeCDFs (total)		NA	0.00011	ND(0.0000021)	0.000035
1,2,3,4,7,8-HxCDF		NA	0.0000057 J	ND(0.00000086)	0.0000044 J
1,2,3,6,7,8-HxCDF		NA	0.0000042 J	ND(0.00000074)	0.0000037 J
1,2,3,7,8,9-HxCDF		NA	ND(0.00000071)	ND(0.00000045)	ND(0.00000055)
2,3,4,6,7,8-HxCDF		NA	0.0000049 J	ND(0.00000070)	0.0000034 J
HxCDFs (total)		NA	0.000083	0.0000042	0.000049
1,2,3,4,6,7,8-HpCDF		NA	0.000027	0.0000042 J	0.000014
1,2,3,4,7,8,9-HpCDF		NA	ND(0.0000024)	ND(0.00000043)	ND(0.0000010)
HpCDFs (total)		NA	0.000051	0.0000076	0.000032
OCDF		NA	0.000052 B	ND(0.0000048)	0.000018

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-M5 12-14 01/06/05	RAA9-M8 0-1 01/06/05	RAA9-M9 0-1 01/07/05	RAA9-M9 1-6 01/07/05
Dioxins					
2,3,7,8-TCDD		NA	ND(0.00000027)	ND(0.00000048)	ND(0.00000058)
TCDDs (total)		NA	0.0000033	ND(0.00000048)	ND(0.00000077)
1,2,3,7,8-PeCDD		NA	ND(0.00000061)	ND(0.00000097)	ND(0.0000012)
PeCDDs (total)		NA	ND(0.0000022)	ND(0.00000097)	ND(0.0000012)
1,2,3,4,7,8-HxCDD		NA	ND(0.00000074)	ND(0.00000056)	ND(0.00000057)
1,2,3,6,7,8-HxCDD		NA	ND(0.0000016)	ND(0.00000049)	ND(0.00000098)
1,2,3,7,8,9-HxCDD		NA	ND(0.0000014)	ND(0.00000050)	ND(0.0000011)
HxCDDs (total)		NA	0.0000093	0.0000011	0.0000033
1,2,3,4,6,7,8-HpCDD		NA	0.000024	0.0000077	0.000017
HpCDDs (total)		NA	0.000041	0.000015	0.000031
OCDD		NA	0.00019	0.000045	0.00016
Total TEQs (WHO TEFs)		NA	0.000011	0.0000013	0.0000063
Inorganics					
Antimony		NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		NA	6.40	3.30	7.80
Barium		NA	57.0	33.0	61.0
Beryllium		NA	0.310 B	0.250 B	0.370 B
Cadmium		NA	0.280 B	0.110 B	0.200 B
Chromium		NA	11.0	7.40	12.0
Cobalt		NA	6.80	9.50	10.0
Copper		NA	17.0	12.0	210
Cyanide		NA	0.290	0.0720 B	0.170
Lead		NA	64.0	8.80	130
Mercury		NA	0.0990 B	0.0130 B	0.120
Nickel		NA	12.0	16.0	21.0
Selenium		NA	2.00	1.70	2.30
Silver		NA	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		NA	8.00	ND(5.40)	8.90
Thallium		NA	ND(1.20)	ND(1.10)	ND(1.10)
Tin		NA	8.00 B	5.00 B	12.0
Vanadium		NA	17.0	9.00	12.0
Zinc		NA	140	46.0	140

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA9-M9 4-6 01/07/05	RAA9-N5 0-1 01/07/05	RAA9-N5 1-6 01/07/05	RAA9-N5 4-6 01/07/05	RAA9-N7 6-15 01/07/05
Volatile Organics					
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
2-Butanone	ND(0.011)	ND(0.011)	NA	ND(0.014)	NA
Acetone	ND(0.022)	ND(0.023)	NA	ND(0.028)	NA
Benzene	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Ethylbenzene	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Methylene Chloride	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Styrene	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Tetrachloroethene	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Toluene	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Trichloroethene	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Xylenes (total)	ND(0.0056)	ND(0.0057)	NA	ND(0.0070)	NA
Semivolatile Organics					
1,2,4-Trichlorobenzene	NA	ND(0.38)	0.064 J	NA	NA
2,4-Dimethylphenol	NA	ND(0.38)	ND(0.46)	NA	NA
2-Methylnaphthalene	NA	ND(0.38)	0.12 J	NA	NA
Acenaphthene	NA	ND(0.38)	ND(0.46)	NA	NA
Acenaphthylene	NA	ND(0.38)	1.6	NA	NA
Aniline	NA	ND(0.38)	ND(0.46)	NA	NA
Anthracene	NA	0.042 J	0.83	NA	NA
Benzo(a)anthracene	NA	0.15 J	2.4	NA	NA
Benzo(a)pyrene	NA	0.12 J	2.1	NA	NA
Benzo(b)fluoranthene	NA	0.12 J	1.6	NA	NA
Benzo(g,h,i)perylene	NA	0.046 J	1.4	NA	NA
Benzo(k)fluoranthene	NA	0.13 J	1.8	NA	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.38)	ND(0.46)	NA	NA
Chrysene	NA	0.18 J	3.0	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.38)	0.28 J	NA	NA
Dibenzofuran	NA	ND(0.38)	0.096 J	NA	NA
Di-n-Butylphthalate	NA	ND(0.38)	ND(0.46)	NA	NA
Fluoranthene	NA	0.32 J	4.6	NA	NA
Fluorene	NA	ND(0.38)	0.49	NA	NA
Indeno(1,2,3-cd)pyrene	NA	0.051 J	1.0	NA	NA
Naphthalene	NA	ND(0.38)	0.13 J	NA	NA
Pentachlorobenzene	NA	ND(0.38)	0.064 J	NA	NA
Phenanthrene	NA	0.18 J	4.1	NA	NA
Phenol	NA	ND(0.38)	ND(0.46)	NA	NA
Pyrene	NA	0.32 J	5.8	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.0000022 Y	0.000032 Y	NA	0.00000081 JY
TCDFs (total)	NA	0.000019	0.00030	NA	0.0000066
1,2,3,7,8-PeCDF	NA	ND(0.0000033)	0.0000066 J	NA	ND(0.00000091)
2,3,4,7,8-PeCDF	NA	ND(0.0000032)	0.000044	NA	ND(0.00000087)
PeCDFs (total)	NA	0.000029	0.00045	NA	ND(0.0000017)
1,2,3,4,7,8-HxCDF	NA	ND(0.0000017)	0.000052	NA	ND(0.0000038)
1,2,3,6,7,8-HxCDF	NA	ND(0.00000087)	0.000019	NA	ND(0.0000036)
1,2,3,7,8,9-HxCDF	NA	ND(0.0000011)	ND(0.0000056)	NA	ND(0.0000045)
2,3,4,6,7,8-HxCDF	NA	0.0000042 J	0.000018	NA	ND(0.0000040)
HxCDFs (total)	NA	0.000070	0.00074	NA	ND(0.0000045)
1,2,3,4,6,7,8-HpCDF	NA	0.000024	0.000070	NA	ND(0.0000013)
1,2,3,4,7,8,9-HpCDF	NA	0.0000035 J	0.000023	NA	ND(0.0000016)
HpCDFs (total)	NA	0.000062	0.00023	NA	ND(0.0000016)
OCDF	NA	0.000042	0.00015	NA	ND(0.0000022)

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth (Feet): / Date Collected:	RAA9-M9 4-6 01/07/05	RAA9-N5 0-1 01/07/05	RAA9-N5 1-6 01/07/05	RAA9-N5 4-6 01/07/05	RAA9-N7 6-15 01/07/05
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000061)	ND(0.0000015) I	NA	ND(0.00000092)
TCDDs (total)	NA	ND(0.00000061)	ND(0.0000061)	NA	ND(0.00000092)
1,2,3,7,8-PeCDD	NA	ND(0.0000058)	ND(0.0000072) I	NA	ND(0.0000016)
PeCDDs (total)	NA	ND(0.0000058)	ND(0.00013)	NA	ND(0.0000016)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000057)	ND(0.0000028)	NA	ND(0.00000094)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000051)	ND(0.0000025)	NA	ND(0.00000084)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000052)	ND(0.0000025)	NA	ND(0.00000086)
HxCDDs (total)	NA	ND(0.0000057)	0.000016	NA	ND(0.00000094)
1,2,3,4,6,7,8-HpCDD	NA	0.000023	0.000031	NA	ND(0.0000025)
HpCDDs (total)	NA	0.000051	0.000068	NA	ND(0.0000025)
OCDD	NA	0.00020	0.00012	NA	ND(0.0000024)
Total TEQs (WHO TEFs)	NA	0.0000062	0.000041	NA	0.0000025
Inorganics					
Antimony	NA	ND(6.00)	ND(6.00)	NA	NA
Arsenic	NA	5.90	14.0	NA	NA
Barium	NA	37.0	590	NA	NA
Beryllium	NA	0.280 B	0.670	NA	NA
Cadmium	NA	0.140 B	ND(0.500)	NA	NA
Chromium	NA	10.0	14.0	NA	NA
Cobalt	NA	8.10	12.0	NA	NA
Copper	NA	19.0	45.0	NA	NA
Cyanide	NA	0.100 B	0.270	NA	NA
Lead	NA	36.0	30.0	NA	NA
Mercury	NA	0.100 B	0.540	NA	NA
Nickel	NA	17.0	30.0	NA	NA
Selenium	NA	1.70	4.00	NA	NA
Silver	NA	ND(1.00)	ND(1.00)	NA	NA
Sulfide	NA	7.30	33.0	NA	NA
Thallium	NA	ND(1.10)	1.70	NA	NA
Tin	NA	5.80 B	7.50 B	NA	NA
Vanadium	NA	16.0	39.0	NA	NA
Zinc	NA	73.0	46.0	NA	NA

TABLE 6-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
HILL 78 AREA REMAINDER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- Q - Indicates the presence of quantitative interferences.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
JANUARY 2005

a. Activities Undertaken/Completed

- Continued pre-design soil sampling, including additional utility sampling within the GE Advanced Materials Plant area, as proposed in the Interim Pre-Design Investigation Report (approved by EPA in September 2004)*

- Conducted other miscellaneous sampling, as identified in Table 7-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted *Final Notification of On-Plant Excavations* covering the following excavations (January 5, 2005). A copy of this letter report is provided in Attachment E.

  - Major excavations to support Facility Upgrade projects in the Unkamet Brook Area in the areas of Buildings OP1, OP2, OP3 and Merrill Road;
  - Minor excavation to plant bushes on the south side of Building 59;
  - Minor excavation to install a small black top extension of road by the south side of Building 106X; and
  - Minor excavation to plant trees on the west side of Building 59.

- Submitted letter report on additional sampling from the northern inundated wetland area (January 13, 2005).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue pre-design investigation sampling.*

- Following EPA approval of additional sampling proposed in the January 13, 2005 letter report, conduct such sampling.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Beaver Dam Roll-Off Sampling	Roll-Off-3008-BD-1	1/3/05	NA	Soil	SGS	PCB	1/11/05
Beaver Dam Roll-Off Sampling	Roll-Off-3008-BD-2	1/3/05	NA	Soil	SGS	PCB	1/11/05
Beaver Dam Roll-Off Sampling	Roll-Off-3008-BD-3	1/3/05	NA	Soil	SGS	PCB	1/11/05
Building 78 Decon Water Sampling	BLDG-78-B0669-1	1/19/05	NA	Water	SGS	PCB	1/28/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-111 (RAA10-E-JJ26)	12/29/04	6-15	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-112 (RAA10-E-JJ18)	1/3/05	3-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-113 (RAA10-E-LL22)	1/4/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-DUP-114 (RAA10-E-NN26)	1/4/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-115 (RAA10-E-VV26)	1/6/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-116 (RAA10-E-VV26)	1/6/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-117 (RAA10-E-OO20)	1/11/05	0-1	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-DUP-118 (RAA10-E-OO20)	1/11/05	0-1	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-119 (RAA10-E-XX26)	1/11/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-DUP-120 (RAA10-E-BBB24)	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-DUP-121 (RAA10-E-VV24)	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-DUP-122 (RAA10-E-XX28)	1/14/05	1-3	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-DUP-123 (RAA10-E-TT24)	1/18/05	6-8	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-124 (RAA10-E-TT24)	1/18/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-125 (RAA10-E-QQ16)	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-AAA22	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-AAA23	1/12/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-AAA24	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-AAA25	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-AAA26	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BBB23	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BBB24	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BBB24	1/12/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BBB24	1/12/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BBB24	1/12/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-BBB25	1/12/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	1-3	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	3-6	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	6-15	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	6-15	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	3-6	Soil	SGS	PCB, SVOC, Inorganics	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	4-6	Soil	SGS	VOC	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	0-1	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	1-3	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	3-6	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	6-15	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	1-3	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/24/05

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	10-12	Soil	SGS	VOC	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	4-6	Soil	SGS	VOC	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	0-1	Soil	SGS	VOC, SVOC, Inorganics	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	1-3	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	3-6	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	6-15	Soil	SGS	PCB	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/24/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ18	1/3/05	1-3	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ18	1/3/05	3-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ18	1/3/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ18	1/3/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ20	1/3/05	1-3	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ20	1/3/05	3-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ20	1/3/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ20	1/3/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	1-3	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	3-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	6-15	Soil	SGS	PCB, SVOC, Inorganics	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	10-12	Soil	SGS	VOC	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	1-3	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	3-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	6-15	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	6-15	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	3-6	Soil	SGS	PCB, SVOC, Inorganics	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	4-6	Soil	SGS	VOC	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-JJ27	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-KK27	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL14	1/10/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL14	1/10/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-LL14	1/10/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-LL14	1/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-LL14	1/10/05	10-12	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-LL14	1/10/05	3-5	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-LL15	1/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL20	1/4/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL20	1/4/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL20	1/4/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL20	1/4/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-LL20	1/4/05	8-10	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-LL22	1/4/05	0-1	Soil	SGS	PCB	

TABLE 7-1
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UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-LL22	1/4/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-LL22	1/4/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-LL22	1/4/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-LL22	1/4/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-LL24	1/3/05	3-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL24	1/3/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL24	1/3/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL24	1/3/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL24	1/3/05	8-10	Soil	SGS	VOC	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL26	1/3/05	0-1	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL26	1/3/05	1-3	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL26	1/3/05	3-6	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-LL26	1/3/05	6-15	Soil	SGS	PCB	1/26/05
Pre-Design Soil Investigation Sampling	RAA10-E-MM15	1/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN15	1/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN16	1/10/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN16	1/10/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-NN16	1/10/05	6-8	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-NN22	1/18/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN22	1/18/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN22	1/18/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN22	1/18/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-NN24	1/19/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN24	1/19/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN24	1/19/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN24	1/19/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-NN26	1/4/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-NN26	1/4/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-NN26	1/4/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-NN26	1/4/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-NN26	1/4/05	3-5	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-OO16	1/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-OO17	1/10/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-OO18	1/10/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-OO19	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-OO20	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-OO21	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-PP17	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-PP18	1/7/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-PP18	1/7/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-PP18	1/7/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-PP18	1/7/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-PP18	1/7/05	3-5	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-PP19	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-PP20	1/7/05	3-6	Soil	SGS	PCB	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-PP20	1/7/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-PP20	1/7/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-PP20	1/7/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-PP20	1/7/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-PP21	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-PP26	1/5/05	1-3	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP26	1/5/05	3-6	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP26	1/5/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-PP26	1/5/05	0-1	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-QQ16	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ17	1/20/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ18	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ19	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ20	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ21	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ22	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-QQ23	1/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-RR15	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-RR17	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-RR19	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-RR21	1/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-RR22	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-RR22	1/17/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-RR22	1/17/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-RR22	1/17/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-RR22	1/17/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-RR22	1/17/05	3-5	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-RR23	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-RR26	1/5/05	0-1	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR26	1/5/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR26	1/5/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR26	1/5/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-RR26	1/5/05	3-5	Soil	SGS	VOC	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-SS14	1/20/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-SS15	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-SS16	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-SS17	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-SS18	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-SS19	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-SS20	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-SS21	1/17/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-SS22	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-TT21	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-TT22	1/11/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-TT22	1/11/05	3-6	Soil	SGS	PCB	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-TT22	1/11/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-TT22	1/11/05	8-10	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-TT23	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-TT24	1/18/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-TT24	1/18/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-TT24	1/18/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-TT24	1/18/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-TT24	1/18/05	6-8	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-TT26	1/5/05	1-3	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-TT26	1/5/05	6-15	Soil	SGS	PCB	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-TT26	1/5/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-TT26	1/5/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-TT26	1/5/05	3-5	Soil	SGS	VOC	1/27/05
Pre-Design Soil Investigation Sampling	RAA10-E-UU20	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-UU21	1/17/05	0-1	Soil	SGS	VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-UU22	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-UU23	1/17/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV17	1/13/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-VV19	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV21	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV23	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV24	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV24	1/13/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV24	1/13/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV24	1/13/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV26	1/6/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-VV26	1/6/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-VV26	1/6/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-VV26	1/6/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-VV26	1/6/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-VV26	1/6/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-WW18	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-WW19	1/13/05	0-1	Soil	SGS	VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-WW20	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-WW21	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-WW22	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-WW23	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-WW24	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-XX19	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX21	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX22	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX22	1/11/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX22	1/11/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-XX22	1/11/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-XX22	1/11/05	3-5	Soil	SGS	VOC	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Pre-Design Soil Investigation Sampling	RAA10-E-XX24	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX24	1/11/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX24	1/11/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX24	1/11/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-XX26	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX26	1/11/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-XX26	1/11/05	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-XX26	1/11/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-XX26	1/11/05	12-14	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-XX26	1/11/05	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-XX28	1/14/05	0-1	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-XX28	1/14/05	1-3	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-XX28	1/14/05	3-6	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-XX28	1/14/05	6-10	Soil	SGS	PCB	1/31/05
Pre-Design Soil Investigation Sampling	RAA10-E-YY20	1/13/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-YY21	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-YY22	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-YY23	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ21	1/13/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ23	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ24	1/12/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ24	1/12/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ24	1/12/05	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ24	1/12/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ24	1/12/05	3-5	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ26	1/11/05	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ26	1/11/05	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ26	1/11/05	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ26	1/11/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ26	1/11/05	8-10	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ28	1/11/05	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ28	1/11/05	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ28	1/11/05	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ28	1/11/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-ZZ28	1/11/05	3-5	Soil	SGS	VOC	

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 7-2
PCB DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-HH18	0-1	12/15/2004	ND(0.053)	0.049 J	0.12	0.169
	1-3	12/15/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	3-6	12/15/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/15/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA10-E-HH20	0-1	12/15/2004	ND(0.054)	0.036 J	0.10	0.136
	1-3	12/15/2004	ND(0.044)	ND(0.044)	0.018 J	0.018 J
	3-6	12/15/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	6-15	12/15/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-E-HH22	0-1	12/15/2004	ND(0.046)	ND(0.046)	0.021 J	0.021 J
	1-3	12/15/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	3-6	12/15/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-15	12/15/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-HH24	1-3	12/28/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	12/28/2004	ND(0.043)	ND(0.043)	0.017 J	0.017 J
	6-15	12/28/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA10-E-HH26	0-1	12/28/2004	ND(0.059)	ND(0.059)	0.048 J	0.048 J
	1-3	12/28/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	3-6	12/28/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	6-15	12/28/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-JJ18	0-1	1/3/2005	ND(0.051)	ND(0.051)	0.039 J	0.039 J
	1-3	1/3/2005	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	3-6	1/3/2005	ND(0.053) [ND(0.049)]	ND(0.053) [ND(0.049)]	ND(0.053) [ND(0.049)]	ND(0.053) [ND(0.049)]
	6-15	1/3/2005	ND(0.040)	ND(0.040)	0.043	0.043
RAA10-E-JJ20	0-1	1/3/2005	ND(0.058)	ND(0.058)	0.056 J	0.056 J
	1-3	1/3/2005	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	1/3/2005	ND(0.048)	ND(0.048)	0.019 J	0.019 J
	6-15	1/3/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA10-E-JJ22	0-1	12/29/2004	ND(0.054)	ND(0.054)	0.048 J	0.048 J
	1-3	12/29/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	3-6	12/29/2004	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
	6-15	12/29/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-E-JJ24	0-1	12/29/2004	ND(0.051)	ND(0.051)	0.052	0.052
	1-3	12/29/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	3-6	12/29/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-15	12/29/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-E-JJ26	0-1	12/29/2004	ND(0.052)	ND(0.052)	0.022 J	0.022 J
	1-3	12/29/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	3-6	12/29/2004	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	6-15	12/29/2004	ND(0.045) [ND(0.049)]	ND(0.045) [ND(0.049)]	ND(0.045) [ND(0.049)]	ND(0.045) [ND(0.049)]
RAA10-E-LL24	0-1	1/3/2005	ND(0.047)	ND(0.047)	0.038 J	0.038 J
	1-3	1/3/2005	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	3-6	1/3/2005	ND(0.041)	0.025 J	0.063	0.088
	6-15	1/3/2005	ND(0.047)	ND(0.047)	0.017 J	0.017 J
RAA10-E-LL26	0-1	1/3/2005	ND(0.051)	0.024 J	0.089	0.113
	1-3	1/3/2005	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
	3-6	1/3/2005	ND(0.047)	0.074	0.23	0.304
	6-15	1/3/2005	ND(0.057)	ND(0.057)	0.028 J	0.028 J
RAA10-E-PP26	1-3	1/5/2005	ND(0.050)	ND(0.050)	0.058	0.058
	3-6	1/5/2005	ND(0.077)	ND(0.077)	ND(0.077)	ND(0.077)
	6-15	1/5/2005	ND(0.041)	0.021 J	0.061	0.082
RAA10-E-RR26	0-1	1/5/2005	ND(0.049)	ND(0.049)	0.029 J	0.029 J
	1-3	1/5/2005	ND(0.046)	ND(0.046)	ND(0.046)	ND(0.046)
	3-6	1/5/2005	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	1/5/2005	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)

TABLE 7-2
PCB DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-TT26	0-1	1/5/2005	ND(0.051)	ND(0.051)	ND(0.051)	ND(0.051)
	1-3	1/5/2005	ND(0.052)	ND(0.052)	ND(0.052)	ND(0.052)
	3-6	1/5/2005	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	6-15	1/5/2005	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-E-XX28	0-1	1/14/2005	ND(0.058)	0.18	0.13	0.31
	1-3	1/14/2005	ND(0.044) [ND(0.044)]	0.056 [0.21]	0.036 J [0.12]	0.092 [0.33]
	3-6	1/14/2005	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-10	1/14/2005	ND(0.063)	ND(0.063)	ND(0.063)	ND(0.063)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-HH18 0-1 12/15/04	RAA10-E-HH20 0-1 12/15/04	RAA10-E-HH20 1-3 12/15/04	RAA10-E-HH20 3-6 12/15/04	RAA10-E-HH20 4-6 12/15/04
Volatile Organics					
2-Butanone	ND(0.016)	ND(0.016)	ND(0.013)	NA	ND(0.014)
Acetone	ND(0.032)	ND(0.032)	ND(0.026)	NA	ND(0.028)
Carbon Disulfide	ND(0.0080)	ND(0.0080)	ND(0.0066)	NA	ND(0.0071)
Chlorobenzene	ND(0.0080)	0.012	ND(0.0066)	NA	ND(0.0071)
Semivolatile Organics					
Benzo(a)anthracene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Benzo(a)pyrene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Benzo(b)fluoranthene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Benzo(k)fluoranthene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate	ND(0.53)	ND(0.53)	ND(0.44)	ND(0.40)	NA
Chrysene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Dibenzo(a,h)anthracene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Fluoranthene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Phenanthrene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Pyrene	ND(0.53)	ND(0.54)	ND(0.44)	ND(0.40)	NA
Organochlorine Pesticides					
None Detected	NA	--	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	--	NA	NA	NA
Herbicides					
None Detected	NA	--	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.0000046 Y	NA	NA	NA
TCDFs (total)	NA	0.000036	NA	NA	NA
1,2,3,7,8-PeCDF	NA	0.0000022 J	NA	NA	NA
2,3,4,7,8-PeCDF	NA	0.0000033 J	NA	NA	NA
PeCDFs (total)	NA	0.000037	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.0000034) X	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000020) X	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000019)	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	0.0000035 J	NA	NA	NA
HxCDFs (total)	NA	0.000048	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000058	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	0.00000095 J	NA	NA	NA
HpCDFs (total)	NA	0.000098	NA	NA	NA
OCDF	NA	0.000030	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000090)	NA	NA	NA
TCDDs (total)	NA	ND(0.00000090)	NA	NA	NA
1,2,3,7,8-PeCDD	NA	ND(0.00000084)	NA	NA	NA
PeCDDs (total)	NA	ND(0.00000084)	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000011)	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	0.0000013 J	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000010)	NA	NA	NA
HxCDDs (total)	NA	0.000010	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	0.000019	NA	NA	NA
HpCDDs (total)	NA	0.000038	NA	NA	NA
OCDD	NA	0.00022	NA	NA	NA
Total TEQs (WHO TEFs)	NA	0.0000048	NA	NA	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-HH18 0-1 12/15/04	RAA10-E-HH20 0-1 12/15/04	RAA10-E-HH20 1-3 12/15/04	RAA10-E-HH20 3-6 12/15/04	RAA10-E-HH20 4-6 12/15/04
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	NA
Arsenic		4.70	5.40	2.90	2.50	NA
Barium		130	110	58.0	11.0 B	NA
Beryllium		0.710	0.800	0.540	0.380 B	NA
Cadmium		1.60	1.80	0.980	0.310 B	NA
Chromium		26.0	26.0	16.0	6.60	NA
Cobalt		13.0	14.0	9.20	6.80	NA
Copper		18.0	22.0	14.0	10.0	NA
Cyanide		0.310	0.230 B	0.0650 B	ND(0.120)	NA
Lead		18.0	24.0	8.20	5.30	NA
Mercury		0.130 B	0.180	0.0450 B	ND(0.120)	NA
Nickel		25.0	24.0	18.0	12.0	NA
Selenium		ND(1.20)	ND(1.20)	ND(1.00)	1.60	NA
Silver		ND(1.20)	ND(1.20)	ND(1.00)	ND(1.00)	NA
Sulfide		ND(8.00)	ND(8.00)	8.50	5.80 B	NA
Thallium		ND(1.60)	ND(1.60)	ND(1.30)	ND(1.20)	NA
Tin		7.00 B	7.50 B	4.80 B	4.80 B	NA
Vanadium		22.0	25.0	14.0	5.80	NA
Zinc		120	110	70.0	34.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-HH24 0-1 12/28/04	RAA10-E-HH24 3-6 12/28/04	RAA10-E-HH24 4-6 12/28/04	RAA10-E-HH24 6-15 12/28/04
Volatile Organics				
2-Butanone	ND(0.017)	NA	ND(0.013)	NA
Acetone	ND(0.034)	NA	0.0068 J	NA
Carbon Disulfide	ND(0.0084)	NA	ND(0.0064)	NA
Chlorobenzene	ND(0.0084)	NA	ND(0.0064)	NA
Semivolatile Organics				
Benzo(a)anthracene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Benzo(a)pyrene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Benzo(b)fluoranthene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Benzo(k)fluoranthene	ND(0.56)	ND(0.43)	NA	ND(0.49)
bis(2-Ethylhexyl)phthalate	ND(0.56)	ND(0.43)	NA	ND(0.48)
Chrysene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Dibenzo(a,h)anthracene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Fluoranthene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Phenanthrene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Pyrene	ND(0.56)	ND(0.43)	NA	ND(0.49)
Organochlorine Pesticides				
None Detected	NA	--	NA	--
Organophosphate Pesticides				
None Detected	NA	--	NA	--
Herbicides				
None Detected	NA	--	NA	--
Furans				
2,3,7,8-TCDF	NA	ND(0.00000042) X	NA	ND(0.00000042)
TCDFs (total)	NA	ND(0.00000028)	NA	ND(0.00000042)
1,2,3,7,8-PeCDF	NA	ND(0.00000066)	NA	ND(0.00000084)
2,3,4,7,8-PeCDF	NA	ND(0.00000066)	NA	ND(0.00000084)
PeCDFs (total)	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,4,7,8-HxCDF	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,6,7,8-HxCDF	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,7,8,9-HxCDF	NA	ND(0.00000066)	NA	ND(0.00000084)
2,3,4,6,7,8-HxCDF	NA	ND(0.00000066)	NA	ND(0.00000084)
HxCDFs (total)	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,4,6,7,8-HpCDF	NA	0.0000022 J	NA	ND(0.00000084)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000070)	NA	ND(0.00000084)
HpCDFs (total)	NA	0.0000038 J	NA	ND(0.00000084)
OCDF	NA	0.0000017 J	NA	ND(0.0000017)
Dioxins				
2,3,7,8-TCDD	NA	ND(0.00000027)	NA	ND(0.00000041)
TCDDs (total)	NA	ND(0.00000078)	NA	ND(0.00000083)
1,2,3,7,8-PeCDD	NA	ND(0.00000066)	NA	ND(0.00000084)
PeCDDs (total)	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,4,7,8-HxCDD	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,6,7,8-HxCDD	NA	ND(0.00000066)	NA	ND(0.00000084)
1,2,3,7,8,9-HxCDD	NA	ND(0.00000066)	NA	ND(0.00000084)
HxCDDs (total)	NA	ND(0.0000012)	NA	ND(0.0000016)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000012)	NA	0.0000010 J
HpCDDs (total)	NA	ND(0.0000012)	NA	0.0000010 J
OCDD	NA	0.0000079 J	NA	0.0000032 J
Total TEQs (WHO TEFs)	NA	0.00000093	NA	0.0000012

