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

Transmitted via Overnight Courier

January 7, 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 December 2004 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for December 2004 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.

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\2004\12-04 CD Monthly\Letter.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)

DECEMBER 2004

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)
DECEMBER 2004

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 (December 1, 2004).

- Received draft revised NPDES Permit from EPA (December 20, 2004).

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 November 1 through November 30, 2004, are provided in Attachment B to this report.

- A report titled *Toxicity Evaluation of Wastewaters Discharged from the General Electric Plant; Pittsfield, Massachusetts (Samples Collected in December 2004)* was prepared for GE by SGS Environmental Services, Inc. (SGS). A copy of that report is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

Submitted Notice for Termination of Closure/Post-Closure Trusts (December 8, 2004).

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

- Continue NPDES sampling and monitoring activities.

- Attend public meeting (scheduled for January 5, 2005) and 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

f. Proposed/Approved Work Plan Modifications

None

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
DECEMBER 2004

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).
- Conducted pre-bid meeting with potential demolition contractors in anticipation of initiating demolition of Buildings 42, 43/43A, and 44 in spring 2005.
- Demolished Building 36V.
- Conducted ambient air monitoring for particulates.
- Conducted sampling of oil from equipment from this area (while oil was stored in drums at Building 78), as identified in Table 1-1.

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 pre-demolition activities (including asbestos abatement) at Buildings 42, 43/43-A, and 44.
- Submit final Grants of Environmental Restrictions and Easements (EREs) for 20s and 30s Complexes following receipt of final EPA and MDEP comments on latest draft EREs.*
- Submit Final Completion Reports for 20s and 30s Complexes after EREs are approved by EPA, accepted by MDEP, and recorded, and after final pre-certification inspection is held.*

ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
DECEMBER 2004

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.

- Transfer Building 36V demolition debris to Building 71 On-Plant Consolidation Area (OPCA).

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

None

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Building 78 Oil Drum Sampling	78-F1024-OIL-1	12/6/04	Oil	SGS	PCB	12/16/04
Building 78 Oil Drum Sampling	78-F1024-OIL-2	12/6/04	Oil	SGS	PCB	12/16/04
Ambient Air Particulate Matter Sampling	South of Building 36V	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of Building 36V	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	South of Building 36V	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of Building 36V	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05

TABLE 1-2
PCB DATA RECEIVED DURING DECEMBER 2004

BUILDING 78 OIL DRUM SAMPLING
20s, 30s, 40s COMPLEX
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
78-F1024-OIL-1	12/6/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
78-F1024-OIL-2	12/6/2004	ND(1.0)	0.56 J	ND(1.0)	0.56 J

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.

Data Qualifiers:

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

TABLE 1-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING DECEMBER 2004

BUILDING 36V DEMOLITION ACTIVITIES
20s, 30s, 40s COMPLEX
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
12/29/04	South of Building 36V	0.027	0.041*	11:15	Calm
	North of Building 36V	0.021		11:15	
12/30/04	South of Building 36V	0.018	0.015*	11:15	Calm
	North of Building 36V	0.011		11:15	
Notification Level		0.120			

Notes:

* 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.

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
DECEMBER 2004

a. Activities Undertaken/Completed

- Continued demolition activities at the 60s Complex.
- Continued ambient air monitoring for particulates 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 revised draft ERE for City Recreational Area (CRA) and associated survey plans to EPA and MDEP for review (December 10, 2004).*

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

- Continue to conduct routine process sampling at Buildings 64G and/or 64T.
- Complete demolition activities at the 60s Complex.
- Initiate additional sampling activities proposed in Interim Letter Report (submitted October 22, 2004) following EPA approval.

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 DECEMBER 2004

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
64G LPCA Monitoring	L4-64G-01	12/6/04	Water	SGS	PCB	12/15/04
64G LPCA Monitoring	L4-64G-02	12/6/04	Water	SGS	PCB	12/15/04
64G LPCA Monitoring	L4-64G-03	12/6/04	Water	SGS	PCB	12/15/04
64G LPCA Monitoring	L4-64G-04	12/6/04	Water	SGS	PCB	12/15/04
Building 64G Sand Filter Sampling	64G-SF-SAND-C1	12/8/04	Soil	SGS	PCB, VOC, SVOC, TCLP	
Building 64T Sludge Sampling	L4-64T-01	12/4/04	Sludge	SGS	PCB	12/17/04
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/8/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/8/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/8/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/8/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/8/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/9/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/9/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/9/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/9/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/9/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/27/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/27/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/27/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/27/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/27/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/28/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/28/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/28/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/28/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/28/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northeast of 60s Complex	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Northwest of 60s Complex	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of 60s Complex	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of 60s Complex	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Inside GE Gate 31	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05

TABLE 2-2
DATA RECEIVED DURING DECEMBER 2004

64G LPCA MONITORING
EAST STREET AREA 2 - SOUTH
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
L4-64G-01	12/6/2004	ND(0.000065)	0.00011	0.000043 J	0.000153
L4-64G-02	12/6/2004	ND(0.000065)	0.000027 J	ND(0.000065)	0.000027 J
L4-64G-03	12/6/2004	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
L4-64G-04	12/6/2004	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)

Notes:
1. Samples were 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.

Data Qualifiers:

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

TABLE 2-3
PCB DATA RECEIVED DURING DECEMBER 2004

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
L4-64T-01	12/4/2004	ND(1.6)	6.8	3.0	9.8

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 2-4
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING DECEMBER 2004

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
12/01/04[1]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/02/04	Northeast of 60s Complex	0.036	0.015*	11:00	W, WNW, NW
	Northwest of 60s Complex	0.012		11:00	
	Southwest of 60s Complex	0.013*		10:45	
	Southeast of 60s Complex	0.007*		11:00	
12/03/04[2]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/06/04	Northeast of 60s Complex	0.038	0.017*	5:45[3]	Calm
	Northwest of 60s Complex	0.018		5:45[3]	
	Southwest of 60s Complex	0.011*		5:30[3]	
	Southeast of 60s Complex	0.005*		5:45[3]	
12/07/04[1]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/08/04	Northeast of 60s Complex	0.023	0.007*	7:45[3]	WNW
	Northwest of 60s Complex	0.006		7:45[3]	
	Southwest of 60s Complex	0.007*		7:30[3]	
	Southeast of 60s Complex	0.015*		7:30[3]	
12/09/04	Northeast of 60s Complex	0.008	0.010*	10:45	Calm
	Northwest of 60s Complex	0.028		10:45	
	Southwest of 60s Complex	0.010*		10:45	
	Southeast of 60s Complex	0.014*		10:45	
12/10/04[2]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/13/04	Northeast of 60s Complex	0.021	0.024*	9:15[3]	Calm
	Northwest of 60s Complex	0.020		9:15[3]	
	Southwest of 60s Complex	0.016*		9:00[3]	
	Southeast of 60s Complex	0.012*		9:00[3]	
12/14/04	Northeast of 60s Complex	0.007	0.013*	11:15	NW, WNW
	Northwest of 60s Complex	0.007		11:15	
	Southwest of 60s Complex	0.025*		11:15	
	Southeast of 60s Complex	0.017*		11:15	
12/15/04	Northeast of 60s Complex	0.016	0.022*	9:00[3]	NW, WNW
	Northwest of 60s Complex	0.021		9:00[3]	
	Southwest of 60s Complex	0.016*		9:00[3]	
	Southeast of 60s Complex	0.014*		9:00[3]	
12/16/04	Northeast of 60s Complex	0.067	0.027*	10:45	Calm
	Northwest of 60s Complex	0.036		10:45	
	Southwest of 60s Complex	0.034*		10:45	
	Southeast of 60s Complex	0.019*		10:45	

TABLE 2-4
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING DECEMBER 2004

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
12/17/04[2]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/20/04	Northeast of 60s Complex	0.000	0.024*	7:00[3]	NW, WNW
	Northwest of 60s Complex	0.012		7:00[3]	
	Southwest of 60s Complex	0.012*		7:00[3]	
	Southeast of 60s Complex	0.008*		7:00[3]	
12/21/04	Northeast of 60s Complex	0.004	0.010*	11:00	Calm
	Northwest of 60s Complex	0.008		11:00	
	Southwest of 60s Complex	0.009*		10:45	
	Southeast of 60s Complex	0.020*		10:45	
12/22/04	Northeast of 60s Complex	0.068	0.063*	10:45	Calm
	Northwest of 60s Complex	0.055		10:45	
	Southwest of 60s Complex	0.047*		10:45	
	Southeast of 60s Complex	0.053*		10:45	
12/23/04[1]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/24/04[2]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
12/27/04	Northeast of 60s Complex	0.007	0.015*	4:15[3]	NW, WNW
	Northwest of 60s Complex	0.028		4:15[3]	
	Southwest of 60s Complex	0.010*		4:15[3]	
	Southeast of 60s Complex	0.013*		4:15[3]	
12/28/04	Northeast of 60s Complex	0.008	0.009*	8:45[3]	Calm
	Northwest of 60s Complex	0.009		8:45[3]	
	Southwest of 60s Complex	0.022*		8:45[3]	
	Southeast of 60s Complex	0.014*		8:45[3]	
12/29/04	Northeast of 60s Complex	0.040	0.041*	11:15	Calm
	Northwest of 60s Complex	0.025		11:15	
	Southwest of 60s Complex	0.035*		11:15	
	Southeast of 60s Complex	0.036*		11:15	
12/30/04	Northeast of 60s Complex	0.026	0.015*	11:15	Calm
	Northwest of 60s Complex	0.014		11:15	
	Southwest of 60s Complex	0.018*		11:00	
	Southeast of 60s Complex	0.016*		11:15	
12/31/04[2]	Northeast of 60s Complex	NA	NA	NA	NA
	Northwest of 60s Complex				
	Southwest of 60s Complex				
	Southeast of 60s Complex				
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 was not performed due to precipitation/threat of precipitation.
[2] Sampling was not performed due to lack of site activity.
[3] Sampling period was shortened due to precipitation/threat of precipitation.

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
DECEMBER 2004

a. Activities Undertaken/Completed

- Completed supplemental utility characterization sampling as part of pre-design soil investigations.

- Conducted miscellaneous sampling of oil from equipment from this area (while oil was stored in drums at Building 78), as identified in Table 3-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Begin preparation of data needs assessment letter.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Building 78 Oil Drum Sampling	78-B1303-OIL-1	12/8/04	NA	Oil	SGS	PCB	12/16/04
Building 78 Oil Drum Sampling	78-C0618-OIL-1	12/8/04	NA	Oil	SGS	PCB, Metals Total	12/29/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-21 (RAA5-I10)	12/8/04	1-6	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-22 (RAA5-K11)	12/10/04	1-6	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-F32.5	12/9/04	0-1	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-F32.5	12/9/04	1-6	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-H25	12/9/04	0-1	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-H25	12/9/04	1-6	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-H35	12/9/04	0-1	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-H35	12/9/04	1-6	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-H35	12/9/04	6-15	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-HI23	12/8/04	0-1	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-HI23	12/8/04	1-6	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-I10	12/8/04	0-1	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-I10	12/8/04	1-6	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-J19	12/8/04	0-1	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-J19	12/8/04	1-6	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-J22	12/8/04	0-1	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-J22	12/8/04	1-6	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-JK20	12/8/04	0-1	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-JK20	12/8/04	1-6	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-K11	12/10/04	0-1	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-K11	12/10/04	1-6	Soil	SGS	PCB	12/17/04
Pre-Design Soil Investigation Sampling	RAA5-K18	12/8/04	0-1	Soil	SGS	PCB	12/21/04
Pre-Design Soil Investigation Sampling	RAA5-K18	12/8/04	1-6	Soil	SGS	PCB	12/21/04

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

TABLE 3-2
PCB DATA RECEIVED DURING DECEMBER 2004

PRE-DESIGN SOIL INVESTIGATION SAMPLING
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, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA5-F32.5	0-1	12/9/2004	ND(0.76)	4.7	5.5	10.2
	1-6	12/9/2004	ND(0.77)	5.9	5.5	11.4
RAA5-H25	0-1	12/9/2004	ND(0.037)	0.90	1.1	2.0
	1-6	12/9/2004	ND(0.038)	ND(0.038)	0.014 J	0.014 J
RAA5-H35	0-1	12/9/2004	ND(0.038)	0.22	0.22	0.44
	1-6	12/9/2004	ND(0.19)	2.2	1.2	3.4
	6-15	12/9/2004	ND(0.041)	0.10	0.072	0.172
RAA5-HI23	0-1	12/8/2004	ND(0.039)	0.032 J	0.035 J	0.067 J
	1-6	12/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-I10	0-1	12/8/2004	ND(1.9)	ND(1.9)	43	43
	1-6	12/8/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	1.4 [ND(0.037)]	1.4 [0.13]
RAA5-J19	0-1	12/8/2004	ND(1.9)	16	25	41
	1-6	12/8/2004	ND(0.74)	4.9	6.7	11.6
RAA5-J22	0-1	12/8/2004	ND(0.037)	0.16	0.31	0.47
	1-6	12/8/2004	ND(0.038)	0.068	0.067	0.135
RAA5-JK20	0-1	12/8/2004	ND(0.038)	0.25	0.45	0.70
	1-6	12/8/2004	ND(0.37)	3.9	6.8	10.7
RAA5-K11	0-1	12/10/2004	ND(0.037)	ND(0.037)	0.99	0.99
	1-6	12/10/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	0.40 [0.18]	0.40 [0.18]
RAA5-K18	0-1	12/8/2004	ND(0.036)	0.15	0.53	0.68
	1-6	12/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

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 3-3
DATA RECEIVED DURING DECEMBER 2004

BUILDING 78 OIL DRUM SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	78-B1303-OIL-1 12/08/04	78-C0618-OIL-1 12/08/04
PCBs		
Aroclor-1254	5.8	63
Aroclor-1260	6.3	ND(14)
Total PCBs	12.1	63
Inorganics		
Arsenic	NA	0.420 B
Barium	NA	0.730
Cadmium	NA	0.220
Chromium	NA	0.840
Lead	NA	2.50
Selenium	NA	0.730 B
Silver	NA	0.570 B

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and metals.
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:

Inorganics

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

ITEM 4
PLANT AREA
EAST STREET AREA 1-NORTH
(GECD130)
DECEMBER 2004

*** 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

Submitted revised draft ERE for GE-owned properties and associated survey plans to EPA and MDEP for review (December 10, 2004).

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

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)
DECEMBER 2004

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

a. Activities Undertaken/Completed

- Transferred soil and sediment from 1½ Mile Reach of the Housatonic River and demolition debris from demolition activities conducted at 60s Complex to the On-Plant Consolidation Areas (OPCAs).

- Conducted ambient air monitoring for PCBs and particulates at the OPCAs.

- Continued transfer of leachate from Building 71 OPCA to Building 64G for treatment. The total amount transferred in December 2004 was 146,000 gallons (see Table 5-4).

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 DECEMBER 2004

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	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/2/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/6/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/13/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/14/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/15/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/16/04	Air	Berkshire Environmental	Particulate Matter	1/4/05

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/20/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/21/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/22/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/29/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	North of OPCAs	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Southwest of OPCAs	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	West of OPCAs	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
Ambient Air Particulate Matter Sampling	Background Location	12/30/04	Air	Berkshire Environmental	Particulate Matter	1/4/05
PCB Ambient Air Sampling	Southwest of OPCAs	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04
PCB Ambient Air Sampling	Southwest of OPCAs co-located	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04
PCB Ambient Air Sampling	West of OPCAs	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04
PCB Ambient Air Sampling	North of OPCAs	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04
PCB Ambient Air Sampling	Southeast of OPCAs	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04
PCB Ambient Air Sampling	Background Inside GE Gate 31	12/14 -12/15/04	Air	Berkshire Environmental	PCB	12/23/04

TABLE 5-2
AMBIENT AIR PCB DATA RECEIVED DURING DECEMBER 2004

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

Date	Southwest of OPCAs (µg/m^3)	Southwest of OPCAs co-located (µg/m^3)	West of OPCAs (µg/m^3)	North of OPCAs (µg/m^3)	Southeast of OPCAs (µg/m^3)	Pittsfield Generating (PGE) (µg/m^3)	Background Inside GE Gate 31 (µg/m^3)
12/14 - 12/15/04	ND[1]	ND[1]	ND	ND	0.0009	ND	ND
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Notes:
ND - Non Detect (<0.0003)

[1] Data are reported for informational purposes only. The sampling period did not meet the QA/QC criteria of 24 hours +- 30 minutes due to a power supply interruption.

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING DECEMBER 2004

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
12/01/04[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/02/04	North of OPCAs	0.015	0.015*	10:45	W, WNW, NW
	Pittsfield Generating Co.	0.013*		10:45	
	Southeast of OPCAs	0.014		10:45	
	Southwest of OPCAs	0.006*		10:45	
	West of OPCAs	0.019		10:45	
12/03/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/06/04	North of OPCAs	0.012	0.017*	5:45[3]	Calm
	Pittsfield Generating Co.	0.009*		5:45[3]	
	Southeast of OPCAs	0.010		5:45[3]	
	Southwest of OPCAs	0.005*		5:30[3]	
	West of OPCAs	0.060		5:45[3]	
12/07/04[1]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/08/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/09/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/10/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/13/04	North of OPCAs	0.035	0.024*	9:00[3]	Calm
	Pittsfield Generating Co.	0.020*		9:15[3]	
	Southeast of OPCAs	0.017		9:00[3]	
	Southwest of OPCAs	0.015		8:30[3]	
	West of OPCAs	0.033		9:00[3]	

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING DECEMBER 2004

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
12/14/04	North of OPCAs	0.008	0.013*	11:30	NW, WNW
	Pittsfield Generating Co.	0.006*		11:30	
	Southeast of OPCAs	0.021		11:30	
	Southwest of OPCAs	0.004		11:45	
	West of OPCAs	0.013		11:45	
12/15/04	North of OPCAs	0.017	0.022*	9:15[3]	NW, WNW
	Pittsfield Generating Co.	0.011*		9:15[3]	
	Southeast of OPCAs	0.031		9:15[3]	
	Southwest of OPCAs	0.008		9:00[3]	
	West of OPCAs	0.024		9:15[3]	
12/16/04	North of OPCAs	0.040	0.027*	10:45	Calm
	Pittsfield Generating Co.	0.024*		10:45	
	Southeast of OPCAs	0.048		10:45	
	Southwest of OPCAs	0.019		10:30	
	West of OPCAs	0.058		10:45	
12/17/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/20/04	North of OPCAs	0.016	0.024*	7:00[3]	NW, WNW
	Pittsfield Generating Co.	0.017*		6:45[3]	
	Southeast of OPCAs	0.001[4]		NA[5]	
	Southwest of OPCAs	0.007		7:00[3]	
	West of OPCAs	0.012		7:00[3]	
12/21/04	North of OPCAs	0.018	0.010*	10:45	Calm
	Pittsfield Generating Co.	0.009*		10:45	
	Southeast of OPCAs	0.019		10:15	
	Southwest of OPCAs	0.009		10:45	
	West of OPCAs	0.014		10:45	
12/22/04	North of OPCAs	0.072	0.063*	10:45	Calm
	Pittsfield Generating Co.	0.038*		10:45	
	Southeast of OPCAs	0.077		10:45	
	Southwest of OPCAs	0.038		10:45	
	West of OPCAs	0.068		10:45	
12/23/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/24/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				
12/27/04[2]	North of OPCAs	NA	NA	NA	NA
	Pittsfield Generating Co.				
	Southeast of OPCAs				
	Southwest of OPCAs				
	West of OPCAs				

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING DECEMBER 2004

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
12/28/04[2]	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	NA	NA	NA	NA
12/29/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.050 0.026* 0.051 0.015* 0.038	0.041*	11:00 11:45 11:15 11:15 11:15	Calm
12/30/04	North of OPCAs Pittsfield Generating Co. Southeast of OPCAs Southwest of OPCAs West of OPCAs	0.033 0.012* 0.033 0.009* 0.026	0.015*	11:15 11:15 11:15 11:15 11:15	Calm
12/31/04[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 was not performed due to precipitation/threat of precipitation.

[2] Sampling was not performed due to lack of site activity.

[3] Sampling period was shortened due to precipitation/threat of precipitation.

[4] Reading reflects average concentration manually recorded at the end of the day. Unable to download data due to equipment failure.

[5] Sampling data are not available due to equipment failure.

TABLE 5-4
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
December 2004

Month / Year	Total Volume of Leachate Transferred (Gallons)
December 2003	102,500
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

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)
DECEMBER 2004

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

a. Activities Undertaken/Completed

Continued pre-design investigation activities that consisted of surveying and laying out the sampling grid.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Continue pre-design investigation activities.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
DECEMBER 2004

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)*

- Initiated preparation of letter report on additional sampling from the northern inundated wetland area.*

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

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 pre-design investigation sampling.*

- Submit letter report on additional sampling from the northern inundated wetland area (due on or before January 14, 2005 – see Item 7.f below).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received from EPA a 7-day extension for submitting the letter report on additional sampling from the northern inundated wetland area, originally due by January 7, 2005 (December 22, 2004).*

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Decon Water Sampling	78-B0670-Water-1	12/6/04	NA	Water	SGS	PCB	12/17/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-ST21.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-ST22	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-ST22.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-ST23	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-T21.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-T22	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-T22.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-T23	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-TU21.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-TU22	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-TU22.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-TU23	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-U21.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-U22.5	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-U23	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-UV21.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-UV22	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-UV22.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-UV23	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-V21.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-V22	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-V22.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-VW21.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-VW22	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-VW22.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-VW23	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-W21.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-W22.5	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-N-W23	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-UBN-DUP-6 (RAA10-N-TU21.5)	11/22/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Investigation Supplemental Wetland Sampling	RAA10-UBN-DUP-7 (RAA10-N-VW22.5)	11/23/04	0-1	Sediment	SGS	PCB	12/1/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-111 (RAA10-E-JJ26)	12/29/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH18	12/15/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-HH20	12/15/04	4-6	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	0-1	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH22	12/15/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	3-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	6-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	10-12	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-HH24	12/28/04	4-6	Soil	SGS	VOC	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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	0-1	Soil	SGS	VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-HH26	12/28/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb.	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	6-15	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb.	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ22	12/29/04	10-12	Soil	SGS	VOC	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	1-3	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	3-6	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ24	12/29/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb.	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	6-15	Soil	SGS	PCB	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	3-6	Soil	SGS	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	1-3	Soil	SGS	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb.	
Pre-Design Soil Investigation Sampling	RAA10-E-JJ26	12/29/04	4-6	Soil	SGS	VOC	

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

TABLE 7-2
PCB DATA RECEIVED DURING DECEMBER 2004

PRE-DESIGN INVESTIGATION SUPPLEMENTAL WETLAND 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	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-N-ST21.5	0-1	11/22/2004	ND(0.12)	2.6	3.8	2.4	8.8
RAA10-N-ST22	0-1	11/22/2004	ND(0.11)	0.31	1.2	0.85	2.36
RAA10-N-ST22.5	0-1	11/22/2004	ND(0.12)	0.26	0.78	0.50	1.54
RAA10-N-ST23	0-1	11/22/2004	ND(0.13)	0.094 J	0.53	0.37	0.994
RAA10-N-T21.5	0-1	11/22/2004	ND(0.14)	2.6	2.8	2.0	7.4
RAA10-N-T22	0-1	11/22/2004	ND(0.13)	1.3	2.6	1.5	5.4
RAA10-N-T22.5	0-1	11/22/2004	ND(0.093)	0.13	0.44	0.31	0.88
RAA10-N-T23	0-1	11/22/2004	ND(0.094)	ND(0.094)	0.38	0.18	0.56
RAA10-N-TU21.5	0-1	11/22/2004	ND(0.13) [ND(0.11)]	0.64 [0.25]	1.2 [0.37]	0.72 [0.23]	2.56 [0.85]
RAA10-N-TU22	0-1	11/22/2004	ND(0.12)	1.4	2.9	1.4	5.7
RAA10-N-TU22.5	0-1	11/22/2004	ND(0.11)	0.17	0.90	0.64	1.71
RAA10-N-TU23	0-1	11/22/2004	ND(0.091)	ND(0.091)	0.32	0.18	0.50
RAA10-N-U21.5	0-1	11/22/2004	ND(0.16)	1.5	1.5	0.80	3.8
RAA10-N-U22.5	0-1	11/22/2004	ND(0.13)	0.98	1.2	0.59	2.77
RAA10-N-U23	0-1	11/22/2004	ND(0.13)	0.32	1.3	0.91	2.53
RAA10-N-UV21.5	0-1	11/23/2004	ND(0.12)	3.3	1.5	1.2	6.0
RAA10-N-UV22	0-1	11/23/2004	ND(0.67)	4.0	3.9	2.8	10.7
RAA10-N-UV22.5	0-1	11/23/2004	ND(0.16)	2.4	4.7	2.9	10
RAA10-N-UV23	0-1	11/23/2004	ND(0.11)	ND(0.11)	0.63	0.43	1.06
RAA10-N-V21.5	0-1	11/23/2004	ND(0.12)	3.9	2.9	2.1	8.9
RAA10-N-V22	0-1	11/23/2004	ND(0.11)	2.1	1.9	1.7	5.7
RAA10-N-V22.5	0-1	11/23/2004	ND(0.11)	0.85	1.2	0.77	2.82
RAA10-N-VW21.5	0-1	11/23/2004	ND(0.53)	6.1	4.6	3.0	13.7
RAA10-N-VW22	0-1	11/23/2004	ND(0.15)	3.8	4.0	2.1	9.9
RAA10-N-VW22.5	0-1	11/23/2004	ND(0.62) [ND(0.13)]	4.1 [2.2]	7.6 [3.5]	4.6 [2.4]	16.3 [8.1]
RAA10-N-VW23	0-1	11/23/2004	ND(0.14)	0.91	3.8	1.9	6.61
RAA10-N-W21.5	0-1	11/23/2004	ND(0.14)	3.2	2.8	2.8	8.8
RAA10-N-W22.5	0-1	11/23/2004	ND(0.10)	2.5	1.4	0.65	4.55
RAA10-N-W23	0-1	11/23/2004	ND(0.11)	1.2	4.2	2.4	7.8

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
DATA RECEIVED DURING DECEMBER 2004

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
78-B0670-WATER-1	12/6/2004	ND(0.0010)	0.0078	ND(0.0010)	0.0078

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)
DECEMBER 2004

*** 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.
- Conducted miscellaneous sampling, as identified in Table 8-1.