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-HH24 0-1 12/28/04	RAA10-E-HH24 3-6 12/28/04	RAA10-E-HH24 4-6 12/28/04	RAA10-E-HH24 6-15 12/28/04
Inorganics					
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		5.40	1.70	NA	3.20
Barium		77.0	28.0	NA	19.0 B
Beryllium		0.520	0.310 B	NA	0.140 B
Cadmium		0.290 B	0.0970 B	NA	ND(0.500)
Chromium		20.0	8.80	NA	5.70
Cobalt		10.0	9.50	NA	6.00
Copper		19.0	10.0	NA	9.20
Cyanide		0.410	ND(0.130)	NA	ND(0.150)
Lead		25.0	4.50	NA	3.00
Mercury		0.150 B	ND(0.130)	NA	ND(0.150)
Nickel		18.0	14.0	NA	11.0
Selenium		2.70	1.70	NA	1.50
Silver		ND(1.30)	ND(1.00)	NA	ND(1.10)
Sulfide		13.0	12.0	NA	35.0
Thallium		ND(1.70)	ND(1.30)	NA	ND(1.50)
Tin		6.80 B	4.50 B	NA	3.80 B
Vanadium		19.0	11.0	NA	5.20
Zinc		84.0	46.0	NA	30.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-HH24 10-12 12/28/04	RAA10-E-HH26 0-1 12/28/04	RAA10-E-JJ18 0-1 01/03/05	RAA10-E-JJ20 0-1 01/03/05
Volatile Organics				
2-Butanone	0.059	ND(0.018)	ND(0.015)	ND(0.018)
Acetone	0.56	ND(0.036)	ND(0.030)	ND(0.035)
Carbon Disulfide	0.020	ND(0.0089)	ND(0.0076)	ND(0.0088)
Chlorobenzene	ND(0.013)	ND(0.0089)	ND(0.0076)	0.0099
Semivolatile Organics				
Benzo(a)anthracene	NA	ND(0.59)	ND(0.51)	ND(0.58)
Benzo(a)pyrene	NA	ND(0.59)	ND(0.51)	ND(0.58)
Benzo(b)fluoranthene	NA	ND(0.59)	ND(0.51)	ND(0.58)
Benzo(k)fluoranthene	NA	ND(0.59)	ND(0.51)	ND(0.58)
bis(2-Ethylhexyl)phthalate	NA	ND(0.59)	ND(0.50)	ND(0.58)
Chrysene	NA	0.13 J	ND(0.51)	ND(0.58)
Dibenzo(a,h)anthracene	NA	0.24 J	ND(0.51)	ND(0.58)
Fluoranthene	NA	0.25 J	ND(0.51)	ND(0.58)
Phenanthrene	NA	0.13 J	ND(0.51)	ND(0.58)
Pyrene	NA	0.24 J	ND(0.51)	ND(0.58)
Organochlorine Pesticides				
None Detected	NA	--	--	NA
Organophosphate Pesticides				
None Detected	NA	--	--	NA
Herbicides				
None Detected	NA	--	--	NA
Furans				
2,3,7,8-TCDF	NA	0.000012 Y	0.0000024 YJ	NA
TCDFs (total)	NA	0.00011	0.000039	NA
1,2,3,7,8-PeCDF	NA	0.0000048 J	0.0000011 J	NA
2,3,4,7,8-PeCDF	NA	0.000016	0.0000039 J	NA
PeCDFs (total)	NA	0.00014	0.000062	NA
1,2,3,4,7,8-HxCDF	NA	0.000015	0.0000020 J	NA
1,2,3,6,7,8-HxCDF	NA	0.0000077 J	0.0000022 J	NA
1,2,3,7,8,9-HxCDF	NA	0.0000044 J	ND(0.0000014)	NA
2,3,4,6,7,8-HxCDF	NA	0.000012	0.0000049 J	NA
HxCDFs (total)	NA	0.00054	0.000084	NA
1,2,3,4,6,7,8-HpCDF	NA	0.0010	0.000060	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000079 J	0.00000081 J	NA
HpCDFs (total)	NA	0.0018	0.00010	NA
OCDF	NA	0.00046	0.000027	NA
Dioxins				
2,3,7,8-TCDD	NA	0.00000091 J	ND(0.00000051)	NA
TCDDs (total)	NA	0.0000014 J	ND(0.00000087)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000025) X	ND(0.00000072)	NA
PeCDDs (total)	NA	0.000017	ND(0.00000072)	NA
1,2,3,4,7,8-HxCDD	NA	0.0000023 J	ND(0.00000080)	NA
1,2,3,6,7,8-HxCDD	NA	0.000013	0.0000010 J	NA
1,2,3,7,8,9-HxCDD	NA	0.0000042 J	ND(0.00000077)	NA
HxCDDs (total)	NA	0.000083	0.0000054 J	NA
1,2,3,4,6,7,8-HpCDD	NA	0.00026	0.000017	NA
HpCDDs (total)	NA	0.00044	0.000034	NA
OCDD	NA	0.0025	0.00022	NA
Total TEQs (WHO TEFs)	NA	0.000030	0.0000048	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-HH24 10-12 12/28/04	RAA10-E-HH26 0-1 12/28/04	RAA10-E-JJ18 0-1 01/03/05	RAA10-E-JJ20 0-1 01/03/05
Inorganics					
Antimony		NA	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		NA	6.70	6.10	5.20
Barium		NA	90.0	130	90.0
Beryllium		NA	0.620	1.00	0.680
Cadmium		NA	0.540	ND(0.500)	0.290 B
Chromium		NA	29.0	28.0	22.0
Cobalt		NA	13.0	13.0	12.0
Copper		NA	30.0	19.0	18.0
Cyanide		NA	0.550	0.180	0.290
Lead		NA	41.0	19.0	21.0
Mercury		NA	0.260	0.120 B	0.130 B
Nickel		NA	22.0	26.0	21.0
Selenium		NA	2.70	3.00	3.00
Silver		NA	ND(1.30)	0.700 B	0.220 B
Sulfide		NA	28.0	9.80	8.40 B
Thallium		NA	ND(1.80)	1.60	ND(1.80)
Tin		NA	7.60 B	6.30 B	7.10 B
Vanadium		NA	22.0	30.0	22.0
Zinc		NA	100	100	89.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-JJ22 0-1 12/29/04	RAA10-E-JJ22 6-15 12/29/04	RAA10-E-JJ22 10-12 12/29/04	RAA10-E-JJ24 0-1 12/29/04	RAA10-E-JJ26 0-1 12/29/04
Volatile Organics						
2-Butanone		ND(0.016)	NA	ND(0.011)	ND(0.015)	ND(0.016)
Acetone		ND(0.032)	NA	0.010 J	ND(0.030)	ND(0.031)
Carbon Disulfide		ND(0.0081)	NA	ND(0.0057)	ND(0.0076)	ND(0.0078)
Chlorobenzene		ND(0.0081)	NA	0.0076	ND(0.0076)	ND(0.0078)
Semivolatile Organics						
Benzo(a)anthracene		ND(0.54)	ND(0.38)	NA	ND(0.51)	0.13 J
Benzo(a)pyrene		ND(0.54)	ND(0.38)	NA	ND(0.51)	0.12 J
Benzo(b)fluoranthene		ND(0.54)	ND(0.38)	NA	ND(0.51)	0.13 J
Benzo(k)fluoranthene		ND(0.54)	ND(0.38)	NA	ND(0.51)	0.12 J
bis(2-Ethylhexyl)phthalate		ND(0.54)	ND(0.37)	NA	ND(0.50)	0.22 J
Chrysene		ND(0.54)	ND(0.38)	NA	ND(0.51)	0.15 J
Dibenzo(a,h)anthracene		ND(0.54)	ND(0.38)	NA	ND(0.51)	ND(0.52)
Fluoranthene		ND(0.54)	ND(0.38)	NA	0.089 J	0.27 J
Phenanthrene		ND(0.54)	ND(0.38)	NA	ND(0.51)	0.12 J
Pyrene		ND(0.54)	ND(0.38)	NA	0.081 J	0.26 J
Organochlorine Pesticides						
None Detected		--	NA	NA	--	--
Organophosphate Pesticides						
None Detected		--	NA	NA	--	--
Herbicides						
None Detected		--	NA	NA	--	--
Furans						
2,3,7,8-TCDF		0.0000015 J	NA	NA	0.0000033 Y	0.000011 Y
TCDFs (total)		0.0000090	NA	NA	0.000023	0.000082
1,2,3,7,8-PeCDF		ND(0.00000071)	NA	NA	0.0000012 J	0.0000044 J
2,3,4,7,8-PeCDF		0.0000015 J	NA	NA	0.0000021 J	0.000011
PeCDFs (total)		0.000010	NA	NA	0.000015	0.000094
1,2,3,4,7,8-HxCDF		0.0000014 J	NA	NA	0.0000023 J	0.000015
1,2,3,6,7,8-HxCDF		ND(0.00000080)	NA	NA	0.0000011 J	0.0000063 J
1,2,3,7,8,9-HxCDF		ND(0.0000011)	NA	NA	ND(0.0000012)	0.0000035 J
2,3,4,6,7,8-HxCDF		0.0000012 J	NA	NA	0.0000017 J	0.000010
HxCDFs (total)		0.000042	NA	NA	0.000060	0.00046
1,2,3,4,6,7,8-HpCDF		0.000077	NA	NA	0.00010	0.00088
1,2,3,4,7,8,9-HpCDF		0.00000072 J	NA	NA	0.00000093 J	0.0000061 J
HpCDFs (total)		0.00013	NA	NA	0.00018	0.0015
OCDF		0.000037	NA	NA	0.000056	0.00044
Dioxins						
2,3,7,8-TCDD		ND(0.00000036)	NA	NA	ND(0.00000040)	0.00000082 J
TCDDs (total)		ND(0.00000081)	NA	NA	ND(0.00000079)	0.0000018 J
1,2,3,7,8-PeCDD		ND(0.00000071)	NA	NA	ND(0.00000074)	0.0000014 J
PeCDDs (total)		ND(0.00000071)	NA	NA	ND(0.00000074)	0.000011
1,2,3,4,7,8-HxCDD		ND(0.00000073)	NA	NA	ND(0.0000010)	0.0000019 J
1,2,3,6,7,8-HxCDD		ND(0.0000012) X	NA	NA	0.0000016 J	0.000010
1,2,3,7,8,9-HxCDD		ND(0.00000071)	NA	NA	ND(0.0000010)	0.0000033 J
HxCDDs (total)		0.0000044 J	NA	NA	0.0000069 J	0.000066
1,2,3,4,6,7,8-HpCDD		0.000019	NA	NA	0.000028	0.00020
HpCDDs (total)		0.000034	NA	NA	0.000050	0.00035
OCDD		0.00019	NA	NA	0.00028	0.0021
Total TEQs (WHO TEFs)		0.0000029	NA	NA	0.0000042	0.000025

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-JJ22 0-1 12/29/04	RAA10-E-JJ22 6-15 12/29/04	RAA10-E-JJ22 10-12 12/29/04	RAA10-E-JJ24 0-1 12/29/04	RAA10-E-JJ26 0-1 12/29/04
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	1.10 B
Arsenic		7.00	1.30	NA	6.70	6.90
Barium		220	8.30 B	NA	75.0	64.0
Beryllium		1.60	0.140 B	NA	0.640	0.530
Cadmium		0.310 B	ND(0.500)	NA	0.440 B	0.760
Chromium		180	5.10	NA	26.0	26.0
Cobalt		36.0	4.80 B	NA	13.0	10.0
Copper		80.0	3.10	NA	27.0	30.0
Cyanide		0.350	ND(0.110)	NA	0.270	0.450
Lead		38.0	1.80	NA	26.0	45.0
Mercury		0.160	ND(0.110)	NA	0.280	0.250
Nickel		270	6.70	NA	22.0	19.0
Selenium		8.40	0.890 B	NA	3.40	2.50
Silver		2.20	0.850 B	NA	3.70	0.220 B
Sulfide		10.0	5.40 B	NA	9.70	15.0
Thallium		1.80	ND(1.10)	NA	ND(1.50)	ND(1.60)
Tin		6.40 B	4.10 B	NA	7.50 B	9.20 B
Vanadium		44.0	4.50 B	NA	20.0	20.0
Zinc		240	25.0	NA	93.0	93.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA10-E-JJ26	RAA10-E-JJ26	RAA10-E-JJ26	RAA10-E-LL24	RAA10-E-LL24
Sample Depth (Feet):	1-3	3-6	4-6	0-1	1-3
Date Collected:	12/29/04	12/29/04	12/29/04	01/03/05	01/03/05
Volatile Organics					
2-Butanone	ND(0.014)	NA	ND(0.013)	ND(0.014)	ND(0.012)
Acetone	ND(0.029)	NA	ND(0.027)	ND(0.028)	ND(0.025)
Carbon Disulfide	ND(0.0072)	NA	ND(0.0067)	ND(0.0070)	ND(0.0063)
Chlorobenzene	ND(0.0072)	NA	ND(0.0067)	ND(0.0070)	ND(0.0063)
Semivolatile Organics					
Benzo(a)anthracene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Benzo(a)pyrene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Benzo(b)fluoranthene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Benzo(k)fluoranthene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
bis(2-Ethylhexyl)phthalate	ND(0.48)	ND(0.45)	NA	ND(0.46)	ND(0.41)
Chrysene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Dibenzo(a,h)anthracene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Fluoranthene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Phenanthrene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Pyrene	ND(0.48)	ND(0.46)	NA	ND(0.47)	ND(0.42)
Organochlorine Pesticides					
None Detected	NA	NA	NA	--	--
Organophosphate Pesticides					
None Detected	NA	NA	NA	--	--
Herbicides					
None Detected	NA	NA	NA	--	--
Furans					
2,3,7,8-TCDF	NA	NA	NA	0.0000029 Y	ND(0.00000040)
TCDFs (total)	NA	NA	NA	0.000024	ND(0.00000040)
1,2,3,7,8-PeCDF	NA	NA	NA	0.0000014	ND(0.00000060)
2,3,4,7,8-PeCDF	NA	NA	NA	0.0000025	ND(0.00000060)
PeCDFs (total)	NA	NA	NA	0.000022	ND(0.00000060)
1,2,3,4,7,8-HxCDF	NA	NA	NA	0.0000030	ND(0.00000060)
1,2,3,6,7,8-HxCDF	NA	NA	NA	0.0000015	ND(0.00000060)
1,2,3,7,8,9-HxCDF	NA	NA	NA	0.0000010	ND(0.00000060)
2,3,4,6,7,8-HxCDF	NA	NA	NA	0.0000020	ND(0.00000060)
HxCDFs (total)	NA	NA	NA	0.000066	ND(0.00000060)
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	0.00011	0.00000071 J
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	0.0000011	ND(0.00000060)
HpCDFs (total)	NA	NA	NA	0.00018	0.00000071 J
OCDF	NA	NA	NA	0.000049	ND(0.0000012)
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	0.00000043	ND(0.00000054)
TCDDs (total)	NA	NA	NA	0.00000090	ND(0.00000054)
1,2,3,7,8-PeCDD	NA	NA	NA	0.00000072	ND(0.00000060)
PeCDDs (total)	NA	NA	NA	0.00000090	ND(0.0000011)
1,2,3,4,7,8-HxCDD	NA	NA	NA	0.00000079	ND(0.00000092)
1,2,3,6,7,8-HxCDD	NA	NA	NA	0.0000014	ND(0.00000082)
1,2,3,7,8,9-HxCDD	NA	NA	NA	0.00000076	ND(0.00000089)
HxCDDs (total)	NA	NA	NA	0.0000082	ND(0.00000088)
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	0.000022	ND(0.00000063)
HpCDDs (total)	NA	NA	NA	0.000037	ND(0.00000063)
OCDD	NA	NA	NA	0.00018	0.0000041 J
Total TEQs (WHO TEFs)	NA	NA	NA	0.0000052	0.0000010

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-JJ26 1-3 12/29/04	RAA10-E-JJ26 3-6 12/29/04	RAA10-E-JJ26 4-6 12/29/04	RAA10-E-LL24 0-1 01/03/05	RAA10-E-LL24 1-3 01/03/05
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	ND(6.00)
Arsenic		3.40	2.50	NA	5.00	2.30
Barium		70.0	56.0	NA	76.0	30.0
Beryllium		0.580	0.500 B	NA	0.570	0.330 B
Cadmium		0.200 B	0.140 B	NA	0.190 B	ND(0.500)
Chromium		16.0	14.0	NA	17.0	9.40
Cobalt		12.0	10.0	NA	11.0	7.70
Copper		14.0	11.0	NA	16.0	8.60
Cyanide		0.110 B	ND(0.140)	NA	0.280	ND(0.120)
Lead		7.80	6.50	NA	15.0	3.80
Mercury		ND(0.140)	ND(0.140)	NA	0.100 B	ND(0.120)
Nickel		19.0	15.0	NA	19.0	12.0
Selenium		2.20	1.80	NA	2.90	1.40
Silver		ND(1.10)	ND(1.00)	NA	ND(1.00)	0.130 B
Sulfide		9.20	ND(6.80)	NA	9.00	8.00
Thallium		ND(1.40)	1.10 B	NA	ND(1.40)	ND(1.20)
Tin		5.10 B	4.40 B	NA	5.40 B	4.40 B
Vanadium		18.0	15.0	NA	19.0	11.0
Zinc		78.0	74.0	NA	72.0	43.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-LL24 6-15 01/03/05	RAA10-E-LL24 8-10 01/03/05	RAA10-E-PP26 0-1 01/05/05	RAA10-E-RR26 1-3 01/05/05
Volatile Organics				
2-Butanone	NA	ND(0.012)	ND(0.018)	ND(0.014)
Acetone	NA	ND(0.024)	ND(0.035)	ND(0.028)
Carbon Disulfide	NA	ND(0.0061)	ND(0.0088)	ND(0.0069)
Chlorobenzene	NA	ND(0.0061)	ND(0.0088)	ND(0.0069)
Semivolatile Organics				
Benzo(a)anthracene	ND(0.47)	NA	ND(0.59)	ND(0.46)
Benzo(a)pyrene	ND(0.47)	NA	ND(0.59)	ND(0.46)
Benzo(b)fluoranthene	ND(0.47)	NA	ND(0.59)	ND(0.46)
Benzo(k)fluoranthene	ND(0.47)	NA	ND(0.59)	ND(0.46)
bis(2-Ethylhexyl)phthalate	ND(0.46)	NA	ND(0.58)	ND(0.45)
Chrysene	ND(0.47)	NA	ND(0.59)	ND(0.46)
Dibenzo(a,h)anthracene	ND(0.47)	NA	ND(0.59)	ND(0.46)
Fluoranthene	ND(0.47)	NA	0.095 J	ND(0.46)
Phenanthrene	ND(0.47)	NA	ND(0.59)	ND(0.46)
Pyrene	ND(0.47)	NA	0.096 J	ND(0.46)
Organochlorine Pesticides				
None Detected	--	NA	--	NA
Organophosphate Pesticides				
None Detected	--	NA	--	NA
Herbicides				
None Detected	--	NA	--	NA
Furans				
2,3,7,8-TCDF	ND(0.00000032)	NA	0.0000064 Y	NA
TCDFs (total)	ND(0.00000032)	NA	0.000047	NA
1,2,3,7,8-PeCDF	ND(0.00000075)	NA	0.0000028 J	NA
2,3,4,7,8-PeCDF	ND(0.00000075)	NA	0.0000062 J	NA
PeCDFs (total)	ND(0.00000075)	NA	0.000056	NA
1,2,3,4,7,8-HxCDF	ND(0.00000075)	NA	0.0000070 J	NA
1,2,3,6,7,8-HxCDF	ND(0.00000075)	NA	0.0000032 J	NA
1,2,3,7,8,9-HxCDF	ND(0.00000075)	NA	ND(0.0000016)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000075)	NA	0.0000051 J	NA
HxCDFs (total)	ND(0.00000075)	NA	0.00019	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000075)	NA	0.00034	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000075)	NA	0.0000029 J	NA
HpCDFs (total)	ND(0.00000075)	NA	0.00058	NA
OCDF	ND(0.0000015)	NA	0.00018	NA
Dioxins				
2,3,7,8-TCDD	ND(0.00000051)	NA	ND(0.00000070) X	NA
TCDDs (total)	ND(0.00000089)	NA	ND(0.0000010)	NA
1,2,3,7,8-PeCDD	ND(0.00000075)	NA	ND(0.00000078)	NA
PeCDDs (total)	ND(0.0000012)	NA	0.0000042 J	NA
1,2,3,4,7,8-HxCDD	ND(0.00000087)	NA	0.00000095 J	NA
1,2,3,6,7,8-HxCDD	ND(0.00000077)	NA	0.0000051 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000083)	NA	0.0000021 J	NA
HxCDDs (total)	ND(0.0000011)	NA	0.000034	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000092)	NA	0.000092	NA
HpCDDs (total)	ND(0.00000092)	NA	0.00017	NA
OCDD	0.0000025 J	NA	0.00098	NA
Total TEQs (WHO TEFs)	0.0000011	NA	0.000012	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-LL24 6-15 01/03/05	RAA10-E-LL24 8-10 01/03/05	RAA10-E-PP26 0-1 01/05/05	RAA10-E-RR26 1-3 01/05/05
Inorganics					
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)
Arsenic		2.40	NA	5.10	2.60
Barium		28.0	NA	49.0	43.0
Beryllium		0.200 B	NA	0.760	0.440 B
Cadmium		ND(0.500)	NA	1.40	1.00
Chromium		7.70	NA	20.0	9.90
Cobalt		6.20	NA	8.40	8.30
Copper		7.70	NA	23.0	11.0
Cyanide		ND(0.140)	NA	0.310	0.100 B
Lead		2.70	NA	31.0	5.90
Mercury		ND(0.140)	NA	0.200	0.0400 B
Nickel		11.0	NA	14.0	13.0
Selenium		1.20	NA	0.890 B	ND(1.00)
Silver		0.800 B	NA	0.480 B	ND(1.00)
Sulfide		22.0	NA	20.0	8.80
Thallium		ND(1.40)	NA	5.80	4.40
Tin		5.70 B	NA	ND(13.0)	ND(10.0)
Vanadium		8.30	NA	13.0	11.0
Zinc		36.0	NA	65.0	52.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	RAA10-E-RR26 3-5 01/05/05	RAA10-E-RR26 3-6 01/05/05	RAA10-E-TT26 0-1 01/05/05	RAA10-E-TT26 3-5 01/05/05	RAA10-E-TT26 3-6 01/05/05
Volatile Organics					
2-Butanone	ND(0.012)	NA	ND(0.015)	ND(0.014)	NA
Acetone	ND(0.024)	NA	ND(0.030)	ND(0.029)	NA
Carbon Disulfide	ND(0.0061)	NA	ND(0.0076)	ND(0.0072)	NA
Chlorobenzene	ND(0.0061)	NA	ND(0.0076)	ND(0.0072)	NA
Semivolatile Organics					
Benzo(a)anthracene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Benzo(a)pyrene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Benzo(b)fluoranthene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Benzo(k)fluoranthene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
bis(2-Ethylhexyl)phthalate	NA	ND(0.44)	ND(0.50)	NA	ND(0.50)
Chrysene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Dibenzo(a,h)anthracene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Fluoranthene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Phenanthrene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Pyrene	NA	ND(0.44)	ND(0.51)	NA	ND(0.50)
Organochlorine Pesticides					
None Detected	NA	NA	--	NA	--
Organophosphate Pesticides					
None Detected	NA	NA	--	NA	--
Herbicides					
None Detected	NA	NA	--	NA	--
Furans					
2,3,7,8-TCDF	NA	NA	0.0000038 Y	NA	0.00000076 J
TCDFs (total)	NA	NA	0.000026	NA	0.00000076 J
1,2,3,7,8-PeCDF	NA	NA	0.0000012 J	NA	ND(0.00000061)
2,3,4,7,8-PeCDF	NA	NA	0.0000026 J	NA	ND(0.00000061)
PeCDFs (total)	NA	NA	0.000022	NA	0.0000015 J
1,2,3,4,7,8-HxCDF	NA	NA	0.0000027 J	NA	ND(0.00000080)
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000018)	NA	ND(0.00000068)
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.0000024)	NA	ND(0.00000092)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.0000020)	NA	ND(0.00000078)
HxCDFs (total)	NA	NA	0.000070	NA	0.0000049 J
1,2,3,4,6,7,8-HpCDF	NA	NA	0.00013	NA	0.000010
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000010)	NA	ND(0.00000084)
HpCDFs (total)	NA	NA	0.00022	NA	0.000017
OCDF	NA	NA	0.000066	NA	0.0000056 J
Dioxins					
2,3,7,8-TCDD	NA	NA	ND(0.00000084)	NA	ND(0.00000051)
TCDDs (total)	NA	NA	ND(0.00000084)	NA	ND(0.00000065)
1,2,3,7,8-PeCDD	NA	NA	ND(0.00000078)	NA	ND(0.00000061)
PeCDDs (total)	NA	NA	0.00000096 J	NA	ND(0.0000011)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000017)	NA	ND(0.00000097)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000024) X	NA	ND(0.00000086)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000016)	NA	ND(0.00000093)
HxCDDs (total)	NA	NA	0.000011	NA	ND(0.0000010)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.000043	NA	0.0000045 J
HpCDDs (total)	NA	NA	0.000081	NA	0.0000083
OCDD	NA	NA	0.00045	NA	0.000040
Total TEQs (WHO TEFs)	NA	NA	0.0000052	NA	0.0000013

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth (Feet): / Date Collected:	RAA10-E-RR26 3-5 01/05/05	RAA10-E-RR26 3-6 01/05/05	RAA10-E-TT26 0-1 01/05/05	RAA10-E-TT26 3-5 01/05/05	RAA10-E-TT26 3-6 01/05/05
Inorganics						
Antimony		NA	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		NA	1.30	6.50	NA	0.840 B
Barium		NA	22.0	89.0	NA	26.0
Beryllium		NA	0.260 B	0.600	NA	0.260 B
Cadmium		NA	0.580	1.50	NA	0.510
Chromium		NA	7.00	28.0	NA	8.70
Cobalt		NA	6.30	13.0	NA	6.70
Copper		NA	7.70	31.0	NA	9.20
Cyanide		NA	ND(0.130)	0.280	NA	0.0760 B
Lead		NA	3.80	34.0	NA	4.80
Mercury		NA	ND(0.130)	0.280	NA	0.0150 B
Nickel		NA	10.0	22.0	NA	11.0
Selenium		NA	ND(1.00)	1.10 B	NA	ND(1.10)
Silver		NA	ND(1.00)	ND(1.10)	NA	ND(1.10)
Sulfide		NA	6.40 B	ND(7.60)	NA	ND(7.50)
Thallium		NA	3.40	6.10	NA	1.60
Tin		NA	ND(10.0)	1.90 B	NA	ND(11.0)
Vanadium		NA	7.40	18.0	NA	9.30
Zinc		NA	37.0	93.0	NA	43.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

PRE-DESIGN SOIL INVESTIGATION SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. -- Indicates that all constituents for the parameter group were not detected.
7. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

J - Indicates an estimated value less than the practical quantitation limit (PQL).
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

TABLE 7-4
DATA RECEIVED DURING JANUARY 2005

BEAVER DAM ROLL-OFF SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
ROLL-OFF-3008-BD-1	1/3/2005	ND(0.17)	5.1	3.2	8.3
ROLL-OFF-3008-BD-2	1/3/2005	ND(0.45)	8.0	3.5	11.5
ROLL-OFF-3008-BD-3	1/3/2005	ND(0.90)	10	3.4	13.4

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 7-5
DATA RECEIVED DURING JANUARY 2005

BUILDING 78 DECON WATER SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG-78-B0669-1	1/19/2005	ND(0.0025)	0.042	0.010	0.052

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

- Completed preparation of Conceptual RD/RA Work Plan.
- Conducted sampling of soil cuttings from drilling in this area (soil cuttings were stored in a drum at Building 78), as identified in Table 8-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted letter to EPA and MDEP as to status of requests for EREs at non-GE-owned properties (January 18, 2005).
- Submitted draft EREs for Parcels I8-23-5 and I8-23-4 to EPA and MDEP (January 18, 2005).
- Submitted Conceptual RD/RA Work Plan to EPA (January 21, 2005).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 8-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Sampling Soil Cuttings from Oxbows A & C	78-C0551-Soil-1	12/8/04	Soil	SGS	PCB, TCLP	1/4/05

TABLE 8-2
PCB DATA RECEIVED DURING JANUARY 2005

SAMPLING SOIL CUTTINGS
FORMER OXBOW AREAS A & C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
78-C0551-SOIL-1	12/8/2004	ND(0.039)	0.42	0.25	0.67

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 8-3 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

TABLE 8-3
TCLP DATA RECEIVED DURING JANUARY 2005

SAMPLING SOIL CUTTINGS
FORMER OXBOW AREAS A & C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	78-C0551-SOIL-1 12/8/2004
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	ND(0.10)
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	ND(0.100)
Barium	100	0.290
Cadmium	1	0.00340 B
Chromium	5	0.00160 B
Lead	5	0.0240 B
Mercury	0.2	0.0000600 B
Selenium	1	0.00730 B
Silver	5	0.00140 B

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 8-2 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Data Qualifiers:

Inorganics

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

ITEM 9
LYMAN STREET AREA
(GECD430)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Prepared Supplement to Conceptual RD/RA Work Plan, including Proposal for Additional Sampling in Sub-Area 201A.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Supplement to Conceptual RD/RA Work Plan to EPA on January 28, 2005.

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Perform additional sampling at Sub-Area 201A upon EPA's review and approval of Supplement to Conceptual RD/RA Work Plan.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of the March 23, 2004 Conceptual RD/RA Work Plan (January 10, 2005).

ITEM 10
NEWELL STREET AREA I
(GECD440)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

- Received copy of letter from EPA to owner of Parcel J9-23-13 requesting access for remediation (January 11, 2005).

- Received signed access agreement from owner of Parcel J9-23-13 (January 27, 2005).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Record ERE for Parcel J9-23-24 upon receipt of EPA approval and MDEP acceptance of ERE.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE plans to conduct the remediation on Parcel J9-23-13 and Parcels J9-23-19, -20, and -21 during the 2005 construction season.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Continued development of Final RD/RA Work Plan.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Submit Final RD/RA Work Plan (due on or before March 4, 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

- Continued preparation of Conceptual RD/RA Work Plan.
- Performed deep sampling (10- to 15-foot depth increment) at locations at Parcels K10-11-1 and K10-11-2 where refusal was previously met.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Submit Conceptual RD/RA Work Plan (due to EPA on or before March 10, 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of the November 24, 2004 Additional Supplemental Pre-Design Investigation Report (January 10, 2005).

TABLE 12-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

FORMER OXBOW AREAS J AND K
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Supplemental Pre-Design Soil Investigation	RAA15-C5	1/31/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Additional Supplemental Pre-Design Soil Investigation	RAA15-C5	1/31/05	13-15	Soil	SGS	VOC	
Additional Supplemental Pre-Design Soil Investigation	RAA15-YB-1	1/31/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Additional Supplemental Pre-Design Soil Investigation	RAA15-YB-1	1/31/05	14.2-15	Soil	SGS	VOC	

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

On January 14, 2005, BBL (on GE's behalf) performed water column sampling during a high flow event at two locations along the Housatonic River. One location is situated in the 1½-Mile Reach (Lyman Street Bridge - Location 4) and the other is situated upstream of the 1½-Mile Reach (Newell Street Bridge - Location 2). Composite grab samples were collected for analysis of PCBs (total – filtered and unfiltered) and TSS (see Table 13-1).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted 2004 Annual Monitoring Report (January 31, 2005).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Conduct seepage meter monitoring when water levels allow.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Seepage meter monitoring has not occurred due to increased water levels.

- Issues relating to TOC content in isolation layer remain to be resolved. EPA and GE have agreed that GE's report on those issues will be deferred until after the seepage meter data are available. The Final Completion Report for Upper ½ Mile Reach Removal Action will be submitted following resolution of those issues.

f. Proposed/Approved Work Plan Modifications

None

TABLE 13-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HOUSATONIC RIVER - UPPER 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
High Flow Water Column Sampling	Location-2	1/14/05	Water	NEA	PCB, PCB(f), TSS	1/21/05
High Flow Water Column Sampling	Location-4	1/14/05	Water	NEA	PCB, PCB(f), TSS	1/21/05

TABLE 13-2
SAMPLE DATA RECEIVED DURING JANUARY 2005

HIGH FLOW WATER COLUMN SAMPLING
HOUSATONIC RIVER - UPPER 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-2	Newell Street Bridge	1/14/2005	ND(0.0000220)	ND(0.0000220)	0.0000340 AG	0.0000340	122
LOCATION-2 (FILTERED)	Newell Street Bridge	1/14/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA
LOCATION-4	Lyman Street Bridge	1/14/2005	ND(0.0000220)	0.0000540 AF	0.000120 AG	0.000174	138
LOCATION-4 (FILTERED)	Lyman Street Bridge	1/14/2005	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of PCBs (filtered and unfiltered) and total suspended solids (TSS).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. NA - Not Analyzed.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
6. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
JANUARY 2005

(Note: This item is limited to activities conducted by GE and does not include EPA's work on the 1½-Mile Reach Removal Action)

a. Activities Undertaken/Completed

On January 20, 2005, BBL (on GE's behalf) performed a round of water column monitoring at eight locations along the Housatonic River between Coltsville, MA and Great Barrington, MA. Two of these locations are situated in the 1½-Mile Reach: Lyman Street Bridge (Location 4) and Pomeroy Avenue Bridge (Location 6A). A composite grab sample was collected at each location and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 14-1). (The other six locations are discussed under Item 15 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Continue Housatonic River monthly water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HOUSATONIC RIVER - 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Monthly Water Column Sampling	HR-D1 (Location-6A)	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-4	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-6A	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-6A	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 14-2
SAMPLE DATA RECEIVED DURING JANUARY 2005

MONTHLY WATER COLUMN SAMPLING
HOUSATONIC RIVER - 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.647	2.00	0.0010
LOCATION-6A	Pomeroy Ave. Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.402	ND(1.00)	0.0010

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs, total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
JANUARY 2005

a. Activities Undertaken/Completed

- On January 20, 2005, BBL (on GE's behalf) performed a round of water column monitoring at eight locations along the Housatonic River between Coltsville and Great Barrington, MA. Two locations are situated in the 1½-Mile Reach of the Housatonic River and were discussed in Item 14. Of the remaining six locations, two are located upstream of the 1½-Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The four remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at all these locations on January 20, 2005 from downstream to upstream. Sampling was not conducted at Woods Pond Headwaters (Location 10) due to ice cover and unsafe conditions. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a (see Table 15-1).

- Continued review of EPA's Model Calibration Report.*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted comments to EPA on EPA's November 2004 revised draft Ecological Risk Assessment (January 14, 2005).*

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue Housatonic River monthly water column monitoring.

- Prepare plan for work on gate stem repairs at Rising Pond Dam, as identified in the Structural Integrity Report submitted in July 2003 for that dam, and based on the October 2003 gate stem inspection.*

- Prepare and submit report on bi-annual structural integrity inspection of Woods Pond Dam (conducted in November 2004).*

- Submit comments on EPA's Model Calibration Report (due on February 7, 2005).*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
JANUARY 2005

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Ongoing issues relating to EPA's risk assessments.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Monthly Water Column Sampling	HR-D1 (Location-12)	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-1	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-12	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-12	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-13	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-2	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-9	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	1/10/05
Monthly Water Column Sampling	Location-9	1/20/05	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 15-2
SAMPLE DATA RECEIVED DURING JANUARY 2005

MONTHLY WATER COLUMN SAMPLING
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.369	ND(1.00)	0.00070
LOCATION-2	Newell Street Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.346	2.30	0.0010
LOCATION-7	Holmes Road Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.507	6.90	0.0023
LOCATION-9	New Lenox Road Bridge	12/21/2004	ND(0.0000220)	0.0000300 AF	0.0000710	0.000101	0.430	3.70	0.0014
LOCATION-12	Schweitzer Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	0.0000320 AG	0.0000320	0.276	1.10	0.0011
		12/21/2004	[ND(0.0000220)]	[ND(0.0000220)]	[0.0000270 AG]	[0.0000270]	[0.260]	[1.10]	[0.0011]
LOCATION-13	Division St. Bridge	12/21/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.259	ND(1.00)	0.0014

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs, total suspended solids (TSS), particulate organic carbon (POC), and chlorophyll (a).
2. Sampling methods involved the collection of composite grab samples at each location, representative of three stations (25, 50, and 75 percent of the total river width at each location) at 50 percent of the total river depth at each station.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
6. AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720) JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Initiated sampling activities at the Phase 4 Group 4A floodplain properties.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Submit Second Interim Pre-Design Investigation Report for Phase 3 Groups 3A and 3B properties (due on or before February 11, 2005).

- Submit Second Interim Pre-Design Investigation Report for Phase 3 Groups 3C and 3D properties (due on or before March 3, 2005).

- Continue sampling activities at the Phase 4 Group 4A properties and initiate sampling activities at the Phase 4 Groups` 4B and 4C properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE will discuss with EPA schedule for pre-certification inspection and submittal of Final Completion Report for Phase 1 and Phase 2 Properties, and ERE for City-owned property in Phase 2.

f. Proposed/Approved Work Plan Modifications

- Received Conditional Approval Letter from EPA for GE's *Proposal for Non-PCB Pre-Design Investigations - Phase 4 Floodplain Properties – Group 4A-Parcel I7-1-101* (January 13, 2005).

- Received Conditional Approval Letter from EPA for GE's *Work Plan Addendum - Phase 4 Floodplain Properties – Group 4B and 4C* (January 13, 2005).

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4A-DUP-1 (4A-SS-17)	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-DUP-2 (4A-SB-17)	1/25/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-DUP-3 (4A-SB-13)	1/26/05	0-1	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-DUP-4 (4A-SB-3)	1/31/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-DUP-5 (4A-SB-24)	1/31/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-DUP-6 (4A-SB-3)	1/31/05	4-6	Soil	SGS	VOC	
Non-Residential Properties Soil Sampling	4A-SB-1	1/31/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-1	1/31/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-1	1/31/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-1	1/31/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-1	1/31/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-10	1/24/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-10	1/24/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-10	1/24/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-10	1/24/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-10	1/24/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-11	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-11	1/25/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-11	1/25/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-11	1/25/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-11	1/25/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	0-1	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-12	1/28/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-13	1/26/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-13	1/26/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-13	1/26/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-13	1/26/05	0-1	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-13	1/26/05	1-3	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-14	1/25/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	3-6	Soil	SGS	PCB	

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	10-15	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	3-6	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-15	1/25/05	3-5	Soil	SGS	VOC	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-17	1/25/05	6-10	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-18	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-18	1/25/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-18	1/25/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-18	1/25/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-18	1/25/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-19	1/27/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-19	1/27/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-19	1/27/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-19	1/27/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-19	1/27/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-2	1/27/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-2	1/27/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-2	1/27/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-2	1/27/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-2	1/27/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	0-1	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	1-3	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-20	1/27/05	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-24	1/31/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-24	1/31/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-24	1/31/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-24	1/31/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-24	1/31/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-25	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-25	1/26/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-25	1/26/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-25	1/26/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-25	1/26/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-26	1/24/05	0-1	Soil	SGS	PCB	

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4A-SB-27	1/27/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-27	1/27/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-27	1/27/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-27	1/27/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-27	1/27/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	0-1	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-3	1/31/05	4-6	Soil	SGS	VOC	
Non-Residential Properties Soil Sampling	4A-SB-4	1/31/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-4	1/31/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-4	1/31/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-4	1/31/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-4	1/31/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-5	1/24/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-5	1/24/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-5	1/24/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-5	1/24/05	6-9	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-5	1/24/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-5	1/24/05	1-3	Soil	SGS	VOC, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	0-1	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SB-6	1/31/05	3-5	Soil	SGS	VOC	
Non-Residential Properties Soil Sampling	4A-SB-7	1/28/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-7	1/28/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-7	1/28/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-7	1/28/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-7	1/28/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-8	1/28/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-8	1/28/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-8	1/28/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-8	1/28/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-8	1/28/05	6-10	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-9	1/28/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-9	1/28/05	1-3	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-9	1/28/05	10-15	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-9	1/28/05	3-6	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SB-9	1/28/05	6-10	Soil	SGS	PCB	

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1 1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Non-Residential Properties Soil Sampling	4A-SS-10	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-11	1/24/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-12	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-13	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-14	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-15	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-16	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-17	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-18	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-19	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-19	1/25/05	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Non-Residential Properties Soil Sampling	4A-SS-2	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-20	1/25/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-21	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-22	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-3	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-4	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-5	1/26/05	0-1	Soil	SGS	PCB	
Non-Residential Properties Soil Sampling	4A-SS-7	1/26/05	0-1	Soil	SGS	PCB	
Residential Properties Soil Sampling	3B-A9-17	12/9/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	3B-A9-17	12/9/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	3B-A9-18	12/9/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	3B-A9-18	12/9/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	3B-A9-18	12/9/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	3B-A9-19	12/9/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	3B-A9-19	12/9/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	1/5/05
Residential Properties Soil Sampling	4A-SS-1	1/26/05	0-1	Soil	SGS	PCB	
Residential Properties Soil Sampling	4A-SS-6	1/26/05	0-1	Soil	SGS	PCB	
Residential Properties Soil Sampling	4A-SS-8	1/26/05	0-1	Soil	SGS	PCB	
Residential Properties Soil Sampling	4A-SS-9	1/26/05	0-1	Soil	SGS	PCB	

Note:
1. Field duplicate sample locations are presented in parenthesis.

TABLE 16&17-2
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

SOIL BORING PROGRAM
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID	3B-A9-17	3B-A9-17	3B-A9-18	3B-A9-18
Sample Depth (Feet):	0-1	1-3	0-1	1-3
Date Collected:	12/09/04	12/09/04	12/09/04	12/09/04
Semivolatile Organics				
Acenaphthylene	0.91	ND(0.39)	0.28 J	0.28 J
Anthracene	0.37 J	ND(0.39)	0.18 J	0.18 J
Benzo(a)anthracene	1.1	0.21 J	ND(0.40)	0.26 J
Benzo(a)pyrene	1.3	ND(0.39)	ND(0.40)	0.22 J
Benzo(b)fluoranthene	0.80	ND(0.39)	0.30 J	0.26 J
Benzo(g,h,i)perylene	1.1	ND(0.39)	ND(0.40)	0.22 J
Benzo(k)fluoranthene	0.95	ND(0.39)	ND(0.40)	0.13 J
Chrysene	1.2	ND(0.39)	0.092 J	0.18 J
Fluoranthene	1.2	ND(0.39)	0.10 J	0.19 J
Indeno(1,2,3-cd)pyrene	0.63	ND(0.39)	ND(0.40)	ND(0.38)
Phenanthrene	0.29 J	ND(0.39)	ND(0.40)	0.089 J
Pyrene	1.8	ND(0.39)	0.16 J	0.23 J
Furans				
2,3,7,8-TCDF	0.00000072 J	0.00000045 J	0.0000055 Y	0.0000035 Y
TCDFs (total)	0.0000066	0.0000024	0.000056	0.000056
1,2,3,7,8-PeCDF	ND(0.00000060)	ND(0.00000057)	0.0000020 J	0.0000016 J
2,3,4,7,8-PeCDF	ND(0.00000060)	ND(0.00000057)	0.0000032 J	0.000011
PeCDFs (total)	0.0000023 J	0.00000069 J	0.000033	0.00011
1,2,3,4,7,8-HxCDF	ND(0.00000060)	ND(0.00000057)	0.0000019 J	0.0000034 J
1,2,3,6,7,8-HxCDF	ND(0.00000060)	ND(0.00000057)	0.0000013 J	0.0000030 J
1,2,3,7,8,9-HxCDF	ND(0.00000060)	ND(0.00000057)	ND(0.00000059)	0.00000074 J
2,3,4,6,7,8-HxCDF	ND(0.00000060)	ND(0.00000057)	0.0000016 J	0.0000066
HxCDFs (total)	0.00000073 J	0.00000061 J	0.000018	0.000084
1,2,3,4,6,7,8-HpCDF	0.0000018 J	0.00000078 J	0.0000050 J	0.000012
1,2,3,4,7,8,9-HpCDF	ND(0.00000060)	ND(0.00000057)	ND(0.00000059)	0.0000018 J
HpCDFs (total)	0.0000050 J	0.00000078 J	0.0000084	0.000028
OCDF	0.0000077 J	ND(0.0000011)	0.0000060 J	0.000021
Dioxins				
2,3,7,8-TCDD	ND(0.00000031)	ND(0.00000031)	ND(0.00000026)	ND(0.00000037) X
TCDDs (total)	0.00000066 J	ND(0.00000050)	ND(0.00000055)	ND(0.00000049)
1,2,3,7,8-PeCDD	ND(0.00000060)	ND(0.00000057)	ND(0.00000066) X	ND(0.0000016) X
PeCDDs (total)	ND(0.00000075)	ND(0.00000097)	0.0000011 J	0.0000029 J
1,2,3,4,7,8-HxCDD	ND(0.00000060)	ND(0.00000057)	ND(0.00000059)	ND(0.00000056)
1,2,3,6,7,8-HxCDD	ND(0.00000060)	ND(0.00000057)	ND(0.00000059)	0.0000016 J
1,2,3,7,8,9-HxCDD	ND(0.00000060)	ND(0.00000057)	ND(0.00000059)	0.0000010 J
HxCDDs (total)	0.00000096 J	ND(0.00000069)	0.0000028 J	0.000015
1,2,3,4,6,7,8-HpCDD	0.0000035 J	0.0000015 J	0.0000056 J	0.000016
HpCDDs (total)	0.0000052 J	0.0000023 J	0.000010	0.000032
OCDD	0.000023	0.0000077 J	0.000035	0.00013
Total TEQs (WHO TEFs)	0.00000096	0.00000087	0.0000034	0.0000089
Inorganics				
Antimony	1.80 B	ND(6.00)	1.10 B	ND(6.00)
Arsenic	14.0	8.20	5.30	5.40
Barium	72.0	32.0	34.0	32.0
Beryllium	0.550	0.300 B	0.310 B	0.190 B
Cadmium	1.10	1.50	1.30	1.00
Chromium	13.0	14.0	10.0	7.90
Cobalt	11.0	12.0	9.10	6.30
Copper	43.0	20.0	20.0	20.0
Cyanide	0.110 B	0.350	0.110 B	0.120 B
Lead	140	41.0	87.0	110
Mercury	0.170	0.0620 B	0.0850 B	0.100 B
Nickel	22.0	18.0	16.0	13.0
Selenium	0.850 B	0.690 B	ND(1.00)	0.550 B
Sulfide	ND(6.10)	17.0	7.70	640
Tin	13.0	13.0	6.40 B	6.60 B
Vanadium	17.0	14.0	10.0	8.40
Zinc	100	86.0	98.0	98.0

TABLE 16&17-2
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

SOIL BORING PROGRAM
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	3B-A9-18	3B-A9-19	3B-A9-19
Sample Depth (Feet):	3-5	0-1	1-3
Date Collected:	12/09/04	12/09/04	12/09/04
Semivolatile Organics			
Acenaphthylene	ND(0.40)	0.28 J	ND(0.38)
Anthracene	ND(0.40)	0.21 J	ND(0.38)
Benzo(a)anthracene	ND(0.40)	0.38 J	ND(0.38)
Benzo(a)pyrene	ND(0.40)	0.18 J	ND(0.38)
Benzo(b)fluoranthene	ND(0.40)	0.30 J	ND(0.38)
Benzo(g,h,i)perylene	ND(0.40)	0.19 J	ND(0.38)
Benzo(k)fluoranthene	ND(0.40)	0.11 J	ND(0.38)
Chrysene	ND(0.40)	0.22 J	ND(0.38)
Fluoranthene	ND(0.40)	0.38 J	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.40)	0.12 J	ND(0.38)
Phenanthrene	ND(0.40)	0.20 J	ND(0.38)
Pyrene	ND(0.40)	0.50	ND(0.38)
Furans			
2,3,7,8-TCDF	ND(0.00000032) X	0.0000028 Y	0.00000028 J
TCDFs (total)	0.0000012 J	0.000036	0.00000052 J
1,2,3,7,8-PeCDF	ND(0.00000056)	0.0000013 J	ND(0.00000056)
2,3,4,7,8-PeCDF	ND(0.00000056)	0.0000060	ND(0.00000056)
PeCDFs (total)	ND(0.00000056)	0.000060	ND(0.00000056)
1,2,3,4,7,8-HxCDF	ND(0.00000056)	0.0000021 J	ND(0.00000056)
1,2,3,6,7,8-HxCDF	ND(0.00000056)	0.0000020 J	ND(0.00000056)
1,2,3,7,8,9-HxCDF	ND(0.00000056)	ND(0.00000068) X	ND(0.00000056)
2,3,4,6,7,8-HxCDF	ND(0.00000056)	0.0000038 J	ND(0.00000056)
HxCDFs (total)	0.00000057 J	0.000045	ND(0.00000056)
1,2,3,4,6,7,8-HpCDF	ND(0.00000094) X	0.0000094	ND(0.00000056)
1,2,3,4,7,8,9-HpCDF	ND(0.00000056)	0.0000010 J	ND(0.00000056)
HpCDFs (total)	ND(0.00000056)	0.000021	ND(0.00000056)
OCDF	ND(0.0000011)	0.000018	ND(0.0000011)
Dioxins			
2,3,7,8-TCDD	ND(0.00000032)	ND(0.00000023)	ND(0.00000027)
TCDDs (total)	ND(0.00000051)	ND(0.00000050)	ND(0.00000052)
1,2,3,7,8-PeCDD	ND(0.00000056)	ND(0.00000099) X	ND(0.00000056)
PeCDDs (total)	ND(0.00000079)	0.0000022 J	ND(0.00000056)
1,2,3,4,7,8-HxCDD	ND(0.00000056)	ND(0.00000058)	ND(0.00000056)
1,2,3,6,7,8-HxCDD	ND(0.00000056)	0.0000012 J	ND(0.00000056)
1,2,3,7,8,9-HxCDD	ND(0.00000056)	0.00000080 J	ND(0.00000056)
HxCDDs (total)	ND(0.00000070)	0.0000098	ND(0.00000078)
1,2,3,4,6,7,8-HpCDD	0.00000086 J	0.000017	ND(0.00000076) X
HpCDDs (total)	0.00000086 J	0.000036	ND(0.00000056)
OCDD	ND(0.0000040) X	0.00013	0.0000038 J
Total TEQs (WHO TEFs)	0.00000082	0.0000053	0.00000080
Inorganics			
Antimony	1.20 B	ND(6.00)	ND(6.00)
Arsenic	9.90	6.90	7.40
Barium	44.0	56.0	27.0
Beryllium	0.340 B	0.270 B	0.260 B
Cadmium	1.20	1.20	1.20
Chromium	12.0	9.60	12.0
Cobalt	11.0	7.20	10.0
Copper	23.0	29.0	18.0
Cyanide	0.110 B	0.190 B	0.0800 B
Lead	88.0	140	18.0
Mercury	0.110 B	0.230	0.0370 B
Nickel	20.0	14.0	17.0
Selenium	ND(1.00)	0.870 B	ND(1.00)
Sulfide	73.0	7.50	ND(5.70)
Tin	6.60 B	8.90 B	9.70 B
Vanadium	13.0	13.0	10.0
Zinc	130	130	66.0

TABLE 16&17-2
APPENDIX IX+3 DATA RECEIVED DURING JANUARY 2005

SOIL BORING PROGRAM
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
4. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Indicates an estimated value less than the practical quantitation limit (PQL).
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
JANUARY 2005

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting EPA approval of GE's Pre-Design Investigation Work Plan (submitted on February 26, 2002). (Based on discussions with EPA, it appears that this pre-design sampling will be deferred for some period of time.)*

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

- Participated in meeting with EPA and Natural Resource Trustees on January 5, 2005, and presented outline of proposed bench-scale study work plan for agreement on objectives and direction of bench-scale studies.

- Performed water level monitoring at Silver Lake staff gauge and monitoring wells surrounding the lake (see Item 21.a).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

- Submitted Bench-Scale Study Work Plan for Silver Lake Sediments (January 20, 2005).

- Submitted letter to EPA clarifying specifics of proposed Supplemental Pre-Design Investigations Regarding Metals in Sediments and Pore Water (January 21, 2005).

d. Upcoming Scheduled Activities (next six weeks)

- Continue water-level monitoring at well pairs surrounding the lake.

- Initiate supplemental pre-design investigation activities for Silver Lake sediments.

- Initiate bench-scale study activities upon EPA approval.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of the September 29, 2004 Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake (January 18, 2005).

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

General

Conducted routine groundwater elevation and NAPL monitoring.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. A total of approximately 2.0 gallons of LNAPL was removed from the North Side Caisson, and approximately 1.0 gallon of LNAPL was removed from the South Side Caisson in January.

- Continued routine well monitoring and manual NAPL removal activities. NAPL was not encountered in the wells in this area during January. Several wells were inaccessible due to the presence of plowed snow piles in this area.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,904,380 gallons of groundwater was recovered from pumping systems 64R, 64S, 64V, 64X, RW-1(S), RW-1(X), and RW-2(X). In addition, approximately 1,452 gallons of LNAPL were removed from pumping systems 64R, 64V, RW-1(S), RW-1(X), 64X, and 64S Caisson.

- Continued automated DNAPL removal activities. Removed approximately 53 gallons of DNAPL from pumping system RW-3(X).

- Continued routine well monitoring and manual NAPL removal activities. Approximately 2.196 liters (0.579 gallon) of LNAPL were removed from wells in this area during January.

- Treated/discharged 5,763,171 gallons of water through 64G Groundwater Treatment Facility.

East Street Area 2-North:

No activities were scheduled to be conducted in this area.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JANUARY 2005

a. Activities Undertaken/Completed (cont'd)

20s, 30s, and 40s Complexes:

- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of NAPL were not encountered during January. Several wells were inaccessible due to the presence of plowed snow piles in this area.

- Continued to monitor LNAPL within the hydraulic piston cylinder of Building 43 elevator shaft; no recoverable quantities were encountered.

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. Approximately 10 gallons of LNAPL were removed from System RW-3.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.481 liters (0.391 gallon) of DNAPL were removed from wells in this area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 166 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.667 liter (0.176 gallon) of LNAPL and approximately 1.345 liters (0.355 gallon) of DNAPL were removed from wells in this area during January.

Silver Lake Area:

Continued routine monitoring of staff gauge in lake and groundwater monitoring wells surrounding the lake.

b. Sampling/Test Results Received

See attached tables.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
JANUARY 2005

c. Work Plans/Reports/Documents Submitted

Submitted Interim Groundwater Quality Monitoring Report for Fall 2004 (January 28, 2005).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue routine monitoring activities.
- Submit NAPL Monitoring Report for Fall 2004 (due on or before February 28, 2005).
- Install three soil borings between and downgradient of wells GMA1-15 and GMA1-16. The boring results, in conjunction with data from existing borings, will be utilized to locate at least two new LNAPL monitoring wells in this area.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received conditional approval from EPA for GMA 1 NAPL Monitoring Report for Fall 2003 (January 14, 2005).

TABLE 21-1
AUTOMATED LNAPL & GROUNDWATER RECOVERY SYSTEMS MONTHLY SUMMARY
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	January 2004	2.5	23,700	0.40
	February 2004	0.0	16,300	
	March 2004	0.0	22,500	0.27 - Power Outage
	April 2004	1.0	29,100	
	May 2004	0.0	22,300	
	June 2004	4.3	28,500	
	July 2004	4.4	16,700	
	August 2004	2.0	16,300	
	September 2004	4.0	24,300	
	October 2004	0.0	25,000	0.30
	November 2004	0.0	18,300	0.31 - Power Outage
	December 2004	35.0	32,200	
	January 2005	2.0	32,600	
Southside	January 2004	2.5	72,500	0.40
	February 2004	0.0	5,400	
	March 2004	0.0	68,200	0.27 - Power Outage
	April 2004	1.0	74,600	
	May 2004	0.0	71,500	
	June 2004	0.0	75,300	
	July 2004	4.4	67,100	
	August 2004	0.0	67,300	
	September 2004	0.0	102,700	
	October 2004	2.0	82,700	0.30
	November 2004	2.0	69,600	0.31 - Power Outage
	December 2005	4.0	98,300	
	January 2005	1.0	77,400	

TABLE 21-2
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
52	999.26	1/27/2005	5.00	---	0.00	---	15.24	0.00	994.26
131	1001.18	1/17/2005	3.88	---	0.00	---	6.54	0.00	997.30
140	1000.30	1/17/2005	Buried beneath snow pile						NA
ES1-08	1000.85	1/19/2005	Buried beneath snow pile						NA
North Caisson	997.84	1/5/2005	18.48	18.47	0.01	---	19.80	0.00	979.37
North Caisson	997.84	1/13/2005	18.40	18.36	0.04	---	19.80	0.00	979.48
North Caisson	997.84	1/19/2005	18.18	18.17	0.01	---	19.80	0.00	979.67
North Caisson	997.84	1/25/2005	18.41	18.40	0.01	---	19.80	0.00	979.44
GMA 1 - East Street Area 1 - South									
31R	1000.23	1/20/2005	8.8	---	0.00	---	15.10	0.00	991.43
33	999.50	1/20/2005	Covered with snow						NA
34	999.90	1/20/2005	Covered with snow						NA
72	1000.62	1/20/2005	6.17	---	0.00	---	22.00	0.00	994.45
72R	1000.92	1/20/2005	Covered with snow						NA
89	993.89	1/20/2005	2.29	---	0.00	---	8.90	0.00	991.60
ES1-13	999.93	1/20/2005	6.00	---	0.00	---	12.70	0.00	993.93
ES1-23R	989.94	1/20/2005	2.24	---	0.00	---	NM	0.00	987.70
South Caisson	1001.11	1/5/2005	14.30	14.28	0.02	---	15.00	0.00	986.83
South Caisson	1001.11	1/13/2005	14.50	14.42	0.08	---	15.00	0.00	986.68
South Caisson	1001.11	1/19/2005	14.40	14.38	0.02	---	15.00	0.00	986.73
South Caisson	1001.11	1/25/2005	14.27	14.26	0.01	---	15.00	0.00	986.85

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. NM indicates information not measured.

TABLE 21-3
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
January 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	January 2004	0		
	February 2004	0		0.3
	March 2004	0		0.27 - Power Outage
	April 2004	0		
	May 2004	0		
	June 2004	0		
	July 2004	0		
	August 2004	0		
	September 2004	0		
	October 2004	0		0.30 - Power Outage
	November 2004	0		0.31 - Power Outage
	December 2004	0		
	January 2005	0		
64R	January 2004	50	233,000	
	February 2004	250	1,015,000	0.3
	March 2004	325	897,300	0.94 - Power Outage
	April 2004	975	705,000	
	May 2004	125	629,500	
	June 2004	736	923,500	
	July 2004	380	693,900	
	August 2004	250	330,800	
	September 2004	350	675,600	
	October 2004	175	472,200	0.30 - Power Outage
	November 2004	150	566,100	0.31 - Power Outage
	December 2004	350	630,500	
	January 2005	575	357,900	
64S System	January 2004	1,054	1,237,777	
	February 2004	224	651,804	3.88
	March 2004	1,271	802,349	1.88 - Power Outage
	April 2004	1,374	947,810	
	May 2004	1,045	1,062,518	
	June 2004	772	968,659	
	July 2004	154	349,705	
	August 2004	230	240,781	
	September 2004	479	681,275	
	October 2004	324	1,034,272	0.30 - Power Outage
	November 2004	625	902,053	0.31 - Power Outage
	December 2004	91	1,147,526	
	January 2005	75	844,225	
64V [1]	January 2004	1,768	1,366,300	
	February 2004	408	1,091,800	0.3
	March 2004	1,173	1,370,200	0.27 - Power Outage
	April 2004	1,598	1,212,000	
	May 2004	933	1,313,100	
	June 2004	879	1,444,400	
	July 2004	773	940,100	
	August 2004	772	875,900	
	September 2004	1,170	1,385,900	
	October 2004	920	1,221,100	0.30 - Power Outage
	November 2004	551	1,108,200	0.31 - Power Outage
	December 2004	832	1,460,100	
	January 2005	747	1,103,300	

TABLE 21-3
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
January 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	January 2004	10	676,800	
	February 2004	2	403,200	0.3
	March 2004	4	504,000	0.27 - Power Outage
	April 2004	0	388,800	
	May 2004	10	403,200	
	June 2004	5	518,400	
	July 2004	10	403,200	
	August 2004	31	388,800	
	September 2004	51	518,400	
	October 2004	5	403,200	0.30 - Power Outage
	November 2004	10	388,800	0.31 - Power Outage
	December 2004	10	518,400	
	January 2005	5	388,800	
RW-2(X)	January 2004	0	403,200	
	February 2004	0	580,000	0.3
	March 2004	0	644,300	0.27 - Power Outage
	April 2004	0	518,200	
	May 2004	0	427,200	
	June 2004	0	458,500	
	July 2004	0	1,029,700	
	August 2004	0	1,020,000	
	September 2004	0	1,138,800	0.93
	October 2004	0	911,800	0.30 - Power Outage
	November 2004	0	836,300	0.31 - Power Outage
	December 2004	0	1,111,700	
	January 2005	0	822,500	
RW-1(S) [2]	January 2004	96	1,196,628	
	February 2004	51	832,544	0.3
	March 2004	31	1,114,375	0.27 - Power Outage
	April 2004	76	1,012,477	
	May 2004	36	1,056,169	
	June 2004	419	1,108,600	
	July 2004	196	669,474	
	August 2004	158	709,815	
	September 2004	159	914,647	9.72
	October 2004	1	1,092,740	0.30 - Power Outage
	November 2004	0	977,271	0.31 - Power Outage
	December 2004	11	1,362,634	0.35 - Maintenance
	January 2005	50	998,655	
RW-1(X)	January 2004	0	426,600	
	February 2004	0	382,600	0.3
	March 2004	1	502,100	0.27 - Power Outage
	April 2004	0	387,100	
	May 2004	0	397,200	
	June 2004	5	453,900	
	July 2004	0	363,900	
	August 2004	0	473,200	
	September 2004	10	500,500	
	October 2004	0	501,400	0.30 - Power Outage
	November 2004	0	402,900	0.31 - Power Outage
	December 2004	0	443,700	4.17 - Maintenance
	January 2005	0	389,000	

TABLE 21-3
AUTOMATED LNAPL/DNAPL & GROUNDWATER RECOVERY SYSTEMS
EAST STREET AREA 2 - SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
January 2005

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	January 2004	70		
	February 2004	49		0.3
	March 2004	75		0.27 - Power Outage
	April 2004	79		
	May 2004	55		
	June 2004	169		
	July 2004	57		
	August 2004	47		
	September 2004	67		
	October 2004	52		0.30 - Power Outage
	November 2004	46		0.31 - Power Outage
	December 2004	66		
	January 2005	53		

Summary of Total Automated Removal		
LNAPL:	**1,452**	**Gallons**
DNAPL:	**53**	**Gallons**
Water:	**4,904,380**	**Gallons**

Notes:

1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meter at recovery well RW-1(S) was reset in March 2004.

TABLE 21-4
WELL MONITORING AND RECOVERY OF LNAPL
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2005 Removal (liters)
13	1/17/2005	15.70	15.65	0.05	0.031	0.031
14	1/17/2005	15.85	15.83	0.02	0.012	0.012
26RR	1/21/2005	20.90	20.45	0.45	0.278	0.278
55	1/17/2005	15.65	14.92	0.73	0.450	0.450
GMA1-15	1/17/2005	14.46	13.35	1.11	0.685	0.685
GMA1-16	1/17/2005	11.92	11.42	0.50	0.308	0.308
GMA1-17W	1/17/2005	14.86	14.16	0.70	0.432	0.432

Total LNAPL Removal 20's, 30's & 40's Complexes for January 2005: 0.000 liters
0.000 gallons

Total LNAPL Removal East Street Area 2 - North for January 2005: 0.000 liters
0.000 gallons

Total LNAPL Removal East Street Area 2 - South for January 2005: 2.196 liters
0.579 gallons

Total LNAPL Removal for January 2005: 2.196 liters
0.579 gallons

Note:
1. ft BMP - feet Below Measuring Point.