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 notice to EPA and MDEP as to status of requests for EREs at non-GE-owned properties.
- Submit Conceptual RD/RA Work Plan to EPA (due on or before January 14, 2005).

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 DECEMBER 2004

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	

ITEM 9
LYMAN STREET AREA
(GECD430)
DECEMBER 2004

*** 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)

If additional sampling is required based on EPA's review of GE's Conceptual RD/RA Work Plan, submit proposal for such sampling.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE and EPA are currently discussing issues relating to GE's Conceptual RD/RA Work Plan submitted on March 23, 2004.

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
DECEMBER 2004

*** 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

- Submitted letter regarding GE's continued inability to obtain access to Parcel J9-23-13 to conduct remediation (December 16, 2004).

- Submitted revised draft EREs for GE-owned properties to EPA and MDEP for review (December 10, 2004).

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

Upon receipt of EPA approval and MDEP acceptance of ERE for Parcel J9-23-24, record that ERE.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Based on an October 19, 2004 meeting with the property owner of Parcels J9-23-19, -20, and -21, it was decided that remediation at that property would be deferred until the 2005 construction season.

- To date, the owner of Parcel J9-23-13 has not granted access for remediation.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
DECEMBER 2004

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

a. Activities Undertaken/Completed

Initiated development of Final RD/RA Work Plan.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted draft EREs for GE-owned properties to EPA and MDEP for review (December 10, 2004).

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

Continue development of 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)
DECEMBER 2004

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

a. Activities Undertaken/Completed

Initiated preparation of Conceptual 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)

Continue preparation of Conceptual RD/RA Work Plan (due within 2 months of EPA approval of additional supplemental soil sampling letter report submitted on November 24, 2004).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
DECEMBER 2004

*** 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)

- Conduct seepage meter monitoring when water levels allow.
- Submit Annual Monitoring Report for 2004 (anticipate end of January 2005).

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

ITEM 14
HOUSATONIC RIVER AREA
1½-MILE REACH
(GECD820)
DECEMBER 2004

(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 December 21, 2004, BBL (on GE's behalf) performed a round of water column monitoring at nine 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 seven 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 DECEMBER 2004

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	Location-4	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-4	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-6A	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

TABLE 14-2
SAMPLE DATA RECEIVED DURING DECEMBER 2004

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	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.355	2.70	0.00080
LOCATION-6A	Pomeroy Ave. Bridge	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.380	2.90	0.00080

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)
DECEMBER 2004

a. Activities Undertaken/Completed

- On December 21, 2004, BBL (on GE's behalf) performed a round of water column monitoring at nine 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 seven locations, two are located upstream of the 1½-Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The five 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 December 21, 2004 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 revised draft Ecological Risk Assessment.*

- Received EPA's Model Calibration Report.*

b. Sampling/Test Results

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.

- 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 revised Ecological Risk Assessment.*

- Review EPA's Model Calibration Report and prepare comments on it.*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
DECEMBER 2004

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 DECEMBER 2004

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)	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	HR-D1 (Location-12)	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-1	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-12	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-12	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-13	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-13	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-2	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04
Monthly Water Column Sampling	Location-7	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	12/21/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	11/23/04	Water	NEA	PCB, TSS, POC, Chlorophyll-A	12/14/04

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING DECEMBER 2004

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 Ave. Bridge	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.350	1.70	0.00060
LOCATION-2	Newell Street Bridge	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.299	2.30	0.00060
LOCATION-7	Holmes Rd. Bridge	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.253	1.80	0.0013
LOCATION-9	New Lenox Rd. Bridge	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.297	1.80	0.0013
LOCATION-10	Headwaters of Woods Pond	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.310	1.70	0.0013
LOCATION-12	Schweitzer Bridge	11/23/2004 11/23/2004	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.256 [0.255]	1.70 [1.90]	0.0018 [0.0017]
LOCATION-13	Division St. Bridge	11/23/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.258	2.00	0.0027

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.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720)
DECEMBER 2004

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

a. Activities Undertaken/Completed

- Completed additional sampling at Phase 3 floodplain properties.

- Conducted sampling of soil excavated from this area (while temporarily stockpiled near Building 68), as identified in Table 16&17-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted *Proposal for Non-PCB Pre-Design Investigations – Phase 4 Floodplain Properties, Groups 4A – Parcel I7-1-101* (December 15 2004).

- Submitted *Work Plan Addendum – Phase 4 Floodplain Properties, Groups 4B and 4C* (December 15, 2004).

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

Following EPA conditional approval of the documents referenced in Item c. above, initiate sampling activities at the appropriate Phase 4 floodplain 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 *Work Plan Addendum – Phase 4 Floodplain Properties – Group 4A* (December 3, 2004).

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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
Building 68 Floodplain Soil Pile	Bldg68-FPSP-Soil-C1	12/3/04	NA	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-A9-1	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-1	11/18/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-2	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-2	11/18/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-2	11/18/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-3	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-3	11/18/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3A-A9-4	11/22/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-5	11/22/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-6	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-7	11/19/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-7	11/19/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-8	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-8	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-8	11/23/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-9	11/22/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-9	11/22/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-10	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-10	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-10	11/23/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-11	11/22/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-11	11/22/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-12	11/19/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-12	11/19/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-12	11/19/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-13	11/22/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-13	11/22/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-14	11/22/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-14	11/22/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-A9-15	11/29/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-15	11/29/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-16	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-16	12/2/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/27/04
Residential Properties Soil Sampling	3A-A9-16	12/2/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/27/04
Residential Properties Soil Sampling	3A-A9-17	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-17	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-18	11/29/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-18	11/29/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-19	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-19	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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
Residential Properties Soil Sampling	3A-A9-19	11/23/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-20	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-20	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-21	11/29/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-21	11/29/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-21	11/29/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-22	11/29/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-22	11/29/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-23	11/29/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-23	11/29/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/17/04
Residential Properties Soil Sampling	3A-A9-24	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-24	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-25	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-25	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-25	11/23/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-26	11/23/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-A9-26	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-DUP-13 (3A-A9-14)	11/22/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/15/04
Residential Properties Soil Sampling	3A-DUP-14 (3A-A9-10)	11/23/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/20/04
Residential Properties Soil Sampling	3A-SB-31	11/22/04	1-2	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-32	11/22/04	4-6	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-32	11/22/04	6-8	Soil	SGS	PCB	12/15/04
Residential Properties Soil Sampling	3A-SB-33	11/19/04	4-6	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-33	11/19/04	6-8	Soil	SGS	PCB	12/13/04
Residential Properties Soil Sampling	3A-SB-34	11/22/04	4-6	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-34	11/22/04	6-8	Soil	SGS	PCB	12/15/04
Residential Properties Soil Sampling	3A-SB-35	11/18/04	4-6	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-36	11/19/04	1-2	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-36	11/19/04	2-4	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-36	11/19/04	4-6	Soil	SGS	PCB	12/13/04
Residential Properties Soil Sampling	3A-SB-36	11/19/04	6-8	Soil	SGS	PCB	12/15/04
Residential Properties Soil Sampling	3A-SB-37	11/19/04	1-2	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-37	11/19/04	2-4	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-37	11/19/04	4-6	Soil	SGS	PCB	12/13/04
Residential Properties Soil Sampling	3A-SB-37	11/19/04	6-8	Soil	SGS	PCB	12/15/04
Residential Properties Soil Sampling	3A-SB-38	11/29/04	2-4	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3A-SB-38	11/29/04	4-6	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3B-A9-4	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-4	11/18/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-4	11/18/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-5	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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
Residential Properties Soil Sampling	3B-A9-5	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-6	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-6	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-7	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-7	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-8	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-8	11/18/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-8	11/18/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-9	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-9	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-10	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-10	11/18/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-10	11/18/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-11	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-11	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-12	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-12	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-13	11/17/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-13	11/17/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-13	11/17/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-14	11/17/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-14	11/17/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-14	11/17/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-A9-15	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-15	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-16	11/16/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-16	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-A9-17	12/9/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-A9-17	12/9/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-A9-18	12/9/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-A9-18	12/9/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-A9-18	12/9/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-A9-19	12/9/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-A9-19	12/9/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	
Residential Properties Soil Sampling	3B-DUP-9 (3B-A9-11)	11/16/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/9/04
Residential Properties Soil Sampling	3B-DUP-10 (3B-A9-10)	11/18/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/10/04
Residential Properties Soil Sampling	3B-SB-32	11/18/04	6-8	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3B-SB-33	11/18/04	6-8	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3B-SB-34	11/18/04	6-8	Soil	SGS	PCB	12/7/04
Residential Properties Soil Sampling	3C-A9-1	12/2/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-1	12/2/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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
Residential Properties Soil Sampling	3C-A9-1	12/2/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-2	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-2	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-3	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-3	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-4	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-4	11/30/04	1-2	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-5	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-6	12/2/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-6	12/2/04	1-2	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-7	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-7	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-8	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-9	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-9	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-10	12/2/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-10	12/2/04	1-2	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-11	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-A9-12	12/2/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-12	12/2/04	1-2	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-A9-13	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-13	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-13	11/30/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-14	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-14	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-14	11/30/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-15	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-15	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-16	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-16	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-A9-16	11/30/04	5-7	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-DUP-15 (3C-A9-14)	11/30/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/28/04
Residential Properties Soil Sampling	3C-DUP-16 (3C-SB-32)	11/30/04	2-4	Soil	SGS	PCB	12/22/04
Residential Properties Soil Sampling	3C-DUP-17 (3C-A9-7)	11/30/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/21/04
Residential Properties Soil Sampling	3C-DUP-19 (3C-A9-10)	12/2/04	1-2	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/30/04
Residential Properties Soil Sampling	3C-SB-27	12/2/04	4-6	Soil	SGS	PCB	12/14/04
Residential Properties Soil Sampling	3C-SB-27	12/2/04	6-8	Soil	SGS	PCB	Cancelled
Residential Properties Soil Sampling	3C-SB-28	12/2/04	4-6	Soil	SGS	PCB	12/14/04
Residential Properties Soil Sampling	3C-SB-28	12/2/04	6-8	Soil	SGS	PCB	Cancelled
Residential Properties Soil Sampling	3C-SB-30	12/2/04	2-4	Soil	SGS	PCB	12/27/04
Residential Properties Soil Sampling	3C-SB-30	12/2/04	4-6	Soil	SGS	PCB	Cancelled

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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
Residential Properties Soil Sampling	3C-SB-30	12/2/04	6-8	Soil	SGS	PCB	Cancelled
Residential Properties Soil Sampling	3C-SB-31	12/2/04	2-4	Soil	SGS	PCB	12/27/04
Residential Properties Soil Sampling	3C-SB-31	12/2/04	4-6	Soil	SGS	PCB	Cancelled
Residential Properties Soil Sampling	3C-SB-31	12/2/04	6-8	Soil	SGS	PCB	Cancelled
Residential Properties Soil Sampling	3C-SB-32	11/30/04	0-1	Soil	SGS	PCB	12/22/04
Residential Properties Soil Sampling	3C-SB-32	11/30/04	1-2	Soil	SGS	PCB	12/22/04
Residential Properties Soil Sampling	3C-SB-32	11/30/04	2-4	Soil	SGS	PCB	12/22/04
Residential Properties Soil Sampling	3C-SB-33	12/2/04	2-4	Soil	SGS	PCB	12/14/04
Residential Properties Soil Sampling	3C-SB-33	12/2/04	4-6	Soil	SGS	PCB	12/14/04
Residential Properties Soil Sampling	3C-SB-33	12/2/04	6-8	Soil	SGS	PCB	Cancelled
Residential Properties Soil Sampling	3D-A9-1	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-1	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-2	12/2/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/27/04
Residential Properties Soil Sampling	3D-A9-2	12/2/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/27/04
Residential Properties Soil Sampling	3D-A9-2	12/2/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/27/04
Residential Properties Soil Sampling	3D-A9-3	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-3	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-4	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-4	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-5	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-5	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-5	12/1/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-6	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-7	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-7	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-7	12/1/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-8	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-8	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-9	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-9	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-10	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-10	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-10	12/1/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-11	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-11	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-12	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-12	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-13	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-13	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-14	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-14	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

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
Residential Properties Soil Sampling	3D-A9-14	12/1/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-15	12/1/04	0-1	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-A9-15	12/1/04	1-3	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-DUP-18 (3D-A9-10)	12/1/04	3-5	Soil	SGS	SVOC, Inorganics, PCDD/PCDF	12/31/04
Residential Properties Soil Sampling	3D-SB-26	12/2/04	2-4	Soil	SGS	PCB	12/14/04
Residential Properties Soil Sampling	3D-SB-26	12/2/04	4-6	Soil	SGS	PCB	12/14/04
Residential Properties Soil Sampling	3D-SB-26	12/2/04	6-8	Soil	SGS	PCB	12/22/04
Residential Properties Soil Sampling	3D-SS-23	12/1/04	0-1	Soil	SGS	PCB	12/28/04

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

TABLE 16&17-2
PCB DATA RECEIVED DURING DECEMBER 2004

BUILDING 68 FLOODPLAIN SOIL PILE SAMPLING
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)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG68-FPSP-SOIL-C1	12/3/2004	ND(0.20)	1.3	3.4	4.7

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.

TABLE 16&17-3
PCB DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID	Depth (Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
3A-SB-31	1-2	11/22/2004	ND(0.039)	0.078	0.080	0.158
3A-SB-32	4-6	11/22/2004	ND(0.037)	ND(0.037)	0.12	0.12
	6-8	11/22/2004	ND(0.042)	0.41	0.52	0.93
3A-SB-33	4-6	11/19/2004	ND(0.81)	23	ND(0.81)	23
	6-8	11/19/2004	ND(0.046)	1.6	ND(0.046)	1.6
3A-SB-34	4-6	11/22/2004	ND(0.040)	0.023 J	0.032 J	0.055 J
	6-8	11/22/2004	ND(0.044)	0.24	0.37	0.61
3A-SB-35	4-6	11/18/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
3A-SB-36	1-2	11/19/2004	ND(0.041)	1.3	0.62	1.92
	2-4	11/19/2004	ND(0.044)	1.4	0.38	1.78
	4-6	11/19/2004	ND(0.052)	0.063	0.083	0.146
	6-8	11/19/2004	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
3A-SB-37	1-2	11/19/2004	ND(0.044)	0.13	0.089	0.219
	2-4	11/19/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
	4-6	11/19/2004	ND(0.048)	ND(0.048)	ND(0.048)	ND(0.048)
	6-8	11/19/2004	ND(0.048)	0.023 J	ND(0.048)	0.023 J
3A-SB-38	2-4	11/29/2004	ND(0.40)	ND(0.40)	6.4	6.4
	4-6	11/29/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
3B-SB-32	6-8	11/18/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
3B-SB-33	6-8	11/18/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
3B-SB-34	6-8	11/18/2004	ND(0.045)	ND(0.045)	ND(0.045)	ND(0.045)
3C-SB-27	4-6	12/2/2004	ND(0.035)	0.024 J	0.018 J	0.042 J
3C-SB-28	4-6	12/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
3C-SB-30	2-4	12/2/2004	ND(0.036)	ND(0.036)	0.020 J	0.020 J
3C-SB-31	2-4	12/2/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
3C-SB-32	0-1	11/30/2004	ND(2.3)	ND(2.3)	ND(2.3)	ND(2.3)
	1-2	11/30/2004	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
	2-4	11/30/2004	ND(0.035) [ND(0.035)]	ND(0.035) [0.016 J]	ND(0.035) [0.011 J]	ND(0.035) [0.027 J]
3C-SB-33	2-4	12/2/2004	ND(0.20)	3.7	4.4	8.1
	4-6	12/2/2004	ND(0.043)	0.015 J	0.036 J	0.051 J
3D-SB-26	2-4	12/2/2004	ND(1.8)	32	50	82
	4-6	12/2/2004	ND(2.1)	26	26	52
	6-8	12/2/2004	ND(0.47)	6.3	5.7	12
3D-SS-23	0-1	12/1/2004	ND(0.041)	0.087	0.11	0.197

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 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-1 0-1 11/18/04	3A-A9-1 1-3 11/18/04	3A-A9-2 0-1 11/18/04	3A-A9-2 1-3 11/18/04
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
1,4-Dichlorobenzene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
2,4,5-Trichlorophenol		ND(0.40)	ND(0.38)	ND(0.39)	0.32 J
2,4-Dinitrotoluene		ND(0.40)	ND(0.38)	ND(0.39)	0.90
2-Methylnaphthalene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
3&4-Methylphenol		ND(0.80)	ND(0.77)	ND(0.78)	ND(0.85)
4-Bromophenyl-phenylether		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
4-Chlorobenzilate		ND(0.80)	ND(0.77)	ND(0.78)	ND(0.85)
Acenaphthene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Acenaphthylene		0.35 J	0.27 J	0.30 J	ND(0.42)
Acetophenone		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Anthracene		0.23 J	0.19 J	0.26 J	ND(0.42)
Benzidine		ND(0.80)	ND(0.77)	ND(0.78)	ND(0.85)
Benzo(a)anthracene		0.50	0.39	0.76	ND(0.42)
Benzo(a)pyrene		0.33 J	0.24 J	0.68	ND(0.42)
Benzo(b)fluoranthene		0.41	0.34 J	0.58	ND(0.42)
Benzo(g,h,i)perylene		0.20 J	0.13 J	0.31 J	ND(0.42)
Benzo(k)fluoranthene		0.25 J	0.20 J	0.48	ND(0.42)
bis(2-Ethylhexyl)phthalate		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Butylbenzylphthalate		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Chrysene		0.45	0.29 J	0.78	ND(0.42)
Dibenzo(a,h)anthracene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Dibenzofuran		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Di-n-Butylphthalate		ND(0.40)	ND(0.38)	0.34 J	ND(0.42)
Fluoranthene		0.65	0.41	1.6	ND(0.42)
Fluorene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Indeno(1,2,3-cd)pyrene		0.17 J	ND(0.38)	0.25 J	ND(0.42)
Naphthalene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
o,o,o-Triethylphosphorothioate		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Pentachlorobenzene		ND(0.40)	ND(0.38)	ND(0.39)	ND(0.42)
Phenanthrene		0.29 J	0.18 J	0.65	ND(0.42)
Pyrene		0.79	0.43	1.5	ND(0.42)
Furans					
2,3,7,8-TCDF		0.0000083 Y	0.0000012 J	0.0000041 Y	0.0000048 Y
TCDFs (total)		0.000086 Q	0.0000070	0.000046 Q	0.000050
1,2,3,7,8-PeCDF		0.000011	0.00000098 J	0.0000025 J	0.0000024 J
2,3,4,7,8-PeCDF		0.0000071	0.00000085 J	0.0000039 J	0.0000019 J
PeCDFs (total)		0.000080	0.0000054 J	0.000048 Q	0.000023 Q
1,2,3,4,7,8-HxCDF		0.0000080	0.00000096 J	0.0000035 J	0.0000022 J
1,2,3,6,7,8-HxCDF		0.0000028 J	ND(0.00000057)	0.0000022 J	0.0000010 J
1,2,3,7,8,9-HxCDF		ND(0.0000010) Q	ND(0.00000057) Q	ND(0.00000082)	ND(0.00000062)
2,3,4,6,7,8-HxCDF		0.0000038 J	0.00000080 J	0.0000034 J	0.0000010 J
HxCDFs (total)		0.000063 Q	0.0000056 JQ	0.000063	0.000013
1,2,3,4,6,7,8-HpCDF		0.000017	0.0000026 J	0.000024	0.0000038 J
1,2,3,4,7,8,9-HpCDF		0.0000011 J	ND(0.00000057)	0.00000097 J	ND(0.00000062)
HpCDFs (total)		0.000042	0.0000036 J	0.000051	0.0000057 J
OCDF		0.000035	0.0000019 J	0.000031	0.0000035 J

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-1 0-1 11/18/04	3A-A9-1 1-3 11/18/04	3A-A9-2 0-1 11/18/04	3A-A9-2 1-3 11/18/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000023)	ND(0.00000023)	ND(0.00000033)	ND(0.00000025)
TCDDs (total)		ND(0.00000076)	ND(0.00000073)	0.0000045	0.0000020 J
1,2,3,7,8-PeCDD		ND(0.00000091) X	ND(0.00000057)	ND(0.00000087) X	ND(0.00000062)
PeCDDs (total)		0.0000047 JQ	0.00000067 J	0.0000075 Q	0.0000014 JQ
1,2,3,4,7,8-HxCDD		ND(0.00000069) X	ND(0.00000057)	0.0000016 J	ND(0.00000062)
1,2,3,6,7,8-HxCDD		0.0000017 J	ND(0.00000057)	0.0000030 J	ND(0.00000062)
1,2,3,7,8,9-HxCDD		ND(0.00000090) X	ND(0.00000057)	0.0000016 J	ND(0.00000062)
HxCDDs (total)		0.0000017 J	0.0000014 J	0.000027	ND(0.0000012)
1,2,3,4,6,7,8-HpCDD		0.000023	0.0000026 J	0.000048	0.0000037 J
HpCDDs (total)		0.000044	0.0000047 J	0.00010	0.000011
OCDD		0.00018	0.000016	0.00042	0.000025
Total TEQs (WHO TEFs)		0.0000077	0.0000014	0.0000054	0.0000026
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		6.80	6.20	6.50	8.90
Barium		59.0	79.0	61.0	84.0
Beryllium		0.220 B	0.220 B	0.180 B	0.260 B
Cadmium		0.430 B	0.160 B	0.100 B	ND(0.500)
Chromium		8.70	7.40	9.20	10.0
Cobalt		5.50	7.20	7.40	11.0
Copper		18.0	25.0	21.0	19.0
Cyanide		0.180	0.0860 B	0.260	0.280
Lead		200	160	160	62.0
Mercury		0.300	0.110 B	0.130	0.120 B
Nickel		8.80	14.0	13.0	15.0
Selenium		1.40	1.40	1.80	1.60
Silver		0.230 B	0.200 B	ND(1.00)	0.200 B
Sulfide		7.70	7.40	9.40	8.10
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	ND(1.30)
Tin		8.70 B	9.10 B	8.30 B	5.60 B
Vanadium		9.20	8.00	12.0	12.0
Zinc		120	120	110	88.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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	3A-A9-2	3A-A9-3	3A-A9-3	3A-A9-4	3A-A9-5
Sample Depth (Feet):	3-5	0-1	1-3	0-1	0-1
Date Collected:	11/18/04	11/18/04	11/18/04	11/22/04	11/22/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
1,4-Dichlorobenzene	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
2,4,5-Trichlorophenol	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
2,4-Dinitrotoluene	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
2-Methylnaphthalene	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
3&4-Methylphenol	ND(0.82)	ND(0.80)	ND(0.91)	ND(0.78)	ND(0.82)
4-Bromophenyl-phenylether	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
4-Chlorobenzilate	ND(0.82)	ND(0.80)	ND(0.91)	ND(0.78)	ND(0.82)
Acenaphthene	0.20 J	ND(0.40)	0.095 J	ND(0.39)	ND(0.41)
Acenaphthylene	0.40 J	0.28 J	0.83	ND(0.39)	0.33 J
Acetophenone	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Anthracene	1.8	0.30 J	0.46	ND(0.39)	0.23 J
Benzidine	ND(0.82)	ND(0.80)	ND(0.91)	ND(0.78)	ND(0.82)
Benzo(a)anthracene	5.2	0.44	1.3	ND(0.39)	0.79
Benzo(a)pyrene	7.2	0.23 J	1.2	ND(0.39)	0.72
Benzo(b)fluoranthene	4.5	0.33 J	0.72	ND(0.39)	0.83
Benzo(g,h,i)perylene	3.7	0.091 J	0.54	ND(0.39)	0.58
Benzo(k)fluoranthene	5.5	0.21 J	0.74	ND(0.39)	0.76
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.39)	ND(0.45)	ND(0.38)	ND(0.40)
Butylbenzylphthalate	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Chrysene	7.7	0.29 J	1.1	ND(0.39)	0.95
Dibenzo(a,h)anthracene	1.0	ND(0.40)	0.10 J	ND(0.39)	ND(0.41)
Dibenzofuran	0.16 J	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Di-n-Butylphthalate	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Fluoranthene	9.1	0.63	1.6	0.094 J	1.3
Fluorene	0.23 J	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Indeno(1,2,3-cd)pyrene	3.3	ND(0.40)	0.42 J	ND(0.39)	0.50
Naphthalene	ND(0.41)	ND(0.40)	0.12 J	ND(0.39)	ND(0.41)
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Pentachlorobenzene	ND(0.41)	ND(0.40)	ND(0.45)	ND(0.39)	ND(0.41)
Phenanthrene	6.5	0.49	0.70	ND(0.39)	0.34 J
Pyrene	9.0	0.60	1.7	0.10 J	1.6
Furans					
2,3,7,8-TCDF	0.000011 YJ	0.000011 Y	0.000051 Y	0.000026 Y	0.000013 Y
TCDFs (total)	0.00015	0.00013	0.00056 Q	0.00041 QI	0.00028 QI
1,2,3,7,8-PeCDF	0.0000085 JQ	0.000066	0.000022 Q	0.00020	0.00020
2,3,4,7,8-PeCDF	0.000010 JQ	ND(0.0000073)	0.000049 Q	ND(0.000031)	ND(0.000012)
PeCDFs (total)	0.000058 Q	0.00018	0.00064 Q	0.00081 QI	0.00054 QI
1,2,3,4,7,8-HxCDF	ND(0.0000074)	0.000040	0.000065	0.00019	0.000036
1,2,3,6,7,8-HxCDF	0.0000069 J	0.0000047 J	0.000021	0.000014	0.0000074
1,2,3,7,8,9-HxCDF	ND(0.0000086) Q	0.0000019 J	0.0000066 JQ	ND(0.000010)	ND(0.0000076)
2,3,4,6,7,8-HxCDF	ND(0.0000072)	0.0000049 J	0.000023	0.000016	0.0000085
HxCDFs (total)	0.000015 JQ	0.00013	0.00049 Q	0.00055	0.00038 Q
1,2,3,4,6,7,8-HpCDF	0.000012 J	0.000038	0.00014	0.000060	0.000038
1,2,3,4,7,8,9-HpCDF	ND(0.0000034)	0.0000053 J	0.000024	0.000046	0.000018
HpCDFs (total)	0.000012 J	0.000076	0.00030	0.00021	0.00011
OCDF	0.0000092 J	0.000034	0.00020	0.00019	0.000078