TABLE 21-5
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
January 2004	6,158,960	132,862	6,291,822
February 2004	4,883,690	186,281	5,069,971
March 2004	5,462,280	112,985	5,575,265
April 2004	5,406,760	169,598	5,576,358
May 2004	5,678,620	236,862	5,915,482
June 2004	4,709,390	350,668	5,060,058
July 2004	4,585,370	316,805	4,902,175
August 2004	4,844,107	310,199	5,154,306
September 2004	5,075,190	248,505	5,323,695
October 2004	6,097,384	260,847	6,358,231
November 2004	5,521,300	180,462	5,701,762
December 2004	5,656,177	152,428	5,808,605
January 2005	5,650,380	112,791	5,763,171

After treatment, the majority of the water processed at GE's Building 64G groundwater treatment facility is discharged to the Housatonic River through NPDES permitted Outfall 005. However, as part of GE's overall efforts to contain NAPL within the site and to optimize NAPL recovery operations, a portion of the treated water discharged from the 64G facility is routed to GE's on-site recharge pond located in East Street Area 2-South.

TABLE 21-6
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
30's Complex									
95-15	986.38	1/17/2005	Buried Under Ice & Snow						NA
GMA1-2	NA	10/6/2004	Buried Under Ice & Snow						NA
GMA1-10	984.86	12/13/2004	Buried Under Ice & Snow						NA
GMA1-12	992.26	1/17/2005	15.92	---	0.00	---	22.17	0.00	976.34
RF-02	982.43	1/17/2005	4.40	---	0.00	---	18.22	0.00	978.03
RF-03	985.40	1/19/2005	9.34	---	0.00	---	18.43	0.00	976.06
RF-03D	985.31	1/19/2005	6.55	---	0.00	---	36.00	0.00	978.76
RF-16	987.91	1/19/2005	Buried Under Ice & Snow						NA
40s Complex									
Bldg. 43 Elev.	NA	1/3/2005	28.17	28.16	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	1/10/2005	28.21	28.20	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	1/24/2005	27.91	27.90	0.01	---	61.69	0.00	NA
95-17	1,007.67	1/19/2005	24.10	---	0.00	---	28.50	0.00	983.57
RF-4	1,011.99	1/17/2005	13.95	---	0.00	---	24.00	0.00	998.04
East Street Area 2 - South									
13	990.88	1/17/2005	15.70	15.65	0.05	---	22.6	0.00	975.23
14	991.61	1/17/2005	15.85	15.83	0.02	---	25.75	0.00	975.78
15R	989.23	1/17/2005	Well not measured - underneath demolition debris						NA
26RR	1,000.58	1/21/2005	20.90	20.45	0.45	---	28.54	0.00	980.10
40R	991.60	1/5/2005	15.38	---	0.00	---	25.00	0.00	976.22
40R	991.60	1/13/2005	16.91	---	0.00	---	25.00	0.00	974.69
40R	991.60	1/19/2005	16.32	---	0.00	---	25.00	0.00	975.28
40R	991.60	1/25/2005	14.70	---	0.00	---	25.00	0.00	976.90
49R	988.71	1/17/2005	13.63	---	0.00	---	24.65	0.00	975.08
49RR	989.80	1/17/2005	14.93	---	0.00	---	23.02	0.00	974.87
50	985.79	1/17/2005	9.50	8.91	0.59	---	23.45	0.00	976.84
53	986.90	1/17/2005	12.45	---	0.00	---	25.83	0.00	974.45
55	989.45	1/17/2005	15.65	14.92	0.73	---	30.02	0.00	974.48
64R	993.37	1/5/2005	15.90	15.80	0.10	---	19.00	0.00	977.56
64R	993.37	1/13/2005	16.32	16.28	0.04	---	19.00	0.00	977.09
64R	993.37	1/19/2005	15.90	15.35	0.55	---	19.00	0.00	977.98
64R	993.37	1/25/2005	16.25	15.70	0.55	---	19.00	0.00	977.63
64S	984.48	1/5/2005	19.50	---	0.00	---	28.70	0.00	964.98
64S	984.48	1/13/2005	18.95	---	0.00	---	28.70	0.00	965.53
64S	984.48	1/19/2005	18.80	---	0.00	---	28.70	0.00	965.68
64S	984.48	1/25/2005	19.10	---	0.00	---	28.70	0.00	965.38
64S-Caisson	NA	1/5/2005	10.03	10.00	0.03	---	14.55	0.00	NA
64S-Caisson	NA	1/13/2005	10.05	10.00	0.05	---	14.55	0.00	NA
64S-Caisson	NA	1/19/2005	10.05	9.90	0.15	---	14.55	0.00	NA
64S-Caisson	NA	1/25/2005	10.08	9.99	0.09	---	14.55	0.00	NA
64V	987.29	1/5/2005	21.80	21.20	0.60	P	29.60	< 0.01	966.05
64V	987.29	1/13/2005	22.00	21.50	0.50	---	29.60	0.00	965.76
64V	987.29	1/19/2005	21.85	21.25	0.60	P	29.60	< 0.01	966.00

TABLE 21-6
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
64V	987.29	1/25/2005	21.70	21.30	0.40	P	29.60	< 0.01	965.96
64X(N)	984.83	1/5/2005	10.30	10.26	0.04	---	15.85	0.00	974.57
64X(N)	984.83	1/13/2005	10.52	10.42	0.10	---	15.85	0.00	974.40
64X(N)	984.83	1/19/2005	10.30	10.20	0.10	---	15.85	0.00	974.62
64X(N)	984.83	1/25/2005	10.95	10.90	0.05	---	15.85	0.00	973.93
64X(S)	981.56	1/5/2005	12.87	P	< 0.01	---	23.82	0.00	968.69
64X(S)	981.56	1/13/2005	12.99	12.98	0.01	---	23.82	0.00	968.58
64X(S)	981.56	1/19/2005	12.86	12.85	0.01	---	23.82	0.00	968.71
64X(S)	981.56	1/25/2005	13.60	13.59	0.01	---	23.82	0.00	967.97
64X(W)	984.87	1/5/2005	16.00	15.98	0.02	---	24.35	0.00	968.89
64X(W)	984.87	1/13/2005	15.22	15.19	0.03	---	24.35	0.00	969.68
64X(W)	984.87	1/19/2005	16.08	16.05	0.03	---	24.35	0.00	968.82
64X(W)	984.87	1/25/2005	15.83	15.81	0.02	---	24.35	0.00	969.06
95-01	983.77	1/17/2005	Buried Under Ice						NA
3-6C-EB-22	986.94	1/17/2005	10.14	---	0.00	---	21.23	0.00	976.80
E2SC-23	992.07	1/17/2005	15.42	---	0.00	---	21.19	0.00	976.65
E2SC-24	987.90	1/17/2005	14.00	---	0.00	---	21.59	0.00	973.90
GMA1-13	991.41	1/17/2005	16.37	---	0.00	---	27.16	0.00	975.04
GMA1-14	997.43	1/17/2005	17.76	---	0.00	---	23.61	0.00	979.67
GMA1-15	988.59	1/17/2005	14.46	13.35	1.11	---	17.83	0.00	975.16
GMA1-16	986.82	1/17/2005	11.92	11.42	0.50	---	20.01	0.00	975.37
GMA1-17E	993.03	1/17/2005	14.85	---	0.00	---	17.30	0.00	978.18
GMA1-17W	992.63	1/17/2005	14.86	14.16	0.70	---	23.26	0.00	978.42
HR-G1-MW-1	982.42	1/17/2005	8.63	---	0.00	---	20.30	0.00	973.79
HR-G1-MW-2	980.23	1/17/2005	6.21	---	0.00	---	28.45	0.00	974.02
HR-G1-MW-3	980.21	1/17/2005	6.66	---	0.00	---	17.84	0.00	973.55
HR-G2-MW-1	982.60	1/17/2005	9.11	---	0.00	---	18.24	0.00	973.49
HR-G2-MW-2	981.39	1/17/2005	6.79	---	0.00	---	17.66	0.00	974.60
HR-G2-MW-3	987.14	1/18/2005	12.71	---	0.00	---	22.08	0.00	974.43
HR-G2-RW-1	976.88	1/18/2005	3.65	---	0.00	---	18.38	0.00	974.15
HR-G3-MW-1	982.45	1/18/2005	12.89	---	0.00	---	17.88	0.00	969.56
HR-G3-MW-2	987.88	1/18/2005	13.36	---	0.00	---	17.86	0.00	974.52
HR-G3-RW-1	977.78	1/18/2005	3.12	---	0.00	---	8.78	0.00	974.66
HR-J1-MW-1	985.95	1/18/2005	11.63	---	0.00	---	26.08	0.00	974.32
HR-J1-MW-2	983.56	1/18/2005	Buried Under Ice & Debris						NA
HR-J1-MW-3	987.68	1/18/2005	13.15	---	0.00	---	26.53	0.00	974.53
HR-J1-RW-1	975.05	1/18/2005	1.22	---	0.00	---	15.08	0.00	973.83
RW-1(S)	987.23	1/5/2005	19.90	19.30	0.60	P	28.60	< 0.01	967.89
RW-1(S)	987.23	1/13/2005	20.30	19.00	1.30	P	28.60	< 0.01	968.14
RW-1(S)	987.23	1/19/2005	19.90	17.90	2.00	---	28.60	0.00	969.19
RW-1(S)	987.23	1/25/2005	19.60	18.50	1.10	---	28.60	0.00	968.65
RW-1(X)	982.68	1/5/2005	13.80	---	0.00	---	20.80	0.00	968.88
RW-1(X)	982.68	1/13/2005	13.30	---	0.00	---	20.80	0.00	969.38
RW-1(X)	982.68	1/19/2005	12.68	---	0.00	---	20.80	0.00	970.00

TABLE 21-6
ROUTINE WELL MONITORING
EAST STREET AREA 2 - NORTH & SOUTH / 20s, 30s, & 40s COMPLEXES
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
RW-1(X)	982.68	1/25/2005	13.80	---	0.00	---	20.80	0.00	968.88
RW-2(X)	985.96	1/5/2005	10.47	---	0.00	---	15.30	0.00	975.49
RW-2(X)	985.96	1/13/2005	11.60	---	0.00	---	15.30	0.00	974.36
RW-2(X)	985.96	1/19/2005	11.45	---	0.00	---	15.30	0.00	974.51
RW-2(X)	985.96	1/25/2005	12.40	---	0.00	---	15.30	0.00	973.56
RW-3(X)	980.28	1/5/2005	7.60	---	0.00	42.10	44.40	2.30	972.68
RW-3(X)	980.28	1/13/2005	6.70	---	0.00	41.80	44.40	2.60	973.58
RW-3(X)	980.28	1/19/2005	6.60	---	0.00	41.80	44.40	2.60	973.68
RW-3(X)	980.28	1/25/2005	7.60	---	0.00	41.90	44.40	2.50	972.68
TMP-1	992.74	1/18/2005	17.90	---	0.00	---	21.91	0.00	974.84
Housatonic River									
SG-HR-1	990.73	1/7/2005	15.40	See Note 8 regarding depth to water					975.33
SG-HR-1	990.73	1/14/2005	15.18	See Note 8 regarding depth to water					975.55
SG-HR-1	990.73	1/17/2005	16.80	See Note 8 regarding depth to water					973.93
SG-HR-1	990.73	1/28/2005	NM	Frozen, could not be gauged					NM
Housatonic River (Temp Mon Pt.)	NA	---	---	See Note 9 regarding depth to water					NA

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle of the well casing.
7. No measurements were obtained at this time due to the operation of the auto skimmer.
8. A survey reference point (SG-HR-1) was established on the Newell Street Bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.
9. A data logger has been placed at this location. Data is collected and subsequently presented in the Semi-Annual GMA 1 Baseline Groundwater Monitoring Reports.

TABLE 21-7
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
January 2003	272,679	--	--	20
February 2003	228,093	--	--	20
March 2003	287,152	--	--	20
April 2003	518,782	--	--	10
May 2003	281,349	--	--	10
June 2003	266,987	--	--	10
July 2003	244,776	--	--	10
August 2003	290,984	--	--	10
September 2003	309,162	--	--	20
October 2003	485,653	--	--	20
November 2003	363,979	--	--	10
December 2003	490,517	--	--	--
January 2004	299,584	--	--	--
February 2004	305,485	--	--	--
March 2004	409,514	--	--	--
April 2004	344,707	--	--	1
May 2004	307,361	--	--	--
June 2004	410,230	--	--	--
July 2004	328,363	--	--	--
August 2004	310,473	--	--	--
September 2004	499,209	--	1	20
October 2004	426,078	--	--	--
November 2004	421,409	--	--	12
December 2004	539,528	--	--	10
January 2005	443,634	0	0	10

TABLE 21-7
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Notes:
1. Volume of water pumped is total from wells RW-1R, RW-2 and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. There was no downtime during January 2005.

TABLE 21-8
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	January 2005 Removal (liters)
LS-34	1/18/2005	11.28	27.45	1.19	0.734	0.734
LSSC-07	1/7/2005	7.93	24.60	0.48	0.296	0.735
	1/14/2005	7.67	24.80	0.28	0.173	
	1/28/2005	9.05	24.65	0.43	0.266	
LSSC-08I	1/7/2005	8.62	23.37	0.01	0.006	0.012
	1/28/2005	10.40	23.37	0.01	0.006	

Total Manual DNAPL Removal for January 2005: 1.481 liters
0.391 gallons

Note:
1. ft BMP - feet Below Measuring Point.

TABLE 21-9
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
E-07	982.87	1/18/2005	5.39	---	0.00	---	19.78	0.00	977.48
EPA-01	983.04	1/18/2005	8.15	---	0.00	---	22.65	0.00	974.89
LS-24	986.58	1/18/2005	12.00	---	0.00	---	15.28	0.00	974.58
LS-31	987.09	1/18/2005	12.45	---	0.00	21.70	22.14	0.44	974.64
LS-32	985.75	1/18/2005	12.33	---	0.00	22.80	23.24	0.44	973.42
LS-34	985.79	1/18/2005	11.28	---	0.00	27.45	28.64	1.19	974.51
LS-38	986.95	1/18/2005	13.20	---	0.00	---	25.15	0.00	973.75
LS-43	981.17	1/18/2005	Covered With Ice						NA
LS-44	980.78	1/18/2005	7.12	---	0.00	---	24.75	0.00	973.66
LSSC-07	982.48	1/7/2005	7.93	---	0.00	24.60	25.08	0.48	974.55
LSSC-07	982.48	1/14/2005	7.67	---	0.00	24.80	25.08	0.28	974.81
LSSC-07	982.48	1/18/2005	9.21	---	0.00	24.82	25.00	0.18	973.27
LSSC-07	982.48	1/28/2005	9.05	---	0.00	24.65	25.08	0.43	973.43
LSSC-08I	983.13	1/7/2005	8.62	---	0.00	23.37	23.38	0.01	974.51
LSSC-08I	983.13	1/14/2005	8.48	---	0.00	23.38	23.38	0.00	974.65
LSSC-08I	983.13	1/19/2005	8.30	---	0.00	---	23.39	0.00	974.83
LSSC-08I	983.13	1/28/2005	10.40	---	0.00	23.37	23.38	0.01	972.73
LSSC-08S	983.11	1/19/2005	8.52	---	0.00	---	14.68	0.00	974.59
LSSC-16I	980.88	1/18/2005	6.50	---	0.00	---	28.40	0.00	974.38
LSSC-18	987.32	1/18/2005	12.66	---	0.00	---	18.58	0.00	974.66
LSSC-32	980.68	1/18/2005	6.55	---	0.00	---	35.30	0.00	974.13
LSSC-33	980.49	1/18/2005	6.58	---	0.00	---	29.76	0.00	973.91
LSSC-34I	984.74	1/18/2005	10.80	---	0.00	27.70	28.50	0.80	973.94
MW-4R	980.82	1/18/2005	6.69	---	0.00	---	14.06	0.00	974.13
MW-6R	985.14	1/19/2005	9.30	---	0.00	---	13.91	0.00	975.84
RW-1	984.88	1/5/2005	11.20	---	0.00	P	21.00	< 0.01	973.68
RW-1	984.88	1/13/2005	10.90	---	0.00	P	21.00	< 0.01	973.98
RW-1	984.88	1/19/2005	10.58	---	0.00	P	21.00	< 0.01	974.30
RW-1	984.88	1/25/2005	10.99	P	< 0.01	P	21.00	< 0.01	973.89
RW-1 (R)	985.07	1/5/2005	15.80	---	0.00	P	20.42	< 0.01	969.27
RW-1 (R)	985.07	1/13/2005	15.33	---	0.00	P	20.42	< 0.01	969.74
RW-1 (R)	985.07	1/19/2005	15.65	---	0.00	P	20.42	< 0.01	969.42
RW-1 (R)	985.07	1/25/2005	15.70	P	< 0.01	P	20.42	< 0.01	969.37
RW-2	987.82	1/5/2005	13.70	---	0.00	---	21.75	0.00	974.12
RW-2	987.82	1/13/2005	13.90	---	0.00	---	21.75	0.00	973.92
RW-2	987.82	1/19/2005	13.40	---	0.00	---	21.75	0.00	974.42
RW-2	987.82	1/25/2005	15.00	---	0.00	---	21.75	0.00	972.82
RW-3	984.08	1/5/2005	16.45	16.20	0.25	---	21.57	0.00	967.86
RW-3	984.08	1/13/2005	16.92	16.62	0.30	---	21.57	0.00	967.44
RW-3	984.08	1/19/2005	16.52	16.40	0.12	---	21.57	0.00	967.67
RW-3	984.08	1/25/2005	16.30	16.20	0.10	---	21.57	0.00	967.87

TABLE 21-9
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	1/7/2005	10.80	See Note 6 regarding depth to water					975.52
BM-2A	986.32	1/14/2005	12.40	See Note 6 regarding depth to water					973.92
BM-2A	986.32	1/17/2005	12.30	See Note 6 regarding depth to water					974.02
BM-2A	986.32	1/28/2005	NM	Frozen, could not gauge					NM

Notes:

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

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Conducted river elevation monitoring at Oxbow J & K footbridge as part of the quarterly groundwater and NAPL monitoring program for the site.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

No activities are anticipated to be conducted in the next six weeks; however, the next semi-annual groundwater elevation monitoring will be conducted in spring 2005.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
QUARTERLY GROUNDWATER AND NAPL MONITORING FOR PITTSFIELD SITE
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Footbridge)									
GMA2-SG-1	989.82	1/18/2005	15.28	See Note 1 regarding depth to water					974.54

Note:

1. A survey reference point was established on the Oxbow J & K footbridge. The "Depth to Water" value(s) provided in the above table refers to the vertical distance from the surveyed reference point to the water surface.

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Conducted quarterly groundwater elevation monitoring and NAPL monitoring/removal activities. Approximately 10.233 liters (2.70 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 6.58 liters (1.74 gallons) of LNAPL were manually removed from the wells in this area.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted proposals for additional activities to further evaluate the presence of NAPL in the vicinity of Buildings 51 and 59 (January 20, 2005).

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

- Continue ongoing groundwater and NAPL monitoring and recovery activities.
- Submit Interim Groundwater Quality and NAPL Monitoring Report for Fall 2004 (due on or before February 28, 2005).
- Decommission wells 54B, 89D, and 95C and install replacement monitoring wells 54B-R and 89D-R (see Item 23.e below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

The decommissioning of wells 54B, 89D, and 95C and installation of replacement wells 54B-R and 89D-R have been delayed due to the presence of standing water at these locations. EPA has approved a revised location for well 54B-R and this well will be installed after an access route to the new location can be established.

f. Proposed/Approved Work Plan Modifications

Modifications to the GMA 3 NAPL monitoring program (i.e., well installations and NAPL sampling) were contained in GE's January 20, 2005 proposal and will be implemented following approval by EPA.

TABLE 23-1
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	January 2005 Removal (liters)
51-08	1/14/2005	11.15	10.50	0.65	0.401	0.401
51-17	1/19/2005	10.49	9.10	1.39	0.858	0.858
51-19	1/19/2005	10.57	9.45	1.12	0.690	0.690
51-21	1/5/2005	15.00	P	< 0.01	3.411	10.233
	1/13/2005	15.02	P	< 0.01	2.274	
	1/19/2005	14.45	---	0.00	2.274	
	1/25/2005	14.71	P	< 0.01	2.274	
59-03R	1/19/2005	11.70	10.52	1.18	0.728	0.728
GMA3-10	1/7/2005	11.65	10.84	0.81	0.500	1.926
	1/14/2005	11.60	10.80	0.80	0.494	
	1/20/2005	11.19	10.30	0.89	0.549	
	1/28/2005	11.10	10.48	0.62	0.383	
GMA3-12	1/7/2005	11.41	11.23	0.18	0.445	1.977
	1/14/2005	11.31	11.16	0.15	0.371	
	1/20/2005	10.90	10.73	0.17	0.420	
	1/28/2005	11.20	10.90	0.30	0.741	

Total Automated LNAPL Removal at well 51-21 for January 2005: 10.233 liters
2.70 Gallons

Total Manual LNAPL Removal at all other wells for January 2005: 6.580 liters
1.74 Gallons

Total LNAPL Removed for January 2005: 16.813 liters
4.44 Gallons

Notes:

1. ft BMP - feet Below Measuring Point.
2. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as such.

TABLE 23-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
002A	994.16	1/18/2005	7.47	---	0.00	---	9.38	0.00	986.69
006B-R	NA	1/18/2005	6.01	---	0.00	---	14.73	0.00	NA
016B-R	994.87	1/18/2005	8.71	---	0.00	---	16.37	0.00	986.16
016C-R	NA	1/18/2005	7.31	---	0.00	---	95.42	0.00	NA
039B-R	991.97	1/18/2005	5.48	---	0.00	---	13.84	0.00	986.49
039D	992.16	1/18/2005	5.43	---	0.00	---	66.09	0.00	986.73
039E	992.21	1/18/2005	4.94	---	0.00	---	> 151.00	0.00	987.27
043A	993.79	1/19/2005	5.18	---	0.00	---	51.52	0.00	988.61
043B	993.61	1/19/2005	5.40	---	0.00	---	16.24	0.00	988.21
050B	991.76	1/19/2005	2.70	---	0.00	---	15.01	0.00	989.06
054B	987.96	1/19/2005	Frozen at 3.06						NA
078B-R	988.83	1/19/2005	Could Not Find Under Ice						NA
082B-R	NA	1/19/2005	3.48	---	0.00	---	11.81	0.00	NA
095A	987.18	1/19/2005	6.00	---	0.00	---	51.00	0.00	981.18
095B-R	NA	1/19/2005	5.20	---	0.00	---	15.57	0.00	NA
095C	988.16	1/19/2005	2.68	---	0.00	---	NM	0.00	985.48
111A-R	NA	1/18/2005	12.44	---	0.00	---	52.05	0.00	NA
111B	996.75	1/18/2005	12.41	P	< 0.01	---	16.35	0.00	984.34
114A	986.16	1/19/2005	5.55	---	0.00	---	52.32	0.00	980.61
114B-R	NA	1/19/2005	5.72	---	0.00	---	15.36	0.00	NA
51-05	996.44	1/20/2005	9.49	9.45	0.04	---	12.41	0.00	986.99
51-06	997.36	1/20/2005	10.10	P	< 0.01	---	14.57	0.00	987.26
51-07	997.08	1/19/2005	Buried beneath snow pile						NA
51-08	997.08	1/7/2005	10.80	10.60	0.20	---	14.66	0.00	986.47
51-08	997.08	1/14/2005	11.15	10.50	0.65	---	14.65	0.00	986.53
51-08	997.08	1/19/2005	10.20	10.11	0.09	---	14.79	0.00	986.96
51-08	997.08	1/28/2005	10.45	10.42	0.03	---	14.67	0.00	986.66
51-09	997.70	1/20/2005	9.53	---	0.00	---	11.61	0.00	988.17
51-11	994.37	1/20/2005	7.17	---	0.00	---	13.40	0.00	987.20
51-12	996.55	1/20/2005	6.52	---	0.00	---	11.10	0.00	990.03
51-13	997.42	1/20/2005	Dry	---	0.00	---	10.05	0.00	< 987.37
51-14	996.77	1/20/2005	9.93	---	0.00	---	15.02	0.00	986.84
51-15	996.43	1/20/2005	9.45	9.44	0.01	---	14.48	0.00	986.99
51-16R	996.39	1/20/2005	9.38	---	0.00	---	14.55	0.00	987.01
51-17	996.43	1/19/2005	10.49	9.10	1.39	---	14.56	0.00	987.23
51-18	997.12	1/19/2005	10.10	---	0.00	---	12.70	0.00	987.02
51-19	996.43	1/19/2005	10.57	9.45	1.12	---	14.16	0.00	986.90
51-21	1001.49	1/5/2005	15.00	P	< 0.01	---	NM	0.00	986.49
51-21	1001.49	1/13/2005	15.02	P	< 0.01	---	NM	0.00	986.47
51-21	1001.49	1/19/2005	14.45	---	0.00	---	NM	0.00	987.04
51-21	1001.49	1/25/2005	14.71	P	< 0.01	---	NM	0.00	986.78
59-01	997.52	1/19/2005	10.50	---	0.00	---	11.40	0.00	987.02
59-03R	997.64	1/19/2005	11.70	10.52	1.18	---	17.06	0.00	987.04
59-07	997.96	1/19/2005	10.80	10.80	0.00	---	23.52	0.00	987.16
GMA3-2	991.94	1/19/2005	6.54	---	0.00	---	14.98	0.00	985.40
GMA3-3	990.45	1/19/2005	1.20	---	0.00	---	12.23	0.00	989.25

TABLE 23-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
January 2005

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-4	994.60	1/19/2005	6.38	---	0.00	---	13.25	0.00	988.22
GMA3-5	993.67	1/18/2005	7.02	P	< 0.01	---	15.43	0.00	986.65
GMA3-6	997.49	1/20/2005	10.08	---	0.00	---	17.99	0.00	987.41
GMA3-7	1000.17	1/20/2005	9.93	---	0.00	---	19.92	0.00	990.24
GMA3-9	992.39	1/19/2005	9.04	---	0.00	---	15.72	0.00	983.35
GMA3-10	997.54	1/7/2005	11.65	10.84	0.81	---	18.01	0.00	986.64
GMA3-10	997.54	1/14/2005	11.60	10.80	0.80	---	18.01	0.00	986.68
GMA3-10	997.54	1/20/2005	11.19	10.30	0.89	---	18.01	0.00	987.18
GMA3-10	997.54	1/28/2005	11.10	10.48	0.62	---	18.02	0.00	987.02
GMA3-11	997.25	1/20/2005	9.75	---	0.00	---	18.50	0.00	987.50
GMA3-12	997.84	1/7/2005	11.41	11.23	0.18	---	21.24	0.00	986.60
GMA3-12	997.84	1/14/2005	11.31	11.16	0.15	---	21.24	0.00	986.67
GMA3-12	997.84	1/20/2005	10.90	10.73	0.17	---	21.25	0.00	987.10
GMA3-12	997.84	1/28/2005	11.20	10.90	0.30	---	21.25	0.00	986.92
OBG-2	992.20	1/19/2005	3.85	---	0.00	---	14.87	0.00	988.35
UB-MW-10	995.99	1/19/2005	8.80	---	0.00	---	15.63	0.00	987.19
UB-PZ-1	999.70	1/20/2005	12.51	---	0.00	---	12.88	0.00	987.19
UB-PZ-2	994.77	1/20/2005	Well Damaged, unable to gauge						NA
UB-PZ-3	998.15	1/20/2005	11.60	11.10	0.50	---	13.42	0.00	987.02
Unkamet Brook Staff Gauges									
GMA3-SG-1	NA	--	NM	See Note 6 regarding depth to water					NA
GMA3-SG-2	NA	--	NM	See Note 6 regarding depth to water					NA
GMA3-SG-3	NA	--	NM	See Note 6 regarding depth to water					NA
GMA3-SG-4	NA	--	NM	See Note 6 regarding depth to water					NA

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
6. Staff gauges were not available to take water level readings. New staff gauges to be installed.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

Initiated preparation of Interim Groundwater Quality Monitoring Report for Fall 2004.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

Submit Interim Groundwater Quality Monitoring Report for Fall 2004 (due on or before February 28, 2005).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
JANUARY 2005

*** All activities described below for this item were conducted pursuant to the Consent Decree.**

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled and Anticipated Activities (next six weeks)

No activities are anticipated to be conducted in the next six weeks; however, the next semi-annual groundwater elevation monitoring will be conducted in spring 2005.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records and Results
January 2005

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

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A6212	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	001-A6214	1/3/05	Water	SGS	PCB	1/11/05
NPDES Sampling	001-A6221	1/4/05	Water	SGS	TSS	1/20/05
NPDES Sampling	005-A6181/A6182	12/21/04	Water	SGS	PCB	1/4/05
NPDES Sampling	005-A6194/A6195	12/28/04	Water	SGS	PCB	1/4/05
NPDES Sampling	005-A6223/A6224	1/4/05	Water	SGS	PCB	1/20/05
NPDES Sampling	005-A6223/A6224	1/4/05	Water	SGS	TSS, BOD	1/20/05
NPDES Sampling	005-A6240/A6241	1/11/05	Water	SGS	PCB	1/20/05
NPDES Sampling	005-A6260/A6261	1/18/05	Water	SGS	PCB	1/25/05
NPDES Sampling	005-A6267/A6268	1/24/05	Water	SGS	PCB	
NPDES Sampling	006-A6209	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	006-A6211	1/3/05	Water	SGS	PCB	1/11/05
NPDES Sampling	007-A6199	1/3/05	Water	SGS	PCB	1/11/05
NPDES Sampling	01A-A6251	1/14/05	Water	SGS	Oil & Grease	1/25/05
NPDES Sampling	01A-A6253	1/14/05	Water	SGS	PCB	1/25/05
NPDES Sampling	05A-A6203	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	05A-A6205	1/3/05	Water	SGS	PCB	1/11/05
NPDES Sampling	05B-A6206	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	05B-A6208	1/3/05	Water	SGS	PCB	1/11/05
NPDES Sampling	06A-A6248	1/14/05	Water	SGS	Oil & Grease	1/25/05
NPDES Sampling	06A-A6250	1/14/05	Water	SGS	PCB	1/25/05
NPDES Sampling	09A-A6219	1/3/05	Water	SGS	BOD	1/11/05
NPDES Sampling	09A-A6219	1/3/05	Water	SGS	TSS	1/11/05
NPDES Sampling	09B-A6183	12/21/04	Water	SGS	TSS, BOD	1/4/05
NPDES Sampling	09B-A6187	12/26/04	Water	SGS	TSS	1/5/05
NPDES Sampling	09B-A6192	12/27/04	Water	SGS	BOD	1/5/05
NPDES Sampling	09B-A6220	1/3/05	Water	SGS	BOD	1/11/05
NPDES Sampling	09B-A6220	1/3/05	Water	SGS	TSS	1/11/05
NPDES Sampling	09B-A6238	1/10/05	Water	SGS	TSS, BOD	1/20/05
NPDES Sampling	09B-A6257	1/17/05	Water	SGS	BOD	1/25/05
NPDES Sampling	09B-A6257	1/17/05	Water	SGS	TSS	1/25/05
NPDES Sampling	09C-A6185	12/22/04	Water	SGS	Oil & Grease	1/5/05
NPDES Sampling	09C-A6200	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	09C-A6202	1/3/05	Water	SGS	PCB	1/11/05
NPDES Sampling	09C-A6243	1/13/05	Water	SGS	Oil & Grease	1/25/05
NPDES Sampling	64G-A6178	12/20/04	Water	SGS	Oil & Grease	1/4/05
NPDES Sampling	64G-A6190	12/27/04	Water	SGS	Oil & Grease	1/5/05
NPDES Sampling	64G-A6217	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	64G-A6227	1/4/05	Water	SGS	VOC	1/20/05
NPDES Sampling	64G-A6228	1/4/05	Water	SGS	SVOC	1/20/05
NPDES Sampling	64G-A6236	1/10/05	Water	SGS	Oil & Grease	1/20/05