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-2 3-5 11/18/04	3A-A9-3 0-1 11/18/04	3A-A9-3 1-3 11/18/04	3A-A9-4 0-1 11/22/04	3A-A9-5 0-1 11/22/04
Dioxins						
2,3,7,8-TCDD		ND(0.0000065)	ND(0.00000042) X	ND(0.0000010) Q	0.00000048 J	0.00000041 J
TCDDs (total)		ND(0.0000065)	ND(0.00000088)	0.0000081 Q	0.0000010 JQ	ND(0.00000064)
1,2,3,7,8-PeCDD		ND(0.0000058) Q	ND(0.0000027) X	ND(0.000010) X	ND(0.0000043)	ND(0.0000025)
PeCDDs (total)		ND(0.0000058) Q	0.0000040 JQ	0.000011 Q	ND(0.0000043)	ND(0.0000025)
1,2,3,4,7,8-HxCDD		ND(0.0000072)	0.0000020 J	ND(0.000012) X	ND(0.0000019)	0.0000021 J
1,2,3,6,7,8-HxCDD		ND(0.0000064)	ND(0.0000022) X	0.0000093	0.0000032 J	ND(0.0000031) X
1,2,3,7,8,9-HxCDD		ND(0.0000069)	0.0000018 J	0.0000083	ND(0.0000018)	ND(0.0000028) X
HxCDDs (total)		ND(0.0000068)	0.000026	0.000059	0.0000090	0.000033
1,2,3,4,6,7,8-HpCDD		0.0000073 J	0.000016	0.000088	0.000041	0.000039
HpCDDs (total)		0.000012 J	0.000031	0.00016	0.000076	0.000075
OCDD		0.000023 J	0.00010	0.00070	0.00031	0.00032
Total TEQs (WHO TEFs)		0.000016	0.000014	0.000053	0.000048	0.000023
Inorganics						
Antimony		0.980 B	ND(6.00)	ND(6.00)	16.0	11.0
Arsenic		18.0	3.20	5.90	7.00	8.80
Barium		70.0	36.0	140	63.0	53.0
Beryllium		0.170 B	0.110 B	0.180 B	0.210 B	0.250 B
Cadmium		3.60	0.160 B	0.850	0.420 B	0.650
Chromium		13.0	6.20	16.0	21.0	9.00
Cobalt		10.0	3.70 B	7.30	7.20	27.0
Copper		36.0	24.0	61.0	42.0	38.0
Cyanide		0.890	0.460	1.20	0.350	0.340
Lead		280	33.0	250	320	290
Mercury		0.490	0.130	0.540	0.320	0.490
Nickel		16.0	8.00	12.0	12.0	14.0
Selenium		7.40	1.20	1.40	ND(1.00)	ND(1.00)
Silver		0.220 B	0.240 B	0.560 B	0.460 B	0.520 B
Sulfide		14.0	15.0	15.0	13.0	7.90
Thallium		0.990 B	ND(1.20)	ND(1.40)	ND(1.20)	ND(1.20)
Tin		50.0	5.70 B	28.0	100	27.0
Vanadium		12.0	10.0	13.0	9.20	9.40
Zinc		1800	63.0	740	130	94.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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	Sample Depth (Feet)	Date Collected	3A-A9-6	3A-A9-7	3A-A9-7	3A-A9-8	3A-A9-8
			0-1	0-1	1-3	0-1	1-3
			11/23/04	11/19/04	11/19/04	11/23/04	11/23/04
Semivolatile Organics							
1,2,4-Trichlorobenzene			ND(0.52)	0.11 J	ND(0.38)	ND(0.39)	ND(0.36)
1,4-Dichlorobenzene			ND(0.52)	0.092 J	ND(0.38)	ND(0.39)	ND(0.36)
2,4,5-Trichlorophenol			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
2,4-Dinitrotoluene			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
2-Methylnaphthalene			ND(0.52)	ND(0.39)	ND(0.38)	0.12 J	0.74
3&4-Methylphenol			ND(0.80)	ND(0.78)	ND(0.76)	ND(0.78)	ND(0.73)
4-Bromophenyl-phenylether			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
4-Chlorobenzilate			ND(0.80)	ND(0.78)	ND(0.76)	ND(0.78)	ND(0.73)
Acenaphthene			0.23 J	ND(0.39)	ND(0.38)	0.34 J	4.7
Acenaphthylene			1.3	1.1	0.86	2.1	2.2
Acetophenone			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
Anthracene			2.0	0.70	0.45	1.2	8.4
Benzidine			ND(1.0)	ND(0.78)	ND(0.76)	ND(0.78)	ND(0.73)
Benzo(a)anthracene			13	2.4	1.4	2.4	19
Benzo(a)pyrene			11	1.9	1.1	2.8	15
Benzo(b)fluoranthene			8.8	1.2	0.67	1.6	12
Benzo(g,h,i)perylene			6.3	0.78	0.54	1.6	5.4
Benzo(k)fluoranthene			9.7	1.3	0.75	1.8	11
bis(2-Ethylhexyl)phthalate			ND(0.40)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.36)
Butylbenzylphthalate			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
Chrysene			16	2.1	1.2	2.4	18
Dibenzo(a,h)anthracene			1.4	0.17 J	0.17 J	0.50	2.0
Dibenzofuran			0.13 J	ND(0.39)	ND(0.38)	0.23 J	2.4
Di-n-Butylphthalate			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
Fluoranthene			34	3.5	2.2	5.1	49
Fluorene			0.41 J	0.12 J	ND(0.38)	0.59	6.0
Indeno(1,2,3-cd)pyrene			6.0	0.68	0.50	1.3	5.3
Naphthalene			ND(0.52)	0.25 J	0.16 J	0.16 J	0.64
o,o,o-Triethylphosphorothioate			ND(0.52)	ND(0.39)	ND(0.38)	ND(0.39)	ND(0.36)
Pentachlorobenzene			ND(0.52)	ND(0.39)	0.49	ND(0.39)	ND(0.36)
Phenanthrene			10	1.4	0.81	2.2	31
Pyrene			24	3.7	1.6	4.3	60
Furans							
2,3,7,8-TCDF			0.000015 Y	0.000065 Y	0.00013 Y	0.0000043 Y	ND(0.0000013)
TCDFs (total)			0.00011 Q	0.0018 Q	0.0014 Q	0.000038 Q	ND(0.0000013) Q
1,2,3,7,8-PeCDF			0.0000050 J	0.000047 Q	ND(0.000053) X	ND(0.0000029) Q	ND(0.00000068) Q
2,3,4,7,8-PeCDF			0.000015 J	0.00014 Q	0.00012 Q	0.0000054 JQ	0.00000097 JQ
PeCDFs (total)			0.00020 Q	0.00099 Q	0.0011 Q	0.000040 Q	0.0000031 JQ
1,2,3,4,7,8-HxCDF			0.0000093 J	0.00036	0.00024	0.0000068	0.00000071 J
1,2,3,6,7,8-HxCDF			0.0000059 J	0.000098	ND(0.000057) X	0.0000027 J	ND(0.00000052)
1,2,3,7,8,9-HxCDF			ND(0.0000069) Q	0.000028 Q	0.000023 Q	ND(0.0000018) Q	ND(0.00000052) Q
2,3,4,6,7,8-HxCDF			0.0000095 J	0.00015	0.000058	0.0000045 J	0.00000070 J
HxCDFs (total)			0.00014 Q	0.0045 Q	0.0016 Q	0.000082 Q	0.0000080 Q
1,2,3,4,6,7,8-HpCDF			0.000034	0.0048 E	0.00053	0.000036	0.0000019 J
1,2,3,4,7,8,9-HpCDF			ND(0.0000025)	0.00014	0.000099	0.0000027 J	ND(0.00000052)
HpCDFs (total)			0.000062	0.0086	0.0012	0.000068	0.0000039 J
OCDF			0.000060	0.0024	0.00080	0.000025	0.0000040 J

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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	Sample Depth (Feet) / Date Collected	3A-A9-6	3A-A9-7	3A-A9-7	3A-A9-8	3A-A9-8
		0-1	0-1	1-3	0-1	1-3
		11/23/04	11/19/04	11/19/04	11/23/04	11/23/04
Dioxins						
2,3,7,8-TCDD		ND(0.0000044)	0.0000038 Q	0.0000021 J	ND(0.0000015) Q	ND(0.0000012) Q
TCDDs (total)		ND(0.0000044)	0.00017 Q	0.000035 Q	ND(0.0000015) Q	ND(0.0000012) Q
1,2,3,7,8-PeCDD		ND(0.0000040)	ND(0.000041) X	0.000020 Q	ND(0.00000080) Q	ND(0.00000083) Q
PeCDDs (total)		0.000014 JQ	0.00024 Q	0.00010 Q	0.0000057 JQ	ND(0.00000083) Q
1,2,3,4,7,8-HxCDD		ND(0.0000041)	0.000029	ND(0.000018) X	ND(0.0000013)	ND(0.0000011)
1,2,3,6,7,8-HxCDD		0.0000053 J	0.000058	0.000023	0.0000013 J	ND(0.00000096)
1,2,3,7,8,9-HxCDD		0.0000076 J	0.000038	0.000022	ND(0.0000013)	ND(0.0000010)
HxCDDs (total)		0.000040	0.00073	0.00023	0.000016 Q	ND(0.0000010)
1,2,3,4,6,7,8-HpCDD		0.000067	0.00043	0.00023	0.000014	0.0000032 J
HpCDDs (total)		0.00014	0.00082	0.00047	0.000027	0.0000032 J
OCDD		0.00073	0.0026	0.0017	0.000092	0.000028
Total TEQs (WHO TEFs)		0.000019	0.00023	0.00015	0.0000066	0.0000020
Inorganics						
Antimony		2.40 B	ND(6.00)	ND(6.00)	1.60 B	1.30 B
Arsenic		10.0	3.20	1.90	6.40	8.00
Barium		80.0	31.0	21.0	31.0	21.0
Beryllium		0.330 B	0.210 B	0.150 B	0.260 B	0.230 B
Cadmium		1.00	0.460 B	0.170 B	0.190 B	0.0960 B
Chromium		9.50	16.0	11.0	6.10	5.70
Cobalt		8.40	6.40	5.30	5.70	7.00
Copper		36.0	40.0	27.0	17.0	21.0
Cyanide		0.310	0.400	0.210	0.120	0.0530 B
Lead		320	69.0	54.0	40.0	38.0
Mercury		0.190	0.180	0.0850 B	0.150	0.0260 B
Nickel		14.0	10.0	9.80	10.0	11.0
Selenium		ND(1.00)	1.10	ND(1.00)	ND(1.00)	ND(1.00)
Silver		0.240 B	ND(1.00)	0.250 B	ND(1.00)	ND(1.00)
Sulfide		9.60	ND(5.80)	9.10	7.40	5.20 B
Thallium		ND(1.20)	ND(1.20)	ND(1.10)	ND(1.20)	ND(1.10)
Tin		9.70 B	8.40 B	7.10 B	4.90 B	6.50 B
Vanadium		12.0	7.00	7.40	8.40	6.80
Zinc		180	99.0	72.0	48.0	41.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3A-A9-8 3-5 11/23/04	3A-A9-9 0-1 11/22/04	3A-A9-9 1-3 11/22/04	3A-A9-10 0-1 11/23/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
1,4-Dichlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
2,4-Dinitrotoluene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
2-Methylnaphthalene	ND(0.37)	0.079 J	ND(0.40)	2.7
3&4-Methylphenol	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.86)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
4-Chlorobenzilate	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.86)
Acenaphthene	ND(0.37)	0.72	ND(0.40)	7.6
Acenaphthylene	0.37 J	0.36 J	ND(0.40)	2.6
Acetophenone	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
Anthracene	0.24 J	2.2	ND(0.40)	7.6
Benzidine	ND(0.75)	ND(0.76)	ND(0.80)	ND(0.86)
Benzo(a)anthracene	0.43	8.4	ND(0.40)	13
Benzo(a)pyrene	0.41	5.7	ND(0.40)	9.5
Benzo(b)fluoranthene	0.37 J	4.1	ND(0.40)	5.4
Benzo(g,h,i)perylene	0.40	2.5	ND(0.40)	5.2
Benzo(k)fluoranthene	0.25 J	5.0	ND(0.40)	7.6
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.38)	ND(0.39)	ND(0.42)
Butylbenzylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
Chrysene	0.32 J	8.2	ND(0.40)	11
Dibenzo(a,h)anthracene	ND(0.37)	0.72	ND(0.40)	1.5
Dibenzofuran	ND(0.37)	0.50	ND(0.40)	3.6
Di-n-Butylphthalate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
Fluoranthene	0.32 J	20	ND(0.40)	35
Fluorene	ND(0.37)	0.88	ND(0.40)	7.5
Indeno(1,2,3-cd)pyrene	0.25 J	2.4	ND(0.40)	4.5
Naphthalene	ND(0.37)	0.35 J	ND(0.40)	2.7
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
Pentachlorobenzene	ND(0.37)	ND(0.38)	ND(0.40)	ND(0.43)
Phenanthrene	0.13 J	13	ND(0.40)	26
Pyrene	0.53	20	ND(0.40)	37
Furans				
2,3,7,8-TCDF	0.0000011 JQ	0.0000052 Y	ND(0.00000025)	0.000030 Y
TCDFs (total)	0.0000057 Q	0.000024 Q	ND(0.00000025)	0.00052 Q
1,2,3,7,8-PeCDF	0.00000042 JQ	0.0000019 JQ	ND(0.00000053)	0.00030
2,3,4,7,8-PeCDF	0.00000093 JQ	0.0000038 JQ	ND(0.00000053)	0.000029
PeCDFs (total)	0.0000052 Q	0.000018 Q	ND(0.00000053)	0.00083 Q
1,2,3,4,7,8-HxCDF	0.00000054 J	0.0000020 J	ND(0.00000053)	0.00015
1,2,3,6,7,8-HxCDF	ND(0.00000043)	0.0000013 J	ND(0.00000053)	0.000012
1,2,3,7,8,9-HxCDF	ND(0.00000058) Q	ND(0.00000060)	ND(0.00000053)	ND(0.0000076) Q
2,3,4,6,7,8-HxCDF	0.00000077 J	0.0000020 J	ND(0.00000053)	0.000023
HxCDFs (total)	0.0000074 Q	0.000029	ND(0.00000053)	0.00060 Q
1,2,3,4,6,7,8-HpCDF	0.0000018 J	0.0000054	ND(0.00000053)	0.00020
1,2,3,4,7,8,9-HpCDF	ND(0.00000042)	0.00000053 J	ND(0.00000053)	0.000014
HpCDFs (total)	0.0000038 J	0.000010	ND(0.00000053)	0.00037
OCDF	0.0000040 J	0.0000057 J	ND(0.0000011)	0.00015

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-8 3-5 11/23/04	3A-A9-9 0-1 11/22/04	3A-A9-9 1-3 11/22/04	3A-A9-10 0-1 11/23/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000074) Q	0.00000080 J	ND(0.00000021)	ND(0.00000087) X
TCDDs (total)		ND(0.00000074) Q	0.0000022 Q	ND(0.00000063)	0.000014
1,2,3,7,8-PeCDD		ND(0.00000038) Q	0.0000010 JQ	ND(0.00000053)	ND(0.0000052) X
PeCDDs (total)		ND(0.00000065) Q	0.0000073 Q	ND(0.00000099)	0.000021 Q
1,2,3,4,7,8-HxCDD		ND(0.00000067)	ND(0.00000062) X	ND(0.00000053)	0.0000057 J
1,2,3,6,7,8-HxCDD		ND(0.00000060)	0.0000014 J	ND(0.00000053)	0.0000074
1,2,3,7,8,9-HxCDD		ND(0.00000064)	0.0000041 J	ND(0.00000053)	0.0000064
HxCDDs (total)		0.0000010 J	0.000025	ND(0.00000053)	0.00011
1,2,3,4,6,7,8-HpCDD		0.0000036 J	0.000022	0.00000081 J	0.000068
HpCDDs (total)		0.0000066	0.000047	0.00000081 J	0.00014
OCDD		0.000028	0.00024	0.0000043 J	0.00045
Total TEQs (WHO TEFs)		0.0000015	0.0000058	0.00000073	0.000059
Inorganics					
Antimony		1.20 B	1.30 B	ND(6.00)	2.00 B
Arsenic		8.00	9.30	6.90	10.0
Barium		27.0	46.0	25.0	72.0
Beryllium		0.280 B	0.240 B	0.260 B	0.380 B
Cadmium		0.0970 B	0.520	0.270 B	0.300 B
Chromium		6.40	7.10	6.50	12.0
Cobalt		7.70	7.70	5.90	7.00
Copper		19.0	21.0	13.0	33.0
Cyanide		0.0660 B	0.140 B	0.100 B	0.190
Lead		47.0	100	17.0	100
Mercury		0.0430 B	0.200	0.0530 B	0.490
Nickel		12.0	12.0	9.60	12.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver		ND(1.00)	0.260 B	ND(1.00)	0.290 B
Sulfide		25.0	29.0	ND(6.00)	12.0
Thallium		ND(1.10)	ND(1.10)	ND(1.20)	ND(1.30)
Tin		3.70 B	5.30 B	4.00 B	8.40 B
Vanadium		8.20	6.80	8.00	12.0
Zinc		49.0	64.0	36.0	100

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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 / Sample Depth (Feet) / Date Collected:	3A-A9-10 1-3 11/23/04	3A-A9-10 3-5 11/23/04	3A-A9-11 0-1 11/22/04	3A-A9-11 1-3 11/22/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
1,4-Dichlorobenzene	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
2,4-Dinitrotoluene	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
2-Methylnaphthalene	ND(0.36) [1.2]	ND(0.36)	ND(0.38)	ND(0.39)
3&4-Methylphenol	ND(0.72) [0.29 J]	ND(0.72)	ND(0.75)	ND(0.78)
4-Bromophenyl-phenylether	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
4-Chlorobenzilate	ND(0.72) [ND(0.72)]	ND(0.72)	ND(0.75)	ND(0.78)
Acenaphthene	3.6 [1.7]	ND(0.36)	0.38	ND(0.39)
Acenaphthylene	2.8 [7.9]	1.2	0.36 J	0.22 J
Acetophenone	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
Anthracene	4.8 [7.0]	0.59	1.4	0.17 J
Benzidine	ND(0.72) [ND(0.72)]	ND(0.72)	ND(0.75)	ND(0.78)
Benzo(a)anthracene	10 [30]	1.5	8.5	0.29 J
Benzo(a)pyrene	8.2 [28]	1.9	6.3	ND(0.39)
Benzo(b)fluoranthene	4.8 [16]	1.1	4.3	ND(0.39)
Benzo(g,h,i)perylene	4.2 [15]	1.3	2.8	ND(0.39)
Benzo(k)fluoranthene	6.6 [22]	1.3	5.5	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.37)	ND(0.39)
Butylbenzylphthalate	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
Chrysene	8.8 [25]	1.4	8.7	0.14 J
Dibenzo(a,h)anthracene	1.1 [3.4]	ND(0.36)	0.73	ND(0.39)
Dibenzofuran	2.0 [1.6]	ND(0.36)	ND(0.38)	ND(0.39)
Di-n-Butylphthalate	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
Fluoranthene	20 [61]	2.1	21	0.19 J
Fluorene	4.3 [2.7]	ND(0.36)	0.49	ND(0.39)
Indeno(1,2,3-cd)pyrene	3.7 [12]	0.92	2.7	ND(0.39)
Naphthalene	1.8 [2.1]	0.41	0.12 J	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
Pentachlorobenzene	ND(0.36) [ND(0.36)]	ND(0.36)	ND(0.38)	ND(0.39)
Phenanthrene	15 [26]	0.71	10	0.086 J
Pyrene	25 [99]	2.9	18	0.30 J
Furans				
2,3,7,8-TCDF	ND(0.0000026) [ND(0.00000094)]	ND(0.00000092) X	0.0000057 J	ND(0.00000047)
TCDFs (total)	ND(0.0000026) [ND(0.00000094) Q]	0.0000034 Q	0.000012 Q	ND(0.00000047)
1,2,3,7,8-PeCDF	ND(0.0000023) [ND(0.00000052) Q]	ND(0.00000050) Q	ND(0.0000024) Q	ND(0.00000057)
2,3,4,7,8-PeCDF	ND(0.0000023) [0.00000087 JQ]	0.00000074 JQ	ND(0.0000037) X	ND(0.00000057)
PeCDFs (total)	0.0000051 JQ [0.00000087 JQ]	0.0000050 JQ	0.000012 JQ	0.00000060 J
1,2,3,4,7,8-HxCDF	ND(0.0000033) [0.00000055 J]	ND(0.00000050)	ND(0.0000027)	ND(0.00000057)
1,2,3,6,7,8-HxCDF	ND(0.0000029) [ND(0.00000052)]	ND(0.00000050)	ND(0.0000024)	ND(0.00000057)
1,2,3,7,8,9-HxCDF	ND(0.0000039) [ND(0.00000060)]	ND(0.00000056)	ND(0.0000032)	ND(0.00000057)
2,3,4,6,7,8-HxCDF	ND(0.0000032) [0.00000060 J]	ND(0.00000050)	ND(0.0000026)	ND(0.00000057)
HxCDFs (total)	0.0000088 J [0.0000072 Q]	0.0000049 J	0.000018 J	ND(0.00000057)
1,2,3,4,6,7,8-HpCDF	0.0000024 J [0.0000025 J]	0.0000014 J	0.0000054 J	0.00000064 J
1,2,3,4,7,8,9-HpCDF	ND(0.0000023) [ND(0.00000056)]	ND(0.00000050)	ND(0.0000024)	ND(0.00000057)
HpCDFs (total)	0.0000051 J [0.0000053]	0.0000035 J	0.0000054 J	0.00000064 J
OCDF	ND(0.0000069) [ND(0.0000037) X]	0.0000033 J	ND(0.0000056) X	ND(0.0000011)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-10 / 1-3 / 11/23/04	3A-A9-10 / 3-5 / 11/23/04	3A-A9-11 / 0-1 / 11/22/04	3A-A9-11 / 1-3 / 11/22/04
Dioxins					
2,3,7,8-TCDD		ND(0.0000027) [ND(0.00000086) Q]	ND(0.00000076)	ND(0.0000075)	ND(0.00000025)
TCDDs (total)		ND(0.0000027) [ND(0.00000086) Q]	ND(0.00000076)	ND(0.0000075) Q	ND(0.00000069)
1,2,3,7,8-PeCDD		ND(0.0000023) [ND(0.00000055) Q]	ND(0.00000050)	ND(0.0000027) Q	ND(0.00000057)
PeCDDs (total)		ND(0.0000043) [ND(0.00000055) Q]	ND(0.00000088) Q	0.0000046 JQ	0.0000012 J
1,2,3,4,7,8-HxCDD		ND(0.0000042) [0.00000081 J]	ND(0.00000050) Q	ND(0.0000030)	ND(0.00000057)
1,2,3,6,7,8-HxCDD		ND(0.0000037) [0.00000072 J]	0.00000059 J	ND(0.0000027)	ND(0.00000057)
1,2,3,7,8,9-HxCDD		ND(0.0000040) [ND(0.00000068)]	ND(0.00000050)	ND(0.0000061) X	ND(0.00000057)
HxCDDs (total)		ND(0.0000039) [0.00000072 JQ]	0.0000011 J	0.000011 J	ND(0.00000057)
1,2,3,4,6,7,8-HpCDD		0.0000096 J [0.0000062]	0.0000061	0.000025	0.0000012 J
HpCDDs (total)		0.000016 J [0.000012]	0.000011	0.000053	0.0000021 J
OCDD		0.000058 [0.000051]	0.000045	0.00034	0.0000096 J
Total TEQs (WHO TEFs)		0.0000047 [0.0000017]	0.0000014	0.0000081	0.00000081
Inorganics					
Antimony		1.70 B [1.60 B]	1.80 B	ND(6.00)	ND(6.00)
Arsenic		7.20 [7.00]	7.40	6.70	6.80
Barium		18.0 B [24.0]	15.0 B	30.0	17.0 B
Beryllium		0.190 B [0.180 B]	0.160 B	0.240 B	0.250 B
Cadmium		0.0880 B [0.120 B]	ND(0.500)	0.380 B	0.340 B
Chromium		6.70 [4.70]	5.20	7.70	6.60
Cobalt		8.00 [7.20]	7.40	8.40	6.90
Copper		22.0 [20.0]	20.0	15.0	14.0
Cyanide		0.0670 B [0.0840 B]	0.0720 B	0.120	0.0440 B
Lead		20.0 [21.0]	32.0	31.0	20.0
Mercury		0.0240 B [0.0230 B]	ND(0.110)	0.100 B	0.0870 B
Nickel		14.0 [11.0]	12.0	14.0	11.0
Selenium		ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)	ND(1.00)
Silver		0.220 B [0.180 B]	0.220 B	0.190 B	0.570 B
Sulfide		6.90 [8.60]	ND(5.40)	ND(5.60)	ND(5.80)
Thallium		ND(1.10) [ND(1.10)]	ND(1.10)	ND(1.10)	ND(1.20)
Tin		3.80 B [4.10 B]	4.30 B	3.60 B	3.90 B
Vanadium		6.60 [4.90 B]	4.50 B	7.40	6.80
Zinc		42.0 [32.0]	37.0	55.0	46.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3A-A9-12 0-1 11/19/04	3A-A9-12 1-3 11/19/04	3A-A9-12 3-5 11/19/04	3A-A9-13 0-1 11/22/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
1,4-Dichlorobenzene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
2,4-Dinitrotoluene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
2-Methylnaphthalene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
3&4-Methylphenol	ND(0.91)	ND(0.86)	ND(0.88)	ND(0.78)
4-Bromophenyl-phenylether	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
4-Chlorobenzilate	ND(0.91)	ND(0.86)	ND(0.88)	ND(0.78)
Acenaphthene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Acenaphthylene	1.8	2.6	0.54	0.69
Acetophenone	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Anthracene	0.75	0.72	0.70	0.40
Benzidine	ND(0.91)	ND(0.86)	ND(0.88)	ND(0.78)
Benzo(a)anthracene	4.1	2.1	1.7	1.5
Benzo(a)pyrene	3.8	3.2	1.2	1.4
Benzo(b)fluoranthene	1.9	1.4	0.80	0.93
Benzo(g,h,i)perylene	1.5	2.0	0.35 J	0.82
Benzo(k)fluoranthene	2.8	1.8	0.93	0.93
bis(2-Ethylhexyl)phthalate	ND(0.45)	ND(0.42)	ND(0.43)	ND(0.38)
Butylbenzylphthalate	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Chrysene	3.6	2.5	1.4	1.4
Dibenzo(a,h)anthracene	0.62	0.54	ND(0.44)	0.16 J
Dibenzofuran	ND(0.45)	0.11 J	ND(0.44)	ND(0.38)
Di-n-Butylphthalate	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Fluoranthene	5.5	2.7	3.1	1.9
Fluorene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Indeno(1,2,3-cd)pyrene	1.4	1.4	0.34 J	0.62
Naphthalene	0.39 J	0.17 J	0.12 J	0.097 J
o,o,o-Triethylphosphorothioate	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Pentachlorobenzene	ND(0.45)	ND(0.43)	ND(0.44)	ND(0.38)
Phenanthrene	1.4	0.69	1.1	0.41
Pyrene	6.0	3.0	1.9	2.7
Furans				
2,3,7,8-TCDF	0.00017 Y	0.000031 Y	0.00000072 J	0.0000038 Y
TCDFs (total)	0.0018 QI	0.00037 Q	0.00000072 JQ	0.000050 Q
1,2,3,7,8-PeCDF	0.00010 Q	0.000018 Q	ND(0.00000061) Q	ND(0.0000035) Q
2,3,4,7,8-PeCDF	0.00016 Q	0.000031 Q	ND(0.00000061) Q	ND(0.0000033) Q
PeCDFs (total)	0.0015 Q	0.00022 Q	ND(0.00000061) Q	0.000081 Q
1,2,3,4,7,8-HxCDF	0.00028	0.000052	ND(0.00000080)	0.0000028 J
1,2,3,6,7,8-HxCDF	0.000083	0.000017	ND(0.00000069)	ND(0.0000016)
1,2,3,7,8,9-HxCDF	0.000024 Q	0.0000078 Q	ND(0.00000093)	ND(0.0000019) Q
2,3,4,6,7,8-HxCDF	0.000083	0.000016	ND(0.00000078)	ND(0.0000017)
HxCDFs (total)	0.0018 Q	0.00027 Q	ND(0.00000061)	0.000046 Q
1,2,3,4,6,7,8-HpCDF	0.00074	0.00012	ND(0.00000061)	0.000016
1,2,3,4,7,8,9-HpCDF	0.00010	0.000015	ND(0.00000061)	0.00000083 J
HpCDFs (total)	0.0016	0.00025	ND(0.00000061)	0.000030
OCDF	0.0011	0.00015	ND(0.0000012)	0.000013

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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:	Sample Depth (Feet):	Date Collected:	3A-A9-12	3A-A9-12	3A-A9-12	3A-A9-13
			0-1	1-3	3-5	0-1
			11/19/04	11/19/04	11/19/04	11/22/04
Dioxins						
2,3,7,8-TCDD			ND(0.0000035) Q	0.00000056 JQ	ND(0.00000025)	ND(0.00000049) Q
TCDDs (total)			0.000030 Q	0.0000028 Q	ND(0.00000061)	ND(0.00000049) Q
1,2,3,7,8-PeCDD			0.000015 Q	ND(0.0000021) X	ND(0.00000061)	ND(0.00000054) Q
PeCDDs (total)			0.000037 Q	0.000015 Q	ND(0.00000061)	0.0000021 JQ
1,2,3,4,7,8-HxCDD			ND(0.000017) X	0.0000025 J	ND(0.00000061)	ND(0.00000054)
1,2,3,6,7,8-HxCDD			0.000029	ND(0.0000063) X	ND(0.00000061)	0.00000078 J
1,2,3,7,8,9-HxCDD			0.000016	0.0000030 J	ND(0.00000061)	0.00000074 J
HxCDDs (total)			0.00016	0.000046	ND(0.00000084)	0.0000054 J
1,2,3,4,6,7,8-HpCDD			0.00048	0.000076	0.00000064 J	0.0000077
HpCDDs (total)			0.00088	0.00014	0.00000064 J	0.000015
OCDD			0.0044	0.00069	0.0000037 J	0.000057
Total TEQs (WHO TEFs)			0.00018	0.000033	0.00000093	0.0000028
Inorganics						
Antimony			ND(6.00)	ND(6.00)	ND(6.00)	0.900 B
Arsenic			4.60	5.80	2.40	5.80
Barium			52.0	54.0	27.0	24.0
Beryllium			0.320 B	0.220 B	0.200 B	0.240 B
Cadmium			1.00	0.380 B	ND(0.500)	0.410 B
Chromium			26.0	13.0	9.70	5.80
Cobalt			7.50	6.00	6.00	6.10
Copper			160	51.0	16.0	14.0
Cyanide			0.900	0.290	0.140	0.0820 B
Lead			170	120	18.0	35.0
Mercury			0.340	0.0350 B	0.0470 B	0.100 B
Nickel			24.0	14.0	10.0	11.0
Selenium			1.60	1.30	0.900 B	ND(1.00)
Silver			0.810 B	0.270 B	ND(1.00)	0.150 B
Sulfide			540	8.20	19.0	5.60 B
Thallium			ND(1.40)	ND(1.30)	ND(1.30)	ND(1.20)
Tin			19.0	9.90 B	4.90 B	4.70 B
Vanadium			15.0	10.0	8.70	6.90
Zinc			690	340	40.0	44.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3A-A9-13 1-3 11/22/04	3A-A9-14 0-1 11/22/04	3A-A9-14 1-3 11/22/04	3A-A9-15 0-1 11/29/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
1,4-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
2,4-Dinitrotoluene	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
2-Methylnaphthalene	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
3&4-Methylphenol	ND(0.75)	ND(0.87)	ND(0.80) [ND(0.80)]	ND(1.1)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
4-Chlorobenzilate	ND(0.75)	ND(0.87)	ND(0.80) [ND(0.80)]	ND(1.1)
Acenaphthene	ND(0.37)	ND(0.43)	ND(0.40) [0.29 J]	ND(0.55)
Acenaphthylene	ND(0.37)	0.29 J	0.23 J [1.3]	0.49 J
Acetophenone	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
Anthracene	ND(0.37)	0.26 J	0.18 J [0.78]	0.35 J
Benzidine	ND(0.75)	ND(0.87)	ND(0.80) [ND(0.80)]	ND(1.1)
Benzo(a)anthracene	0.20 J	0.47	0.24 J [1.8]	0.64
Benzo(a)pyrene	ND(0.37)	0.26 J	ND(0.40) [1.8]	0.47 J
Benzo(b)fluoranthene	ND(0.37)	0.41 J	ND(0.40) [1.2]	0.53 J
Benzo(g,h,i)perylene	ND(0.37)	0.089 J	ND(0.40) [1.0]	0.34 J
Benzo(k)fluoranthene	ND(0.37)	0.26 J	ND(0.40) [1.4]	0.31 J
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.43)	ND(0.39) [ND(0.39)]	ND(0.54)
Butylbenzylphthalate	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
Chrysene	0.076 J	0.44	0.11 J [1.8]	0.50 J
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.43)	ND(0.40) [0.24 J]	ND(0.55)
Dibenzofuran	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
Di-n-Butylphthalate	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
Fluoranthene	0.14 J	1.0	0.16 J [4.4]	0.60
Fluorene	ND(0.37)	ND(0.43)	ND(0.40) [0.31 J]	ND(0.55)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.43)	ND(0.40) [0.83]	0.23 J
Naphthalene	ND(0.37)	ND(0.43)	ND(0.40) [0.25 J]	ND(0.55)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
Pentachlorobenzene	ND(0.37)	ND(0.43)	ND(0.40) [ND(0.40)]	ND(0.55)
Phenanthrene	ND(0.37)	0.33 J	0.12 J [1.6]	0.31 J
Pyrene	0.10 J	0.74	0.19 J [3.1]	0.74
Furans				
2,3,7,8-TCDF	0.0000015 JQ	0.000057 Y	0.0000053 Y [0.0000048 Y]	0.000056 Y
TCDFs (total)	0.000012 Q	0.00066 Q	0.000060 Q [0.000053]	0.0010 Q
1,2,3,7,8-PeCDF	0.00000083 JQ	0.00017	0.0000065 [0.000013]	0.00050
2,3,4,7,8-PeCDF	0.0000016 JQ	0.000019	0.0000027 J [0.0000024 J]	0.000057
PeCDFs (total)	0.000022 Q	0.00057 Q	0.000042 Q [0.000053]	0.0013 Q
1,2,3,4,7,8-HxCDF	0.0000016 J	0.000072	0.0000034 J [0.0000039 J]	0.00023
1,2,3,6,7,8-HxCDF	ND(0.00000092) X	0.000011	0.0000015 J [0.0000012 J]	0.000023
1,2,3,7,8,9-HxCDF	ND(0.00000050) Q	ND(0.0000039) Q	ND(0.00000058) [ND(0.00000072)]	0.0000092 Q
2,3,4,6,7,8-HxCDF	0.0000014 J	0.000015	0.0000015 J [0.0000015 J]	0.000027
HxCDFs (total)	0.000018 Q	0.00029 Q	0.000023 [0.000023]	0.00072 Q
1,2,3,4,6,7,8-HpCDF	0.0000066	0.000042	0.0000044 J [0.0000039 J]	0.00019
1,2,3,4,7,8,9-HpCDF	ND(0.00000077) X	0.0000056 J	ND(0.00000058) [0.00000058 J]	0.000018
HpCDFs (total)	0.000012	0.000081	0.0000076 [0.0000072]	0.00036
OCDF	0.0000062 J	0.000038	0.0000044 J [0.0000042 J]	0.00016

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-13 1-3 11/22/04	3A-A9-14 0-1 11/22/04	3A-A9-14 1-3 11/22/04	3A-A9-15 0-1 11/29/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000045)	ND(0.00000064) X	ND(0.00000041) [ND(0.00000052)]	0.0000014 J
TCDDs (total)		ND(0.00000045) Q	0.000010	ND(0.00000043) [ND(0.00000052)]	0.000016
1,2,3,7,8-PeCDD		ND(0.00000050) Q	ND(0.0000021) X	ND(0.00000058) [ND(0.00000048)]	ND(0.0000040)
PeCDDs (total)		0.0000016 JQ	0.000012 Q	ND(0.00000058) [ND(0.00000048)]	0.000016 Q
1,2,3,4,7,8-HxCDD		ND(0.00000059)	0.0000021 J	ND(0.00000058) [ND(0.00000056)]	ND(0.0000057) X
1,2,3,6,7,8-HxCDD		0.00000061 J	0.0000033 J	ND(0.00000058) [ND(0.00000053)]	ND(0.000012) X
1,2,3,7,8,9-HxCDD		0.00000067 J	0.0000030 J	ND(0.00000058) [ND(0.00000054)]	ND(0.0000080) X
HxCDDs (total)		0.0000017 J	0.000035	0.0000010 J [0.0000014 J]	0.000085
1,2,3,4,6,7,8-HpCDD		0.0000042 J	0.000035	0.0000034 J [0.0000033 J]	0.000096
HpCDDs (total)		0.0000077	0.000067	0.0000063 [0.0000033 J]	0.00019
OCDD		0.000030	0.00021	0.000019 [0.000016]	0.00071
Total TEQs (WHO TEFs)		0.0000021	0.000037	0.0000035 [0.0000037]	0.000096
Inorganics					
Antimony		1.40 B	1.80 B	1.10 B [2.30 B]	ND(6.00)
Arsenic		4.70	16.0	7.90 [11.0]	12.0
Barium		20.0	50.0	40.0 [45.0]	76.0
Beryllium		0.150 B	0.290 B	0.270 B [0.280 B]	0.290 B
Cadmium		0.380 B	0.760	0.380 B [0.570]	0.540
Chromium		9.60	11.0	7.50 [8.60]	11.0
Cobalt		7.00	8.30	7.90 [8.60]	6.20
Copper		19.0	26.0	21.0 [21.0]	45.0
Cyanide		0.0970 B	0.210	0.0800 B [0.0780 B]	0.820
Lead		29.0	120	120 [110]	200
Mercury		0.0330 B	0.540	1.60 [1.50]	0.380
Nickel		13.0	14.0	13.0 [15.0]	12.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	1.70
Silver		0.290 B	0.640 B	0.500 B [0.570 B]	ND(1.20)
Sulfide		5.40 B	310	300 [140]	34.0
Thallium		ND(1.10)	ND(1.30)	ND(1.20) [ND(1.20)]	ND(1.60)
Tin		4.40 B	7.90 B	8.20 B [7.10 B]	12.0 B
Vanadium		7.20	11.0	7.60 [8.40]	12.0
Zinc		43.0	94.0	62.0 [64.0]	190

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3A-A9-15	3A-A9-16	3A-A9-16	3A-A9-16	3A-A9-17
Sample Depth (Feet):	1-3	0-1	1-3	3-5	0-1
Parameter Date Collected:	11/29/04	11/23/04	12/02/04	12/02/04	11/23/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
1,4-Dichlorobenzene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
2,4-Dinitrotoluene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
2-Methylnaphthalene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
3&4-Methylphenol	ND(0.85)	ND(0.88)	ND(0.92)	ND(0.94)	ND(0.79)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
4-Chlorobenzilate	ND(0.85)	ND(0.88)	ND(0.92)	ND(0.94)	ND(0.79)
Acenaphthene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Acenaphthylene	0.68	0.32 J	ND(0.46)	0.24 J	0.22 J
Acetophenone	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Anthracene	0.34 J	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Benzidine	ND(0.85)	ND(0.88)	ND(0.92)	ND(0.94)	ND(0.79)
Benzo(a)anthracene	0.75	0.30 J	0.23 J	ND(0.47)	0.23 J
Benzo(a)pyrene	0.71	0.12 J	ND(0.46)	ND(0.47)	ND(0.39)
Benzo(b)fluoranthene	0.50	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Benzo(g,h,i)perylene	0.49	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Benzo(k)fluoranthene	0.43	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.43)	ND(0.45)	0.92	ND(0.39)
Butylbenzylphthalate	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Chrysene	0.58	0.12 J	ND(0.46)	ND(0.47)	ND(0.39)
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Dibenzofuran	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Di-n-Butylphthalate	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Fluoranthene	0.65	0.18 J	ND(0.46)	ND(0.47)	0.13 J
Fluorene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Indeno(1,2,3-cd)pyrene	0.41 J	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Naphthalene	0.12 J	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Pentachlorobenzene	ND(0.42)	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Phenanthrene	0.25 J	ND(0.44)	ND(0.46)	ND(0.47)	ND(0.39)
Pyrene	0.82	0.22 J	0.12 J	0.15 J	0.11 J
Furans					
2,3,7,8-TCDF	0.000013 Y	0.000016 Y	0.0000021 Y	ND(0.00000056)	0.0000051 Y
TCDFs (total)	0.00026 Q	0.00012 Q	0.000010	ND(0.00000056)	0.000035
1,2,3,7,8-PeCDF	0.00014	0.000017	ND(0.0000018)	ND(0.00000058)	0.0000044 J
2,3,4,7,8-PeCDF	0.000013	0.000011	ND(0.0000018)	ND(0.00000055)	0.0000024 J
PeCDFs (total)	0.00034 Q	0.00020 I	0.0000036	ND(0.00000058)	0.000036
1,2,3,4,7,8-HxCDF	0.000012	0.000038	ND(0.0000025)	ND(0.0000011)	0.0000047 J
1,2,3,6,7,8-HxCDF	0.0000053 J	0.0000085	ND(0.0000023)	ND(0.0000010)	0.0000013 J
1,2,3,7,8,9-HxCDF	ND(0.0000019) Q	0.0000031 J	ND(0.0000029)	ND(0.0000013)	ND(0.00000066)
2,3,4,6,7,8-HxCDF	0.0000065	0.000011	ND(0.0000026)	ND(0.0000011)	0.0000018 J
HxCDFs (total)	0.00016 Q	0.00024	0.0000039	ND(0.0000013)	0.000027
1,2,3,4,6,7,8-HpCDF	0.000047	0.00013	0.000014	ND(0.0000012)	0.0000056 J
1,2,3,4,7,8,9-HpCDF	0.0000040 J	0.0000061 J	ND(0.0000018)	ND(0.00000092)	ND(0.00000075)
HpCDFs (total)	0.000089	0.00023	0.000024	ND(0.0000012)	0.0000098
OCDF	0.000041	0.000085	0.0000065 J	ND(0.0000013)	0.0000061 J

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-15 1-3 11/29/04	3A-A9-16 0-1 11/23/04	3A-A9-16 1-3 12/02/04	3A-A9-16 3-5 12/02/04	3A-A9-17 0-1 11/23/04
Dioxins						
2,3,7,8-TCDD		ND(0.0000010)	ND(0.00000065)	ND(0.00000040)	ND(0.00000047)	ND(0.00000069)
TCDDs (total)		0.0000016 J	0.0000042	ND(0.00000040)	ND(0.00000047)	ND(0.00000069)
1,2,3,7,8-PeCDD		0.0000016 J	ND(0.0000045) X	ND(0.0000021)	ND(0.00000076)	ND(0.00000060)
PeCDDs (total)		0.0000085 Q	0.000021	ND(0.0000021)	ND(0.0000010)	ND(0.00000060)
1,2,3,4,7,8-HxCDD		0.0000015 J	0.0000032 J	ND(0.0000030)	ND(0.0000014)	ND(0.00000086)
1,2,3,6,7,8-HxCDD		ND(0.0000021) X	0.0000043 J	ND(0.0000027)	ND(0.0000012)	0.0000012 J
1,2,3,7,8,9-HxCDD		ND(0.0000021) X	0.0000032 J	ND(0.0000028)	ND(0.0000012)	ND(0.00000082)
HxCDDs (total)		0.000012	0.000054	ND(0.0000030)	ND(0.0000014)	0.0000087
1,2,3,4,6,7,8-HpCDD		0.000020	0.000043	0.0000040 J	ND(0.0000015)	0.000031
HpCDDs (total)		0.000039	0.000087	0.0000078	ND(0.0000015)	0.000061
OCDD		0.00015	0.00030	0.000026	0.000011 J	0.00035
Total TEQs (WHO TEFs)		0.000020	0.000019	0.0000031	0.0000012	0.0000040
Inorganics						
Antimony		1.10 B	1.60 B	ND(6.00)	ND(6.00)	2.00 B
Arsenic		13.0	6.70	5.00	6.60	6.20
Barium		66.0	67.0	42.0	44.0	24.0
Beryllium		0.500	0.390 B	0.130 B	0.240 B	0.260 B
Cadmium		0.300 B	0.450 B	0.210 B	ND(0.500)	0.220 B
Chromium		12.0	4.90	3.20	9.60	6.20
Cobalt		9.30	3.60 B	2.90 B	7.40	6.70
Copper		33.0	23.0	19.0	23.0	11.0
Cyanide		0.290	0.280	0.210	0.160	0.160
Lead		140	130	87.0	38.0	42.0
Mercury		0.180	0.250	0.330	0.0570 B	0.0740 B
Nickel		19.0	7.20	6.80	13.0	9.20
Selenium		2.20	0.950 B	1.10	1.70	ND(1.00)
Silver		ND(1.00)	0.210 B	ND(1.00)	ND(1.00)	0.160 B
Sulfide		36.0	6.30 B	ND(6.80)	ND(7.00)	ND(5.90)
Thallium		ND(1.30)	ND(1.30)	ND(1.40)	ND(1.40)	ND(1.20)
Tin		8.30 B	7.50 B	6.30 B	75.0	4.70 B
Vanadium		20.0	14.0	11.0	16.0	7.70
Zinc		130	190	64.0	90.0	63.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3A-A9-17 1-3 11/23/04	3A-A9-18 0-1 11/29/04	3A-A9-18 1-3 11/29/04	3A-A9-19 0-1 11/23/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
1,4-Dichlorobenzene	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
2,4-Dinitrotoluene	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
2-Methylnaphthalene	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
3&4-Methylphenol	ND(0.72)	ND(0.90)	ND(0.92)	ND(0.83)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
4-Chlorobenzilate	ND(0.72)	ND(0.90)	ND(0.92)	ND(0.83)
Acenaphthene	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
Acenaphthylene	ND(0.36)	1.4	0.24 J	0.34 J
Acetophenone	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
Anthracene	ND(0.36)	0.74	ND(0.46)	0.23 J
Benzidine	ND(0.72)	ND(0.90)	ND(0.92)	ND(0.83)
Benzo(a)anthracene	ND(0.36)	3.4	0.30 J	0.40 J
Benzo(a)pyrene	ND(0.36)	3.5	ND(0.46)	0.51
Benzo(b)fluoranthene	ND(0.36)	1.8	0.27 J	0.49
Benzo(g,h,i)perylene	ND(0.36)	1.4	ND(0.46)	0.26 J
Benzo(k)fluoranthene	ND(0.36)	2.2	ND(0.46)	0.38 J
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.44)	ND(0.45)	ND(0.41)
Butylbenzylphthalate	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
Chrysene	ND(0.36)	3.0	0.12 J	0.23 J
Dibenzo(a,h)anthracene	ND(0.36)	0.36 J	ND(0.46)	ND(0.41)
Dibenzofuran	ND(0.36)	0.11 J	ND(0.46)	ND(0.41)
Di-n-Butylphthalate	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
Fluoranthene	ND(0.36)	4.3	0.12 J	0.46
Fluorene	ND(0.36)	0.14 J	ND(0.46)	ND(0.41)
Indeno(1,2,3-cd)pyrene	ND(0.36)	1.3	ND(0.46)	0.22 J
Naphthalene	ND(0.36)	0.25 J	ND(0.46)	ND(0.41)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
Pentachlorobenzene	ND(0.36)	ND(0.45)	ND(0.46)	ND(0.41)
Phenanthrene	ND(0.36)	1.8	ND(0.46)	0.29 J
Pyrene	ND(0.36)	5.8	0.19 J	0.39 J
Furans				
2,3,7,8-TCDF	0.00000079 J	0.000016 Y	0.0000011 J	0.0000046 Y
TCDFs (total)	0.00000079 J	0.00038 Q	0.0000058	0.000031
1,2,3,7,8-PeCDF	ND(0.0000011) X	0.00014 Q	0.0000013 J	0.0000016 J
2,3,4,7,8-PeCDF	ND(0.00000052)	0.000013 Q	0.00000076 J	0.0000025 J
PeCDFs (total)	ND(0.00000052)	0.00030 Q	0.0000037 JQ	0.000025
1,2,3,4,7,8-HxCDF	ND(0.00000060) X	0.000030	ND(0.0000012) X	0.0000021 J
1,2,3,6,7,8-HxCDF	ND(0.00000052)	ND(0.000010) X	ND(0.00000093)	0.0000013 J
1,2,3,7,8,9-HxCDF	ND(0.00000066)	ND(0.0000049) Q	ND(0.0000013)	ND(0.0000011)
2,3,4,6,7,8-HxCDF	ND(0.00000055)	0.000013	ND(0.0000011)	0.0000012 J
HxCDFs (total)	ND(0.00000056)	0.00030 Q	0.0000020 J	0.000013
1,2,3,4,6,7,8-HpCDF	0.00000060 J	0.00015	0.0000034 J	0.0000048 J
1,2,3,4,7,8,9-HpCDF	ND(0.00000052)	0.000012	ND(0.00000069)	ND(0.00000074)
HpCDFs (total)	0.0000012 J	0.00028	0.0000052 J	0.0000076
OCDF	ND(0.0000012)	0.00012	0.0000024 J	0.0000075 J