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING JANUARY 2005

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	64G-A6255	1/17/05	Water	SGS	Oil & Grease	1/25/05
NPDES Sampling	64G-A6264	1/24/05	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6271	1/31/05	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6176	12/20/04	Water	SGS	Oil & Grease	1/4/05
NPDES Sampling	64T-A6188	12/27/04	Water	SGS	Oil & Grease	1/5/05
NPDES Sampling	64T-A6215	1/3/05	Water	SGS	Oil & Grease	1/11/05
NPDES Sampling	64T-A6234	1/10/05	Water	SGS	Oil & Grease	1/20/05
NPDES Sampling	64T-A6258	1/17/05	Water	SGS	Oil & Grease	1/25/05
NPDES Sampling	64T-A6262	1/24/05	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6269	1/31/05	Water	SGS	Oil & Grease	
NPDES Sampling	A6197R	1/4/05	Water	SGS	Acute Toxicity Test	1/19/05
NPDES Sampling	A6197RCN	1/4/05	Water	SGS	CN	1/20/05
NPDES Sampling	A6197RTM	1/4/05	Water	SGS	Metals (10)	1/20/05
NPDES Sampling	A6198C	1/4/05	Water	SGS	Acute Toxicity Test	1/19/05
NPDES Sampling	A6198CCN	1/4/05	Water	SGS	CN	1/20/05
NPDES Sampling	A6198CDM	1/4/05	Water	SGS	Filtered Metals (8)	1/20/05
NPDES Sampling	A6198CTM	1/4/05	Water	SGS	Metals (10)	1/20/05
NPDES Sampling	DEC04WK4	12/21/04	Water	SGS	Cu, Pb, Zn	1/4/05
NPDES Sampling	JAN05WK1	12/28/04	Water	SGS	Cu, Pb, Zn	1/4/05
NPDES Sampling	JAN05WK3	1/11/05	Water	SGS	Cu, Pb, Zn	1/20/05
NPDES Sampling	JAN05WK4	1/18/05	Water	SGS	Cu, Pb, Zn	1/25/05
NPDES Sampling	JAN05WK5	1/25/05	Water	SGS	Cu, Pb, Zn	
NPDES Sampling	SR068-A6245	1/14/05	Water	SGS	Oil & Grease	1/25/05
NPDES Sampling	SR068-A6247	1/14/05	Water	SGS	PCB	1/25/05

TABLE A-2
DATA RECEIVED DURING JANUARY 2005

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

Parameter / Sample ID: / Date Collected:	001-A6212 01/03/05	001-A6214 01/03/05	001-A6221 01/04/05	01A-A6251 01/14/05	01A-A6253 01/14/05	005-A6181/A6182 12/21/04	005-A6194/A6195 12/28/04	005-A6223/A6224 01/04/05
Volatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	0.00025	NA	NA	0.0024	ND(0.000065)	ND(0.000065)	0.000081
Aroclor-1260	NA	0.00018	NA	NA	0.00076	ND(0.000065)	ND(0.000065)	0.000059 J
Total PCBs	NA	0.00043	NA	NA	0.00316	ND(0.000065)	ND(0.000065)	0.00014
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	ND(2.0)
Oil & Grease	ND(5.0)	NA	NA	4.4 B	NA	NA	NA	NA
Total Suspended Solids	NA	NA	16.0	NA	NA	NA	NA	9.00

TABLE A-2
DATA RECEIVED DURING JANUARY 2005

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

Parameter / Sample ID: / Date Collected:	005-A6240/A6241 01/11/05	005-A6260/A6261 01/18/05	05A-A6203 01/03/05	05A-A6205 01/03/05	05B-A6206 01/03/05	05B-A6208 01/03/05	006-A6209 01/03/05	006-A6211 01/03/05	06A-A6248 01/14/05
Volatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	0.000031 J	ND(0.000065)	NA	0.0020	NA	0.0036	NA	0.00013	NA
Aroclor-1260	ND(0.000065)	ND(0.000065)	NA	0.0025	NA	0.0038	NA	0.00016	NA
Total PCBs	0.000031 J	ND(0.000065)	NA	0.0045	NA	0.0074	NA	0.00029	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	ND(5.0)	NA	ND(5.0)	NA	4.1 B	NA	6.2
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2005

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

Parameter / Sample ID: / Date Collected:	06A-A6250 01/14/05	007-A6199 01/03/05	09A-A6219 01/03/05	09B-A6183 12/21/04	09B-A6187 12/26/04	09B-A6192 12/27/04	09B-A6220 01/03/05	09B-A6238 01/10/05	09B-A6257 01/17/05
Volatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered									
Aroclor-1254	0.00068	0.000093	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	0.0015	0.00012	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.00218	0.000213	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	9.6	2.3	NA	ND(2.0)	ND(2.0)	ND(2.0)	3.1
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	6.00	5.00	7.00	NA	5.00	ND(5.00)	7.00

TABLE A-2
DATA RECEIVED DURING JANUARY 2005

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

Parameter / Sample ID: / Date Collected:	09C-A6185 12/22/04	09C-A6200 01/03/05	09C-A6202 01/03/05	09C-A6243 01/13/05	64G-A6178 12/20/04	64G-A6190 12/27/04	64G-A6217 01/03/05	64G-A6227 01/04/05	64G-A6228 01/04/05
Volatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	--	NA
PCBs-Unfiltered									
Aroclor-1254	NA	NA	0.000041 J	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	0.000045 J	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	0.000086 J	NA	NA	NA	NA	NA	NA
Semivolatile Organics									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	--
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	ND(5.0)	NA	4.1 B	ND(5.0)	4.1 B	ND(5.0)	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2005

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

Parameter / Sample ID: / Date Collected:	64G-A6236 01/10/05	64G-A6255 01/17/05	64T-A6176 12/20/04	64T-A6188 12/27/04	64T-A6215 01/03/05	64T-A6234 01/10/05	64T-A6258 01/17/05	A6197RCN 01/04/05	A6197RTM 01/04/05	A6198CCN 01/04/05
Volatile Organics										
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered										
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics										
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	0.140	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00100)	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	12.0	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	0.00280 B	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	0.00270 B	NA	0.0180 B
Lead	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	4.50	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	0.0200	NA
Inorganics-Filtered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	2.6 B	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	4.7 B	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING JANUARY 2005

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

Parameter / Sample ID: / Date Collected:	A6198CDM 01/04/05	A6198CTM 01/04/05	DEC04WK4 12/21/04	JAN05WK1 12/28/04	JAN05WK3 01/11/05	JAN05WK4 01/18/05	SR068-A6245 01/14/05	SR068-A6247 01/14/05
Volatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	0.0022
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	0.0026
Total PCBs	NA	NA	NA	NA	NA	NA	NA	0.0048
Semivolatile Organics								
None Detected	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	0.320	NA	NA	NA	NA	NA	NA
Cadmium	NA	ND(0.00100)	NA	NA	NA	NA	NA	NA
Calcium	NA	32.0	NA	NA	NA	NA	NA	NA
Chromium	NA	0.00190 B	NA	NA	NA	NA	NA	NA
Copper	NA	0.0230	0.00230 B	0.00280 B	0.00540	0.00530	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	0.0120	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)	NA	NA
Magnesium	NA	13.0	NA	NA	NA	NA	NA	NA
Nickel	NA	0.00180 B	NA	NA	NA	NA	NA	NA
Silver	NA	0.00170 B	NA	NA	NA	NA	NA	NA
Zinc	NA	0.0950	0.0160 B	0.0160 B	0.0180 B	0.0210	NA	NA
Inorganics-Filtered								
Aluminum	ND(0.100)	NA	NA	NA	NA	NA	NA	NA
Cadmium	ND(0.00100)	NA	NA	NA	NA	NA	NA	NA
Chromium	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Copper	0.00820	NA	NA	NA	NA	NA	NA	NA
Lead	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Nickel	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Silver	ND(0.00500)	NA	NA	NA	NA	NA	NA	NA
Zinc	0.0570	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	7.5	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1. Samples were collected by General Electric Company and submitted to CT&E Environmental Services, Inc. for analysis of volatiles, PCBs, semivolatiles, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. With the exception of inorganics and conventional parameters only those constituents detected in one or more samples are summarized.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics

J - Indicates an estimated value less than the practical quantitation limit (PQL).

Inorganics and Conventional Parameters

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

Attachment B

NPDES Discharge Monitoring Reports
December 2004

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	001 1

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO SILVER LAKE

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved. OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		8.3	******	8.4	(12) SU	0	01/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	4.2	4.2	(26) LBS/DY	******	******	******		0	01/30	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	138 MO AVG	528 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/30	GR
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	319 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	0.00002	(26) LBS/DY	******	******	******		0	01/30	GR
39516 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.125	0.840	(03) MGD	******	******	******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	******	******	******	**** ****		CONTIN UOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFICATION	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (AREA CODE / NUMBER)	DATE (YEAR / MO / DAY)
Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 ~~494-3500~~ 448 5902 MTC	2005 / 1 / 25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SAMPLE AT THE DISCHARGE FROM OIL/WATER SEPERATOR.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	004 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO SILVER LAKE

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [C]	******	NODI [C]	(12)			
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	NODI [C]	(26)	******	******	NODI [C]	(19)			
00556 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	261 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	NODI [C]	(26)	******	******	******				
39516 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI [C]	NODI [C]	(03)	******	******	******				
50050 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0.38 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	~~494-3500~~ 448 5902 MTC	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SAMPLE IN PLANT MANHOLE STATION ON 004.

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used.

00224/0[illegible] This is a 4-part form.

PAGE 1 OF

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME GENERAL ELECTRIC CORPORATION

ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 1

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
WATERS TO HOUSATONIC RIVER

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
00310 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	70 MO AVG	135 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
00530 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	14.4	(26) LBS/DY	******	******	3.5	(19) MG/L	0	01/07	GR
00556 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	135 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	0.0001	0.0001	(26) LBS/DY	******	******	******		0	01/07	CP
39516 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.230	0.482	(03) MGD	******	******	******		0	99/99	RC
50050 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFICATION	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (AREA CODE / NUMBER)	DATE (YEAR / MO / DAY)
Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 ~~494-3500~~ 4485902 MTC	2005 / 1 / 25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SEE PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	064 G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
GROUNDWATER TREATMENT (005)

*** NO DISCHARGE | _ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.3	******	7.4	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	0	0	(19) MG/L	0	01/90	GR
76030 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	0	0	(19) MG/L	0	01/90	GR
78732 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	MTC 4485902 ~~494-3599~~	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE COMMENTS FOR 0051. SEE PAGE 8 + 9 OF PERMIT.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	064 T
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
WASTEWATER TREATMENT (005)

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.1	******	8.3	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22)			
81302 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFICATION	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (AREA CODE / NUMBER)	DATE (YEAR / MO / DAY)
Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005 1 25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SEE COMMENTS FOR 0051. SEE PAGE 8 + 9 OF PERMIT.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891 — PERMIT NUMBER
007 1 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
DISCHARGE TO HOUSATONIC RIVER

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	54	54	(15) DEG.F	0	01/30	GR
00011 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	******	******		7.2	******	7.7	(12) SU	0	01/DW	GR
00400 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	0.6	0.6	(21) PPB	0	01/90	GR
39516 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.001	0.001	(03) MGD	******	******	******		0	23/30	CA
50050 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
PROCESSES TO UNKAMET BROOK

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.004	0.015	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	*** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		7.2	******	7.5	(12) SU	0	01/07	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	6.4	25.6	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	219 MO AVG	876 DAILY MX	LBS/DY	******	******	******	*** ****		WEEKLY	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
00556 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	0.0001	0.0001	(19) MG/L	0	01/90	GR
39516 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.057	0.455	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	*** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	CERTIFICATION	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (AREA CODE / NUMBER)	DATE (YEAR / MO / DAY)
Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005 1 25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SEE PAGE 11 OF PERMIT. SEE DMRS 009A + 009B. REPORT SUM OF LOAD 09A + 09B, FOR BOD, TSS, FLOW. SAMPLE AT DISCHARGE POINT TO BROOK FOR PH, OIL & GREASE, AND PCB.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

Form Approved.
OMB No. 2040-0004

MA0003891	009 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
09A SAMPLE POINT BEFORE 009

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/DW	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	105 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.4	0.4	(26) LBS/DY	******	******	******		0	01/DW	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	219 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.001	0.015	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW.	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 B

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
09B SAMPLE POINT PRIOR TO 009

*** NO DISCHARGE |__| ***
NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.004	0.02	(26) LBS/DY	******	******	******		0	01/07	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	6.3	25.2	(26) LBS/DY	******	******	******		0	01/07	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.056	0.451	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T Carroll	413	448-5902	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SEE PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 09B.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
METALS: 001, 004, 005, 007, 009, 011

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01074 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.003	(26) LBS/DY	******	******	******		0	01/30	CP
01079 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		ONCE/ MONTH	COMPOS
ZINC TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.1	(26) LBS/DY	******	******	******		0	01/07	CP
01094 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL)	SAMPLE MEASUREMENT	******	0.1	(26) LBS/DY	******	******	******		0	01/30	CP
01105 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01113 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		ONCE/ MONTH	COMPOS
LEAD TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/07	CP
01114 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	*** ****		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

COMPOSITE PROPORTIONATE TO FLOW.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
METALS: 001, 004, 005, 007, 009, 011

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
CHROMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26)	******	******	******		0	01/30	CP
01118 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.02	(26)	******	******	******		0	01/07	CP
01119 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.15	(26)	******	******	******		0	01/30	CP
78248 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

COMPOSITE PROPORTIONATE TO FLOW.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM B

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	12	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
TOXICS: 001, 004, 005, 007, 009, 011

*** NO DISCHARGE | _ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		100	******	******	(23) %	0	01/30	CP
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

MONTHLY DRY WEATHER TESTING. COMPOSITE PROPORTIONATE TO FLOW. FOR JULY, AUG., SEPT. REPORT ACUTE AND CHRONIC. SEE DMR SUMC FOR QUARTERLY WET WEATHER ACUTE. SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING ~~WET WEATHER RESULTS ON DMR SUMC.~~

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used.

00192/0012004-08EB This is a 4-part form.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	001 A
PERMIT NUMBER	DISCHARGE NUMBER

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.8	******	7.8	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	5.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.4	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.029	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	*** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

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Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	005 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

Form Approved.
OMB No. 2040-0004

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		8.0	******	8.0	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
PH	SAMPLE MEASUREMENT	******	******		NODI C	******	NODI C	(12)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW.	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	1.9	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI C	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.02	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION

ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 A

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [C]	(03)	******	******	******				
50050 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	***** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	005 B

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		8.0	******	8.0	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	3.0	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW,	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.124	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	448-5902	2005	1	25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891 — PERMIT NUMBER
006 1 — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 04 MO 10 DAY 01 TO YEAR 04 MO 12 DAY 31

Form Approved.
OMB No. 2040-0004

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.4	******	7.4	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-G
PH	SAMPLE MEASUREMENT	******	******		NODI [C]	******	NODI [C]	(12)			
00400 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW.	PERMIT REQUIREMENT	******	******	*** ****	******	******	15. DAILY MX	PPM		QTRLY	GRAB
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(20)			
00556 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	15. DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.17	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [C]	(21)			
39516 U 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.147	(03) MGD	******	******	*******	**** ****	0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	*******	**** ****		QTRLY	ESTIMA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	Michael T. Carroll	413 448-5902	2005	1	25
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE / NUMBER	YEAR	MO	DAY

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	006 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

Form Approved.
OMB No. 2040-0004

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | _ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 U 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	NODI C	(03)	******	******	******				
	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

QUARTERLY. SAMPLE AT POINT OF DISCHARGE. SEE PAGES 16-17 FOR WET WEATHER REQUIREMENTS. FOR LIMITS WITH MONITORING LOCATION OF 'S'. SEE PAGE 18 FOR DRY WEATHER REQUIREMENTS FOR LIMITS WITH MONITORING LOCATION OF 'U'. IF NO DISCHARGE USE '9'.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MA0003891	009 D
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	******		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891 — PERMIT NUMBER
006 A — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 04 MO 10 DAY 01 TO YEAR 04 MO 12 DAY 31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | _ | ***
NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.4	******	7.4	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	1.7	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.216	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	*** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	448-5902	2005	1	25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
QUARTERLY. SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

Form Approved.
OMB No. 2040-0004

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

MA0003891	SRO 1
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	*** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/ Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	SRO 2
PERMIT NUMBER	DISCHARGE NUMBER

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	******	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW.	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	******		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891	SRO 3
PERMIT NUMBER	DISCHARGE NUMBER

	MONITORING PERIOD					
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	10	01	TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	**** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME GENERAL ELECTRIC CORPORATION
ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SRD 4

MONITORING PERIOD	YEAR	MO	DAY
FROM	04	10	01
TO	04	12	31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		8.97	******	8.97	(12) SU	0	01/90	GR
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	0	(20) PPM	0	01/90	GR
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	10 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	0.6	(21) PPB	0	01/90	GR
39516 S 0 0 SEE COMMENTS BELOW.	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	0.13	(03) MGD	******	******	******		0	01/90	ES
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	*** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Michael T. Carroll
Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

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Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	448-5902	2005	1	25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*
SAMPLE AT POINT OF DISCHARGE.

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*

NAME GENERAL ELECTRIC CORPORATION

ADDRESS ATTN: JEFFREY G. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201

FACILITY GENERAL ELECTRIC COMPANY

LOCATION PITTSFIELD MA 01201

ATTN: MICHAEL T CARROLL, EHS&F

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

MA0003891 — PERMIT NUMBER

SRO 5 — DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 04 MO 10 DAY 01 TO YEAR 04 MO 12 DAY 31

MAJOR
(SUBR W)
F - FINAL
NON PROCESS/STORMWATER BYPASS

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING – AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION – MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		NODI [E]	******	NODI [E]	(12)			
00400 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		QTRLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(20)			
00556 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	15 DAILY MX	PPM		QTRLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	******	NODI [E]	(21)			
39516 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*** ****	******	******	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	******	NODI [E]	(03)	******	******	******				
50050 S 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	REPORT DAILY MX	MGD	******	******	******	*** ****		QTRLY	ESTIMA
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	Certification	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (AREA CODE / NUMBER)	DATE (YEAR / MO / DAY)
Michael T. Carroll Mgr. Pittsfield Remediation Prog. TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2005 / 1 / 25

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

SAMPLE AT POINT OF DISCHARGE.

Attachment C

Quarterly NPDES Discharge Monitoring Reports for 4th Quarter 2003, and 1st, 2nd, 3rd Quarters 2004

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

4th Quarter 2003

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

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) 001 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2003	10	1	TO	2003	12	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	**********	**********		**********	**********	0.001	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	**********	**********		**********	**********	11/11/2003		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	**********	**********		**********	**********	4.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	**********	**********		**********	**********	0.21	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	**********	**********		**********	**********	139.5	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	**********	**********		**********	**********	28785	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or minimum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) 007 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2003	10	1	TO	2003	12	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUALITY OR CONCENTRATION (46-53) AVERAGE	QUALITY OR CONCENTRATION (54-61) MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		********	********	0.076	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	********	*******		********	*******	11/11/2003		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		********	*******	4.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		********	********	0.21	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		********	********	139.5	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	********		********	********	5700	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) PERMIT NUMBER: MAR05C102 — (17-19) DISCHARGE NUMBER: YD12

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2003	10	1	TO	2003	12	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	********	*******		********	*******	0.08	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	********	********		********	********	11/11/2003		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	********		********	********	4.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	********	********		********	********	0.21	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	********	********		*******	********	139.5	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	********		********	********	1425	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD13 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2003	10	1	TO	2003	12	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*********	0.037	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	********		********	*******	11/11/2003		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	********		********	*******	4.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	********	********		*******	********	0.21	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	********	********		*******	*******	139.5	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		********	********	7125	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMNTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-10) MAR05C102 — PERMIT NUMBER

(17-19) YD5 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2003	10	1	TO	2003	12	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUALITY OR CONCENTRATION (46-53) AVERAGE	QUALITY OR CONCENTRATION (54-61) MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.19	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	11/11/2003		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	4.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	********	*******		*******	*******	0.21	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	139.5	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	********		*******	*******	1425	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr., EHS & Facilities

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 413 | NUMBER 448-5902

DATE: YEAR 2005 | MO 1 | DAY 25

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMNTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD9 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2003	10	1	TO	2003	12	31

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.084	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	********		*******	*******	11/11/2003		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	4.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.21	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	139.5	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	570	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr., EHS & Facilities

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

1st Quarter 2004

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

NATIONAL POLLUTION DISCHARGE ELIMNTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) 001 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	1	1	TO	2004	3	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (48-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.24	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	3/20/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	6.25	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.25	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	77.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	131250	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMNTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) 007 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	1	1	TO	2004	3	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61)			QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.12	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	3/20/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	6.25	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.25	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	77.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	2625	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	449-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMNTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD12 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	1	1	TO	2004	3	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUALITY OR CONCENTRATION (46-53) AVERAGE	QUALITY OR CONCENTRATION (54-61) MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.28	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	3/20/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	6.25	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.25	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	77.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	750	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD13 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	1	1	TO	2004	3	31

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	QUANTITY OR LOADING (54-61) MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	QUALITY OR CONCENTRATION (46-53) AVERAGE	QUALITY OR CONCENTRATION (54-61) MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	******	*******		*******	*******	0.055	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	3/20/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	6.25	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.25	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	77.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	1875	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) PERMIT NUMBER: MAR05C102

(17-19) DISCHARGE NUMBER: YD5

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	1	1	TO	2004	3	31

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.2	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	3/20/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	6.25	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.25	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	77.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	750	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 413 | NUMBER 448-5902

DATE: YEAR 2005 | MO 1 | DAY 25

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD9 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	1	1	TO	2004	3	31

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	******	*******		*******	*******	0.19	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	3/20/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	6.25	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.25	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	77.75	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	1875	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	1	25

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

2nd Quarter 2004

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

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(1-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MAR05C102	001

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	4	1	TO	2004	6	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.028	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	4/12/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	9.00	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.31	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	263	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	45900	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MAR05C102	007

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	4	1	TO	2004	6	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.17	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	4/12/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	9.00	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.31	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	263	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	16200	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll	413	448-5902	2005	1	25
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD12 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	4	1	TO	2004	6	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.047	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	4/12/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	9.00	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.31	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	263	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	1080	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: AREA CODE 413 | NUMBER 448-5902

DATE: YEAR 2005 | MO 1 | DAY 25

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD13 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	4	1	TO	2004	6	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61)			QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.12	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	4/12/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	9.00	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.31	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	263	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	1080	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or minimum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD5 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	4	1	TO	2004	6	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)		(54-61)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.13	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	4/12/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	9.00	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.31	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	263	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	540	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2005	1	25
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD9 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	4	1	TO	2004	6	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.087	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	4/12/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	9.00	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.31	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	263	HRS	0	1/90	RC
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	*******	*******		*******	*******	1620	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr.Pittsfield Remediation Prog.

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2005	1	25

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

3rd Quarter 2004

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

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) 001 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	7	1	TO	2004	9	30

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61) AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX. (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.018	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	7/23/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	5.3	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.47	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	442.5	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	220500	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) 007 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	7	1	TO	2004	9	30

(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (48-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.08	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	7/23/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	5.25	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.47	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	442.5	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	15750	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
MAR05C102	YD12

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR (20-21)	MO (22-23)	DAY (24-25)		YEAR (26-27)	MO (28-29)	DAY (30-31)
FROM	2004	7	1	TO	2004	9	30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61) AVERAGE	MAXIMUM	UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-69)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.11	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	7/23/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	5.25	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.47	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	442.5	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	3150	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413 AREA CODE	448-5902 NUMBER	2005 YEAR	1 MO	25 DAY
TYPED OR PRINTED							

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMNTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) MAR05C102 — PERMIT NUMBER

(17-19) YD13 — DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	7	1	TO	2004	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) (54-61)			QUALITY OR CONCENTRATION (4 Card Only) (38-45) (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.059	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	7/23/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	5.25	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.47	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	442.5	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	15750	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINTION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16)	(17-19)
MAR05C102	YD5
PERMIT NUMBER	DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	7	1	TO	2004	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)	(54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.31	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	7/23/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	5.25	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.47	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	442.5	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	1575	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Michael T. Carroll Mgr.Pittsfield Remediation Prog.	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. *(Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years.)*	Michael T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413	448-5902	2005	1	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

General Electric Corporation
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201
Attn: Michael T. Carroll, Mgr.Pittsfield Remediation Prog.

(2-16) **MAR05C102** PERMIT NUMBER

(17-19) **YD9** DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004
Approval expires 5-31-98

General Electric Company
Pittsfield, MA 01201

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2004	7	1	TO	2004	9	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
Total Recoverable Zinc	SAMPLE MEASUREMENT	*******	********		*******	*******	0.077	MG\L	0	1/90	GR
	PERMIT REQUIREMENT										
Date of Storm	SAMPLE MEASUREMENT	*******	*******		*******	*******	7/23/2004		0	1/90	RC
	PERMIT REQUIREMENT										
Duration of Storm	SAMPLE MEASUREMENT	********	*******		*******	*******	5.25	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Rainfall	SAMPLE MEASUREMENT	*******	*******		*******	*******	0.47	in	0	1/90	RC
	PERMIT REQUIREMENT										
Time Between Storm Events	SAMPLE MEASUREMENT	*******	*******		*******	*******	442.5	HRS	0	1/90	EST
	PERMIT REQUIREMENT										
Total Volume of Discharge Sampled	SAMPLE MEASUREMENT	********	*******		*******	*******	3150	gal	0	1/90	EST
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
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Attachment D

Toxicity Evaluation of Wastewaters Discharged From the General Electric Plant; Pittsfield, Massachusetts [Samples Collected in January 2005]

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Toxicity Evaluation of Wastewaters Discharged from The General Electric Plant Pittsfield, Massachusetts

Samples collected in January 2005

Submitted to:

General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201

SGS Sample ID: TA5-A0-P029

Study Director: Ken Holliday

13 January 2005

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Whole Effluent Toxicity Test
Report Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Executed on: January 13, 2005
Date

Jeannie Latterner
Authorized signature

Jeannie Latterner
Name

QA/QC Manager
Title

SGS Environmental Services
Laboratory

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Summary

Static Acute Toxicity Test with *Daphnia pulex*

Sponsor:	General Electric
Protocol Title:	*Acute Aquatic Toxicity Testing*, SGS Document Control Number 7002, version 4.0
SGS Study Number:	TA5-A0-P029
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A6198C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A6197R
Dates Collected:	January 03, 2005 to January 04, 2005
Date Received:	January 05, 2005
Test Dates:	January 05, 2005 to January 07, 2005
Test Concentrations:	100% effluent 75% effluent 50% effluent 35% effluent 15% effluent 5% effluent dilution water control reference control secondary reference control (sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The No-Observed-Acute-Effect-Level (NOAEL) was observed to be 100% effluent.

1.0 Introduction

1.1 Background

In 1972, amendments were made to the Clean Water Act (CWA) prohibiting the discharge of any pollutant from a point source to waters of the United States, unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. Since the passing of the 1972 amendments to the CWA, significant progress has been made in cleaning up industrial process wastewater and municipal sewage.

The purpose of the National Pollutant Discharge Elimination System (NPDES) Program is to protect human health and the environment. The Clean Water Act requires that all point sources discharging pollutants into waters of the United States must obtain an NPDES permit. By point sources, EPA means discrete conveyances such as pipes or man made ditches.

For many years, discharge limits were based on available technology for wastewater treatment. However, in 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement entitled "Policy for the Development of Water Quality-Based Permit Limitations for Toxic Pollutants" (U.S. EPA, 1984) which addresses the control of toxic pollutants beyond technology-based requirements in order to meet water quality standards. To implement the new policy, guidance was provided to the respective state and regional permit personnel in the EPA's "Technical Support Document for Water Quality-Based Toxics Control" (U.S. EPA, 1985; U.S. EPA, 1991). The EPA's policy statement and the support document recommended that, where appropriate, permit limits should be based on effluent toxicity as measured in aquatic toxicity tests.

1.2 Clean Water Act, 33 U.S.C. s/s 1251 et seq. (1977)

The Clean Water Act is a 1977 amendment to the Federal Water Pollution Control Act of 1972, which set the basic structure for regulating discharges of pollutants to waters of the United States. The law gave EPA the authority to set effluent standards on an industry basis (technology-based) and continued the requirements to set water quality standards for all contaminants in surface waters. The CWA makes it unlawful for any person to discharge any pollutant from a point source into navigable waters unless a permit (NPDES) is obtained under the Act. The 1977 amendments focused on toxic pollutants. In 1987, the CWA was reauthorized and again focused on toxic substances, authorized citizen suit provisions, and funded sewage treatment plants (POTWs) under the Construction Grants Program. The CWA provisions for the delegation by EPA of many permitting, administrative, and enforcement aspects of the law to state governments. In states with the authority to implement CWA programs, EPA still retains oversight responsibilities.

1.3 Objective of the General Electric Study

The objective of this study was to measure the acute toxicity of the composite wastewater discharged by the General Electric facility located in Pittsfield, Massachusetts, using *Daphnia pulex* under static conditions. Whereas *D. pulex* are not considered locally important, they are routinely used by regulatory agencies and contract laboratories nationwide for toxicity testing. A toxicity test was conducted from January 05, 2005 to January 07, 2005 at SGS Environmental Services, Charleston, West Virginia. All original raw data and the final report produced for this study are stored in SGS's archives at the above location.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this acute toxicity test followed those described in the SGS Standard Operating Procedure (SOP) entitled *Acute Aquatic Toxicity Testing*, SGS document control number 7002, version 4.0. This SOP generally follows the standard methodology presented in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (U.S. EPA, 1993. Additional SOPs used in this study are outlined below:

Title	Document Number	Version
Culture Waters for Aquatic Toxicity Testing	7005	4.0
Culture of *Daphnia*	7006	5.0
Reference Toxicant Testing	7008	5.0
Sample Handling for Aquatic Toxicity Testing	7009	4.0

Copies of these documents are included in the References section of this report.

2.2 Effluent Sample

The effluent sample (A6198C) was collected by GE personnel January 03, 2005 to January 04, 2005. Upon receipt at SGS on January 05, 2005, the sample temperature was 3.9° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	130
Alkalinity (as $CaCO_3$)	106
pH	6.97
Specific Conductance	597
Dissolved Oxygen Concentration*	9.10

*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The effluent sample was observed to be clear and colorless.

2.3 Dilution Water

Dilution water consisted of receiving water collected from the Housatonic River. The receiving water (A6197R) was collected by General Electric personnel on January 04, 2005. Upon receipt at SGS on January 05, 2005, the sample temperature was 3.9°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	140
Alkalinity (as $CaCO_3$)	37
pH	6.45
Specific Conductance	149
Dissolved Oxygen Concentration*	9.17

*Dissolved oxygen concentration was recorded after sample was aerated and warmed to approximately 20°C).