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-17 1-3 11/23/04	3A-A9-18 0-1 11/29/04	3A-A9-18 1-3 11/29/04	3A-A9-19 0-1 11/23/04
Dioxins				
2,3,7,8-TCDD	ND(0.00000064)	ND(0.0000014)	ND(0.00000079)	ND(0.00000056)
TCDDs (total)	ND(0.00000064)	0.0000056 Q	ND(0.00000079)	ND(0.00000056)
1,2,3,7,8-PeCDD	ND(0.00000052)	0.0000031 JQ	ND(0.00000076)	ND(0.00000067) X
PeCDDs (total)	ND(0.00000052)	0.000017 Q	ND(0.00000076)	0.0000027 J
1,2,3,4,7,8-HxCDD	ND(0.00000075)	ND(0.0000040) X	ND(0.00000082)	ND(0.00000087)
1,2,3,6,7,8-HxCDD	ND(0.00000067)	0.0000060 J	ND(0.00000073)	ND(0.00000077)
1,2,3,7,8,9-HxCDD	ND(0.00000072)	0.0000050 J	ND(0.00000078)	ND(0.00000083)
HxCDDs (total)	ND(0.00000071)	0.000052	0.0000010 J	0.0000026 J
1,2,3,4,6,7,8-HpCDD	0.00000083 J	0.000050	0.0000018 J	0.0000059
HpCDDs (total)	0.00000083 J	0.00010	0.0000032 J	0.000012
OCDD	0.0000044 J	0.00035	0.0000074 J	0.000040
Total TEQs (WHO TEFs)	0.0000011	0.000027	0.0000017	0.0000032
Inorganics				
Antimony	1.70 B	7.30	1.50 B	2.10 B
Arsenic	5.30	22.0	9.90	10.0
Barium	22.0	97.0	130	38.0
Beryllium	0.260 B	0.570	0.750	0.370 B
Cadmium	0.180 B	0.430 B	0.330 B	ND(0.500)
Chromium	6.10	11.0	11.0	8.50
Cobalt	9.20	6.50	7.40	6.70
Copper	11.0	36.0	40.0	19.0
Cyanide	0.0550 B	0.410	0.320	0.150
Lead	10.0	450	980	61.0
Mercury	0.0150 B	0.260	0.530	0.330
Nickel	14.0	14.0	16.0	11.0
Selenium	ND(1.00)	2.00	1.10	ND(1.00)
Silver	0.380 B	0.150 B	ND(1.00)	0.270 B
Sulfide	ND(5.40)	17.0	11.0	ND(6.20)
Thallium	ND(1.10)	ND(1.30)	ND(1.40)	ND(1.20)
Tin	3.70 B	180	11.0	5.60 B
Vanadium	5.80	19.0	26.0	12.0
Zinc	44.0	160	260	69.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3A-A9-19	3A-A9-19	3A-A9-20	3A-A9-20	3A-A9-21
Sample Depth (Feet):	1-3	3-5	0-1	1-3	0-1
Parameter / Date Collected:	11/23/04	11/23/04	11/23/04	11/23/04	11/29/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
1,4-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
2,4-Dinitrotoluene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
2-Methylnaphthalene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
3&4-Methylphenol	ND(0.72)	ND(0.74)	ND(6.0)	ND(0.80)	ND(0.81)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
4-Chlorobenzilate	ND(0.72)	ND(0.74)	ND(6.0)	ND(0.80)	ND(0.81)
Acenaphthene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Acenaphthylene	0.20 J	ND(0.37)	3.7 J	0.23 J	ND(0.40)
Acetophenone	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Anthracene	ND(0.36)	ND(0.37)	4.2 J	ND(0.40)	ND(0.40)
Benzidine	ND(0.72)	ND(0.74)	ND(12)	ND(0.80)	ND(0.81)
Benzo(a)anthracene	ND(0.36)	ND(0.37)	15	ND(0.40)	ND(0.40)
Benzo(a)pyrene	ND(0.36)	ND(0.37)	14	ND(0.40)	ND(0.40)
Benzo(b)fluoranthene	ND(0.36)	ND(0.37)	13	ND(0.40)	ND(0.40)
Benzo(g,h,i)perylene	ND(0.36)	ND(0.37)	6.7	ND(0.40)	ND(0.40)
Benzo(k)fluoranthene	ND(0.36)	ND(0.37)	12	ND(0.40)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.36)	ND(3.0)	ND(0.40)	ND(0.40)
Butylbenzylphthalate	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Chrysene	ND(0.36)	ND(0.37)	17	ND(0.40)	ND(0.40)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Dibenzofuran	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Di-n-Butylphthalate	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Fluoranthene	ND(0.36)	ND(0.37)	38	ND(0.40)	ND(0.40)
Fluorene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.37)	6.3	ND(0.40)	ND(0.40)
Naphthalene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Pentachlorobenzene	ND(0.36)	ND(0.37)	ND(6.0)	ND(0.40)	ND(0.40)
Phenanthrene	ND(0.36)	ND(0.37)	12	ND(0.40)	ND(0.40)
Pyrene	ND(0.36)	ND(0.37)	31	ND(0.40)	ND(0.40)
Furans					
2,3,7,8-TCDF	ND(0.00000057)	ND(0.00000050)	0.000011 Y	0.0000014 J	ND(0.00000063)
TCDFs (total)	ND(0.00000057)	ND(0.00000050)	0.00010	0.0000074	ND(0.00000063)
1,2,3,7,8-PeCDF	ND(0.00000051)	ND(0.00000051)	0.0000079	ND(0.00000054)	ND(0.00000058)
2,3,4,7,8-PeCDF	ND(0.00000051)	ND(0.00000051)	0.0000052 J	ND(0.00000054)	ND(0.00000058)
PeCDFs (total)	ND(0.00000051)	ND(0.00000051)	0.000050 Q	0.0000023 J	ND(0.00000058)
1,2,3,4,7,8-HxCDF	ND(0.00000051)	ND(0.00000060)	0.0000055 J	0.00000068 J	ND(0.00000058)
1,2,3,6,7,8-HxCDF	ND(0.00000051)	ND(0.00000052)	ND(0.0000022) X	ND(0.00000054)	ND(0.00000058)
1,2,3,7,8,9-HxCDF	ND(0.00000051)	ND(0.00000070)	ND(0.0000012)	ND(0.00000054)	ND(0.00000062)
2,3,4,6,7,8-HxCDF	ND(0.00000051)	ND(0.00000059)	0.0000027 J	ND(0.00000054)	ND(0.00000058)
HxCDFs (total)	ND(0.00000051)	ND(0.00000059)	0.000030	0.0000018 J	ND(0.00000058)
1,2,3,4,6,7,8-HpCDF	ND(0.00000051)	ND(0.00000051)	0.000018	0.0000019 J	ND(0.00000058)
1,2,3,4,7,8,9-HpCDF	ND(0.00000059)	ND(0.00000060)	0.00000083 J	ND(0.00000054)	ND(0.00000061)
HpCDFs (total)	ND(0.00000052)	ND(0.00000053)	0.000036	0.0000038 J	ND(0.00000058)
OCDF	ND(0.0000013)	ND(0.0000013)	0.000063	0.0000057 J	ND(0.0000018)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-19 1-3 11/23/04	3A-A9-19 3-5 11/23/04	3A-A9-20 0-1 11/23/04	3A-A9-20 1-3 11/23/04	3A-A9-21 0-1 11/29/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000069)	ND(0.00000071)	ND(0.00000065)	ND(0.00000050)	ND(0.00000064)
TCDDs (total)		ND(0.00000069)	ND(0.00000071)	0.0000039	ND(0.00000050)	ND(0.00000064)
1,2,3,7,8-PeCDD		ND(0.00000051)	ND(0.00000062)	ND(0.00000062)	ND(0.00000054)	ND(0.00000069)
PeCDDs (total)		ND(0.00000082)	ND(0.00000066)	0.0000060 JQ	ND(0.00000095)	ND(0.00000094)
1,2,3,4,7,8-HxCDD		ND(0.00000051)	ND(0.00000098)	ND(0.00000079)	ND(0.00000062)	ND(0.00000083)
1,2,3,6,7,8-HxCDD		ND(0.00000051)	ND(0.00000087)	0.0000011 J	ND(0.00000056)	ND(0.00000074)
1,2,3,7,8,9-HxCDD		ND(0.00000051)	ND(0.00000094)	0.00000078 J	ND(0.00000060)	ND(0.00000080)
HxCDDs (total)		ND(0.00000079)	ND(0.00000093)	0.000015	ND(0.00000059)	ND(0.00000091)
1,2,3,4,6,7,8-HpCDD		ND(0.00000088)	ND(0.0000010)	0.000020	0.0000019 J	ND(0.0000011)
HpCDDs (total)		ND(0.00000088)	ND(0.0000010)	0.000041	0.0000019 J	ND(0.0000011)
OCDD		0.0000048 J	ND(0.0000030)	0.00020	0.000014	ND(0.0000032)
Total TEQs (WHO TEFs)		0.00000096	0.0000011	0.0000064	0.0000011	0.0000011
Inorganics						
Antimony		3.70 B	2.60 B	1.70 B	1.50 B	ND(6.00)
Arsenic		3.20	3.00	11.0	11.0	3.00
Barium		6.10 B	24.0	150	50.0	24.0
Beryllium		0.180 B	0.190 B	0.340 B	0.430 B	0.360 B
Cadmium		ND(0.500)	ND(0.500)	0.440 B	0.200 B	ND(0.500)
Chromium		3.20	3.40	7.80	11.0	8.80
Cobalt		1.60 B	4.00 B	5.50	11.0	7.40
Copper		1.60 B	7.60	28.0	23.0	9.80
Cyanide		ND(0.540)	ND(0.550)	0.280	0.0720 B	ND(0.120)
Lead		3.20	3.60	150	36.0	7.70
Mercury		ND(0.110)	ND(0.110)	0.250	0.0790 B	0.0110 B
Nickel		3.20 B	7.50	9.80	17.0	13.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.880 B
Silver		ND(1.00)	ND(1.00)	0.290 B	0.180 B	ND(1.00)
Sulfide		69.0	7.10	8.90	ND(6.00)	ND(6.10)
Thallium		ND(1.10)	ND(1.10)	ND(1.40)	ND(1.20)	ND(1.20)
Tin		3.00 B	2.90 B	8.60 B	4.90 B	4.20 B
Vanadium		4.80 B	4.50 B	11.0	13.0	9.30
Zinc		2.20 B	16.0	110	67.0	46.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3A-A9-21	3A-A9-21	3A-A9-22	3A-A9-22	3A-A9-23
Sample Depth (Feet):	1-3	3-5	0-1	1-3	0-1
Parameter / Date Collected:	11/29/04	11/29/04	11/29/04	11/29/04	11/29/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
1,4-Dichlorobenzene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
2,4-Dinitrotoluene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
2-Methylnaphthalene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
3&4-Methylphenol	ND(0.83)	ND(0.81)	ND(0.84)	ND(0.81)	ND(0.79)
4-Bromophenyl-phenylether	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
4-Chlorobenzilate	ND(0.83)	ND(0.81)	ND(0.84)	ND(0.81)	ND(0.79)
Acenaphthene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Acenaphthylene	ND(0.41)	0.46	0.40 J	0.40 J	0.32 J
Acetophenone	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Anthracene	ND(0.41)	0.28 J	0.24 J	0.29 J	0.20 J
Benzidine	ND(0.83)	ND(0.81)	ND(0.84)	ND(0.81)	ND(0.79)
Benzo(a)anthracene	ND(0.41)	0.64	0.55	1.1	0.38 J
Benzo(a)pyrene	ND(0.41)	0.56	0.45	0.94	0.48
Benzo(b)fluoranthene	ND(0.41)	0.48	0.44	0.73	0.37 J
Benzo(g,h,i)perylene	ND(0.41)	0.21 J	0.29 J	0.64	0.45
Benzo(k)fluoranthene	ND(0.41)	0.37 J	0.33 J	0.68	0.37 J
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.40)	ND(0.39)
Butylbenzylphthalate	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Chrysene	ND(0.41)	0.48	0.48	0.95	0.27 J
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Dibenzofuran	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Di-n-Butylphthalate	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Fluoranthene	ND(0.41)	0.68	0.50	1.4	0.31 J
Fluorene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.41)	0.25 J	0.25 J	0.48	0.38 J
Naphthalene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Pentachlorobenzene	ND(0.41)	ND(0.40)	ND(0.42)	ND(0.40)	ND(0.39)
Phenanthrene	ND(0.41)	0.21 J	0.17 J	0.36 J	0.12 J
Pyrene	ND(0.41)	1.0	0.76	1.8	0.52
Furans					
2,3,7,8-TCDF	ND(0.00000062)	0.000012 Y	0.000013 Y	0.0000019 J	0.0000084 Y
TCDFs (total)	ND(0.00000062)	0.00010 QI	0.00031 I	0.0000059 Q	0.00016
1,2,3,7,8-PeCDF	ND(0.00000060)	0.000010	0.00028	ND(0.0000010)	0.000059
2,3,4,7,8-PeCDF	ND(0.00000060)	0.000012	0.000012	0.0000023 J	0.000012
PeCDFs (total)	ND(0.00000060)	0.00011 QI	0.00063 Q	0.000025	0.00023 Q
1,2,3,4,7,8-HxCDF	ND(0.00000061)	0.000022	0.00013	ND(0.0000016) X	0.000032
1,2,3,6,7,8-HxCDF	ND(0.00000060)	0.0000074	0.0000078	0.0000010 J	0.0000055
1,2,3,7,8,9-HxCDF	ND(0.00000071)	ND(0.0000029) X	0.0000041 JQ	ND(0.0000012) Q	0.0000026 J
2,3,4,6,7,8-HxCDF	ND(0.00000060)	0.0000065	0.000010	0.0000015 J	0.000012
HxCDFs (total)	ND(0.00000060)	0.00014	0.00035 Q	0.000013 Q	0.00021
1,2,3,4,6,7,8-HpCDF	ND(0.00000060)	0.000039	0.000069	0.0000060	0.000053
1,2,3,4,7,8,9-HpCDF	ND(0.00000066)	0.0000054 J	0.0000074	ND(0.00000067) X	0.0000047 J
HpCDFs (total)	ND(0.00000060)	0.000080	0.00014	0.0000067	0.00010
OCDF	ND(0.0000013)	0.000052	0.000073	0.0000093 J	0.000034

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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:	Sample Depth (Feet):	Date Collected:	3A-A9-21 1-3 11/29/04	3A-A9-21 3-5 11/29/04	3A-A9-22 0-1 11/29/04	3A-A9-22 1-3 11/29/04	3A-A9-23 0-1 11/29/04
Dioxins							
2,3,7,8-TCDD			ND(0.00000076)	ND(0.00000072)	ND(0.00000056)	ND(0.00000065)	ND(0.00000063)
TCDDs (total)			ND(0.00000076)	ND(0.00000072)	0.0000050	ND(0.00000065)	0.0000012 J
1,2,3,7,8-PeCDD			ND(0.00000069)	ND(0.0000017) X	0.0000024 J	ND(0.00000084)	ND(0.0000019) X
PeCDDs (total)			ND(0.00000096)	0.0000032 JQ	0.000014 Q	0.0000015 JQ	0.000012 Q
1,2,3,4,7,8-HxCDD			ND(0.00000076)	0.0000014 J	0.0000030 J	ND(0.0000013)	0.0000016 J
1,2,3,6,7,8-HxCDD			ND(0.00000068)	ND(0.0000026) X	0.0000047 J	ND(0.0000011)	0.0000026 J
1,2,3,7,8,9-HxCDD			ND(0.00000073)	ND(0.0000018) X	0.0000034 J	ND(0.0000012)	0.0000020 J
HxCDDs (total)			ND(0.0000011)	0.000015	0.000055	0.0000040 J	0.000024
1,2,3,4,6,7,8-HpCDD			ND(0.0000011)	0.000020	0.000064	0.000011	0.000022
HpCDDs (total)			ND(0.0000011)	0.000038	0.00012	0.000021	0.000044
OCDD			0.0000030 J	0.00015	0.00053	0.00010	0.00014
Total TEQs (WHO TEFs)			0.0000012	0.000014	0.000042	0.0000029	0.000018
Inorganics							
Antimony			ND(6.00)	ND(6.00)	ND(6.00)	1.20 B	ND(6.00)
Arsenic			4.20	3.70	10.0	11.0	8.70
Barium			31.0	23.0	46.0	92.0	44.0
Beryllium			0.340 B	0.280 B	0.390 B	0.320 B	0.320 B
Cadmium			0.160 B	0.130 B	0.330 B	0.220 B	0.220 B
Chromium			10.0	8.60	12.0	11.0	9.40
Cobalt			9.70	7.50	10.0	8.40	8.70
Copper			12.0	9.20	26.0	51.0	24.0
Cyanide			ND(0.120)	0.120 B	0.120 B	0.100 B	0.120 B
Lead			6.00	5.50	62.0	110	91.0
Mercury			ND(0.120)	0.180	1.00	0.360	0.290
Nickel			18.0	13.0	18.0	15.0	15.0
Selenium			1.50	1.00	1.50	1.20	1.70
Silver			ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide			ND(6.20)	5.80 B	1300	280	89.0
Thallium			ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)
Tin			3.70 B	3.60 B	6.50 B	9.40 B	5.70 B
Vanadium			9.90	8.20	14.0	14.0	11.0
Zinc			53.0	42.0	90.0	190	85.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3A-A9-23	3A-A9-24	3A-A9-24	3A-A9-25	3A-A9-25
Sample Depth (Feet):	1-3	0-1	1-3	0-1	1-3
Parameter / Date Collected:	11/29/04	11/23/04	11/23/04	11/23/04	11/23/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
1,4-Dichlorobenzene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
2,4,5-Trichlorophenol	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
2,4-Dinitrotoluene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
2-Methylnaphthalene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
3&4-Methylphenol	ND(0.81)	ND(0.78)	ND(0.79)	ND(0.79)	ND(0.83)
4-Bromophenyl-phenylether	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
4-Chlorobenzilate	ND(0.81)	ND(0.78)	ND(0.79)	ND(0.79)	ND(0.83)
Acenaphthene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Acenaphthylene	0.23 J	ND(0.39)	0.25 J	0.91	0.23 J
Acetophenone	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Anthracene	ND(0.40)	0.20 J	0.25 J	0.43	ND(0.41)
Benzidine	ND(0.81)	ND(0.78)	ND(0.79)	ND(0.79)	ND(0.83)
Benzo(a)anthracene	ND(0.40)	0.28 J	0.69	2.3	0.24 J
Benzo(a)pyrene	ND(0.40)	ND(0.39)	0.62	1.9	ND(0.41)
Benzo(b)fluoranthene	ND(0.40)	ND(0.39)	0.59	1.6	ND(0.41)
Benzo(g,h,i)perylene	ND(0.40)	ND(0.39)	0.39 J	0.98	ND(0.41)
Benzo(k)fluoranthene	ND(0.40)	ND(0.39)	0.47	1.6	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	0.59
Butylbenzylphthalate	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Chrysene	ND(0.40)	0.14 J	0.64	2.3	0.084 J
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Dibenzofuran	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Di-n-Butylphthalate	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Fluoranthene	ND(0.40)	0.13 J	1.2	ND(0.39)	0.089 J
Fluorene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.39)	0.29 J	1.0	ND(0.41)
Naphthalene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Pentachlorobenzene	ND(0.40)	ND(0.39)	ND(0.39)	ND(0.39)	ND(0.41)
Phenanthrene	ND(0.40)	ND(0.39)	0.45	0.57	ND(0.41)
Pyrene	0.090 J	0.22 J	1.3	3.7	0.094 J
Furans					
2,3,7,8-TCDF	ND(0.00000064)	0.0000059 Y	ND(0.0000014)	0.0000032 Y	0.0000012 J
TCDFs (total)	ND(0.00000064)	0.000077	0.0000014 J	0.000029 Q	0.0000084
1,2,3,7,8-PeCDF	ND(0.00000059)	0.000041	0.0000018 J	0.0000019 J	0.0000016 J
2,3,4,7,8-PeCDF	ND(0.00000059)	0.0000040 J	0.00000091 J	0.0000030 J	0.0000020 J
PeCDFs (total)	0.0000014 J	0.00015 Q	0.000015	0.000029 Q	0.000018
1,2,3,4,7,8-HxCDF	ND(0.00000059)	0.000022	ND(0.0000022) X	0.0000037 J	0.0000022 J
1,2,3,6,7,8-HxCDF	ND(0.00000059)	0.0000020 J	0.00000083 J	ND(0.0000016) X	0.0000016 J
1,2,3,7,8,9-HxCDF	ND(0.00000060)	ND(0.0000014) Q	ND(0.00000085)	ND(0.00000097)	ND(0.0000011)
2,3,4,6,7,8-HxCDF	ND(0.00000059)	0.0000029 J	0.00000072 J	0.0000027 J	ND(0.0000018) X
HxCDFs (total)	0.0000017 J	0.000066 Q	0.0000059	0.000040	0.0000094
1,2,3,4,6,7,8-HpCDF	0.0000011 J	0.000014	0.0000027 J	0.000011	0.0000064
1,2,3,4,7,8,9-HpCDF	ND(0.00000059)	0.0000013 J	ND(0.00000080)	ND(0.00000095) X	ND(0.00000076)
HpCDFs (total)	0.0000018 J	0.000025	0.0000027 J	0.000020	0.0000064
OCDF	ND(0.0000015)	0.000011 J	0.0000017 J	0.0000084 J	ND(0.0000031) X

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-23 1-3 11/29/04	3A-A9-24 0-1 11/23/04	3A-A9-24 1-3 11/23/04	3A-A9-25 0-1 11/23/04	3A-A9-25 1-3 11/23/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000067)	ND(0.00000066)	ND(0.00000071)	ND(0.00000088)	ND(0.00000068)
TCDDs (total)		ND(0.00000067)	ND(0.00000066)	ND(0.00000071)	ND(0.00000088)	ND(0.00000068)
1,2,3,7,8-PeCDD		ND(0.00000065)	ND(0.00000076) X	ND(0.00000056)	ND(0.00000068) X	ND(0.00000077)
PeCDDs (total)		ND(0.00000096)	0.0000022 JQ	ND(0.00000056)	0.0000030 JQ	ND(0.00000077)
1,2,3,4,7,8-HxCDD		ND(0.00000068)	ND(0.0000014)	ND(0.00000074)	ND(0.00000078)	ND(0.00000098)
1,2,3,6,7,8-HxCDD		ND(0.00000060)	ND(0.0000013)	ND(0.00000066)	ND(0.00000085) X	ND(0.00000087)
1,2,3,7,8,9-HxCDD		ND(0.00000065)	ND(0.0000014)	ND(0.00000071)	ND(0.00000075)	ND(0.00000094)
HxCDDs (total)		ND(0.0000012)	0.000010	0.00000087 J	0.0000082	0.0000035 J
1,2,3,4,6,7,8-HpCDD		0.0000012 J	0.0000099	0.0000019 J	0.0000079	0.0000032 J
HpCDDs (total)		0.0000012 J	0.000020	0.0000019 J	0.000016	0.0000032 J
OCDD		0.0000064 J	0.000060	0.0000078 J	0.000052	0.0000088 J
Total TEQs (WHO TEFs)		0.0000011	0.0000086	0.0000017	0.0000038	0.0000027
Inorganics						
Antimony		ND(6.00)	1.70 B	2.50 B	1.60 B	2.00 B
Arsenic		7.80	6.90	6.80	6.70	6.30
Barium		28.0	47.0	53.0	50.0	48.0
Beryllium		0.390 B	0.280 B	0.330 B	0.290 B	0.380 B
Cadmium		0.100 B	0.460 B	0.190 B	0.430 B	0.200 B
Chromium		10.0	12.0	5.90	6.50	10.0
Cobalt		11.0	7.10	7.40	6.60	8.80
Copper		19.0	24.0	17.0	27.0	17.0
Cyanide		0.110 B	ND(1.20)	0.0850 B	0.360	1.00
Lead		50.0	85.0	67.0	160	130
Mercury		0.0660 B	0.170	0.0490 B	0.190	0.350
Nickel		21.0	13.0	13.0	11.0	13.0
Selenium		1.90	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Silver		ND(1.00)	ND(1.00)	0.180 B	0.280 B	0.250 B
Sulfide		ND(6.10)	540	38.0	9.50	9.90
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)
Tin		5.00 B	9.10 B	12.0	7.60 B	13.0
Vanadium		11.0	7.90	9.70	9.10	12.0
Zinc		76.0	81.0	58.0	110	270

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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:	3A-A9-25	3A-A9-26	3A-A9-26	3B-A9-4	3B-A9-4
Sample Depth (Feet):	3-5	0-1	1-3	0-1	1-3
Date Collected:	11/23/04	11/23/04	11/23/04	11/18/04	11/18/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
1,4-Dichlorobenzene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
2,4-Dinitrotoluene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
2-Methylnaphthalene	ND(0.40)	ND(0.39)	0.10 J	ND(0.40)	ND(0.39)
3&4-Methylphenol	ND(0.82)	ND(0.79)	ND(0.87)	ND(0.81)	ND(0.79)
4-Bromophenyl-phenylether	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
4-Chlorobenzilate	ND(0.82)	ND(0.79)	ND(0.87)	ND(0.81)	ND(0.79)
Acenaphthene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Acenaphthylene	ND(0.40)	ND(0.39)	0.54	1.0	0.60
Acetophenone	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Anthracene	ND(0.40)	ND(0.39)	0.33 J	0.44	0.39
Benzidine	ND(0.82)	ND(0.79)	ND(0.87)	ND(0.81)	ND(0.79)
Benzo(a)anthracene	ND(0.40)	0.23 J	0.89	1.1	0.95
Benzo(a)pyrene	ND(0.40)	ND(0.39)	0.73	1.1	0.87
Benzo(b)fluoranthene	ND(0.40)	ND(0.39)	0.60	0.72	0.62
Benzo(g,h,i)perylene	ND(0.40)	ND(0.39)	0.45	ND(0.40)	ND(0.39)
Benzo(k)fluoranthene	ND(0.40)	ND(0.39)	0.52	0.75	0.58
bis(2-Ethylhexyl)phthalate	0.75	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Butylbenzylphthalate	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Chrysene	ND(0.40)	ND(0.39)	0.77	1.1	0.96
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Dibenzofuran	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Di-n-Butylphthalate	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Fluoranthene	ND(0.40)	ND(0.39)	1.3	1.5	1.5
Fluorene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.39)	0.34 J	0.43	ND(0.39)
Naphthalene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Pentachlorobenzene	ND(0.40)	ND(0.39)	ND(0.43)	ND(0.40)	ND(0.39)
Phenanthrene	ND(0.40)	ND(0.39)	0.49	0.57	0.72
Pyrene	ND(0.40)	0.079 J	1.5	1.7	1.9
Furans					
2,3,7,8-TCDF	ND(0.00000050)	0.000013 Y	0.00000082 J	0.0000045 J	0.000011 Y
TCDFs (total)	ND(0.00000050)	0.00013 Q	0.00000082 J	0.000028	0.00013 Q
1,2,3,7,8-PeCDF	ND(0.00000056)	0.000023	0.00000083 J	0.0000042 J	0.0000032 JQ
2,3,4,7,8-PeCDF	ND(0.00000056)	0.0000078	ND(0.00000060)	0.0000034 J	0.0000086 Q
PeCDFs (total)	ND(0.00000056)	0.00011 Q	0.00000083 J	0.000041 Q	0.000070 Q
1,2,3,4,7,8-HxCDF	ND(0.00000056)	0.000015	ND(0.00000090)	0.0000028 J	0.0000039 J
1,2,3,6,7,8-HxCDF	ND(0.00000056)	0.0000023 J	ND(0.00000077)	ND(0.0000022)	0.0000029 J
1,2,3,7,8,9-HxCDF	ND(0.00000056)	ND(0.0000014) Q	ND(0.0000010)	ND(0.0000022)	ND(0.0000017) Q
2,3,4,6,7,8-HxCDF	ND(0.00000056)	0.0000038 J	ND(0.00000088)	0.0000022 J	0.0000053 J
HxCDFs (total)	ND(0.00000056)	0.000058 Q	ND(0.00000089)	0.000032	0.000061 Q
1,2,3,4,6,7,8-HpCDF	ND(0.00000056)	0.0000094	0.0000016 J	0.000012 J	0.000013
1,2,3,4,7,8,9-HpCDF	ND(0.00000069)	0.00000060 J	ND(0.00000060)	ND(0.0000022)	0.0000011 J
HpCDFs (total)	ND(0.00000061)	0.000016	0.0000028 J	0.000022	0.000024
OCDF	ND(0.0000020)	0.000011 J	0.0000026 J	0.0000094 J	0.000014