The dilution water sample was observed to be slightly cloudy with a straw color.

2.4 Reference Control Water

Water used in the reference control vessels was deionized (DI) water adjusted to the appropriate hardness (moderately hard reconstituted water) by the addition of reagent grade chemicals (U.S. EPA, 1993). Characterization of this water resulted in:

Parameter	Result
Total Hardness	110
Alkalinity (as $CaCO_3$)	67
pH	7.04
Specific Conductance	317
Dissolved Oxygen	8.97

2.5 Test Organisms

Daphnids (*Daphnia pulex*), less than 24-hours old, were obtained from SGS laboratory cultures maintained in Charleston. The culture system consisted of twenty-four (24) 100 ml disposable plastic beakers each containing 80 ml of culture medium and one (1) daphnid. The culture medium was deionized (DI) water for which the hardness was raised by addition of reagent grade chemicals (U.S. EPA, 1993). Prior to use, the culture water was characterized:

Parameter	Result
Total Hardness	within range of 80-110 mg/L
Alkalinity (as $CaCO_3$)	within range of 60-70 mg/L
pH	within range of 7.0 to 7.2

The culture area was maintained at a temperature of 20°C (± 1°C) with a regulated photoperiod of 16 hours of light and 8 hours of darkness.

Daphnid cultures were fed a combination of green algae (*Selanastrum capricorium*), approximately 4.0 x 10^7 cells/ml) and YCT (yeast, cereal leaves and trout chow). Approximately 1.0 ml of algae and 0.5 ml of YCT was added to each culture vessel daily. Three times per week, daphnids are transferred to fresh culture media.

Approximately twenty-four hours before test initiation, all immature daphnids were removed from the culture flasks. Offspring produced during the period were used in the toxicity test.

2.6 Test Procedures

A subsample of the effluent and the dilution water (approximately 2250 ml) was analyzed by SGS for total phosphorus, chloride, total suspended solids, and total solids. The 48-hour toxicity test was conducted at concentrations of 100%, 75%, 50%, 35%, 15% and 5% effluent. Test concentrations were prepared by

diluting the appropriate volume of effluent with dilution water to a total volume of 250 ml. Test solutions were then divided into replicate (5 replicates per concentration) 30 ml medicine cups, each containing 20 ml of test solution. One set of five control beakers (containing Housatonic River water) and one set of five reference control beakers (containing moderately hard reconstituted water) were established and maintained under the same conditions as the exposure concentrations. A secondary set of five reference control beakers (containing sodium thiosulfate) was also maintained. Test solutions were placed in an incubator to maintain solution temperature of 20°C (± 1°C). Light was provided on a 16-hour light and 8-hour dark photoperiod. Florescent bulbs provided an illumination of 90 to 100 foot-candles in the test area.

Prior to test initiation, daphnids less than 24-hours old were culled individually with a plastic pipette and placed into a 1000 ml holding beaker containing approximately 500 ml of reference water. The test was initiated when daphnids were individually transferred from the holding beaker to the test solutions (4 daphnids per replicate). The daphnids were fed prior to test initiation but were not fed during the exposure period.

2.7 Test Monitoring

The number of mortalities and observations in each replicate vessel were recorded at 24 and 48 hours of exposure and observed mortalities were removed from the test solutions. Biological observations and observations from the physical characteristics of each replicate test solution and control were also made and recorded at 0, 24 and 48 hours. Dissolved oxygen concentrations pH and temperature were measured at test initiation and at 24-hour intervals thereafter, in one replicate vessel (a) for each test concentration in which there were surviving organisms.

Total hardness concentrations were measured by the EDTA titrimetric method and total alkalinity concentrations were determined by potentiometric titration to an endpoint of pH 4.5 (APHA, 1989). Total residual chorine was measured by Hach test. Concentrations of ammonia were determined using a Buchi model 212 distillation unit and titrated automatically with a Brinkman titroprocessor. Specific conductivity was measured with a Cole Palmer Model 71250 salinity-conductivity-temperature meter and probe; pH was measured with a Fisher Scientific Accumet 910 pH meter and combination electrode; dissolved oxygen concentration was measured with an YSI Model 59 dissolved oxygen meter. Daily temperature measurements were performed with a Princo mercury thermometer and a Fisher minimum-maximum thermometer. Light intensity was measured with a General Electric type 217 light meter.

2.8 Reference Toxicity Test

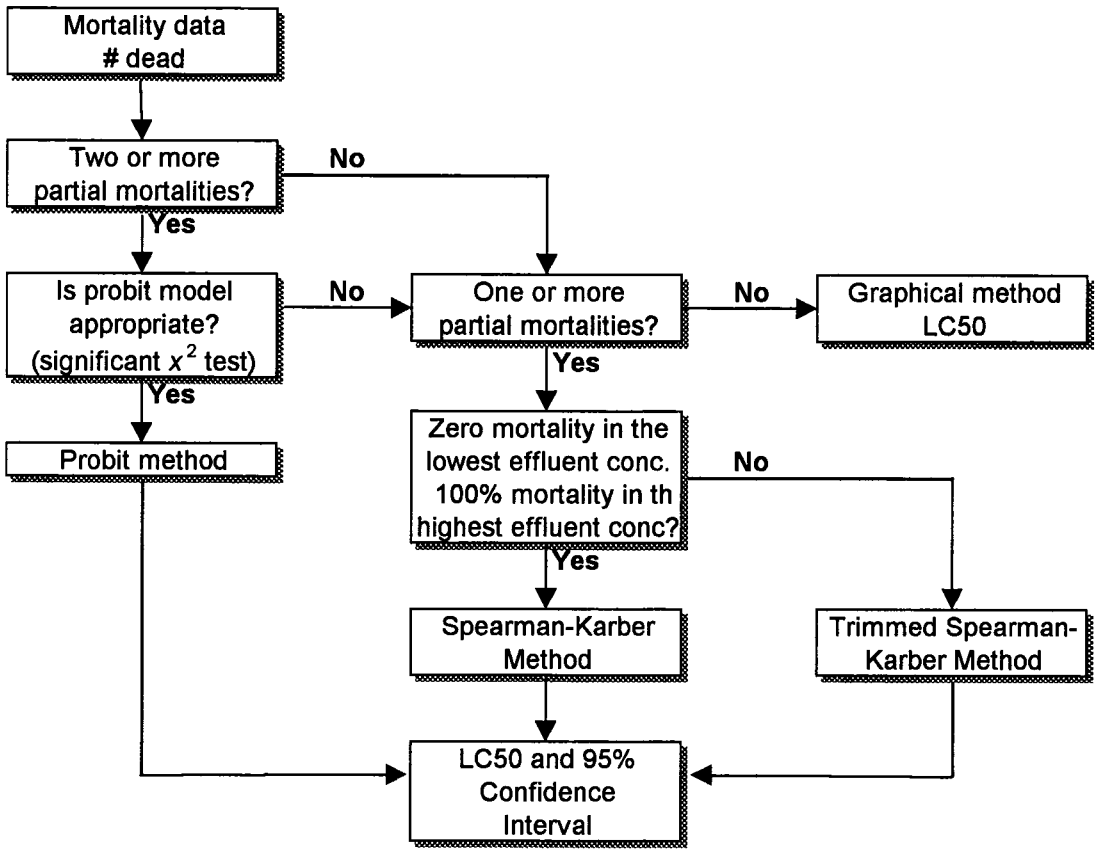
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from January 05, 2005 to January 07, 2005. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water control (moderately hard reconstituted water). The nominal NaCl concentrations for the test with *Daphnia pulex* ranged from 625 to 10,000 mg of NaCl/L. Test methods were the same as those described above for the effluent test.

3.0 Statistics

The concentration-response relationships observed were characterized by the median lethal concentrations (LC50), which is the concentration that is calculated to be lethal to 50 percent of the organisms within the test period. If no concentration caused mortality of 50%, then the LC50 value was determined to be greater than the highest concentration tested and no statistical analysis were performed. If at least one concentration caused mortality of greater than 50% of the test population, then a computer program (TOXSTAT 3.5) was used to calculate the LC50 value. Three statistical methods were available in the computer program: probit analysis, the Trimmed Spearman-Karber, and the Spearman-Karber methods. The graphical method is available if appropriate. Generally, to choose the best estimate of the LC50 value for a particular data set, the U.S. EPA flow chart on page 15 was followed.

The No-Observable-Acute-Effect-Level (NOAEL) was estimated for the acute toxicity test, and is defined as the highest concentration of effluent that produced $\geq$ 90% survival.

Flowchart 1. Determination of the LC50 from a Multi-Effluent-Concentration Acute Toxicity Test



Flowchart for determination of the LC50 for multi-effluent-concentration acute toxicity tests.

4.0 Results

4.1 Effluent Toxicity Test

The methods and detection limits of chemical analyses performed on the composite effluent sample and dilution water are summarized in Table 1. Results of the characterization and analysis of the effluent and the dilution water are presented in Table 2. Water quality parameters measured during the toxicity test are presented in Table 3. Daily and continuous monitoring of the test solutions established the temperature ranged from 19°C to 21°C throughout the exposure period. The effluent concentration was tested (expressed as %) and the corresponding percent mortalities recorded during the 48-hour toxicity test are presented in Table 4. Significant toxicity was not demonstrated in this examination. Based on the results of this study, the 48-hour LC_{50} value was >100% effluent. The NOAEL value for this study was determined to be 100% effluent.

4.2 Reference Toxicity Test

SGS uses sodium chloride (NaCl) as a reference toxicant. The reference test was conducted from January 05, 2005 to January 07, 2005, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 1894 mg NaCl/L (95% confidence intervals of 1552 to 2313 mg NaCl/L).

References

American Public Health Association, American Water Works Association, and Water Pollution Control Federation (APHA). 1989. *Standard Methods for the Examination of Water and Wastewater*. 17th Edition.

U.S. Environmental Protection Agency. 1984. Development of water Quality-Based Permit Limitations for Toxic Pollutants. Federal Register 49(48): 90160-90190.

U.S. Environmental Protection Agency. 1985. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.

U.S. Environmental Protection Agency. 1991. Technical Support Document for Water Quality-Based Toxics Control. Office of Water, Washington, DC.

U.S. Environmental Protection Agency. 1993. for *Measuring the Acute Toxicity of Effluents and Receiving Methods Waters to Freshwater and Marine Organisms*. EPA/600/4-90/027F.

Table 1. Methods and detection limits of chemical analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).

Parameters	Method	Detection Limits
Ammonia Nitrogen as N	EPA 350.2	1.0 mg/L
Chloride	EPA 325.2	1.0 mg/L
Total Organic Carbon	EPA 415.1	1.0 mg/L
Total Solids	EPA 160.3	10.0 mg/L
Phosphorus, Total as P	Standard Methods 4500-P	0.020 mg/L
Total Residual Chlorine	Standard Methods 4500-Cl G	0.01 mg/L
Total Suspended Solids	EPA 160.2	5.0 mg/L

Table 2. Results of the characterization and analyses of the General Electric Pittsfield Plant effluent and the dilution water (Housatonic River).

Parameter	Effluent (A6198C)	Housatonic River (A6197R)
Temperature	20.4°C	20.4°C
pH	6.97	6.45
Alkalinity (as $CaCO_3$)	106 mg/L	37 mg/L
Hardness (as $CaCO_3$)	130 mg/L	140 mg/L
Dissolved Oxygen	9.10 mg/L	9.17 mg/L
Specific Conductivity	597 μmhos/cm	149 μmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	0.040 mg/L	0.028 mg/L
Chloride	84 mg/L	13 mg/L
Total Suspended Solids	15 mg/L	ND
Total Solids	320 mg/L	98 mg/L
Total Organic Carbon	3.8 mg/L	3.9 mg/L

Dissolved oxygen concentrations recorded after samples were aerated and warmed to approximately 20°C.
N/A = not applicable ND = non detectable

Table 3. The water quality measurements recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.

Matrix ↓	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Reference Control	7.04	7.12	7.17	8.97	8.70	8.60	20.4	19.7	20.6
Secondary Ref Control	7.13	7.19	7.15	8.92	8.74	8.62	20.4	19.7	20.6
Dilution Water Control	6.45	6.52	6.57	9.17	8.78	8.64	20.4	19.7	20.6
5% Effluent	6.51	6.59	6.54	9.19	8.81	8.61	20.4	19.7	20.6
15% Effluent	6.63	6.69	6.73	9.18	8.77	8.58	20.4	19.7	20.6
35% Effluent	6.74	6.80	6.78	9.17	8.74	8.60	20.4	19.7	20.6
50% Effluent	6.82	6.86	6.83	9.15	8.79	8.57	20.4	19.7	20.6
75% Effluent	6.90	6.97	7.02	9.12	8.77	8.59	20.4	19.7	20.6
100% Effluent	6.97	7.05	7.10	9.10	8.80	8.62	20.4	19.7	20.6

Dissolved oxygen, pH and temperature were measured in one replicate test chamber (A) for each concentration and controls.
The appearance of the effluent was clear, with some sediment.

Reference Control = moderately hard synthetic water
Secondary Control = moderately hard synthetic water and 0.1 N sodium thiosulfate ($Na_2S_2O_3$)
Dilution Water Control = receiving water collected from the Housatonic River

Table 4. Cumulative percent mortalities recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.

Test Matrix ↓	Cumulative Percent Mortality (%)											
	24-Hour						48-Hour					
	A	B	C	D	E	Mean	A	B	C	D	E	Mean
Reference Control	0	0	0	0	0	0	0	0	0	0	0	0
Secondary Ref Control	0	0	0	0	0	0	0	0	0	0	0	0
Dilution Water Control	0	0	0	0	0	0	0	0	0	0	0	0
5% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
15% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
35% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
50% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
75% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
100% Effluent	0	0	0	0	0	0	0	0	0	0	0	0

Reference Control = moderately hard synthetic water
$Na_2S_2O_3$ Control = moderately hard synthetic water and sodium thiosulfate (0.1 N)
Dilution Water Control = receiving water collected from the Housatonic River

Appendix I

References

CT&E Environmental Services Inc.

023

Standard Operating Procedure

Document Title:	**Acute Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7002-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

UNCONTROLLED COPY

Document Control Number: 7002.

Approved by: Ken Holliday (Supervisor) Date: 10/21/98

Approved by: Linda M. Work (QA/QC Officer) Date: 10/20/98

1.0 SUMMARY

A 24-, 48-, or 96-hour test to determine the toxicity to freshwater aquatic animals of effluents.

2.0 REFERENCES

2.1 Weber, Cornelius I., *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027. U.S.EPA, Cincinnati, Ohio.

2.2 *Reporting and Testing Guidance for Biomonitoring Required by the Ohio Environmental Protection Agency*, October, 1991.

2.3 *Toxics Management Program's Guidance for Conduction and Reporting the Results of Toxicity Tests in Fulfillment of VPDES Permit Requirements*, Revised July 1992.

3.0 SCREENING

3.1 Test Duration

24 Hours, 48 Hours or 96 Hours.

3.2 Test Preparation

3.2.1 Measure the pH, D.O. and total residual chlorine of the 100% effluent and the control water. If the effluent pH falls outside of the range of 6.0-9.0, two parallel tests are set up in which one effluent is adjusted and the other is not. The pH is adjusted to 7.0 using additions of 1N NaOH and HCl, (other pH adjustment endpoints may be utilized depending on local requirements). The measured amount of acid or base is recorded on the bench sheet. If the D.O. is below 40% saturation or above 100% saturation, the effluent is aerated prior to test initiation. If the total chlorine is above 0.1 mg/L, two parallel tests are set up in which one

effluent is dechlorinated and the other is not (Dechlorination may be prohibited; permit is checked to determine if dechlorination is allowed). The effluent is dechlorinated by the addition of anhydrous sodium thiosulfate. The measured amount is recorded on the bench sheet. Care is taken to add the least amount of sodium thiosulfate needed to decrease the TRC level below 0.10 mg/L. Typically, adjustment of effluent is unnecessary.

3.2.2 Twenty organisms per concentration are used in acute screening tests.

3.2.3 This is a static, non-renewal test, using *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna*, or *Pimephales promelas* (Fathead minnow).

3.2.4 Water quality (D.O., pH, conductivity, hardness, alkalinity and TRC), is measured at the time of test initiation. At test termination, temperature, D.O. conductivity and pH are measured. The final mortality and percent effected counts are recorded. Temperature is maintained at 25°± 1°C for *Daphnia*, and 20° ± 1°C for fathead minnows. Facilities exist to perform both fish and *Daphnia* tests at either temperature.

3.3 Test Results

No statistical analysis is performed on screening data.

4.0 DEFINITIVE TEST

4.1 *Pimephales promelas* (Fathead Minnows)

4.1.1 Test Duration

48-Hours or 96-Hours

4.1.2 Static non-renewal

4.1.3 Test Preparation

4.1.3.1 This test is comprised of a control and an effluent dilution series usually consisting of 100%, 50%, 25%, 12.5% and 6.25% (unless otherwise indicated).

4.1.3.2 The sample is brought up to test temperature in a room temperature water bath. Chemical parameters are checked and

recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.1.3.3 The dilutions are prepared in calibrated graduated cylinders using moderately hard synthetic water as dilution water. Other dilution water may be used if specified.

4.1.3.4 Approximately 400 ml of test solution is placed in each of two 800 ml disposable plastic beakers.

4.1.4 Loading

Ten (10) organisms are placed in each beaker. CT&E uses fish which are less than 14 days old and are hatched within the same 24 hour period. A loading limit of 0.8 g/l is observed. Fish are loaded by first transferring them to a shallow dish where they are easily transferred into the test solutions with wide-bore pipettes.

4.1.5 Test Temperature

20° C (± 1)

4.1.6 Daily Procedures

4.1.6.1 At the end of each 24 hours, the pH, D.O. and temperatures are checked and recorded. At this time mortalities are also recorded.

4.1.6.2 If a 96 hour static acute test is required, the test solution may be renewed at 48 hours. Renewal is accomplished by siphoning old test solution and debris and replacing with fresh solution of the appropriate concentration.

4.1.6.3 At the end of 48 hours or 96 hours the final mortalities and percent affected are recorded along with the final water qualities (D.O., pH, conductivity).

4.1.7 Feeding

Organisms are allowed to feed only prior to test initiation, and prior to renewal at 48 hours in a 96 hour test.

CT&E Environmental Services Inc.
Standard Operating Procedure

4.2 *Ceriodaphnia dubia, Daphnia magna,* and *Daphnia pulex*

4.2.1 Test Duration

48-Hours

4.2.2 Static Non-renewal

4.2.3 Test Preparation

4.2.3.1 This test is comprised of a control and a dilution series consisting of 100%, 50%, 25%, 12.5% and 6.25% of the effluent (unless otherwise indicated).

4.2.3.2 The sample is brought up to test temperature in a room temperature waterbath. Chemical parameters are checked and recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.2.3.3 The dilutions are prepared in beakers using moderately hard synthetic water (see Section II; Dilution Waters and Culture Media), unless other dilution water is specified. At least 25 ml. of each dilution are placed in five 30 ml. testing vessels.

4.2.4 Loading

4.2.4.1 Four organisms are placed in each vessel. The *Daphnids* are loaded with a disposable polyethylene transfer pipette and are gently released below the surface of the water to avoid the risk of injury.

4.2.5 Test Temperature

The test is conducted in a constant temperature incubator at 25° ±1° C(To satisfy local requirements tests may be conducted at other temperatures).

4.2.6 Daily Procedure

4.2.6.1 At 24 and 48 hours the mortalities and number adversely effected are noted.

4.2.6.2 Due to the fragile structure of *Daphnia* organisms, dissolved oxygen, hardness alkalinity, specific conductance and pH readings are not taken after the organisms have been added to the sample. These analyses could cause injury to the *Daphnia* organisms.

4.2.7 Photoperiod

16 hours light, 8 hours dark.

4.2.8 Feeding

Organisms are allowed to feed prior to test initiation; they are not fed for the duration of the test.

5.0 TEST DATA

5.1 *Pimephales promelas*, *Ceriodaphnia dubia, Daphnia magna* and *Daphnia pulex*

5.1.1 Mortality and adverse effects are used as the endpoints for a definitive test.

5.1.2 Chemical parameters checked before test initiation, at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.3 Mortalities recorded at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.4 Any atypical behavior or complications are recorded.

6.0 DATA ANALYSIS

6.1 Introduction

Data from acute effluent toxicity tests are used to estimate the LC50 and EC50. The LC50 is a point estimate of the effluent concentration that is expected to cause lethality to 50% of the test organisms. The EC50 is a point estimate of

the effluent concentration that is expected to cause and adverse effects to 50% of the test organisms.

6.2 Methods for Estimating the LC50 & EC50

6.2.1 The flow chart (Figure 6) on page 76 of the manual, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms* (Fourth Edition), EPA-600/4-90-27F, Appendix A, Sections 4.4.1 through 4.4.3. is observed for determination of the LC50 for multi-concentration acute toxicity tests.

6.2.2 Several statistics packages, including Toxstat® 3.4, are available for data analysis.

7.0 REPORT PREPARATION

7.1 CT&E Acute Toxicity Test Reports Typically Contain the Following Information:

7.1.1 Test background information - Includes client, NPDES or state permit number, sampling point reference number, date collected and received, collector's name, type and date of test, dilution water used, test results, and chain of custody forms.

7.1.2 Results - **LC50 & EC50** values and analysis method used; Any comments concerning the test results.

7.1.3 Initial Characterization of the Effluent Sample - Raw Data Sheets: Includes dissolved oxygen (DO), pH, specific conductivity, hardness, alkalinity and a description of the sample source.

7.1.4 Reference Toxicity Data

CT&E Environmental Services Inc.

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Standard Operating Procedure

Document Title:	**Culture Waters for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7005-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

Document Control Number: 7005.

Approved by: Ken Halliday — Supervisor — Date: 10/21/98

Approved by: Wade M. Work — QA/QC Officer — Date: 10/20/98

1.0 Summary

This document describes the preparation of various waters used for the culture of aquatic organisms.

2.0 Moderately-Hard Synthetic Water

2.1 Place 19 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.

2.2 Add 1.20 g of $MgSO_4$, 1.92 g $NaHCO_3$ and 0.08g KCl to the carboy.

2.3 Aerate overnight.

2.4 Add 1.20 g of $CaSO_4 2H_2O$ to 1 liter of de-ionized or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 19 liter above and mix well.

2.5 Aerate vigorously for 24 hours to stabilize the medium.

3.0 Hard Synthetic Water

3.1 Place 9 liter of de-ionized, or equivalent, water in a properly cleaned and labeled plastic carboy.

3.2 Add 1.20 g of $MgSO_4$, 1.92 g $NaHCO_3$ and 0.08g KCl to the carboy.

3.3 Aerate overnight.

3.4 Add 1.20 g of $CaSO_4 2H_2O$ to 1 liter of de-ionized, or equivalent water in a separate flask. Stir on magnetic stirrer until calcium sulfate is dissolved and add to the 9 liter above and mix well.

3.5 Aerate vigorously for 24 hours to stabilize the medium.

4.0 Synthetic Water Solutions

4.1 KCL Stock Solution

4.1.1 Place 8 g of crystalline, reagent grade KCL in a 1 liter volumetric flask.
4.1.2 Bring the volume to one liter with distilled water.
4.1.3 Aerate vigorously for several hours before using.
4.1.4 Store in a 1 liter polyethylene bottle.

4.2 $MgSO_4$ Stock Solution

4.2.1 Place 120 g of regent water, anhydrous $MgSO_4$ powder in a 1 liter volumetric flask.
4.2.2 Bring the volume to one liter with distilled water.
4.2.3 Aerate vigorously for several hours before using.
4.2.4 Store in a 1 liter polyethylene bottle.

4.3 $NaHCO_3$ Stock Solution

4.3.1 Place 96 g of reagent grade $NaHCO_3$ powder in a 1 liter volumetric flask.
4.3.2 Bring the volume to 1 liter with distilled water
4.3.3 Aerate vigorously for several hours before using.
4.3.4 Store in a 1 liter polyethylene bottle.

5.0 Activated Carbon Treated Tap Water Diluent

5.1 Fill a 5-gallon carboy with water from the treatment system using the attached hose. Water should be allowed to flow slowly through the hose into the sink for 2-3 minutes before filling the carboy. Flow rate to fill the carboy should be slow.

5.2 One or two long airstones are placed in the filled carboy. Water is aerated vigorously for 48-hours.

5.3 Total residual chlorine must be checked on water from newly filled carboys before using.

5.4 Alkalinity, hardness and pH are checked on samples from dechlorinated water carboys according to the Laboratory Procedure Checklist.

5.5 Log information on the Dechlorinated Tap Water and Cechlorimeter log sheet including the carboy number and date filled.

6.0 Synthetic Sea Water Preparation

6.1 Fill a clean carboy with dechlorinated water to approximately the 25-gallon mark.

6.2 The newly filled carboy should be checked for the presence of chlorine and the results recorded on the saltwater carboy log sheet. If chlorine is present, two 4-inch airstones (adjusted to a moderately heavy air flow) should be introduced and the water aerated until a level of <0.01 mg/L is reached.

6.3 A sufficient amount of synthetic salt is added to the carboy to obtain the required salinity (usually 20 ppt).

6.4 All information should be logged on the Saltwater Carboy log sheet.

CT&E Environmental Services Inc.

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Standard Operating Procedure

Document Title:	**Culture of *Daphnia***
Method Reference:	**CT&E/USEPA**
Document File Name:	**7006-05.DOC**
Revision Number:	**5.0**
Effective Date:	**March 12, 2001**

UNCONTROLLED COPY

Document Control Number: 7006

Approved by: Ken Halliday (Supervisor) 3/23/2001 (Date)

Approved by: Cynthia M Dork (QA/QC Officer) 3/23/2001 (Date)

1.0 Summary

This document describes the procedure for the culture of *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna* that are used in aquatic toxicity testing.

2.0 Mass Stock Cultures of *Ceriodaphnia dubia, Daphnia pulex,* and *Daphnia magna*

2.1 Stock cultures are maintained in 1000 ml beakers/jars with 900 mls of culture media at 20 ± 1° C. These cultures are maintained only as a back-up source of organisms.

2.2 Culture media for *Ceriodaphnia dubia* and *Daphnia pulex* is moderately-hard synthetic water. Culture media for *Daphnia magna* is hard synthetic water (see document control number 7005.04, "Culture Waters for Aquatic Toxicity Testing").

2.3 Many cultures are maintained simultaneously with an informal rotation cycle. New cultures are started with young produced by individual cultures. These cultures are maintained for approximately 3 weeks after which they are discarded.

2.4 Cultures are fed YCT (yeast, cerophyll, digested trout chow/flake food) and algae (*Selanastrum capricorium*) on Monday, Wednesday and Friday. Feeding, as well as culture rotation, temperature and all other relevant data is recorded by species in a log book.

2.5 Stock cultures are also fed algae and YCT. These feedings are recorded in the log book.

3.0 Individual Cultures of *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna*

3.1 Cultures of *Daphnia magna* and *Daphnia pulex* are maintained in 100 ml plastic beakers. Twenty-four (24) beakers with one organism each are kept at all times to ensure continuous availability of neonates for testing. Cultures of individual *Ceriodaphnia dubia* are maintained in 30 ml sterile plastic medicine cups. One to two cultures of approximately 100 organisms each are kept at all times.

3.2 Cultures are renewed three times per week. Organisms are fed daily.

4.0 Obtaining Neonates for Testing

4.1 Cultures of *Ceriodaphnia* are started by placing one neonate into a 30 ml disposable plastic cup containing approximately 20 ml of Moderately Hard Synthetic Water. New *Ceriodaphnia* cultures are started every ten to fourteen days. *D. magna* and *D. pulex* are replaced whenever mortality occurs.

4.2 The individual cultures are transferred to fresh media three times per week. Synthetic water, algae and YCT are mixed prior to pouring into culture vessel to ensure uniformity of media. The old media and neonates are kept for stock cultures for several weeks and then discarded.

4.3 To assure neonates for chronic tests are of a very similar age, transfer of individual brood stock to fresh media should be made the morning of the test. The cultures are then checked approximately every two hours to find an adequate number of neonates all released with an 8 hour period. For acute tests, individuals are either transferred less than 24 hours before a test or the young are separated from adults less than 24 hours before a test.

4.4 Young used in chronic testing are obtained from adults who have produced at least three broods, with no less than 8 neonates in their third or subsequent brood. Neonates are then distributed in a "blocking" procedure, i.e., neonates from the same organism are placed in one replication of each concentration.

5.0 *DAPHNIA* Food

5.1 Digested Flake Food

5.1.1 Add 5g flake food to 1 L deionized water. Mix well in a blender and place in a 2 L separatory funnel. To digest, aerate this mixture at room temperature for one week.

5.1.2 At end of the digestion period, remove aeration and allow to settle.

5.1.3 Drain sediment. Place supernatant in a beaker and allow to settle in refrigerator overnight.

5.1.4 Filter through fine mesh.

CT&E Environmental Services Inc.

Standard Operating Procedure

Document Title:	**Culture of *Daphnia***
Method Reference:	**CT&E/USEPA**
Document File Name:	**7006-05.DOC**
Revision Number:	**5.0**
Effective Date:	**March 12, 2001**

Document Control Number: 7006

5.2 Cerophyll®

5.2.1 Add 5g Cerophyll® to 1 L deionized water. Mix in a blender on high speed for 5 minutes.

5.2.2 Remove from blender and allow to settle in refrigerator overnight.

5.2.3 Retain supernatant for combined YCT food.

5.3 Yeast

5.3.1 Add 5g dry yeast to 1 L deionized water. Mix in a blender at low speed.

5.3.2 Do not allow mixture to settle.

5.4 Combined YCT Food

5.4.1 Mix equal parts of each of the above preparations in large clean beakers.

5.4.2 Pour well mixed YCT into small screw cap bottles. Freeze until needed.

CT&E Environmental Services Inc.

Standard Operating Procedure

Document Title: Reference Toxicant Testing
Method Reference: CT&E/USEPA
Document File Name: 7008-05.DOC
Revision Number: 5.0
Effective Date: March 12, 2001

UNCONTROLLED COPY

Document Control Number: 7008

Approved by: Ken Holliday (Supervisor) 3/23/2001 (Date)

Approved by: (QA/QC Officer) 3/23/2001 (Date)

1.0 Summary

To insure that healthy organisms are used in testing, CT&E performs monthly QA/QC tests on all in-house cultured organisms. CT&E uses Sodium Chloride as a reference toxicant.

2.0 *Pimephales promelas*

2.1 48 hour static acute toxicity tests are run at 20°C (±1°C) using fish 1 to 14 days old.

2.2 This test consists of a control and a dilution series of 10g/L, 9g/L, 8g/L, 7g/L, and 6g/L, of sodium chloride. Other dilution series may be used.

2.3 The dilutions are prepared in 800 ml disposable plastic beakers using moderately hard synthetic water. 500 mls of test solution is placed in each of two replications. Water quality values are measured and recorded at this time.

2.4 Ten organisms are placed in each replicate. Fish are loaded by first siphoning them into a shallow pan from which they are transferred to the beakers with a large bore pipette.

2.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

3.0 Daphnids *(Ceriodaphnia dubia, Daphnia magna, Daphnia pulex)*

3.1 48 hour static acute tests are performed at 25°C (±1°C) using organisms less than 24 hours old.