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3A-A9-25 3-5 11/23/04	3A-A9-26 0-1 11/23/04	3A-A9-26 1-3 11/23/04	3B-A9-4 0-1 11/18/04	3B-A9-4 1-3 11/18/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000066)	ND(0.00000067)	ND(0.00000066)	ND(0.00000087)	ND(0.00000040)
TCDDs (total)		ND(0.00000066)	0.00000092 J	ND(0.00000066)	ND(0.0000029)	0.0000010 J
1,2,3,7,8-PeCDD		ND(0.00000056)	ND(0.00000093) X	ND(0.00000060)	ND(0.0000022)	0.0000010 JQ
PeCDDs (total)		ND(0.00000097)	0.0000020 JQ	ND(0.0000011)	ND(0.0000022)	0.0000080 Q
1,2,3,4,7,8-HxCDD		ND(0.00000067)	ND(0.00000089)	ND(0.0000010)	ND(0.0000022)	0.00000062 J
1,2,3,6,7,8-HxCDD		ND(0.00000059)	ND(0.00000079)	ND(0.00000092)	ND(0.0000022)	0.0000014 J
1,2,3,7,8,9-HxCDD		ND(0.00000064)	ND(0.0000012) X	ND(0.0000010)	ND(0.0000022)	0.0000011 J
HxCDDs (total)		ND(0.00000081)	0.0000093	ND(0.00000098)	ND(0.0000022)	0.000016
1,2,3,4,6,7,8-HpCDD		ND(0.00000090)	0.000010	0.0000026 J	0.000010 J	0.000015
HpCDDs (total)		ND(0.00000090)	0.000020	0.0000036 J	0.000018 J	0.000030
OCDD		0.0000051 J	0.000062	0.000011 J	0.000092	0.00011
Total TEQs (WHO TEFs)		0.0000010	0.0000097	0.0000013	0.0000052	0.0000087
Inorganics						
Antimony		1.40 B	2.20 B	2.00 B	ND(6.00)	ND(6.00)
Arsenic		6.00	8.20	7.20	5.20	5.40
Barium		22.0	40.0	37.0	27.0	54.0
Beryllium		0.380 B	0.260 B	0.440 B	0.210 B	0.320 B
Cadmium		ND(0.500)	0.290 B	ND(0.500)	0.110 B	0.280 B
Chromium		7.80	7.40	8.80	9.40	6.50
Cobalt		6.50	7.20	9.00	7.00	6.40
Copper		8.90	22.0	14.0	19.0	20.0
Cyanide		0.150	0.190	0.200	0.240 B	0.190 B
Lead		10.0	91.0	37.0	30.0	110
Mercury		0.0540 B	0.210	0.200	0.320	0.110 B
Nickel		10.0	12.0	13.0	12.0	11.0
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	0.940 B	1.30
Silver		ND(1.00)	0.160 B	ND(1.00)	0.180 B	0.240 B
Sulfide		5.80 B	360	6.20 B	9.70	1100
Thallium		ND(1.20)	ND(1.20)	ND(1.30)	ND(1.20)	ND(1.20)
Tin		4.10 B	6.50 B	5.80 B	4.30 B	5.60 B
Vanadium		8.10	9.30	11.0	7.60	11.0
Zinc		33.0	83.0	60.0	48.0	100

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3B-A9-4 3-5 11/18/04	3B-A9-5 0-1 11/16/04	3B-A9-5 1-3 11/16/04	3B-A9-6 0-1 11/16/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
1,4-Dichlorobenzene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
2,4-Dinitrotoluene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
2-Methylnaphthalene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
3&4-Methylphenol	ND(0.91)	ND(0.86)	ND(0.92)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
4-Chlorobenzilate	ND(0.91)	ND(0.86)	ND(0.92)	ND(0.76)
Acenaphthene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Acenaphthylene	ND(0.45)	0.24 J	0.26 J	0.27 J
Acetophenone	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Anthracene	0.26 J	0.20 J	ND(0.46)	0.20 J
Benzidine	ND(0.91)	ND(0.86)	ND(0.92)	ND(0.76)
Benzo(a)anthracene	0.41 J	ND(0.43)	0.28 J	0.30 J
Benzo(a)pyrene	0.23 J	ND(0.43)	ND(0.46)	0.20 J
Benzo(b)fluoranthene	0.35 J	0.23 J	ND(0.46)	0.34 J
Benzo(g,h,i)perylene	ND(0.45)	ND(0.43)	ND(0.46)	0.14 J
Benzo(k)fluoranthene	0.19 J	ND(0.43)	ND(0.46)	0.13 J
bis(2-Ethylhexyl)phthalate	2.3	ND(0.42)	0.65	ND(0.38)
Butylbenzylphthalate	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Chrysene	0.25 J	ND(0.43)	0.12 J	0.19 J
Dibenzo(a,h)anthracene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Dibenzofuran	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Di-n-Butylphthalate	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Fluoranthene	0.22 J	0.16 J	0.099 J	0.28 J
Fluorene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Naphthalene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Pentachlorobenzene	ND(0.45)	ND(0.43)	ND(0.46)	ND(0.38)
Phenanthrene	0.18 J	0.089 J	ND(0.46)	0.10 J
Pyrene	0.34 J	0.16 J	0.12 J	0.38
Furans				
2,3,7,8-TCDF	0.0000048 Y	0.0000092 Y	0.0000028 Y	0.0000037 Y
TCDFs (total)	0.00012	0.000084 Q	0.000026 Q	0.000072 Q
1,2,3,7,8-PeCDF	0.0000055 J	0.0000072	ND(0.0000013) X	0.0000041 J
2,3,4,7,8-PeCDF	0.0000069	0.0000059 J	0.0000012 J	0.000020
PeCDFs (total)	0.000088	0.000057 Q	0.000013 Q	0.00018 Q
1,2,3,4,7,8-HxCDF	0.0000078	0.0000086	0.0000010 J	0.0000031 J
1,2,3,6,7,8-HxCDF	0.0000066	0.0000038 J	0.00000066 J	0.0000040 J
1,2,3,7,8,9-HxCDF	0.0000016 J	ND(0.0000020) Q	ND(0.00000066)	ND(0.0000019) Q
2,3,4,6,7,8-HxCDF	0.0000075	0.0000048 J	ND(0.00000071) X	0.0000094
HxCDFs (total)	0.000063	0.000081 Q	0.0000073	0.00012 Q
1,2,3,4,6,7,8-HpCDF	0.000026	0.000058	0.0000036 J	0.0000076
1,2,3,4,7,8,9-HpCDF	0.0000016 J	0.0000016 J	ND(0.00000066)	0.00000075 J
HpCDFs (total)	0.000034	0.00010	0.0000060 J	0.000020
OCDF	0.000011 J	0.000066	0.0000036 J	0.000014

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-4 3-5 11/18/04	3B-A9-5 0-1 11/16/04	3B-A9-5 1-3 11/16/04	3B-A9-6 0-1 11/16/04
Dioxins				
2,3,7,8-TCDD	0.00000050 J	ND(0.00000042)	ND(0.00000035)	ND(0.00000031)
TCDDs (total)	0.0000093	0.000040	ND(0.00000081)	ND(0.00000051)
1,2,3,7,8-PeCDD	0.0000016 J	ND(0.0000020) X	ND(0.00000066)	ND(0.00000053)
PeCDDs (total)	0.000022 Q	0.000046 Q	0.0000029 JQ	0.0000040 J
1,2,3,4,7,8-HxCDD	0.0000011 J	ND(0.0000019) X	ND(0.00000066)	ND(0.00000053)
1,2,3,6,7,8-HxCDD	0.0000019 J	0.0000033 J	ND(0.00000066)	0.00000093 J
1,2,3,7,8,9-HxCDD	ND(0.0000013) X	0.0000022 J	ND(0.00000066)	0.00000075 J
HxCDDs (total)	0.000023	0.000066	ND(0.0000012)	0.0000090
1,2,3,4,6,7,8-HpCDD	0.0000086	0.000058	0.0000040 J	0.000013
HpCDDs (total)	0.000017	0.00014	0.0000079	0.000027
OCDD	0.000020	0.00077	0.000047	0.00012
Total TEQs (WHO TEFs)	0.0000094	0.0000092	0.0000018	0.000013
Inorganics				
Antimony	1.50 B	ND(6.00)	1.10 B	ND(6.00)
Arsenic	12.0	7.30	11.0	6.70
Barium	470	56.0	66.0	24.0
Beryllium	0.690	0.440 B	0.520	0.260 B
Cadmium	0.400 B	0.400 B	0.270 B	0.280 B
Chromium	18.0	14.0	7.10	7.30
Cobalt	6.90	7.20	5.60	7.60
Copper	54.0	34.0	22.0	15.0
Cyanide	0.450	0.200 B	0.170 B	0.100 B
Lead	1600	95.0	70.0	55.0
Mercury	1.40	0.240	0.0880 B	0.0630 B
Nickel	15.0	14.0	11.0	13.0
Selenium	1.10	2.00	2.60	1.80
Silver	1.20	0.130 B	0.420 B	ND(1.00)
Sulfide	35.0	160	18.0	500
Thallium	ND(1.40)	ND(1.30)	ND(1.40)	ND(1.10)
Tin	8.70 B	11.0	23.0	4.00 B
Vanadium	37.0	15.0	28.0	8.30
Zinc	510	120	76.0	57.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3B-A9-6 1-3 11/16/04	3B-A9-7 0-1 11/16/04	3B-A9-7 1-3 11/16/04	3B-A9-8 0-1 11/18/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
1,4-Dichlorobenzene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
2,4-Dinitrotoluene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
2-Methylnaphthalene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
3&4-Methylphenol	ND(0.73)	ND(0.79)	ND(0.78)	ND(0.80)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
4-Chlorobenzilate	ND(0.73)	ND(0.79)	ND(0.78)	ND(0.80)
Acenaphthene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Acenaphthylene	0.26 J	0.29 J	0.42	0.22 J
Acetophenone	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Anthracene	0.21 J	0.19 J	0.20 J	ND(0.40)
Benzidine	ND(0.73)	ND(0.79)	ND(0.78)	ND(0.80)
Benzo(a)anthracene	0.45	0.29 J	0.28 J	0.24 J
Benzo(a)pyrene	0.27 J	0.14 J	0.24 J	ND(0.40)
Benzo(b)fluoranthene	0.33 J	0.30 J	0.30 J	ND(0.40)
Benzo(g,h,i)perylene	0.16 J	ND(0.39)	ND(0.39)	ND(0.40)
Benzo(k)fluoranthene	0.28 J	0.22 J	0.18 J	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.39)
Butylbenzylphthalate	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Chrysene	0.31 J	0.20 J	0.18 J	ND(0.40)
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Dibenzofuran	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Di-n-Butylphthalate	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Fluoranthene	0.56	0.22 J	0.23 J	0.10 J
Fluorene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Naphthalene	ND(0.36)	ND(0.39)	0.083 J	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Pentachlorobenzene	ND(0.36)	ND(0.39)	ND(0.39)	ND(0.40)
Phenanthrene	0.33 J	0.085 J	0.13 J	ND(0.40)
Pyrene	0.63	0.31 J	0.37 J	0.14 J
Furans				
2,3,7,8-TCDF	0.0000064 Y	0.0000099 Y	0.00000042 J	ND(0.0000012) X
TCDFs (total)	0.000069 Q	0.00011 QI	0.00000042 J	0.0000065
1,2,3,7,8-PeCDF	0.0000026 J	0.000043	0.00000057 J	0.0000015 J
2,3,4,7,8-PeCDF	0.0000078	ND(0.0000078)	ND(0.00000055)	0.0000014 J
PeCDFs (total)	0.000085	0.00018 Q	0.0000012 JQ	0.000014
1,2,3,4,7,8-HxCDF	0.0000035 J	0.000049	ND(0.00000055)	0.0000012 J
1,2,3,6,7,8-HxCDF	0.0000025 J	0.0000055 J	ND(0.00000055)	ND(0.00000063)
1,2,3,7,8,9-HxCDF	ND(0.0000014)	ND(0.0000032) Q	ND(0.00000055)	ND(0.00000066)
2,3,4,6,7,8-HxCDF	0.0000047 J	0.0000080	ND(0.00000055)	0.00000067 J
HxCDFs (total)	0.000062	0.00019 Q	0.0000014 J	0.000012
1,2,3,4,6,7,8-HpCDF	0.000010	0.000038	0.00000089 J	0.0000047 J
1,2,3,4,7,8,9-HpCDF	0.00000090 J	0.0000077	ND(0.00000055)	ND(0.00000063)
HpCDFs (total)	0.000026	0.000087	0.00000089 J	0.0000091
OCDF	0.000023	0.000032	0.0000014 J	0.0000066 J

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-6 1-3 11/16/04	3B-A9-7 0-1 11/16/04	3B-A9-7 1-3 11/16/04	3B-A9-8 0-1 11/18/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000038)	0.00000038 J	ND(0.00000029)	ND(0.00000025)
TCDDs (total)		ND(0.00000058)	0.0000020 J	ND(0.00000062)	ND(0.00000087)
1,2,3,7,8-PeCDD		ND(0.00000063) X	ND(0.0000036) X	ND(0.00000055)	ND(0.00000063)
PeCDDs (total)		0.0000027 JQ	0.0000038 J	ND(0.00000055)	ND(0.00000063)
1,2,3,4,7,8-HxCDD		ND(0.00000061)	0.0000034 J	ND(0.00000066)	ND(0.00000063)
1,2,3,6,7,8-HxCDD		0.0000016 J	ND(0.0000052) X	ND(0.00000059)	ND(0.00000063)
1,2,3,7,8,9-HxCDD		0.0000011 J	0.0000041 J	ND(0.00000064)	ND(0.00000063)
HxCDDs (total)		0.000010	0.000040	ND(0.0000010)	0.0000014 J
1,2,3,4,6,7,8-HpCDD		0.000020	0.000025	0.00000077 J	0.0000070
HpCDDs (total)		0.000041	0.000060	0.00000077 J	0.000014
OCDD		0.00020	0.00011	0.0000038 J	0.000060
Total TEQs (WHO TEFs)		0.0000069	0.000015	0.00000085	0.0000017
Inorganics					
Antimony		ND(6.00)	1.10 B	ND(6.00)	3.40 B
Arsenic		4.20	7.00	6.80	3.80
Barium		41.0	36.0	53.0	37.0
Beryllium		0.380 B	0.260 B	0.320 B	0.320 B
Cadmium		0.480 B	0.340 B	0.270 B	ND(0.500)
Chromium		5.40	8.90	7.10	9.90
Cobalt		8.70	8.70	7.30	13.0
Copper		15.0	31.0	18.0	16.0
Cyanide		0.0880 B	0.160	ND(0.230)	0.0840 B
Lead		130	80.0	38.0	14.0
Mercury		0.180	0.100 B	0.190	ND(0.120)
Nickel		13.0	15.0	13.0	25.0
Selenium		1.40	2.10	1.20	1.10
Silver		ND(1.00)	0.140 B	ND(1.00)	ND(1.00)
Sulfide		76.0	75.0	150	7.60
Thallium		ND(1.10)	ND(1.20)	ND(1.20)	ND(1.20)
Tin		4.00 B	6.80 B	4.60 B	3.70 B
Vanadium		7.30	11.0	12.0	12.0
Zinc		82.0	79.0	58.0	45.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3B-A9-8 1-3 11/18/04	3B-A9-8 3-5 11/18/04	3B-A9-9 0-1 11/16/04	3B-A9-9 1-3 11/16/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
1,4-Dichlorobenzene	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
2,4,5-Trichlorophenol	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
2,4-Dinitrotoluene	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
2-Methylnaphthalene	0.28 J	ND(0.40)	ND(0.43)	ND(0.42)
3&4-Methylphenol	ND(0.77)	ND(0.81)	ND(0.86)	ND(0.85)
4-Bromophenyl-phenylether	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
4-Chlorobenzilate	ND(0.77)	ND(0.81)	ND(0.86)	ND(0.85)
Acenaphthene	ND(0.38)	ND(0.40)	0.78	ND(0.42)
Acenaphthylene	2.2	0.36 J	0.48	ND(0.42)
Acetophenone	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
Anthracene	0.68	0.70	0.38 J	0.25 J
Benzidine	ND(0.77)	ND(0.81)	ND(0.86)	ND(0.85)
Benzo(a)anthracene	1.2	2.5	1.4	0.60
Benzo(a)pyrene	1.3	1.6	0.72	0.38 J
Benzo(b)fluoranthene	0.84	0.97	0.74	0.39 J
Benzo(g,h,i)perylene	1.3	0.47	0.19 J	ND(0.42)
Benzo(k)fluoranthene	0.98	1.4	0.63	0.32 J
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.40)	ND(0.42)	ND(0.42)
Butylbenzylphthalate	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
Chrysene	1.2	2.0	1.0	0.44
Dibenzo(a,h)anthracene	0.25 J	ND(0.40)	ND(0.43)	ND(0.42)
Dibenzofuran	0.11 J	ND(0.40)	ND(0.43)	ND(0.42)
Di-n-Butylphthalate	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
Fluoranthene	1.6	3.6	3.7	0.68
Fluorene	ND(0.38)	0.094 J	ND(0.43)	ND(0.42)
Indeno(1,2,3-cd)pyrene	0.92	0.57	0.20 J	ND(0.42)
Naphthalene	0.41	0.13 J	ND(0.43)	ND(0.42)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
Pentachlorobenzene	ND(0.38)	ND(0.40)	ND(0.43)	ND(0.42)
Phenanthrene	0.99	1.1	0.61	0.33 J
Pyrene	2.0	3.4	2.7	0.77
Furans				
2,3,7,8-TCDF	0.00000075 J	ND(0.00000075) X	0.000059 Y	0.000045 Y
TCDFs (total)	0.0000034 Q	0.00000041 J	0.0010 Q	0.00094 QI
1,2,3,7,8-PeCDF	ND(0.00000059)	ND(0.00000059)	0.00082	0.00053
2,3,4,7,8-PeCDF	ND(0.00000059)	ND(0.00000059)	ND(0.000043)	ND(0.000041)
PeCDFs (total)	0.0000047 JQ	ND(0.00000059)	0.0016 Q	0.0012 Q
1,2,3,4,7,8-HxCDF	ND(0.00000083) X	ND(0.00000059)	0.00037	0.00030
1,2,3,6,7,8-HxCDF	ND(0.00000057)	ND(0.00000059)	0.000024	0.000020
1,2,3,7,8,9-HxCDF	ND(0.00000063)	ND(0.00000059)	0.000011 Q	0.000012 Q
2,3,4,6,7,8-HxCDF	ND(0.00000057)	ND(0.00000059)	0.000023	0.000024
HxCDFs (total)	0.0000029 J	ND(0.00000059)	0.00084 Q	0.00084 Q
1,2,3,4,6,7,8-HpCDF	0.0000023 J	0.00000084 J	0.00016	0.00034
1,2,3,4,7,8,9-HpCDF	ND(0.00000057)	ND(0.00000059)	0.000031	0.000034
HpCDFs (total)	0.0000038 J	0.00000084 J	0.00039	0.00063
OCDF	0.0000027 J	ND(0.0000012)	0.00036	0.00026

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-8 1-3 11/18/04	3B-A9-8 3-5 11/18/04	3B-A9-9 0-1 11/16/04	3B-A9-9 1-3 11/16/04
Dioxins				
2,3,7,8-TCDD	ND(0.00000023)	ND(0.00000027)	0.0000012 J	0.0000014 J
TCDDs (total)	ND(0.00000062)	ND(0.00000064)	0.000010 Q	0.000023 Q
1,2,3,7,8-PeCDD	ND(0.00000057)	ND(0.00000059)	ND(0.0000095)	ND(0.000014) X
PeCDDs (total)	ND(0.00000057) Q	ND(0.0000011)	ND(0.0000095) Q	0.000046 Q
1,2,3,4,7,8-HxCDD	ND(0.00000057)	ND(0.00000059)	ND(0.0000082) X	0.000014
1,2,3,6,7,8-HxCDD	ND(0.00000057)	ND(0.00000059)	ND(0.000011) X	ND(0.000017) X
1,2,3,7,8,9-HxCDD	ND(0.00000057)	ND(0.00000059)	0.0000078	0.000012
HxCDDs (total)	ND(0.0000011)	ND(0.00000059)	0.00010	0.00019
1,2,3,4,6,7,8-HpCDD	0.0000016 J	ND(0.00000059)	0.00012	0.000080
HpCDDs (total)	0.0000030 J	ND(0.00000059)	0.00022	0.00017
OCDD	0.000010 J	0.0000039 J	0.0012	0.00046
Total TEQs (WHO TEFs)	0.00000090	0.00000085	0.00011	0.000093
Inorganics				
Antimony	2.70 B	ND(6.00)	0.950 B	ND(6.00)
Arsenic	8.00	4.00	3.10	4.00
Barium	43.0	30.0	33.0	59.0
Beryllium	0.330 B	0.280 B	0.270 B	0.310 B
Cadmium	ND(0.500)	ND(0.500)	0.360 B	0.400 B
Chromium	7.40	10.0	13.0	8.40
Cobalt	7.70	7.70	5.90	5.00 B
Copper	90.0	16.0	25.0	60.0
Cyanide	0.300	0.110 B	0.280	0.240
Lead	110	44.0	50.0	73.0
Mercury	0.0960 B	0.0550 B	0.0880 B	0.320
Nickel	15.0	13.0	11.0	10.0
Selenium	1.90	1.40	1.70	1.50
Silver	0.200 B	0.150 B	0.270 B	ND(1.00)
Sulfide	63.0	ND(6.00)	10.0	8.20
Thallium	ND(1.20)	ND(1.20)	ND(1.30)	ND(1.30)
Tin	8.50 B	5.80 B	8.40 B	17.0
Vanadium	11.0	8.70	10.0	14.0
Zinc	66.0	55.0	77.0	120

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-10 0-1 11/18/04	3B-A9-10 1-3 11/18/04	3B-A9-10 3-5 11/18/04	3B-A9-11 0-1 11/16/04
Semivolatile Organics					
1,2,4-Trichlorobenzene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
1,4-Dichlorobenzene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
2,4,5-Trichlorophenol		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
2,4-Dinitrotoluene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
2-Methylnaphthalene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.10 J
3&4-Methylphenol		ND(0.80) [ND(0.79)]	ND(0.83)	ND(0.78)	ND(0.76)
4-Bromophenyl-phenylether		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
4-Chlorobenzilate		ND(0.80) [ND(0.79)]	ND(0.83)	ND(0.78)	ND(0.76)
Acenaphthene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.13 J
Acenaphthylene		0.23 J [ND(0.39)]	0.21 J	ND(0.39)	0.72
Acetophenone		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
Anthracene		ND(0.40) [0.19 J]	ND(0.41)	ND(0.39)	0.53
Benzidine		ND(0.80) [ND(0.79)]	ND(0.83)	ND(0.78)	ND(0.76)
Benzo(a)anthracene		0.26 J [0.32 J]	0.24 J	ND(0.39)	1.7
Benzo(a)pyrene		ND(0.40) [0.19 J]	ND(0.41)	ND(0.39)	1.2
Benzo(b)fluoranthene		ND(0.40) [0.29 J]	ND(0.41)	ND(0.39)	0.79
Benzo(g,h,i)perylene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.50
Benzo(k)fluoranthene		ND(0.40) [0.11 J]	ND(0.41)	ND(0.39)	0.81
bis(2-Ethylhexyl)phthalate		ND(0.39) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.37)
Butylbenzylphthalate		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.48
Chrysene		0.12 J [0.21 J]	ND(0.41)	ND(0.39)	1.4
Dibenzo(a,h)anthracene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.10 J
Dibenzofuran		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.10 J
Di-n-Butylphthalate		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
Fluoranthene		0.14 J [0.28 J]	ND(0.41)	ND(0.39)	2.7
Fluorene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.14 J
Indeno(1,2,3-cd)pyrene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.39
Naphthalene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.18 J
o,o,o-Triethylphosphorothioate		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	ND(0.38)
Pentachlorobenzene		ND(0.40) [ND(0.39)]	ND(0.41)	ND(0.39)	0.64
Phenanthrene		ND(0.40) [0.12 J]	ND(0.41)	ND(0.39)	1.2
Pyrene		0.17 J [0.34 J]	ND(0.41)	ND(0.39)	2.2
Furans					
2,3,7,8-TCDF		0.0000020 J [0.0000014 J]	0.0000023 YJ	ND(0.00000022)	0.000087 Y
TCDFs (total)		0.000016 [0.000015]	0.000034	0.00000071 J	0.0022 Q
1,2,3,7,8-PeCDF		0.0000023 J [ND(0.0000025) X]	0.000016	0.0000010 J	0.0011
2,3,4,7,8-PeCDF		0.0000019 J [0.0000017 J]	ND(0.0000022)	ND(0.00000055)	0.000076
PeCDFs (total)		0.000018 [0.000018]	0.000055	0.0000032 J	0.0022 Q
1,2,3,4,7,8-HxCDF		0.0000019 J [0.0000025 J]	0.0000084	ND(0.00000055)	0.00015
1,2,3,6,7,8-HxCDF		0.00000073 J [0.00000073 J]	0.00000091 J	ND(0.00000055)	0.000043
1,2,3,7,8,9-HxCDF		ND(0.00000067) [ND(0.00000056)]	ND(0.00000066)	ND(0.00000055)	ND(0.000018) Q
2,3,4,6,7,8-HxCDF		0.00000096 J [0.00000092 J]	0.0000010 J	ND(0.00000055)	0.000035
HxCDFs (total)		0.000017 [0.000017]	0.000028	0.00000056 J	0.0011 Q
1,2,3,4,6,7,8-HpCDF		0.0000053 J [0.0000049 J]	0.0000056 J	ND(0.00000055)	0.00024
1,2,3,4,7,8,9-HpCDF		ND(0.00000057) [ND(0.00000056)]	0.00000074 J	ND(0.00000055)	0.000062
HpCDFs (total)		0.000011 [0.000010]	0.000011	ND(0.00000055)	0.00056
OCDF		0.0000090 J [0.0000068 J]	0.0000058 J	ND(0.0000011)	0.00066

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-10 0-1 11/18/04	3B-A9-10 1-3 11/18/04	3B-A9-10 3-5 11/18/04	3B-A9-11 0-1 11/16/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000028) [ND(0.00000022)]	ND(0.00000025)	ND(0.00000022)	0.0000011 J
TCDDs (total)		ND(0.00000072) [ND(0.00000067)]	ND(0.00000071)	ND(0.00000067)	0.0000097 Q
1,2,3,7,8-PeCDD		ND(0.00000057) [ND(0.00000056)]	ND(0.00000062)	ND(0.00000055)	ND(0.000011)
PeCDDs (total)		0.00000069 J [ND(0.00000056)]	0.0000015 J	ND(0.00000055)	0.000013 Q
1,2,3,4,7,8-HxCDD		ND(0.00000057) [ND(0.00000056)]	ND(0.00000062)	ND(0.00000055)	0.0000047 J
1,2,3,6,7,8-HxCDD		ND(0.00000057) [ND(0.00000056)]	ND(0.00000062)	ND(0.00000055)	ND(0.0000085) X
1,2,3,7,8,9-HxCDD		ND(0.00000057) [ND(0.00000056)]	ND(0.00000062)	ND(0.00000055)	0.0000054 J
HxCDDs (total)		0.0000018 J [0.0000012 J]	0.0000031 J	ND(0.00000086)	0.000048
1,2,3,4,6,7,8-HpCDD		0.0000088 [0.0000080]	0.0000037 J	ND(0.00000055)	0.000082
HpCDDs (total)		0.000017 [0.000016]	0.0000069	ND(0.00000055)	0.00015
OCDD		0.000077 [0.000067]	0.000026	0.0000021 J	0.00075
Total TEQs (WHO TEFs)		0.0000023 [0.0000021]	0.0000033	0.00000078	0.00014
Inorganics					
Antimony		ND(6.00) [ND(6.00)]	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.20 [4.70]	3.40	5.00	2.10
Barium		44.0 [42.0]	28.0	18.0 B	22.0
Beryllium		0.340 B [0.320 B]	0.320 B	0.440 B	0.220 B
Cadmium		0.0910 B [0.0810 B]	ND(0.500)	ND(0.500)	0.240 B
Chromium		12.0 [9.70]	7.70	9.30	8.90
Cobalt		8.80 [8.40]	6.00	9.40	5.50
Copper		16.0 [17.0]	6.60	9.70	23.0
Cyanide		0.0880 B [0.100 B]	0.0660 B	ND(0.120)	0.160
Lead		17.0 [22.0]	8.10	8.50	39.0
Mercury		0.0150 B [0.0170 B]	ND(0.120)	ND(0.120)	0.190
Nickel		15.0 [14.0]	11.0	16.0	9.60
Selenium		1.40 [1.20]	0.980 B	1.20	1.60
Silver		0.140 B [ND(1.00)]	ND(1.00)	ND(1.00)	0.200 B
Sulfide		23.0 [100]	7.90	7.50	7.20
Thallium		ND(1.20) [ND(1.20)]	ND(1.20)	ND(1.20)	ND(1.10)
Tin		4.00 B [4.30 B]	4.90 B	3.40 B	9.60 B
Vanadium		14.0 [11.0]	10.0	8.80	7.50
Zinc		52.0 [46.0]	32.0	32.0	65.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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-A9-11	3B-A9-12	3B-A9-12	3B-A9-13
Sample Depth (Feet):	1-3	0-1	1-3	0-1
Date Collected:	11/16/04	11/16/04	11/16/04	11/17/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
1,4-Dichlorobenzene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
2,4-Dinitrotoluene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
2-Methylnaphthalene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
3&4-Methylphenol	ND(0.75) [ND(0.75)]	ND(0.80)	ND(0.75)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
4-Chlorobenzilate	ND(0.75) [ND(0.75)]	ND(0.80)	ND(0.75)	ND(0.76)
Acenaphthene	0.85 [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Acenaphthylene	0.48 [0.40]	ND(0.40)	ND(0.37)	0.26 J
Acetophenone	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Anthracene	0.47 [0.29 J]	ND(0.40)	ND(0.37)	0.19 J
Benzidine	ND(0.75) [ND(0.75)]	ND(0.80)	ND(0.75)	ND(0.76)
Benzo(a)anthracene	1.6 [1.2]	ND(0.40)	ND(0.37)	0.36 J
Benzo(a)pyrene	1.0 [0.69]	ND(0.40)	ND(0.37)	0.17 J
Benzo(b)fluoranthene	0.68 [0.55]	ND(0.40)	ND(0.37)	0.26 J
Benzo(g,h,i)perylene	0.43 [0.26 J]	ND(0.40)	ND(0.37)	ND(0.38)
Benzo(k)fluoranthene	0.82 [0.60]	ND(0.40)	ND(0.37)	0.13 J
bis(2-Ethylhexyl)phthalate	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Butylbenzylphthalate	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Chrysene	1.2 [0.89]	ND(0.40)	ND(0.37)	0.18 J
Dibenzo(a,h)anthracene	ND(0.37) [0.079 J]	ND(0.40)	ND(0.37)	ND(0.38)
Dibenzofuran	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Di-n-Butylphthalate	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Fluoranthene	2.3 [1.5]	ND(0.40)	ND(0.37)	0.31 J
Fluorene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.34 J [0.26 J]	ND(0.40)	ND(0.37)	ND(0.38)
Naphthalene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Pentachlorobenzene	ND(0.37) [ND(0.37)]	ND(0.40)	ND(0.37)	ND(0.38)
Phenanthrene	0.68 [0.43]	ND(0.40)	ND(0.37)	0.086 J
Pyrene	1.6 [1.2]	ND(0.40)	ND(0.37)	0.33 J
Furans				
2,3,7,8-TCDF	0.000036 Y [0.000028 Y]	0.00000053 YJ	ND(0.00000056) X	0.0000085 Y
TCDFs (total)	0.00035 Q [0.00026 QI]	0.0000051	0.0000058	0.00021 Q
1,2,3,7,8-PeCDF	0.00015 [0.000055]	0.0000033 J	0.000012	0.000078
2,3,4,7,8-PeCDF	0.000032 [0.000025]	0.00000077 J	ND(0.00000054)	0.000011
PeCDFs (total)	0.00043 Q [0.00030 Q]	0.000011	0.000032	0.00033 Q
1,2,3,4,7,8-HxCDF	0.00010 [0.000059]	ND(0.0000013) X	0.0000034 J	0.000058
1,2,3,6,7,8-HxCDF	0.000012 [0.000011]	ND(0.00000056)	ND(0.00000055)	0.000010
1,2,3,7,8,9-HxCDF	ND(0.0000054) Q [0.0000055 JQ]	ND(0.00000063)	ND(0.00000074)	0.0000068 Q
2,3,4,6,7,8-HxCDF	0.000012 [0.0000095]	ND(0.00000056)	ND(0.00000062)	0.000016
HxCDFs (total)	0.00024 Q [0.00022 Q]	0.0000044 J	0.0000070	0.00033 Q
1,2,3,4,6,7,8-HpCDF	0.000053 [0.000048]	0.0000019 J	0.00000089 J	0.00011
1,2,3,4,7,8,9-HpCDF	0.000014 [0.000014]	ND(0.00000056)	ND(0.00000054)	0.000021
HpCDFs (total)	0.00012 [0.00012]	0.0000041 J	0.0000016 J	0.00025
OCDF	0.00012 [0.00012]	0.0000032 J	ND(0.0000011)	0.00013

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-11 / 1-3 / 11/16/04	3B-A9-12 / 0-1 / 11/16/04	3B-A9-12 / 1-3 / 11/16/04	3B-A9-13 / 0-1 / 11/17/04
Dioxins					
2,3,7,8-TCDD		0.00000071 J [ND(0.00000045) X]	ND(0.00000022)	ND(0.00000032)	ND(0.00000063) X
TCDDs (total)		0.0000022 [0.00000083 JQ]	ND(0.00000071)	ND(0.00000032)	0.0000057
1,2,3,7,8-PeCDD		ND(0.0000018) X [ND(0.0000020) X]	ND(0.00000056)	ND(0.00000054)	ND(0.0000068) X
PeCDDs (total)		0.0000026 JQ [0.0000024 JQ]	ND(0.0000011)	ND(0.00000054)	0.000038 Q
1,2,3,4,7,8-HxCDD		ND(0.0000014) [ND(0.0000014) X]	ND(0.00000056)	ND(0.00000054)	0.0000058
1,2,3,6,7,8-HxCDD		ND(0.0000023) X [ND(0.0000027) X]	ND(0.00000056)	ND(0.00000054)	0.0000066
1,2,3,7,8,9-HxCDD		0.0000016 J [ND(0.0000020) X]	ND(0.00000056)	ND(0.00000054)	0.0000058
HxCDDs (total)		0.000024 [0.000013]	ND(0.00000056)	ND(0.0000011)	0.00010
1,2,3,4,6,7,8-HpCDD		0.000023 [0.000023]	0.0000056	0.00000064 J	0.000054
HpCDDs (total)		0.000045 [0.000043]	0.000011	0.0000013 J	0.00011
OCDD		0.00019 [0.00018]	0.000047	0.0000051 J	0.00039
Total TEQs (WHO TEFs)		0.000043 [0.000029]	0.0000013	0.0000017	0.000027
Inorganics					
Antimony		0.810 B [ND(6.00)]	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.00 [4.40]	4.10	1.60	3.10
Barium		24.0 [28.0]	47.0	25.0	30.0
Beryllium		0.250 B [0.250 B]	0.430 B	0.270 B	0.260 B
Cadmium		0.190 B [0.220 B]	0.260 B	0.110 B	0.0910 B
Chromium		7.70 [8.60]	12.0	4.90	9.50
Cobalt		6.80 [6.90]	10.0	4.80 B	6.60
Copper		22.0 [24.0]	18.0	6.20	17.0
Cyanide		0.120 [0.120]	0.0870 B	ND(0.110)	0.0630 B
Lead		24.0 [27.0]	11.0	4.50	23.0
Mercury		0.0430 B [0.0480 B]	ND(0.120)	ND(0.110)	0.0230 B
Nickel		11.0 [12.0]	17.0	7.80	11.0
Selenium		1.50 [1.40]	1.60	1.20	0.790 B
Silver		ND(1.00) [0.140 B]	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		96.0 [29.0]	9.60	ND(5.60)	5.50 B
Thallium		ND(1.10) [ND(1.10)]	ND(1.20)	ND(1.10)	ND(1.10)
Tin		4.60 B [6.50 B]	3.70 B	3.20 B	8.50 B
Vanadium		6.80 [7.40]	15.0	5.40	9.20
Zinc		51.0 [55.0]	48.0	23.0	50.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3B-A9-13	3B-A9-13	3B-A9-14	3B-A9-14	3B-A9-14
Sample Depth (Feet):	1-3	3-5	0-1	1-3	3-5
Parameter / Date Collected:	11/17/04	11/17/04	11/17/04	11/17/04	11/17/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
1,4-Dichlorobenzene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
2,4-Dinitrotoluene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
2-Methylnaphthalene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
3&4-Methylphenol	ND(0.74)	ND(0.74)	ND(0.87)	ND(0.70)	ND(0.72)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
4-Chlorobenzilate	ND(0.74)	ND(0.74)	ND(0.87)	ND(0.70)	ND(0.72)
Acenaphthene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Acenaphthylene	ND(0.37)	ND(0.37)	0.41 J	0.23 J	ND(0.36)
Acetophenone	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Anthracene	ND(0.37)	ND(0.37)	0.24 J	ND(0.35)	ND(0.36)
Benzidine	ND(0.74)	ND(0.74)	ND(0.87)	ND(0.70)	ND(0.72)
Benzo(a)anthracene	ND(0.37)	ND(0.37)	0.46	0.18 J	ND(0.36)
Benzo(a)pyrene	ND(0.37)	ND(0.37)	0.75	ND(0.35)	ND(0.36)
Benzo(b)fluoranthene	ND(0.37)	ND(0.37)	0.62	ND(0.35)	ND(0.36)
Benzo(g,h,i)perylene	ND(0.37)	ND(0.37)	0.38 J	ND(0.35)	ND(0.36)
Benzo(k)fluoranthene	ND(0.37)	ND(0.37)	0.55	ND(0.35)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.36)	ND(0.43)	ND(0.35)	ND(0.36)
Butylbenzylphthalate	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Chrysene	ND(0.37)	ND(0.37)	0.34 J	ND(0.35)	ND(0.36)
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.37)	0.13 J	ND(0.35)	ND(0.36)
Dibenzofuran	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Di-n-Butylphthalate	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Fluoranthene	ND(0.37)	ND(0.37)	0.48	ND(0.35)	ND(0.36)
Fluorene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.37)	0.33 J	ND(0.35)	ND(0.36)
Naphthalene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Pentachlorobenzene	ND(0.37)	ND(0.37)	ND(0.43)	ND(0.35)	ND(0.36)
Phenanthrene	ND(0.37)	ND(0.37)	0.15 J	ND(0.35)	ND(0.36)
Pyrene	ND(0.37)	ND(0.37)	0.50	ND(0.35)	ND(0.36)
Furans					
2,3,7,8-TCDF	0.00000030 J	ND(0.00000021)	0.000015 Y	0.0000019 J	ND(0.00000030) X
TCDFs (total)	0.00000030 J	ND(0.00000021)	0.00035 QI	0.000030	0.00000029 J
1,2,3,7,8-PeCDF	ND(0.00000053)	ND(0.00000048)	0.00019	0.000019	0.0000016 J
2,3,4,7,8-PeCDF	ND(0.00000053)	ND(0.00000048)	0.000011	ND(0.0000014)	ND(0.00000053)
PeCDFs (total)	0.000014	ND(0.00000048)	0.00040 Q	0.000060	0.0000023 J
1,2,3,4,7,8-HxCDF	0.00000070 J	ND(0.00000048)	0.000091	0.0000085	ND(0.00000053)
1,2,3,6,7,8-HxCDF	ND(0.00000053)	ND(0.00000048)	0.0000098	0.0000015 J	ND(0.00000053)
1,2,3,7,8,9-HxCDF	ND(0.00000053)	ND(0.00000048)	0.0000045 JQ	ND(0.00000076)	ND(0.00000053)
2,3,4,6,7,8-HxCDF	ND(0.00000053)	ND(0.00000048)	0.000021	0.0000024 J	ND(0.00000053)
HxCDFs (total)	0.0000066	ND(0.00000048)	0.00042 Q	0.000047	ND(0.00000053)
1,2,3,4,6,7,8-HpCDF	0.0000016 J	ND(0.00000048)	0.00011	0.000013	ND(0.00000053)
1,2,3,4,7,8,9-HpCDF	ND(0.00000053)	ND(0.00000048)	0.0000093	0.00000099 J	ND(0.00000053)
HpCDFs (total)	0.0000030 J	ND(0.00000048)	0.00021	0.000024	ND(0.00000053)
OCDF	0.0000013 J	ND(0.00000096)	0.000071	0.0000072 J	ND(0.0000011)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-13 1-3 11/17/04	3B-A9-13 3-5 11/17/04	3B-A9-14 0-1 11/17/04	3B-A9-14 1-3 11/17/04	3B-A9-14 3-5 11/17/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000026)	ND(0.00000025)	0.00000054 J	ND(0.00000027)	ND(0.00000021)
TCDDs (total)		ND(0.00000042)	ND(0.00000038)	0.0000081	ND(0.00000054)	ND(0.00000073)
1,2,3,7,8-PeCDD		ND(0.00000053)	ND(0.00000048)	ND(0.0000043) X	ND(0.00000086) X	ND(0.00000053)
PeCDDs (total)		ND(0.00000065)	ND(0.00000060)	0.000031 Q	0.0000014 J	ND(0.00000053)
1,2,3,4,7,8-HxCDD		ND(0.00000053)	ND(0.00000048)	ND(0.0000046) X	ND(0.00000075)	ND(0.00000053)
1,2,3,6,7,8-HxCDD		ND(0.00000053)	ND(0.00000048)	0.0000055 J	ND(0.00000067)	ND(0.00000053)
1,2,3,7,8,9-HxCDD		ND(0.00000053)	ND(0.00000048)	0.0000047 J	ND(0.00000072)	ND(0.00000053)
HxCDDs (total)		ND(0.00000070)	ND(0.00000060)	0.000079	0.0000040 J	ND(0.00000095)
1,2,3,4,6,7,8-HpCDD		0.00000083 J	0.00000050 J	0.000051	0.0000041 J	ND(0.00000053)
HpCDDs (total)		0.0000016 J	0.00000050 J	0.00010	0.0000082	ND(0.00000053)
OCDD		0.0000068 J	0.0000026 J	0.00036	0.000024	0.0000018 J
Total TEQs (WHO TEFs)		0.00000083	0.00000069	0.000035	0.0000036	0.00000079
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		1.90	2.20	16.0	7.30	5.20
Barium		19.0 B	18.0 B	90.0	98.0	17.0 B
Beryllium		0.230 B	0.170 B	0.230 B	0.220 B	0.150 B
Cadmium		ND(0.500)	ND(0.500)	0.420 B	ND(0.500)	ND(0.500)
Chromium		6.00	4.80	15.0	8.10	7.10
Cobalt		6.20	5.80	6.80	11.0	5.90
Copper		6.30	8.80	39.0	22.0	14.0
Cyanide		0.0340 B	ND(0.110)	0.190	0.0340 B	ND(0.220)
Lead		4.00	4.00	180	24.0	6.40
Mercury		ND(0.110)	ND(0.110)	0.110 B	ND(0.100)	ND(0.110)
Nickel		10.0	9.50	14.0	20.0	11.0
Selenium		0.970 B	0.750 B	1.20	1.30	0.920 B
Silver		0.130 B	ND(1.00)	0.290 B	0.190 B	0.190 B
Sulfide		5.30 B	5.30 B	8.30	5.00 B	6.90
Thallium		ND(1.10)	ND(1.10)	ND(1.30)	ND(1.00)	ND(1.10)
Tin		3.30 B	3.30 B	8.40 B	3.90 B	3.30 B
Vanadium		5.40	4.00 B	10.0	6.50	4.80 B
Zinc		28.0	24.0	140	58.0	30.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-15 0-1 11/16/04	3B-A9-15 1-3 11/16/04	3B-A9-16 0-1 11/16/04	3B-A9-16 1-3 11/16/04	3C-A9-1 0-1 12/02/04
Semivolatile Organics						
1,2,4-Trichlorobenzene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
1,4-Dichlorobenzene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
2,4,5-Trichlorophenol		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
2,4-Dinitrotoluene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
2-Methylnaphthalene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
3&4-Methylphenol		ND(0.80)	ND(0.76)	ND(0.87)	ND(0.74)	ND(1.0)
4-Bromophenyl-phenylether		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
4-Chlorobenzilate		ND(0.80)	ND(0.76)	ND(0.87)	ND(0.74)	ND(1.0)
Acenaphthene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Acenaphthylene		0.89	0.23 J	ND(0.43)	ND(0.36)	2.4
Acetophenone		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Anthracene		0.33 J	0.17 J	ND(0.43)	ND(0.36)	0.90
Benzidine		ND(0.80)	ND(0.76)	ND(0.87)	ND(0.74)	ND(1.0)
Benzo(a)anthracene		1.4	0.23 J	0.31 J	ND(0.36)	3.3
Benzo(a)pyrene		1.2	0.12 J	ND(0.43)	ND(0.36)	5.1
Benzo(b)fluoranthene		0.80	0.27 J	ND(0.43)	ND(0.36)	2.9
Benzo(g,h,i)perylene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	3.4
Benzo(k)fluoranthene		0.96	ND(0.38)	ND(0.43)	ND(0.36)	3.6
bis(2-Ethylhexyl)phthalate		ND(0.40)	ND(0.37)	ND(0.43)	ND(0.36)	ND(0.50)
Butylbenzylphthalate		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Chrysene		1.2	0.13 J	0.19 J	ND(0.36)	3.6
Dibenzo(a,h)anthracene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	0.80
Dibenzofuran		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Di-n-Butylphthalate		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Fluoranthene		1.5	0.19 J	0.26 J	ND(0.36)	4.5
Fluorene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Indeno(1,2,3-cd)pyrene		0.53	ND(0.38)	ND(0.43)	ND(0.36)	2.5
Naphthalene		0.15 J	ND(0.38)	ND(0.43)	ND(0.36)	0.22 J
o,o,o-Triethylphosphorothioate		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Pentachlorobenzene		ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.51)
Phenanthrene		0.48	0.078 J	0.12 J	ND(0.36)	1.3
Pyrene		1.7	0.21 J	0.36 J	ND(0.36)	4.7
Furans						
2,3,7,8-TCDF		0.000040 Y	0.0000021 YJ	0.0000046 Y	ND(0.00000049) X	0.00014 Y
TCDFs (total)		0.00052 QI	0.000059	0.000055	0.00000038 J	0.00069
1,2,3,7,8-PeCDF		0.00031 Q	0.000045	0.000014	ND(0.00000051)	0.00010
2,3,4,7,8-PeCDF		ND(0.000041) Q	0.0000016 J	0.0000034 J	0.00000055 J	0.000079
PeCDFs (total)		0.00058 Q	0.000094 Q	0.000062 Q	0.0000020 J	0.00082
1,2,3,4,7,8-HxCDF		0.000035	0.000011	0.0000057 J	0.0000012 J	0.00014 I
1,2,3,6,7,8-HxCDF		0.000013	0.0000010 J	0.0000016 J	0.00000089 J	0.000071 I
1,2,3,7,8,9-HxCDF		ND(0.0000042) Q	ND(0.00000092)	ND(0.00000074)	ND(0.00000088)	0.0000071 J
2,3,4,6,7,8-HxCDF		0.000020	0.0000013 J	0.0000023 J	ND(0.00000074)	0.000028
HxCDFs (total)		0.00055 Q	0.000031	0.000029	0.0000037 J	0.00077
1,2,3,4,6,7,8-HpCDF		0.000081	0.0000054 J	0.0000076	0.0000012 J	0.00044
1,2,3,4,7,8,9-HpCDF		0.000011	0.00000054 J	0.00000068 J	ND(0.00000051)	0.000045
HpCDFs (total)		0.00018	0.000010	0.000016	0.0000012 J	0.00092
OCDF		0.00013	0.0000068 J	0.0000098 J	ND(0.0000010)	0.00035

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3B-A9-15 0-1 11/16/04	3B-A9-15 1-3 11/16/04	3B-A9-16 0-1 11/16/04	3B-A9-16 1-3 11/16/04	3C-A9-1 0-1 12/02/04
Dioxins						
2,3,7,8-TCDD		0.00000066 J	ND(0.00000035)	ND(0.00000042)	ND(0.00000031)	0.0000029
TCDDs (total)		0.000013 Q	ND(0.00000058)	ND(0.00000069)	ND(0.00000051)	0.000012
1,2,3,7,8-PeCDD		0.0000031 JQ	ND(0.00000054)	ND(0.00000069) X	ND(0.00000051)	ND(0.0000060)
PeCDDs (total)		0.0000066 Q	ND(0.00000054)	ND(0.00000062)	ND(0.00000090)	ND(0.000025)
1,2,3,4,7,8-HxCDD		ND(0.0000029) X	ND(0.00000088)	ND(0.00000078)	ND(0.00000075)	0.0000078
1,2,3,6,7,8-HxCDD		ND(0.0000045) X	ND(0.00000078)	ND(0.0000010) X	ND(0.00000067)	0.000013
1,2,3,7,8,9-HxCDD		ND(0.0000039) X	ND(0.00000085)	ND(0.00000081) X	ND(0.00000072)	0.0000094
HxCDDs (total)		0.000031	0.0000011 J	0.0000020 J	ND(0.00000092)	0.00014
1,2,3,4,6,7,8-HpCDD		0.000054	0.0000039 J	0.000012	0.00000093 J	0.00023
HpCDDs (total)		0.00024	0.000013	0.000023	0.00000093 J	0.00043
OCDD		0.00055	0.000034	0.000087	0.0000034 J	0.0017
Total TEQs (WHO TEFs)		0.000043	0.0000053	0.0000048	0.0000011	0.000099
Inorganics						
Antimony		1.70 B	1.30 B	1.10 B	ND(6.00)	ND(6.00)
Arsenic		8.30	6.40	8.30	5.90	15.0
Barium		100	46.0	66.0	35.0	51.0
Beryllium		0.320 B	0.300 B	0.470 B	0.250 B	0.150 B
Cadmium		0.640	0.230 B	0.240 B	0.140 B	0.880
Chromium		12.0	9.20	7.70	11.0	19.0
Cobalt		6.40	8.90	7.40	11.0	6.60
Copper		53.0	22.0	33.0	20.0	41.0
Cyanide		0.310	0.120	0.230	0.0680 B	0.840
Lead		200	66.0	170	18.0	160
Mercury		0.270	0.0360 B	0.0640 B	ND(0.110)	4.30
Nickel		12.0	15.0	14.0	19.0	13.0
Selenium		2.00	2.10	1.80	2.40	7.40
Silver		0.610 B	ND(1.00)	ND(1.00)	0.160 B	0.210 B
Sulfide		ND(6.00)	ND(5.60)	ND(6.50)	ND(5.50)	7.30 B
Thallium		ND(1.20)	ND(1.10)	ND(1.30)	ND(1.10)	ND(1.50)
Tin		14.0	5.40 B	9.60 B	6.60 B	15.0
Vanadium		11.0	9.90	25.0	10.0	12.0
Zinc		220	90.0	84.0	56.0	240