3.2 These tests consist of a control and a five dilution series. The concentration of the reference toxicant is varied depending on species.

3.2.1 *Ceriodaphnia dubia, Daphnia pulex:* 10, 5, 2.5, 1.25, 0.625 grams/L

CT&E Environmental Services Inc.

Standard Operating Procedure

Document Title:	**Reference Toxicant Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7008-05.DOC**
Revision Number:	**5.0**
Effective Date:	**March 12, 2001**

Document Control Number: 7008

3.2.2 *Daphnia magna:* 10, 5, 2.5, 1.25, 0.625 grams/L

3.3 Dilutions are prepared using moderately hard synthetic water. 20 mls of each dilution are placed in each of 5 plastic medicine cups.

3.4 Four organisms are placed in each test vessel. The *Daphnids* are loaded with a disposable plastic pipette. Organisms are gently released below the surface of the water to minimize risk of injury.

3.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

4.0 Data Analysis

4.1 Toxicity tests are conducted on a monthly basis.

4.2 The LC_{50} is calculated according to EPA protocols.

4.3 Results from these tests are incorporated into Q-sum charts. These records are kept in monthly files.

CT&E Environmental Services Inc.

037

Standard Operating Procedure

Document Title:	**Sample Handling for Aquatic Toxicity Testing**
Method Reference:	**CT&E/USEPA**
Document File Name:	**7009-04.DOC**
Revision Number:	**4.0**
Effective Date:	**October 20, 1998**

Document Control Number: 7009

Approved by: Ken Holliday (Supervisor) Date: 10/21/98

Approved by: Lydia M. Olmos (QA/QC Officer) Date: 10/20/98

1.0 Summary

This document describes the manner in which sample waters (effluents, wastewaters, etc.) are handled from point of collection to testing.

2.0 Sample Handling

2.1 Sampling Personnel

CT&E's sampling personnel are trained and experienced in the techniques for collecting samples according to NPDES permit requirements. This includes the use of automatic sampling equipment and the measurement of various field parameters.

2.2 Sample Containers

Sample containers used by CT&E are disposable plastic cubitainers®.

2.3 Sample Collection Points

For NPDES permit required tests, the sample will be collected at the point specified in the discharge permit unless otherwise directed by the regulatory agency.

2.4 Sample Shipment

Samples are placed on ice (sufficient to maintain 0-4°C) in a cooler and are transported as quickly as possible to the laboratory.

2.5 Laboratory Handling of Samples

Upon delivery to the laboratory, the effluent samples are inspected, given a sample control number and stored at 4° C until used for testing.

CT&E Environmental Services Inc.
Standard Operating Procedure

2.6 Sample Holding Time

Samples will be tested within 24 hours upon receipt in the laboratory. The maximum lapsed time for collection of a grab or composite sample and the initiation of test, or for test solution renewal, will not exceed 36-hours for Chronic and Acute Testing.

3.0 LABORATORY ENVIRONMENT

3.1 Laboratory Arrangement

The aquatic toxicity testing laboratory is divided into two separate areas: (1) the culturing laboratory and (2) the testing laboratory. See attached diagram for details of laboratory layout.

3.2 Temperature

The aquatic toxicity testing laboratory air temperature is maintained at 20 ± 1° C throughout the year by a central heating and cooling system which is regulated by thermostats. Temperatures are continuously recorded by thermographs.

3.3 Water

Several waters are available for use in the laboratory. CT&E has access to municipally supplied water, well water and reagent water from which synthetic water is prepared. Waters used for culturing and testing are analyzed semiannually for priority pollutants and other contaminants. A detailed report is available.

3.4 Lighting

Ambient laboratory lighting is regulated with a 16 hour day/8 hour night photoperiod controlled by an electronic timing system in the culturing and testing areas.

4.0 LABORATORY EQUIPMENT

4.1 General

Instruments used for the measurement of physical and chemical parameters are calibrated prior to use in testing. Any instrument that exceeds the calibration limits is taken out of service and corrective action is taken.

CT&E Environmental Services Inc.
Standard Operating Procedure

4.2 Balances

Analytical balances are calibrated against standard weights prior to use. All calibration results and adjustments are recorded in bound books.

4.3 Water Quality Meters

Meters are calibrated prior to use using known standards and the manufacturer's instructions. Records of calibration are kept in logbooks. Detailed procedures for the operation of these meters are found in SOP's for each specific instrument.

4.4 Reagents

All reagents are stored in a separate area. Expired reagents and chemicals are discarded.

4.5 Test Containers

All test containers are either clean reusable glassware or new, disposable plastic beakers.

5.0 EQUIPMENT CLEANING PROCEDURES

5.1 Equipment used in culturing or testing is washed in the following manner:

5.1.1 Soak 15 minutes and scrub with detergent in tap water.
5.1.2 Rinse three times with tap water.
5.1.3 Rinse once with 20% nitric acid.
5.1.4 Rinse twice with deionized water.
5.1.5 Rinse once with full-strength, pesticide-grade acetone.
5.1.6 Rinse well with deionized water.
5.1.7 Invert and air dry.
5.1.8 All equipment and test chambers are rinsed with deionized water immediately prior to use for each test.

Appendix II
Chain of Custody

Chain of Custody Record

General Electric Co.

100 Woodlawn Ave. Pittsfield, MA 01201

TAS-AO-P029-Y2

Chain of Custody #: OBG010405

Wet Weather Acute Aquatic Toxicity for January 2005

Project # NPDES PERMIT	Analytical Lab: CT&E Environmental Services Inc.			Sampled By: (Print) Mark Wasnewsky		
Sample #	Date	Time	Containers	Parameters to be Analyzed	Preservative	Remarks
1 A6198C	1/3 to 1/4/05	1100 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
1 A6198C	1/3 to 1/4/05	1100 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
1 A6198C	1/3 to 1/4/05	1100 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
2 A6197R	1/4/05	815 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
2 A6197R	1/4/05	815 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
2 A6197R	1/4/05	815 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	Date/Time	Received By:	Date/Time
Mark Wasnewsky	1-4-05		1-4-04 1400
	1-4-05 1430		1/5/05 1030

Additional Comments: The effluent sample being analyzed for toxicity is a flow-proportioned composite. Each outfall sample is a 24-hour composite. The sample collection times for each outfall are as follows:

001- 750 AM 004- / 005-64T- 700 AM 005-64G- 700 AM 007- 800 AM 09A- 810 AM 09B- 810 AM

3.9°

The time of compositing the final flow-proportioned sample was 1100 A.M.

041

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric
Project:
Lab. No.: TAS-AO-P029-001/002
Date Received: 1/5/05
Sample Date: 1/3-4/05 Time: 11:00
Date Analyzed: 1/5/05
Source: EFFLUENT COMPOSITE
Analyst(s): KH
Source of dilution water: Housatonic River
Test Species: *Daphnia pulex* Age: Temp. Range: °C
Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	1/05/05	1/07/05
Time:	1600	1600

Concentration→	Housatonic River Control	MHSW Control	MHSW $Na_2S_2O_3$ Control	Effluent 5%	Effluent 15%	Effluent 35%	Effluent 50%	Effluent 75%	Effluent 100%
START									
Temperature	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
Hardness	140	110	110						130
D.O.	9.17	8.97	8.92	9.19	9.18	9.17	9.15	9.12	9.10
pH	6.45	7.04	7.13	6.51	6.63	6.74	6.82	6.90	6.97
Alkalinity	37	67	69						106
Sp. Conduct.	149	317	324	161	219	338	381	476	597
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
D.O.	8.78	8.70	8.74	8.81	8.77	8.74	8.79	8.77	8.80
pH	6.52	7.12	7.19	6.59	6.69	6.80	6.86	6.97	7.05
Sp. Conduct.	157	322	332	174	231	360	396	484	612
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
D.O.	8.64	8.60	8.62	8.61	8.58	8.60	8.57	8.59	8.62
pH	~~8.64~~ 6.57	7.17	7.15	6.54	6.73	6.78	6.83	7.02	7.10
Sp. Conduct.	168	329	328	179	224	357	391	498	608

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027F. U.S.EPA, Cincinnati, Ohio.

f:\public\forms\bioassay\GE bench sheet-acute.doc

Acute Biotoxicity Bench Sheet

Client: QC

Project: Reference Toxicant Lab. No.:

Date Received:

Sample Date: Time: Date Analyzed:

Source: NaCl Analyst:

Source of dilution water: Moderately Hard Synthetic Water

Test Species: Daphnia pulex Age: < 14 DAYS Temp. Range: °C

Type of Test: 48 HOUR ACUTE

Total Chlorine:

	Beginning	Ending
Date:	01/03/05	01/07/05
Time:	1600	1600

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	20.7		20.7	20.7	20.7	20.7	20.7
Hardness	110						120
D.O.	8.9		8.9	8.9	8.9	8.9	8.9
pH	7.0		7.1	7.2	7.2	7.2	7.2
Alkalinity	67						69
Sp. Conduct.	316		2114	3860	8210	13390	17,240
24 HOUR							
Temperature	20.2		20.2	20.2	20.2	20.2	20.2
No. Surviving	20		20	20	14	0	0
48 HOUR							
Temperature	19.7		19.7	19.7	19.7	19.7	19.7
No. Surviving	20		20	~~16~~ 15	7	0	0

Note: All results expressed in mg/L unless otherwise designated. < = less than

Note: Number in parenthesis equals number not adversely effected (EC_{50}). This number is used in calculating EC_{50} value.

Note: Due to fragile structure of *Daphnia* organisms, dissolved oxygen (DO), hardness, alkalinity, specific conductance, and pH reading could not be taken after the organisms are added to the sample. Doing so would cause injury to the organisms.

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine*

TRIMMED SPEARMAN-KARBER METHOD. MONTANA STATE UNIV

FOR REFERENCE, CITE:
HAMILTON, M.A., R.C. RUSSO, AND R.V. THURSTON, 1977.
TRIMMED SPEARMAN-KARBER METHOD FOR ESTIMATING MEDIAN
LETHAL CONCENTRATIONS IN TOXICITY BIOASSAYS.
ENVIRON. SCI. TECHNOL. 11(7): 714-719;
CORRECTION 12(4):417 (1978).

DATE: 01/05/05 TEST NUMBER: - DURATION: 48 HOURS
CHEMICAL: NaCl SPECIES: PULEX

RAW DATA:

CONCENTRATION(MG/L)	625.00	1250.00	2500.00	5000.00	*******
NUMBER EXPOSED:	20	20	20	20	20
MORTALITIES:	0	5	13	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 1894.65
95% LOWER CONFIDENCE: 1551.68
95% UPPER CONFIDENCE: 2313.42

Appendix IV

U.S. EPA Region I Toxicity Test Summary

NPDES Permit No. MA000 3891
SGS ID number: TA5-A0-P029
January 13, 2005

047

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: January 05, 2005
NPDES Permit Number: MA 000 3891 Pipe Number: 001, 005-64T, 005-64G, 09A, 09B

Test Type	Test Species	Sample Type	Sample Method
☑ Acute	☐ Fathead minnow	☐ Prechlorinated	☐ Grab
☐ Chronic	☐ Ceriodaphnia	☐ Dechlorinated	☑ Composite
☐ Modified*	☑ Daphnia pulex	☐ Chlorine	☐ Flow thru
☐ 24-hour Screening	☐ Mysid Shrimp	☐ Spiked at lab	☐ Other
	☐ Menidia	☑ Chlorinated on-site	
	☐ Sea Urchin	☐ Unchlorinated	
	☐ Champia		
	☐ Selenastrum		
	☐ Other		

*Modified (Chronic reporting acute values)

Dilution Water

X Receiving waters collected at a point upstream of or away from the discharge, free from toxicity or other sources of contamination (Receiving water name: Housatonic River);

___ Alternate surface water of known quality and a harness, etc. to generally reflect the characteristics of the receiving water;

___ Synthetic water prepared using either Millipore Mill-Q or equivalent deionized water and reagent grade chemicals; or deionized water combined with mineral water;

___ or artificial sea salts mixed with deionized water;

___ Deionized water and hypersaline brine; or

___ other

Effluent sampling date(s): January 03, 2005 to January 04, 2005

Effluent concentrations tested (in %): 100 75 50 35 15 5
*(Permit limit concentration): N/A

Was effluent salinity adjusted? No
If yes, to what value? N/A ppt
With sea salts? N/A Hypersaline brine solution? N/A

Actual effluent concentrations tested after salinity adjustment
(In %): N/A N/A N/A N/A N/A N/A
Reference Toxicant Test Date: January 05, 2005 to January 07, 2005

N/A= not applicable

Permit Limits & Test Results

Test Acceptability Criteria

MEAN CONTROL SURVIVAL: 100% MEAN CONTROL REPRODUCTION: N/A

MEAN CONTROL WEIGHT: N/A MEAN CONTROL CELL COUNT: N/A

Limits		Results	
LC50	N/A	48-hr LC50	>100%
		Upper Value	N/A
		Lower Value	N/A
		Data Analysis Method used:	N/A
A-NOEC	N/A	A-NOEC	100%
C-NOEC	N/A	C-NOEC	N/A
		LOEC	N/A
IC25	N/A	IC25	N/A
IC50	N/A	IC50	N/A

N/A = not applicable

Attachment E

Final Notification of On-Plant Excavations

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

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

January 5, 2005

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

Mr. James DiLorenzo
U.S. Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, MA 02114-2023

RE: GE Pittsfield – Final Notification of On Plant Excavations

Dear Ms. Steenstrup and Mr. DiLarenzo:

In accordance with our *Protocols for the Management of Excavation Activities*, this letter serves as the final notification for several excavations by General Electric Co. at the Pittsfield site.

Major excavations to support Facility Upgrade projects in the Unkamet Brook Area. DEP Site GECD170.

Location: By and around OP1, OP2, OP3 and Merrill Road.
Activity: On June 29, 2004 a letter was sent to the Agency and the Department concerning proposed excavation activities to support facility upgrade projects. The letter discussed at length the necessary projects and the anticipated soil excavation volumes, locations, and disposition. A letter dated July 23, 2004 from the Agency approved the projects and the associated soil disposition plan. The upgrades included new lighting and electrical service, and the replacement of several utility poles. The upgrades would involve excavating roughly 300 yards of soil. GE proposed that the soil excavated to dig the trench for the installation of new electrical service be reused as backfill in the same general locations from which they were excavated, and the soils excavated from the utility pole replacement be taken to the Hill 78 OPCA.
Dimension and Volume: A trench was excavated using a rubber tire backhoe. Dimensions of the trench were approximately one thousand feet long by two feet wide and three feet deep. A total of approximately two hundred and fifty yards of soil was excavated. Holes were dug for the utility pole replacements using a drill rig. In total, forty-six poles were installed as part of the upgrade, generating roughly fifty yards of excavated soil.
Analytical: Presented in Tables 1 and 2, respectively, of the June 29, 2004 letter to the Agency and the Department
Material Disposition: Excavated material from the trench was used as backfill in the same general location from which it was excavated. Excavated material from the pole replacements was taken to the Hill 78 OPCA on December 8, 2004.

Emergency excavation to cut and cap a fire main pipe servicing the 40's complex. DEP Site GECD120.

Location: Standard Grid L-6, Near the west end of Building 44.
Activity: On October 28, 2004 soil was excavated near the west end of Building 44 to cut and cap a 10" fire main pipe. The excavated soil was placed on and covered with polyethylene sheeting pending completion of the work on October 29, 2004.
Dimension and Volume: A hole was excavated using a rubber tire backhoe. The area of excavation was ten feet by ten feet and approximately eight feet deep. Approximately forty yards of soil was excavated.
Analytical: See Attachment 1. Presented in the pre-design investigation report for the 20s, 30s, 40s complex (BBL, March 2001) at soil boring location RAA1-10. PCB concentrations were non- detect at or less than .05 PPM. No Appendix IX or Appendix III constituents were detected. No further sampling was necessary.
Material Disposition: Some of the material was used to backfill the excavated area. The remaining 20 yards was transferred to OPCA Cell 71 on 11/17/04.

Emergency excavation to remove fire curbs and a leaking hydrant between Buildings 15 and 17. DEP Site GECD140.

Location: Standard Grid L-13, Between Buildings 15 and 17.
Activity: On October 7, 2004 soil was excavated between Buildings 15 and 17 in response to a leaking fire hydrant. The excavated soil was placed on and covered with polyethylene sheeting pending a review of the historic analytical results. The work was completed on October 8, 2004.
Dimensions and Volume: A hole was excavated using a rubber tire backhoe. The area of excavation was ten feet by ten feet and approximately eight feet deep. Approximately 30 yards of soil was excavated.
Analytical: See Attachment 2. Presented in the pre-design investigation report for East Street Area 2 North (BBL, June 2004) at soil boring location RAA5-D9. PCB concentrations were less than 1 PPM. No Appendix IX or Appendix III constituents were detected. No further sampling was necessary.
Material Disposition: Some of the material was used to backfill the excavated area. The remaining 20 yards was transferred to OPCA Cell 78 on 11/17/04.

Emergency excavation to cut and cap a fire main. DEP Site GECD140.

Location: Standard Grid N-11, east end of Building 16.
Activity: On November 4, 2004 soil was excavated between by Buildings 16 to cut and cap a fire main service pipe. The excavated soil was placed on and covered with polyethylene sheeting pending a review of the historic analytical results. The work was completed on November 5, 2004.
Dimensions and Volume: A hole was excavated using a rubber tire backhoe. The area of excavation was ten feet by ten feet and approximately eight feet deep. Approximately 30 yards of soil was excavated.
Analytical: See Attachment 3. Presented in the pre-design investigation report for East Street Area 2 North (BBL, June 2004) at soil boring location RAA5-I4. PCB concentrations were less than 23 PPM. No Appendix IX or Appendix III constituents were detected. No further sampling was necessary.
Material Disposition: Material was brought to OPCA Cell 78 for disposal on 11/17/2004.

Minor excavation to plant bushes on the south side of Building 59. DEP Site GECD170.

Location: Standard Grids M-43, south side of Building 59.
Activity: On November 6, 2004 soil was excavated on the south side Building 59 to plant bushes. The excavated soil was placed on and covered with a polyethylene sheeting pending transfer to OPCA cell 71.
Dimension and Volume: A hole was dug using hand shovels. The excavated area was approximately 4 feet by 4 feet by 3 feet deep. Approximately two yards of soil was removed.
Analytical: None – OPCA 71 Disposal
Material Disposition: Material was brought to OPCA Cell 71 for disposal on 11/17/2004.

Minor excavation to install a small black top extension of road by the south side of Building 106X. DEP Site GECD170.

Location: Standard Grid I-43, south side of Building 106X.
Activity: On November 12, 2004 soil was excavated on the south side of Building 106X to install a black top extension. The excavated soil was placed on and covered with a polyethylene sheeting pending transfer to OPCA cell 78. The excavated area was covered with black top and not in need of back fill.
Dimension and Volume: A hole was excavated using a rubber tire backhoe. The area of excavation was eight feet by six feet and approximately two feet deep. Approximately 3 yards of soil was excavated.
Analytical: See Attachment 4. Soil boring locations RAA10-N-117, RAA10-N-118, RAA10-N-1110 and UB-SB-35-I4. PCB concentrations were less than 10 PPM. No Appendix IX or Appendix III constituents were detected. No further sampling was necessary.
Material Disposition: Material was brought to OPCA Cell 78 for disposal on 11/17/2004.

Minor excavation to plant trees on the west side of Building 59. DEP Site GECD170.

Location: Standard Grids M-42, west side of Building 59.

Activity: On November 9, 2004 soil was excavated on the west side Building 59 to plant trees. The excavated soil was placed on and covered with a polyethylene sheeting pending transfer to OPCA cell 71.

Dimension and Volume: Two holes were dug using hand shovels. Each hole excavation was roughly three feet by three feet by three feet deep. Approximately two yards of soil was removed.

Analytical: None – OPCA 71 Disposal

Material Disposition: Material was brought to OPCA Cell 71 for disposal on 11/17/2004.

Minor excavation to install gate posts in the lower General Dynamics Parking Lot. DEP Site GECD160.

Location: Standard Grids P-33 and P-35, lower General Dynamics Parking Lot.

Activity: On November 17, 2004 soil was excavated in the lower General Dynamics Parking Lot to install new fence gateposts. The excavated soil transferred to OPCA Cell 71 at the time of excavation.

Dimension and Volume: Two holes were dug using hand shovels. Each hole excavation was roughly eight inches wide by 4 feet deep. Approximately two yards of soil was removed.

Analytical: None – OPCA 71 Disposal

Material Disposition: Material was brought to OPCA Cell 71 for disposal on 11/17/2004.

Major excavation for the installation of new utility lines associated with the new temporary boilers in the lower General Dynamics Parking Lot. DEP Site GECD160.

Location: Standard Grids P,Q,R-34 and 35, in the lower General Dynamics Parking Lot.

Activity: On November 12, 2004 a Pre-Excavation Notification letter was sent to the Department and the Agency concerning the installation of new utility lines associated with the installation of new temporary boilers. The excavation was expected to involve 400 cubic yards of soil. On November 17, 2004 the project began with excavated soil being transferred to OPCA Cell 71 as it was removed. A total of roughly 400 cubic yards of soil was transferred to OPCA Cell 71 upon completion of the excavations on November 30, 2004.

Dimensions and Volume: Holes were excavated using rubber tire backhoes. There were multiple excavations, generally in the top 4 to 6 feet. Approximately 400 yards of soil was excavated. The excavated areas were back-filled with clean fill from off-site by a GE approved vendor.

Analytical: None – OPCA 71 Disposal

Material Disposition: Material was brought to OPCA Cell 71 for disposal as it was excavated from 11/17/2004 through 11/30/2004.

Major excavation for the installation of gas main on the north west side of Buildings 64T and 64G. GECD150.

Location: Standard Grids R-14, on the north west side of Buildings 64T and 64G.

Activity: On October 22, 2004 a Pre-Excavation Notification letter was sent to the Department and the Agency concerning the installation of a new gas main on the north west side of Buildings 64T and 64G. The excavation was expected to involve 35 cubic yards of soil. On November 17, 2004 the project began with excavated soil being transferred to OPCA Cell 71 as it was removed. A total of roughly 35 cubic yards of soil was transferred to OPCA Cell 71 upon completion of the excavation on November 22, 2004.

Dimensions and Volume: A Hole was excavated using rubber tire backhoes. Approximately 35 yards of soil was excavated. The excavated area was back-filled with clean fill from off-site by a GE approved vendor.

Analytical: None – OPCA 71 Disposal

Material Disposition: Material was brought to OPCA Cell 71 for disposal as it was excavated from 11/17/2004 through 11/22/2004.

Minor excavation to install a gate and fence in the lower General Dynamics Parking Lot. DEP Site GECD160.

Location: Standard Grids P,Q,R-34 and 35, lower General Dynamics Parking Lot.
Activity: On December 13, 2004 soil was excavated in the lower General Dynamics Parking Lot to install a gate and new fence around the new temporary boilers regulator pad. The excavated soil was placed on and covered with poly pending transfer to OPCA Cell 71.
Dimension and Volume: Two holes were dug using hand shovels. Each hole excavation was roughly eight inches wide by 4 feet deep. Approximately two yards of soil was removed.
Analytical: None – OPCA 71 Disposal
Material Disposition: Material was brought to OPCA Cell 71 for disposal on 12/16/2004.

This completes notification for these excavations. Please contact me at (413) 494-3177 if you have any questions.

Yours truly,

John F. Novotny, P.E.
Manager – Facilities and Brownfields Programs

Cc (Letter Only): Robert Bell, DEP
Michael Carroll, GE
Rod McLaren, GE
John Levesque, GE

Cc (Letter/Attachments): Dean Tagliaferro, EPA
Anna Symington, DEP
Craig Bruening, BB&L
Peter Varley, Onyx

Attachment 1

TABLE 1

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBS

(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA2-35	0-1	11/28/00	ND(0.040)	0.19	0.12	0.31
	1-6	11/28/00	ND(0.040)	0.11	0.045	0.155
	6-10	11/28/00	ND(0.80)	ND(0.80)	7.4	7.4
RAA2-36	0-1	11/29/00	ND(0.42)	4.9	1.5	6.4
	1-6	11/29/00	ND(0.40)	1.2	0.59	1.79
	6-15	11/29/00	ND(0.043)	0.20	0.091	0.291
RAA2-37	0-1	11/30/00	ND(0.040)	2.1 J	1.2	3.3 J
	1-6	11/30/00	ND(0.040)	0.77	0.35	1.12
	6-15	11/30/00	ND(0.040)	0.18	ND(0.040)	0.18
RAA2-38	0-1	12/5/00	ND(0.44)	5.9	ND(0.44)	5.9
	1-6	12/5/00	ND(0.21)	3.9	ND(0.21)	3.9
	6-15	12/5/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA2-39	0-1	11/27/00	ND(2.3)	66	ND(2.3)	66
	1-6	11/27/00	ND(0.040)	1.1	ND(0.040)	1.1
	6-15	11/27/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-40	0-1	12/7/00	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
	1-6	12/7/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-15	12/7/00	ND(0.044)	ND(0.044)	0.086	0.086
RAA2-41	0-1	12/6/00	ND(0.041)	0.50	0.73	1.23
	1-6	12/6/00	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]	ND(0.039) [ND(0.040)]
	6-15	12/6/00	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
RAA2-42	1.4-6	1/8/01	ND(4.3)	ND(4.3)	ND(4.3)	ND(4.3)
	6-15	1/8/01	ND(0.049)	ND(0.049)	ND(0.049)	ND(0.049)
RAA2-43	0-1	12/1/00	ND(0.45)	3.0	3.8	6.8
RAA2-SB-1,S	0-1	11/27/00	ND(0.041)	1.2	0.97	2.17
RF-2	0-1	12/4/00	ND(0.042)	0.54	0.56	1.1
RF-16	0-1	1/2/01	ND(0.46)	ND(0.46)	5.9	5.9
	1-6	1/2/01	ND(0.053)	ND(0.053)	1.3	1.3
40s Complex						
95-17	0-1	12/18/00	ND(0.29)	1.4	1.8	3.2
RAA1-1	0-1	1/4/01	ND(0.047)	1.1	1.3	2.4
	1-6	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	1/4/01	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA1-2	0-1	12/19/00	ND(0.047)	0.070	0.089	0.159
	1-6	12/19/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/19/00	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
RAA1-3	0-1	12/19/00	ND(0.044)	0.058	0.094	0.152
	1-6	12/19/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/19/00	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA1-4	0-1	1/2/01	ND(0.044)	0.046	0.022 J	0.068
	1-6	1/2/01	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
	6-15	1/2/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA1-5	1-6	1/4/01	ND(0.054)	ND(0.054)	ND(0.054)	ND(0.054)
	6-9.8	1/4/01	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
RAA1-6	0-1	1/8/01	ND(0.045)	ND(0.045)	0.071	0.071
	1-6	1/8/01	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	1/8/01	ND(4.9)	ND(4.9)	ND(4.9)	ND(4.9)
RAA1-7	0-1	12/18/00	ND(0.96)	15	ND(0.96)	15
	1-6	12/18/00	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
	6-15	12/18/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA1-8	0-1	12/18/00	ND(0.057)	0.11	0.075	0.185
	1-3	12/18/00	ND(0.50)	3.1	2.8	5.9
RAA1-9	0-1	12/21/00	ND(0.046)	ND(0.046)	0.17	0.17
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA1-10	0-1	12/21/00	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
	1-6	12/21/00	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	6-15	12/21/00	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Removal Action Area: / Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	40s Complex RAA1-9 1-6 12/21/00	40s Complex RAA1-10 0-1 12/21/00	40s Complex RAA1-11 1-4 01/05/01	40s Complex RAA1-11 2-4 01/05/01	40s Complex RAA1-12 0-1 12/19/00	40s Complex RAA1-13 0-1 12/21/00
Volatile Organics						
Benzene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Chlorobenzene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Tetrachloroethene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Trichloroethene	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Xylenes (total)	NS	ND(0.0073)	NS	ND(0.0078) [ND(0.0066)]	ND(0.0086)	ND(0.0065)
Semivolatile Organics						
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4,5-Trichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4,6-Trichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4-Dichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4-Dimethylphenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2,4-Dinitrophenol	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
2,6-Dichlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Acetylaminofluorene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
2-Chlorophenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Methylnaphthalene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Methylphenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
2-Nitrophenol	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
3&4-Methylphenol	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
3,3'-Dichlorobenzidine	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
3,3'-Dimethylbenzidine	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
3-Methylcholanthrene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
4,6-Dinitro-2-methylphenol	ND(0.44) J	ND(0.50) J	ND(0.47) J	NS	ND(0.60)	ND(0.45) J
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
4-Nitrophenol	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1) J	ND(2.3)
7,12-Dimethylbenz(a)anthracene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2) J	ND(0.90)
Acenaphthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Acenaphthylene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Anthracene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Aramite	ND(0.89) J	ND(1.0) J	ND(0.95) J	NS	ND(1.2)	ND(0.90) J
Benzidine	ND(0.89)	ND(1.0)	ND(0.95) J	NS	ND(1.2) J	ND(0.90)
Benzo(a)anthracene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.71
Benzo(a)pyrene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.50
Benzo(b)fluoranthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.55
Benzo(g,h,i)perylene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Benzo(k)fluoranthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.66
Bis(2-Ethylhexyl)phthalate	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Butylbenzylphthalate	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
Chrysene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	0.79
Dibenzo(a,h)anthracene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2) J	ND(0.90)
Dibenzofuran	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Di-n-Butylphthalate	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Di-n-Octylphthalate	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Fluoranthene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	1.5
Fluorene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Hexachlorophene	ND(0.89) J	ND(1.0) J	ND(0.95) J	NS	ND(1.2) J	ND(0.90) J
Indeno(1,2,3-cd)pyrene	ND(0.89)	ND(1.0)	ND(0.95)	NS	ND(1.2)	ND(0.90)
Naphthalene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Pentachlorobenzene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Pentachlorophenol	ND(2.3)	ND(2.6)	ND(2.4)	NS	ND(3.1)	ND(2.3)
Phenanthrene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	1.4
Phenol	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	ND(0.45)
Pyrene	ND(0.44)	ND(0.50)	ND(0.47)	NS	ND(0.60)	1.8

TABLE 2

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

20s, 30s, 40s COMPLEX
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR APPENDIX IX+3 CONSTITUENTS

(Results are presented in dry weight parts per million, ppm)

Parameter / Removal Action Area:	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex	40s Complex
Sample ID:	RAA1-9	RAA1-10	RAA1-11	RAA1-11	RAA1-12	RAA1-13
Sample Depth(Feet):	1-6	0-1	1-4	2-4	0-1	0-1
Date Collected:	12/21/00	12/21/00	01/05/01	01/05/01	12/19/00	12/21/00
Furans						
2,3,7,8-TCDF	ND(0.00000011)	ND(0.00000013)	0.00000018 J**	NS	0.0000016	0.0000046
TCDFs (total)	0.00000051	0.00000084	0.0000011	NS	0.000010	0.000044
1,2,3,7,8-PeCDF	ND(0.000000093)	0.000000073 J**	0.000000083 J**	NS	0.00000066 J**	0.0000046
2,3,4,7,8-PeCDF	0.00000012 J**	0.00000017 J**	0.00000018 J**	NS	0.0000021 J**	0.0000046
PeCDFs (total)	0.00000071	0.0000020	0.0000015	NS	0.000020	0.000046
1,2,3,4,7,8-HxCDF	0.000000099 J**	0.000000096 J**	0.00000019 J**	NS	0.0000018 J**	0.0000095
1,2,3,6,7,8-HxCDF	0.000000099 J**	0.00000015 J**	0.00000015 J**	NS	0.0000012 J**	0.0000047
1,2,3,7,8,9-HxCDF	ND(0.000000056)	ND(0.000000053)	ND(0.000000052)	NS	0.00000029 J**	0.0000031
2,3,4,6,7,8-HxCDF	0.000000091 J**	0.00000024 J**	0.00000015 J**	NS	0.0000023	0.0000040
HxCDFs (total)	0.0000010	0.0000026	0.0000017	NS	0.000031	0.000045
1,2,3,4,6,7,8-HpCDF	0.00000023 J**	0.00000046 J**	ND(0.00000024)	NS	0.000015	0.000017
1,2,3,4,7,8,9-HpCDF	ND(0.000000084)	ND(0.000000051)	ND(0.000000065)	NS	0.00000070 J**	0.0000057
HpCDFs (total)	0.00000042	0.00000088	0.00000049	NS	0.000028	0.000033
OCDF	0.00000025 J**	0.00000029 J**	0.00000020 w	NS	0.0000078	0.000038
Total Furans	0.0000029	0.0000066	0.0000050	NS	0.000097	0.00021
Dioxins						
2,3,7,8-TCDD	ND(0.000000096)	ND(0.00000011)	ND(0.000000050)	NS	ND(0.000000066)	0.00000024 w
TCDDs (total)	ND(0.00000035)	ND(0.00000032)	ND(0.00000029)	NS	0.00000026	0.0000033
1,2,3,7,8-PeCDD	ND(0.000000048)	0.000000069 w	ND(0.000000064)	NS	0.00000027 w	0.00000042 J**
PeCDDs (total)	ND(0.00000045)	ND(0.00000051)	ND(0.00000043)	NS	0.00000070	0.0000051
1,2,3,4,7,8-HxCDD	ND(0.000000054)	ND(0.000000054)	ND(0.000000060)	NS	0.00000014 J**	0.00000029 J**
1,2,3,6,7,8-HxCDD	ND(0.000000057)	ND(0.000000056)	ND(0.000000064)	NS	0.00000068 J**	0.00000060 J**
1,2,3,7,8,9-HxCDD	ND(0.000000051)	ND(0.000000051)	ND(0.000000057)	NS	0.00000028 J**	0.00000042 J**
HxCDDs (total)	ND(0.00000056)	0.00000028	ND(0.00000047)	NS	0.0000055	0.0000057
1,2,3,4,6,7,8-HpCDD	ND(0.00000039)	0.00000070 J**	ND(0.00000032)	NS	0.000017	0.0000036
HpCDDs (total)	ND(0.00000060)	0.0000013	ND(0.00000054)	NS	0.000030	0.0000067
OCDD	ND(0.0000018)	0.0000050	ND(0.0000012)	NS	0.00015	0.0000075
Total Dioxins	0.0000024	0.0000066	0.0000017	NS	0.00019	0.000028
WHO TEF	ND(0.00000011)	ND(0.00000013)	NS	NS	NS	NS
Inorganics						
Arsenic	**ND(20.0) J**	**ND(23.0) J**	ND(21.0)	NS	ND(27.0)	**23.0 J**
Barium	**ND(40.0) J**	**ND(46.0) J**	ND(43.0)	NS	55.0	**77.0 J**
Beryllium	**0.220 J**	**0.260 J**	0.290	NS	0.440	**ND(0.200) J**
Cadmium	**ND(2.00) J**	**ND(2.30) J**	ND(2.10)	NS	ND(2.70)	**ND(2.00) J**
Chromium	**8.60 J**	**9.70 J**	7.20	NS	27.0	15.0
Cobalt	**ND(10.0) J**	**ND(11.0) J**	11.0	NS	ND(14.0)	**ND(10.0) J**
Copper	**30.0 J**	**ND(23.0) J**	ND(21.0)	NS	37.0	260
Cyanide	ND(1.00)	ND(1.00)	ND(1.00)	NS	ND(1.00)	ND(1.00)
Lead	23.0	22.0	6.90	NS	46.0	1700
Mercury	ND(0.270)	ND(0.300)	ND(0.280)	NS	ND(0.360)	ND(0.270)
Nickel	**15.0 J**	**16.0 J**	14.0	NS	17.0	49.0
Selenium	ND(1.00)	ND(1.10)	**ND(1.1) J**	NS	ND(1.40)	ND(1.00)
Silver	**ND(1.00) J**	**ND(1.10) J**	ND(1.10)	NS	ND(1.40)	**ND(1.00) J**
Sulfide	8.40	9.60	ND(7.10)	NS	ND(9.00)	8.50
Thallium	**ND(2.00) J**	**ND(2.30) J**	**ND(2.1) J**	NS	**ND(2.70) J**	**ND(2.00) J**
Tin	**ND(60.0) J**	**ND(68.0) J**	ND(64.0)	NS	ND(81.0)	1300
Vanadium	**ND(10.0) J**	**ND(11.0) J**	ND(11.0)	NS	ND(14.0)	**ND(10.0) J**
Zinc	54.0	56.0	43.0	NS	87.0	2000

Attachment 2

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

SAMPLES TO BE EXCAVATED - EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260
RAA5-D9	0-1	3/1/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.60
	1-6	3/1/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.028 J	0.038 J
	6-15	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-J6	0-1	2/2/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.2	2.8
	1-6	2/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.69	1.5
	6-15	2/2/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.017 J	0.028 J

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. With the exception of samples flagged with a* data has been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

Total PCBs
0.60
0.066 J
ND(0.037)
4.0
2.19
0.045 J

ıc. for analysis of PCBs.
Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4,

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SAMPLES TO BE EXCAVATED - EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID:	RAA5-D9	RAA5-D9	RAA5-J6	RAA5-J6	RAA5-J6
Sample Depth(Feet):	6-15	9-11	0-1	6-15	10-12
Date Collected:	03/01/04	03/01/04	02/02/04	02/02/04	02/02/04
Volatile Organics					
Acetone	NA	ND(0.022)	0.0070 J	NA	ND(0.021)
Carbon Disulfide	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0052)
Chlorobenzene	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0052)
Chloroform	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0052)
Ethylbenzene	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0052)
Trichloroethene	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0052)
Xylenes (total)	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0052)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
1,2,4-Trichlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
1,3-Dinitrobenzene	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
1,4-Naphthoquinone	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
2,4-Dinitrophenol	ND(1.9)	NA	ND(1.9)	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
2,6-Dinitrotoluene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
2-Acetylaminofluorene	ND(0.74) J	NA	ND(0.75)	ND(0.69)	NA
2-Methylnaphthalene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
3&4-Methylphenol	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
4-Chlorobenzilate	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
5-Nitro-o-toluidine	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
Acenaphthene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Acenaphthylene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Aniline	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Anthracene	ND(0.37)	NA	0.076 J	ND(0.34)	NA
Benzidine	ND(0.74)	NA	ND(0.75) J	ND(0.69) J	NA
Benzo(a)anthracene	0.082 J	NA	0.21 J	ND(0.34)	NA
Benzo(a)pyrene	ND(0.37)	NA	0.14 J	ND(0.34)	NA
Benzo(b)fluoranthene	ND(0.37)	NA	0.12 J	ND(0.34)	NA
Benzo(g,h,i)perylene	ND(0.37)	NA	0.15 J	ND(0.34)	NA
Benzo(k)fluoranthene	ND(0.37)	NA	0.13 J	ND(0.34)	NA
Benzyl Alcohol	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.37)	ND(0.34)	NA
Butylbenzylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Chrysene	0.078 J	NA	0.23 J	ND(0.34)	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Dibenzofuran	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Dimethylphthalate	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Fluoranthene	0.19 J	NA	0.35 J	ND(0.34)	NA
Fluorene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Hexachlorobenzene	ND(0.37) J	NA	ND(0.37)	ND(0.34)	NA
Hexachlorobutadiene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	0.082 J	ND(0.34)	NA
Isophorone	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Methapyrilene	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
Naphthalene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.75)	ND(0.69)	NA
Pentachlorobenzene	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Phenacetin	ND(0.74)	NA	ND(0.75) J	ND(0.69) J	NA
Phenanthrene	ND(0.37)	NA	0.22 J	ND(0.34)	NA
Phenol	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA
Pyrene	0.15 J	NA	0.46	ND(0.34)	NA
Thionazin	ND(0.37)	NA	ND(0.37)	ND(0.34)	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SAMPLES TO BE EXCAVATED - EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-D9 6-15 03/01/04	RAA5-D9 9-11 03/01/04	RAA5-J6 0-1 02/02/04	RAA5-J6 6-15 02/02/04	RAA5-J6 10-12 02/02/04
Furans					
2,3,7,8-TCDF	ND(0.00000047)	NA	ND(0.0000040)	ND(0.00000041)	NA
TCDFs (total)	0.000085 I	NA	0.0031 I	0.000013 I	NA
1,2,3,7,8-PeCDF	ND(0.00000040)	NA	ND(0.0000054)	ND(0.00000045)	NA
2,3,4,7,8-PeCDF	ND(0.00000043)	NA	ND(0.000040) X	ND(0.00000052)	NA
PeCDFs (total)	0.000057 I	NA	0.0060 I	0.000046 I	NA
1,2,3,4,7,8-HxCDF	ND(0.00000032)	NA	ND(0.0000067)	ND(0.00000028)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000032)	NA	ND(0.0000066)	ND(0.00000027)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000029)	NA	ND(0.0000066)	ND(0.00000026)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000029)	NA	0.000029	ND(0.00000027)	NA
HxCDFs (total)	ND(0.00000032)	NA	0.0044 I	0.000033 I	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000016)	NA	0.00012 I	ND(0.0000040) X	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000020)	NA	ND(0.0000029)	ND(0.00000016)	NA
HpCDFs (total)	ND(0.00000020)	NA	0.00024 I	ND(0.00000016)	NA
OCDF	ND(0.00000043)	NA	ND(0.000052) X	ND(0.00000029)	NA
Dioxins					
2,3,7,8-TCDD	ND(0.00000025)	NA	ND(0.0000013)	ND(0.00000021)	NA
TCDDs (total)	ND(0.00000025)	NA	ND(0.0000013)	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	ND(0.0000013)	NA	ND(0.000019)	ND(0.0000010)	NA
PeCDDs (total)	ND(0.0000013)	NA	ND(0.000019)	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000029)	NA	ND(0.0000060)	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000028)	NA	ND(0.0000054)	ND(0.00000028)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000026)	NA	ND(0.0000050)	ND(0.00000025)	NA
HxCDDs (total)	ND(0.00000029)	NA	ND(0.0000060)	ND(0.00000029)	NA
1,2,3,4,6,7,8-HpCDD	ND(0.00000020)	NA	ND(0.0000026)	ND(0.00000015)	NA
HpCDDs (total)	ND(0.00000020)	NA	ND(0.0000026)	ND(0.00000015)	NA
OCDD	0.0000037	NA	0.000095	ND(0.00000024)	NA
Total TEQs (WHO TEFs)	0.0000010	NA	0.000026	0.00000088	NA
Inorganics					
Antimony	ND(6.00) J	NA	ND(6.00)	ND(6.00)	NA
Arsenic	4.50	NA	6.40	5.60	NA
Barium	17.0 J	NA	45.0	7.80 B	NA
Beryllium	0.160 B	NA	0.160 B	0.0670 B	NA
Cadmium	0.220 J	NA	0.590	0.350 B	NA
Chromium	5.30	NA	9.20	6.30	NA
Cobalt	6.50	NA	8.70	6.80	NA
Copper	11.0 J	NA	48.0	34.0	NA
Cyanide	ND(0.550)	NA	0.0820 B	ND(0.210)	NA
Lead	4.30	NA	110	8.10	NA
Mercury	ND(0.110)	NA	0.210	ND(0.100)	NA
Nickel	12.0	NA	14.0	11.0	NA
Selenium	0.590 J	NA	1.20	1.00	NA
Silver	ND(1.00)	NA	0.200 B	ND(1.00)	NA
Sulfide	10.0	NA	8.90	8.30	NA
Thallium	ND(1.10) J	NA	ND(1.10)	ND(1.00)	NA
Tin	ND(10)	NA	ND(10)	ND(10)	NA
Vanadium	4.90 B	NA	10.0	4.00 B	NA
Zinc	33.0	NA	74.0	36.0	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

SAMPLES TO BE EXCAVATED - EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. With the exception of samples flagged with a* data has been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. NA - Not Analyzed - Laboratory did not report results for this analyte.
4. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.
I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
R - Data was rejected due to a deficiency in the data generation process.
X - Estimated maximum possible concentration.
Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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

Attachment 3

TABLE 1

PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2 - NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-G35	0-1	3/3/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.64	0.91	1.55
	1-6	3/3/2004	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	4.2	3.6	7.8
	6-15	3/3/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.017 J	0.018 J	0.035 J
RAA5-H4	0-1	1/21/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.6	0.76	2.36
	1-6	1/21/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	1/21/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.015 J	0.015 J
RAA5-H7	0-1	1/28/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	3.2	4.7	7.9
	1-6	1/28/2004	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.7	2.1	3.8
	6-15	1/28/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-H9	0-1	3/12/2004	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.1	5.8	7.9
	1-6	3/12/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)	0.18	0.18
	6-15	3/12/2004	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	0.15 J	0.17 J	0.32 J
RAA5-H10	0-1	2/27/2004	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	ND(0.21)	4.7	4.7
	1-6	2/27/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	1.7	1.7
	6-15	2/27/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)	0.019 J	0.019 J
RAA5-H20	0-1	2/27/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.85	1.8	2.65
	1-6	2/27/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.35	0.52	0.87
	6-15	2/27/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.012 J	0.027 J	0.039 J
RAA5-H22	0-1	2/24/2004	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.82	1.4	2.22
	1-6	2/24/2004	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.37)	7.6	4.0	11.6
	6-15	2/24/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.022 J	ND(0.037)	0.022 J
RAA5-H24	6-15	2/24/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-H26	0-1	2/24/2004	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	1.9	2.4	4.3
	1-6	2/24/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.047	0.039	0.086
	6-15	2/24/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-H28	0-1	3/2/2004	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	ND(0.41)	3.2	5.0	8.2
	1-6	3/2/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.20	0.20	0.40
	6-15	3/2/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.087	0.085	0.172
RAA5-H29	0-1	1/12/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.19	0.30	0.49
	1-6	1/12/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.014 J	0.016 J	0.030 J
	6-15	1/12/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.053	0.069	0.122
RAA5-H30	0-1	3/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.24	0.50	0.74
	1-6	3/8/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.0
	6-15	3/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.015 J	0.018 J	0.033 J
RAA5-H31	1-6	3/2/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-H33	0-1	2/25/2004	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	0.99	1.1	2.09
	1-4	2/25/2004	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	ND(3.8)	8.1	8.0	16.1
RAA5-H34	0-1	3/3/2004	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.1	1.5	3.6
	1-6	3/3/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.3	3.1	5.4
	6-15	3/3/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.55	1.1	1.65
RAA5-I1	0-1	3/10/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.017 J	0.017 J
	1-6	3/10/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.035 J	0.035 J
	6-15	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.035)	ND(0.038)	ND(0.038)
RAA5-I4	0-1	2/2/2004	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	ND(1.9)	16	6.8	22.8
	1-4	2/2/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.065	0.024 J	0.089
RAA5-I7	0-1	1/28/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.35	0.58	0.93
	1-6	1/28/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	1/28/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.034 J	0.034 J
RAA5-I17	0-1	3/2/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	5.2	7.4	12.6
	1-6	3/2/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.6	3.4	6.0
	6-15	3/2/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	2.9	5.2	8.1

TABLE 1

PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

PRE-DESIGN INVESTIGATION REPORT FOR THE EAST STREET AREA 2 - NORTH REMOVAL ACTION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million (ppm))

Sample ID	Depth (Feet)	Date Collected*	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-I23	0-1	2/23/2004	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	ND(0.19)	2.1	1.6	3.7
	1-6	2/23/2004	ND(19)	ND(19)	ND(19)	ND(19)	ND(19)	180	ND(19)	180
	6-15	2/23/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.12	ND(0.038)	0.12
RAA5-I25	0-1	2/25/2004	ND(0.18) [ND(0.19)]	ND(0.18) [ND(0.19)]	ND(0.18) [ND(0.19)]	ND(0.18) [ND(0.19)]	ND(0.18) [ND(0.19)]	0.89 [0.93]	1.5 [1.3]	2.39 [2.23]
	1-6	2/25/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.083	0.080	0.163
	6-15	2/25/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-I26	1-6	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.048	0.078	0.126
	6-15	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-I27	1-6	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-J5	0-1	2/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.022 J	0.027 J	0.049 J
	1-6	2/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.081	0.064	0.145
	6-15	2/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.15	0.19	0.34
RAA5-J6	0-1	2/2/2004	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	1.2	2.8	4.0
	1-6	2/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.69	1.5	2.19
	6-15	2/2/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	0.017 J	0.028 J	0.045 J
RAA5-J8	0-1	2/13/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	1.3	1.3
	1-6	2/13/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.077	0.10	0.177
	6-15	2/13/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA5-J10*	0-1	6/8/2004	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	180	180
	1-6	6/8/2004	ND(390)	ND(390)	ND(390)	ND(390)	ND(390)	ND(390)	4700	4700
	6-15	6/8/2004	ND(730)	ND(730)	ND(730)	ND(730)	ND(730)	ND(730)	5800	5800
RAA5-J16	0-1	1/27/2004	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	4.3	6.6	10.9
	1-6	1/27/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	0.068	0.068
	6-15	1/27/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037
RAA5-J18	0-1	1/27/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.13	0.29	0.42
	1-6	1/27/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.045	0.050	0.095
	6-15	1/27/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-J21	0-1	3/2/2004	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	ND(18)	26	26
	1-6	3/2/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)	1.2	1.2
	6-15	3/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA5-K13*	0-1	6/8/2004	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	10	10
	1-6	6/8/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.96	0.36	1.32
	6-15	6/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.22	0.023 J	0.243
RAA5-K19*	0-1	6/8/2004	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	ND(36)	440	440
	1-6	6/8/2004	ND(9.2)	ND(9.2)	ND(9.2)	ND(9.2)	ND(9.2)	ND(9.2)	180	180
	6-15	6/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.31	0.37	0.68

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. With the exception of samples flagged with a* data has been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

Attachment 4

TABLE 1
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR PCBs

BUILDING 106X ROAD EXTENSION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-N-II7	0-1	10/17/2003	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.079	0.079
	1-6	10/17/2003	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	0.18 [0.18]	0.18 [0.18]
	6-15	10/17/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.022 J	0.022 J
RAA10-N-II8	0-1	10/9/2003	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.15	0.15
	1-6	10/9/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.40	0.19	0.59
	6-15	10/9/2003	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	0.17	0.041	0.211
RAA10-N-II10	1-6	10/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	0.012 J	0.012 J
	6-15	10/17/2003	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
UB-SB-3	0-2	8/9/1996	ND(0.72)	ND(1.5)	ND(0.72)	ND(0.72)	ND(0.72)	ND(0.72)	8.4	8.4
	2-4	8/9/1996	ND(0.036)	ND(0.074)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	2.3	2.3
	4-6	8/9/1996	ND(0.038)	ND(0.077)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.077)
	6-8	8/9/1996	ND(0.40)	ND(0.82)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.82)
	8-10	8/9/1996	ND(0.038)	ND(0.078)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.078)
	10-12	8/9/1996	ND(0.039)	ND(0.078)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.078)

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation and SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Field duplicate sample results are presented in brackets.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantitation limit (PQL).

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

BUILDING 106X ROAD EXTENSION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	MCP Method 1 S-2 Soil Standards	RAA10-N-II7 0-1 10/17/03	RAA10-N-II7 1-6 10/17/03	RAA10-N-II7 4-6 10/17/03
Volatile Organics				
Acetone	60	ND(0.11)	NA	ND(0.11) [ND(0.11)]
Ethylbenzene	500	ND(0.0054)	NA	ND(0.0053) [ND(0.0054)]
Methylene Chloride	200	ND(0.0054)	NA	ND(0.0053) [ND(0.0054)]
Toluene	500	ND(0.0054)	NA	ND(0.0053) [ND(0.0054)]
Xylenes (total)	500	ND(0.0054)	NA	ND(0.0053) [ND(0.0054)]
Semivolatile Organics				
2-Methylnaphthalene	1000	ND(0.36)	ND(0.36) [ND(0.36)]	NA
Benzyl Alcohol	Not Listed	0.12 J	0.20 J [0.23 J]	NA
Dibenzofuran	Not Listed	ND(0.36)	ND(0.36) [ND(0.36)]	NA
Di-n-Butylphthalate	Not Listed	ND(0.36)	ND(0.36) [ND(0.36)]	NA
Fluoranthene	1000	ND(0.36)	0.081 J [0.099 J]	NA
Fluorene	2000	ND(0.36)	ND(0.36) [ND(0.36)]	NA
Naphthalene	1000	ND(0.36)	ND(0.36) [ND(0.36)]	NA
Phenanthrene	100	ND(0.36)	ND(0.36) [ND(0.36)]	NA
Pyrene	2000	ND(0.36)	0.082 J [0.098 J]	NA
Furans				
2,3,7,8-TCDF	Not Listed	0.0000011 J	0.0000014 JY [0.0000014 JY]	NA
TCDFs (total)	Not Listed	0.0000095	0.000028 [0.000026]	NA
1,2,3,7,8-PeCDF	Not Listed	0.00000067 J	0.00000070 J [0.00000078 J]	NA
2,3,4,7,8-PeCDF	Not Listed	0.0000016 J	0.0000038 J [0.0000038 J]	NA
PeCDFs (total)	Not Listed	0.000020	0.000058 Q [0.000055 Q]	NA
1,2,3,4,7,8-HxCDF	Not Listed	0.0000010 J	0.0000019 J [0.0000019 J]	NA
1,2,3,6,7,8-HxCDF	Not Listed	0.00000094 J	0.0000018 J [0.0000017 J]	NA
1,2,3,7,8,9-HxCDF	Not Listed	0.00000042 J	0.00000059 J [0.00000046 JQ]	NA
2,3,4,6,7,8-HxCDF	Not Listed	0.0000018 J	0.0000042 J [0.0000042 J]	NA
HxCDFs (total)	Not Listed	0.000024	0.000062 [0.000061 Q]	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000030 J	0.0000078 [0.0000081]	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	0.00000058 J	0.00000089 J [0.00000091 J]	NA
HpCDFs (total)	Not Listed	0.0000076	0.000018 [0.000019]	NA
OCDF	Not Listed	0.0000019 J	0.0000039 J [0.0000044 J]	NA
Dioxins				
2,3,7,8-TCDD	0.000006	ND(0.00000021)	ND(0.00000035) [ND(0.00000023) X]	NA
TCDDs (total)	Not Listed	ND(0.00000074)	ND(0.00000059) [0.00000038]	NA
1,2,3,7,8-PeCDD	Not Listed	0.00000055 J	ND(0.00000041) X [ND(0.00000046) X]	NA
PeCDDs (total)	Not Listed	0.00000055	0.0000015 [0.0000013]	NA
1,2,3,4,7,8-HxCDD	Not Listed	0.00000036 J	ND(0.00000029) X [0.00000029 J]	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.00000054) X	0.00000086 J [0.00000068 J]	NA
1,2,3,7,8,9-HxCDD	Not Listed	0.00000050 J	0.00000063 J [0.00000053 J]	NA
HxCDDs (total)	Not Listed	0.0000018	0.0000071 [0.0000068]	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000029 J	0.0000078 [0.0000066]	NA
HpCDDs (total)	Not Listed	0.0000062	0.000014 [0.000013]	NA
OCDD	Not Listed	0.000034	0.000049 [0.000060]	NA
Total TEQs (WHO TEFs)	Not Applicable	0.0000022	0.0000036 [0.0000036]	NA
Inorganics				
Antimony	40	ND(6.00)	0.810 B [1.10 B]	NA
Arsenic	30	3.40	4.80 [4.80]	NA
Barium	2500	32.0	20.0 B [30.0]	NA
Beryllium	0.8	0.250 B	0.210 B [0.280 B]	NA
Cadmium	80	0.160 B	0.280 B [0.230 B]	NA
Chromium	2500	6.60	5.60 [6.30]	NA
Cobalt	5000	6.20	5.90 [7.70]	NA
Copper	10000	16.0	15.0 [14.0]	NA
Cyanide	100	0.0220 B	0.0710 B [0.0830 B]	NA
Lead	600	8.60	12.0 [11.0]	NA
Mercury	60	0.740	0.740 [0.740]	NA
Nickel	700	10.0	9.70 [13.0]	NA
Silver	200	ND(1.00)	ND(1.00) [0.180 B]	NA
Sulfide	Not Listed	ND(5.40)	ND(5.50) [12.0]	NA
Tin	Not Listed	2.80 B	3.10 B [2.90 B]	NA
Vanadium	2000	10.0	5.80 [6.40]	NA
Zinc	2500	44.0	120 [140]	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

BUILDING 106X ROAD EXTENSION
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	MCP Method 1 S-2 Soil Standards	RAA10-N-II10 0-1 10/17/03	RAA10-N-II10 1-6 10/17/03	RAA10-N-II10 4-6 10/17/03	RAA10-N-II10 6-15 10/17/03	UB-SB-3 5-8 08/09/96
Volatile Organics						
Acetone	60	ND(0.11)	NA	ND(0.11)	NA	0.033 JB
Ethylbenzene	500	ND(0.0054)	NA	ND(0.0054)	NA	0.12
Methylene Chloride	200	ND(0.0054)	NA	ND(0.0054)	NA	0.017 JB
Toluene	500	0.0060	NA	ND(0.0054)	NA	ND(0.031)
Xylenes (total)	500	ND(0.0054)	NA	ND(0.0054)	NA	0.060
Semivolatile Organics						
2-Methylnaphthalene	1000	ND(0.36)	NA	NA	NA	57 D
Benzyl Alcohol	Not Listed	0.18 J	NA	NA	NA	ND(3.4)
Dibenzofuran	Not Listed	ND(0.36)	NA	NA	NA	3.6 J
Di-n-Butylphthalate	Not Listed	ND(0.36)	NA	NA	NA	0.35 J
Fluoranthene	1000	ND(0.36)	NA	NA	NA	ND(5.6)
Fluorene	2000	ND(0.36)	NA	NA	NA	7.1
Naphthalene	1000	ND(0.36)	NA	NA	NA	11
Phenanthrene	100	ND(0.36)	NA	NA	NA	11
Pyrene	2000	ND(0.36)	NA	NA	NA	3.8 J
Furans						
2,3,7,8-TCDF	Not Listed	0.0000018 J	ND(0.00000058) X	NA	ND(0.00000020) X	NA
TCDFs (total)	Not Listed	0.000023	0.00000091	NA	ND(0.00000021) Q	NA
1,2,3,7,8-PeCDF	Not Listed	0.00000053 J	0.00000022 J	NA	0.00000022 J	NA
2,3,4,7,8-PeCDF	Not Listed	0.0000017 J	0.00000037 J	NA	0.00000022 J	NA
PeCDFs (total)	Not Listed	0.000022	0.0000032	NA	0.00000044 Q	NA
1,2,3,4,7,8-HxCDF	Not Listed	0.0000014 J	0.00000078 J	NA	0.00000045 J	NA
1,2,3,6,7,8-HxCDF	Not Listed	0.00000084 J	0.00000030 J	NA	0.00000021 J	NA
1,2,3,7,8,9-HxCDF	Not Listed	0.00000065 J	0.00000022 J	NA	ND(0.00000022) X	NA
2,3,4,6,7,8-HxCDF	Not Listed	0.00000096 J	0.00000049 J	NA	ND(0.00000053)	NA
HxCDFs (total)	Not Listed	0.000013	0.0000057	NA	0.00000066	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	0.0000028 J	0.0000015 J	NA	0.00000035 J	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	0.00000088 J	0.00000053 J	NA	0.00000033 J	NA
HpCDFs (total)	Not Listed	0.0000057	0.0000040	NA	0.00000068	NA
OCDF	Not Listed	0.0000043 J	0.0000022 J	NA	ND(0.0000011)	NA
Dioxins						
2,3,7,8-TCDD	0.000006	ND(0.00000024) X	ND(0.00000022) X	NA	ND(0.00000021)	NA
TCDDs (total)	Not Listed	0.00000011	0.00000029	NA	ND(0.00000078) Q	NA
1,2,3,7,8-PeCDD	Not Listed	0.00000034 J	ND(0.00000050)	NA	ND(0.00000053)	NA
PeCDDs (total)	Not Listed	0.0000011	ND(0.00000086)	NA	ND(0.00000090) Q	NA
1,2,3,4,7,8-HxCDD	Not Listed	0.00000028 J	0.00000015 J	NA	ND(0.00000053)	NA
1,2,3,6,7,8-HxCDD	Not Listed	0.00000046 J	0.00000025 J	NA	ND(0.00000022) X	NA
1,2,3,7,8,9-HxCDD	Not Listed	0.00000050 J	ND(0.00000023) X	NA	0.00000034 J	NA
HxCDDs (total)	Not Listed	0.0000032	0.0000016	NA	0.00000034	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	0.0000022 J	0.0000040 J	NA	0.00000059 J	NA
HpCDDs (total)	Not Listed	0.0000040	0.0000087	NA	0.00000059	NA
OCDD	Not Listed	0.000011	0.000059	NA	0.0000030 J	NA
Total TEQs (WHO TEFs)	Not Applicable	0.0000021	0.00000088	NA	0.00000069	NA
Inorganics						
Antimony	40	0.850 B	ND(6.00)	NA	0.830 B	NA
Arsenic	30	2.70	2.60	NA	2.50	NA
Barium	2500	11.0 B	18.0 B	NA	14.0 B	NA
Beryllium	0.8	0.110 B	0.170 B	NA	0.160 B	NA
Cadmium	80	ND(0.500)	ND(0.500)	NA	0.0800 B	NA
Chromium	2500	4.40	4.50	NA	4.60	NA
Cobalt	5000	4.30 B	4.70 B	NA	6.00	NA
Copper	10000	9.80	10.0	NA	12.0	NA
Cyanide	100	0.0250 B	ND(0.110)	NA	0.0250 B	NA
Lead	600	5.00	4.70	NA	3.80	NA
Mercury	60	0.0820 B	0.110 B	NA	ND(0.110)	NA
Nickel	700	7.00	8.20	NA	9.30	NA
Silver	200	ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide	Not Listed	7.00	ND(5.60)	NA	27.0	NA
Tin	Not Listed	3.00 B	3.10 B	NA	2.60 B	NA
Vanadium	2000	4.20 B	4.70 B	NA	4.90 B	NA
Zinc	2500	23.0	31.0	NA	28.0	NA

TABLE 2
PRE-DESIGN INVESTIGATION SOIL SAMPLING DATA FOR APPENDIX IX+3 CONSTITUENTS

EXCAVATION WEST OF BUILDING OP-3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CompuChem Environmental Corporation and SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- B - Analyte was also detected in the associated method blank.
- D - Compound quantitated using a secondary dilution.
- J - Indicates an estimated value less than the practical quantitation limit (PQL).
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

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