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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	Sample Depth (Feet)	Date Collected	3C-A9-1	3C-A9-1	3C-A9-2	3C-A9-2	3C-A9-3
			1-3	3-5	0-1	1-3	0-1
			12/02/04	12/02/04	11/30/04	11/30/04	11/30/04
Semivolatile Organics							
1,2,4-Trichlorobenzene			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
1,4-Dichlorobenzene			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
2,4,5-Trichlorophenol			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
2,4-Dinitrotoluene			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
2-Methylnaphthalene			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
3&4-Methylphenol			ND(0.80)	ND(0.87)	ND(0.84)	ND(0.78)	ND(0.75)
4-Bromophenyl-phenylether			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
4-Chlorobenzilate			ND(0.80)	ND(0.87)	ND(0.84)	ND(0.78)	ND(0.75)
Acenaphthene			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Acenaphthylene			0.79	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Acetophenone			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Anthracene			0.68	ND(0.43)	ND(0.42)	ND(0.38)	0.17 J
Benzidine			ND(0.80)	ND(0.87)	ND(0.84)	ND(0.78)	ND(0.75)
Benzo(a)anthracene			2.5	ND(0.43)	0.22 J	ND(0.38)	0.25 J
Benzo(a)pyrene			2.2	ND(0.43)	ND(0.42)	ND(0.38)	0.12 J
Benzo(b)fluoranthene			1.2	ND(0.43)	ND(0.42)	ND(0.38)	0.29 J
Benzo(g,h,i)perylene			0.92	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Benzo(k)fluoranthene			1.6	ND(0.43)	ND(0.42)	ND(0.38)	0.12 J
bis(2-Ethylhexyl)phthalate			ND(0.39)	ND(0.43)	ND(0.41)	ND(0.38)	4.8
Butylbenzylphthalate			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Chrysene			2.2	ND(0.43)	ND(0.42)	ND(0.38)	0.22 J
Dibenzo(a,h)anthracene			0.16 J	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Dibenzofuran			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Di-n-Butylphthalate			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Fluoranthene			4.4	ND(0.43)	ND(0.42)	ND(0.38)	0.30 J
Fluorene			0.10 J	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Indeno(1,2,3-cd)pyrene			0.75	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Naphthalene			0.16 J	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
o,o,o-Triethylphosphorothioate			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Pentachlorobenzene			ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	ND(0.37)
Phenanthrene			1.1	ND(0.43)	ND(0.42)	ND(0.38)	0.10 J
Pyrene			3.6	ND(0.43)	0.14 J	ND(0.38)	0.40
Furans							
2,3,7,8-TCDF			0.0000031 Y	ND(0.00000041)	0.0000010 YJ	ND(0.00000025)	0.0000019 Y
TCDFs (total)			0.0000060	ND(0.00000041)	0.0000046	ND(0.00000029)	0.000011
1,2,3,7,8-PeCDF			ND(0.00000093)	ND(0.00000042)	ND(0.00000056)	ND(0.00000044)	ND(0.00000087)
2,3,4,7,8-PeCDF			ND(0.0000010)	ND(0.00000041)	ND(0.00000082)	ND(0.00000043)	ND(0.0000012)
PeCDFs (total)			0.0000033	ND(0.00000043)	0.0000041	ND(0.00000044)	0.000013
1,2,3,4,7,8-HxCDF			ND(0.0000018)	ND(0.00000045)	ND(0.0000011)	ND(0.00000067)	0.0000035 J
1,2,3,6,7,8-HxCDF			ND(0.00000094)	ND(0.00000043)	ND(0.00000093)	ND(0.00000063)	ND(0.0000026)
1,2,3,7,8,9-HxCDF			ND(0.00000026)	ND(0.00000050)	ND(0.0000012)	ND(0.00000079)	ND(0.0000010)
2,3,4,6,7,8-HxCDF			ND(0.00000062)	ND(0.00000047)	ND(0.0000010)	ND(0.00000070)	ND(0.0000011)
HxCDFs (total)			ND(0.0000025)	ND(0.00000050)	0.0000090	ND(0.00000079)	0.000026
1,2,3,4,6,7,8-HpCDF			0.0000056 J	ND(0.00000021)	0.0000047 J	ND(0.0000012)	0.000021
1,2,3,4,7,8,9-HpCDF			ND(0.00000047)	ND(0.00000024)	ND(0.00000060)	ND(0.00000049)	ND(0.0000019)
HpCDFs (total)			0.0000098	ND(0.00000024)	0.0000093	ND(0.0000012)	0.000040
OCDF			ND(0.0000037)	ND(0.00000054)	0.0000081 J	ND(0.00000096)	0.000014

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-1 1-3 12/02/04	3C-A9-1 3-5 12/02/04	3C-A9-2 0-1 11/30/04	3C-A9-2 1-3 11/30/04	3C-A9-3 0-1 11/30/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000026)	ND(0.00000027)	ND(0.00000041)	ND(0.00000032)	ND(0.00000044)
TCDDs (total)		ND(0.00000039)	ND(0.00000027)	ND(0.00000041)	ND(0.00000032)	ND(0.00000052)
1,2,3,7,8-PeCDD		ND(0.00000048)	ND(0.00000068)	ND(0.00000072)	ND(0.00000061)	ND(0.00000069)
PeCDDs (total)		ND(0.00000048)	ND(0.00000068)	ND(0.00000072)	ND(0.00000061)	ND(0.0000017)
1,2,3,4,7,8-HxCDD		ND(0.00000041)	ND(0.00000058)	ND(0.00000082)	ND(0.00000066)	ND(0.00000080)
1,2,3,6,7,8-HxCDD		ND(0.00000036)	ND(0.00000050)	ND(0.00000073)	ND(0.00000060)	ND(0.00000093)
1,2,3,7,8,9-HxCDD		ND(0.00000036)	ND(0.00000051)	ND(0.00000083)	ND(0.00000061)	ND(0.0000011)
HxCDDs (total)		ND(0.00000061)	ND(0.00000058)	ND(0.0000011)	ND(0.00000066)	0.0000080
1,2,3,4,6,7,8-HpCDD		0.0000035 J	ND(0.00000037)	0.0000097	ND(0.00000060)	0.000012
HpCDDs (total)		0.0000035	ND(0.00000037)	0.000018	ND(0.00000075)	0.000024
OCDD		0.000027	ND(0.0000028)	0.000070	ND(0.0000055)	0.000099
Total TEQs (WHO TEFs)		0.0000013	0.00000078	0.0000014	0.00000084	0.0000022
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		3.60	1.80	5.70	1.70	3.70
Barium		24.0	28.0	60.0	17.0 B	21.0
Beryllium		0.100 B	0.140 B	0.500	0.180 B	0.200 B
Cadmium		ND(0.500)	ND(0.500)	0.280 B	0.120 B	0.170 B
Chromium		9.50	7.20	17.0	5.60	5.60
Cobalt		5.70	6.50	14.0	5.60	6.50
Copper		16.0	8.20	24.0	7.60	11.0
Cyanide		0.200	0.0440 B	0.0960 B	ND(0.120)	0.0380 B
Lead		21.0	5.40	14.0	3.70	9.70
Mercury		0.200	ND(0.130)	0.0260 B	ND(0.120)	ND(0.110)
Nickel		9.20	11.0	22.0	9.90	12.0
Selenium		0.640 B	1.70	3.00	0.990 B	1.80
Silver		ND(1.00)	0.260 B	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		86.0	ND(6.50)	6.00 B	7.40	7.10
Thallium		ND(1.20)	ND(1.30)	ND(1.20)	ND(1.20)	ND(1.10)
Tin		6.80 B	4.50 B	4.10 B	3.60 B	3.50 B
Vanadium		5.70	7.40	21.0	5.60	5.90
Zinc		56.0	40.0	63.0	32.0	35.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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:	3C-A9-3	3C-A9-4	3C-A9-4	3C-A9-5	3C-A9-6
Sample Depth (Feet):	1-3	0-1	1-2	0-1	0-1
Date Collected:	11/30/04	11/30/04	11/30/04	11/30/04	12/02/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
1,4-Dichlorobenzene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
2,4-Dinitrotoluene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
2-Methylnaphthalene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
3&4-Methylphenol	ND(0.72)	ND(0.75)	ND(0.74)	ND(0.74)	ND(0.79)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
4-Chlorobenzilate	ND(0.72)	ND(0.75)	ND(0.74)	ND(0.74)	ND(0.79)
Acenaphthene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Acenaphthylene	ND(0.36)	0.24 J	ND(0.37)	0.21 J	0.32 J
Acetophenone	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Anthracene	ND(0.36)	0.18 J	ND(0.37)	ND(0.37)	0.20 J
Benzidine	ND(0.72)	ND(0.75)	ND(0.74)	ND(0.74)	ND(0.79)
Benzo(a)anthracene	ND(0.36)	0.26 J	ND(0.37)	ND(0.37)	0.41
Benzo(a)pyrene	ND(0.36)	0.18 J	ND(0.37)	ND(0.37)	0.21 J
Benzo(b)fluoranthene	ND(0.36)	0.22 J	ND(0.37)	ND(0.37)	0.34 J
Benzo(g,h,i)perylene	ND(0.36)	0.093 J	ND(0.37)	ND(0.37)	0.16 J
Benzo(k)fluoranthene	ND(0.36)	0.11 J	ND(0.37)	ND(0.37)	0.32 J
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.37)	16
Butylbenzylphthalate	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Chrysene	ND(0.36)	0.22 J	ND(0.37)	ND(0.37)	0.41
Dibenzo(a,h)anthracene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Dibenzofuran	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Di-n-Butylphthalate	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Fluoranthene	ND(0.36)	0.31 J	ND(0.37)	ND(0.37)	0.51
Fluorene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	0.17 J
Naphthalene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Pentachlorobenzene	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)	ND(0.40)
Phenanthrene	ND(0.36)	0.12 J	ND(0.37)	ND(0.37)	0.22 J
Pyrene	ND(0.36)	0.41	ND(0.37)	0.094 J	0.70
Furans					
2,3,7,8-TCDF	ND(0.00000025)	0.0000027 Y	0.0000017 Y	0.0000023 Y	0.000032 Y
TCDFs (total)	ND(0.00000037)	0.000013	0.000010	0.000015	0.00015
1,2,3,7,8-PeCDF	ND(0.00000045)	ND(0.0000022)	ND(0.0000016)	ND(0.0000014)	0.000015
2,3,4,7,8-PeCDF	ND(0.00000042)	ND(0.0000021)	ND(0.0000015)	ND(0.0000017)	0.000019
PeCDFs (total)	ND(0.00000045)	0.000012	ND(0.0000016)	0.000013	0.00019
1,2,3,4,7,8-HxCDF	ND(0.00000069)	0.0000062	ND(0.0000023)	0.0000040 J	0.000041 I
1,2,3,6,7,8-HxCDF	ND(0.00000066)	0.0000040 J	ND(0.0000022)	ND(0.0000024)	0.000018 I
1,2,3,7,8,9-HxCDF	ND(0.00000082)	ND(0.0000039) X	ND(0.0000027)	ND(0.0000014)	ND(0.00000059)
2,3,4,6,7,8-HxCDF	ND(0.00000072)	ND(0.0000034) X	ND(0.0000024)	ND(0.0000017)	0.000012
HxCDFs (total)	ND(0.00000082)	0.000051	ND(0.0000027)	0.000032	0.00030
1,2,3,4,6,7,8-HpCDF	ND(0.00000036)	0.000040	0.0000032 J	0.000024	0.00022
1,2,3,4,7,8,9-HpCDF	ND(0.00000044)	ND(0.0000025)	ND(0.0000014)	ND(0.0000019)	0.000015
HpCDFs (total)	ND(0.00000044)	0.000078	0.0000078	0.000047	0.00043
OCDF	ND(0.00000072)	0.000030	0.0000060 J	0.000018	0.00017

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-3 1-3 11/30/04	3C-A9-4 0-1 11/30/04	3C-A9-4 1-2 11/30/04	3C-A9-5 0-1 11/30/04	3C-A9-6 0-1 12/02/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000038)	ND(0.0000013)	ND(0.0000010)	ND(0.00000037)	0.0000011 J
TCDDs (total)		ND(0.00000038)	ND(0.0000013)	ND(0.0000010)	ND(0.00000037)	0.0000078
1,2,3,7,8-PeCDD		ND(0.00000056)	ND(0.0000031) X	ND(0.0000019)	ND(0.00000072)	ND(0.0000031)
PeCDDs (total)		ND(0.0000010)	ND(0.0000031)	ND(0.0000019)	ND(0.0000018)	0.000011
1,2,3,4,7,8-HxCDD		ND(0.00000074)	ND(0.0000031)	ND(0.0000023)	ND(0.00000093)	0.0000041 J
1,2,3,6,7,8-HxCDD		ND(0.00000067)	ND(0.0000028)	ND(0.0000020)	ND(0.0000010)	0.0000078
1,2,3,7,8,9-HxCDD		ND(0.00000068)	ND(0.0000029)	ND(0.0000021)	ND(0.0000011)	0.0000056 J
HxCDDs (total)		ND(0.00000074)	0.0000075	ND(0.0000023)	0.0000069	0.000091
1,2,3,4,6,7,8-HpCDD		ND(0.00000055)	0.000028	0.0000059	0.000013	0.00010
HpCDDs (total)		ND(0.00000055)	0.000059	0.0000095	0.000026	0.00020
OCDD		ND(0.0000026)	0.00020	0.000027	0.00011	0.00078
Total TEQs (WHO TEFs)		0.00000085	0.0000056	0.0000029	0.0000025	0.000028
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.00	6.00	3.30	2.90	3.50
Barium		22.0	24.0	27.0	23.0	29.0
Beryllium		0.170 B	0.190 B	0.200 B	0.160 B	0.150 B
Cadmium		0.120 B	0.140 B	0.110 B	0.110 B	0.190 B
Chromium		4.20	5.80	4.80	4.80	8.10
Cobalt		6.50	6.80	6.00	5.70	5.70
Copper		10.0	13.0	11.0	11.0	15.0
Cyanide		ND(0.110)	0.0790 B	0.0470 B	0.0550 B	0.180
Lead		4.80	16.0	5.40	8.70	36.0
Mercury		ND(0.110)	0.0430 B	0.0110 B	0.0130 B	0.0950 B
Nickel		11.0	11.0	11.0	10.0	9.00
Selenium		1.40	1.90	2.20	1.10	1.10
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		6.90	8.90	ND(5.50)	11.0	ND(5.90)
Thallium		ND(1.10)	ND(1.10)	ND(1.10)	ND(1.10)	ND(1.20)
Tin		3.10 B	3.70 B	3.50 B	3.40 B	5.60 B
Vanadium		4.40 B	6.50	5.70	4.60 B	7.70
Zinc		28.0	38.0	33.0	28.0	57.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3C-A9-6 1-2 12/02/04	3C-A9-7 0-1 11/30/04	3C-A9-7 1-3 11/30/04	3C-A9-8 0-1 11/30/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
1,4-Dichlorobenzene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
2,4-Dinitrotoluene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
2-Methylnaphthalene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
3&4-Methylphenol	ND(0.74)	ND(0.80) [ND(0.78)]	ND(0.75)	ND(0.76)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
4-Chlorobenzilate	ND(0.74)	ND(0.80) [ND(0.78)]	ND(0.75)	ND(0.76)
Acenaphthene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Acenaphthylene	ND(0.37)	0.46 [0.64]	ND(0.37)	ND(0.38)
Acetophenone	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Anthracene	ND(0.37)	0.33 J [0.50]	ND(0.37)	0.17 J
Benzidine	ND(0.74)	ND(0.80) [ND(0.78)]	ND(0.75)	ND(0.76)
Benzo(a)anthracene	ND(0.37)	1.0 [1.4]	ND(0.37)	0.27 J
Benzo(a)pyrene	ND(0.37)	0.98 [1.7]	ND(0.37)	0.11 J
Benzo(b)fluoranthene	ND(0.37)	0.81 [1.1]	ND(0.37)	0.26 J
Benzo(g,h,i)perylene	ND(0.37)	0.60 [1.2]	ND(0.37)	ND(0.38)
Benzo(k)fluoranthene	ND(0.37)	0.90 [1.4]	ND(0.37)	0.12 J
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.39) [ND(0.38)]	ND(0.37)	ND(0.38)
Butylbenzylphthalate	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Chrysene	ND(0.37)	1.2 [1.5]	ND(0.37)	0.16 J
Dibenzo(a,h)anthracene	ND(0.37)	0.10 J [0.26 J]	ND(0.37)	ND(0.38)
Dibenzofuran	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Di-n-Butylphthalate	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Fluoranthene	ND(0.37)	1.9 [2.8]	ND(0.37)	0.23 J
Fluorene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.37)	0.23 J [0.90]	ND(0.37)	ND(0.38)
Naphthalene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Pentachlorobenzene	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)	ND(0.38)
Phenanthrene	ND(0.37)	0.62 [1.0]	ND(0.37)	ND(0.38)
Pyrene	ND(0.37)	2.3 [2.8]	ND(0.37)	0.23 J
Furans				
2,3,7,8-TCDF	0.0000047 Y	0.000016 Y [0.0000036 Y]	0.00000074 YJ	0.0000044 Y
TCDFs (total)	0.000021	0.000082 [0.000036]	0.0000012	0.000032
1,2,3,7,8-PeCDF	0.0000034 J	0.0000065 [ND(0.0000025)]	ND(0.0000013)	0.0000029 J
2,3,4,7,8-PeCDF	0.0000037 J	0.0000090 [ND(0.0000028)]	ND(0.0000013)	0.0000034 J
PeCDFs (total)	0.000022	0.00015 [0.000042]	ND(0.0000013)	0.000043
1,2,3,4,7,8-HxCDF	0.0000049 J	0.000030 [0.0000096]	ND(0.0000022)	0.0000079
1,2,3,6,7,8-HxCDF	0.0000062	0.0000054 I [0.0000046 J]	ND(0.0000021)	0.000011
1,2,3,7,8,9-HxCDF	ND(0.0000021)	ND(0.00000047) [ND(0.0000018)]	ND(0.0000026)	ND(0.0000018)
2,3,4,6,7,8-HxCDF	ND(0.0000018)	0.0000078 [0.0000034 J]	ND(0.0000023)	0.0000030 J
HxCDFs (total)	0.000034	0.00022 [0.000094]	ND(0.0000026)	0.00010
1,2,3,4,6,7,8-HpCDF	0.000028	0.00018 [0.000048]	ND(0.0000023)	0.000069
1,2,3,4,7,8,9-HpCDF	0.0000030 J	0.000013 [0.0000047 J]	ND(0.0000013)	0.0000049 J
HpCDFs (total)	0.000054	0.00035 [0.00010]	ND(0.0000024)	0.00014
OCDF	0.000018	0.00011 [0.000034]	ND(0.0000041)	0.000053

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-6 1-2 12/02/04	3C-A9-7 0-1 11/30/04	3C-A9-7 1-3 11/30/04	3C-A9-8 0-1 11/30/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000038)	0.00000074 J [ND(0.00000060) X]	ND(0.00000088) X	0.00000058 J
TCDDs (total)		ND(0.00000053)	0.0000099 [0.0000011]	ND(0.00000088)	0.000010
1,2,3,7,8-PeCDD		ND(0.0000015)	0.0000035 J [ND(0.0000014)]	ND(0.0000020)	ND(0.0000015)
PeCDDs (total)		ND(0.0000015)	0.000025 [0.0000035]	ND(0.0000020)	0.0000077
1,2,3,4,7,8-HxCDD		ND(0.0000017)	0.0000048 J [ND(0.0000014)]	ND(0.0000019)	ND(0.0000021)
1,2,3,6,7,8-HxCDD		ND(0.0000015)	0.0000060 J [ND(0.0000025)]	ND(0.0000017)	0.0000030 J
1,2,3,7,8,9-HxCDD		ND(0.0000015)	0.0000059 J [ND(0.0000026)]	ND(0.0000017)	0.0000028 J
HxCDDs (total)		0.0000057	0.000092 [0.000019]	ND(0.0000019)	0.000044
1,2,3,4,6,7,8-HpCDD		0.000011	0.000087 [0.000029]	0.0000040 J	0.000045
HpCDDs (total)		0.000022	0.00020 [0.000064]	0.0000040	0.000088
OCDD		0.000071	0.00062 [0.00020]	0.000021	0.00037
Total TEQs (WHO TEFs)		0.0000054	0.000020 [0.0000051]	0.0000027	0.0000078
Inorganics					
Antimony		ND(6.00)	ND(6.00) [ND(6.00)]	ND(6.00)	ND(6.00)
Arsenic		2.30	5.00 [4.50]	3.10	3.80
Barium		16.0 B	36.0 [28.0]	15.0 B	26.0
Beryllium		0.130 B	0.260 B [0.240 B]	0.140 B	0.220 B
Cadmium		ND(0.500)	0.300 B [0.250 B]	0.110 B	0.200 B
Chromium		5.00	10.0 [7.70]	4.00	6.70
Cobalt		5.20	7.10 [6.60]	4.90 B	6.10
Copper		6.80	22.0 [14.0]	9.60	13.0
Cyanide		ND(0.110)	0.260 [0.110 B]	ND(0.220)	0.0910 B
Lead		5.80	53.0 [35.0]	4.50	22.0
Mercury		ND(0.110)	0.120 [0.0370 B]	ND(0.110)	0.0710 B
Nickel		9.00	13.0 [12.0]	9.30	11.0
Selenium		1.20	2.00 [1.60]	1.20	1.70
Silver		ND(1.00)	0.310 B [ND(1.00)]	0.260 B	ND(1.00)
Sulfide		ND(5.50)	ND(6.00) [5.60 B]	5.40 B	ND(5.70)
Thallium		ND(1.10)	ND(1.20) [ND(1.20)]	ND(1.10)	ND(1.10)
Tin		3.50 B	5.40 B [4.70 B]	3.60 B	4.40 B
Vanadium		5.20	11.0 [7.90]	4.50 B	6.90
Zinc		31.0	72.0 [54.0]	24.0	63.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3C-A9-9 0-1 11/30/04	3C-A9-9 1-3 11/30/04	3C-A9-10 0-1 12/02/04	3C-A9-10 1-2 12/02/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
1,4-Dichlorobenzene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
2,4,5-Trichlorophenol	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
2,4-Dinitrotoluene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
2-Methylnaphthalene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
3&4-Methylphenol	ND(0.88)	ND(0.82)	ND(0.85)	ND(0.82) [ND(0.82)]
4-Bromophenyl-phenylether	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
4-Chlorobenzilate	ND(0.88)	ND(0.82)	ND(0.85)	ND(0.82) [ND(0.82)]
Acenaphthene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [0.11 J]
Acenaphthylene	0.28 J	0.23 J	ND(0.42)	ND(0.41) [0.23 J]
Acetophenone	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Anthracene	0.21 J	0.20 J	0.30 J	ND(0.41) [0.37 J]
Benzidine	ND(0.88)	ND(0.82)	ND(0.85)	ND(0.82) [ND(0.82)]
Benzo(a)anthracene	0.46	0.38 J	0.49	ND(0.41) [0.66]
Benzo(a)pyrene	0.27 J	0.16 J	0.34 J	ND(0.41) [0.62]
Benzo(b)fluoranthene	0.38 J	0.28 J	0.41 J	ND(0.41) [0.62]
Benzo(g,h,i)perylene	ND(0.44)	ND(0.41)	0.21 J	ND(0.41) [0.35 J]
Benzo(k)fluoranthene	0.14 J	0.19 J	0.15 J	ND(0.41) [0.50]
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.40)	ND(0.42)	ND(0.40) [ND(0.40)]
Butylbenzylphthalate	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Chrysene	0.32 J	0.29 J	0.48	ND(0.41) [0.58]
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Dibenzofuran	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Di-n-Butylphthalate	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Fluoranthene	0.47	0.47	1.1	0.14 J [1.5]
Fluorene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [0.11 J]
Indeno(1,2,3-cd)pyrene	ND(0.44)	ND(0.41)	0.19 J	ND(0.41) [0.18 J]
Naphthalene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
o,o,o-Triethylphosphorothioate	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Pentachlorobenzene	ND(0.44)	ND(0.41)	ND(0.42)	ND(0.41) [ND(0.40)]
Phenanthrene	0.13 J	0.16 J	0.68	ND(0.41) [1.1]
Pyrene	0.60	0.52	1.1	0.16 J [1.5]
Furans				
2,3,7,8-TCDF	0.000016 Y	0.0000045 Y	0.0000056 Y	0.0000019 Y [0.0000020 Y]
TCDFs (total)	0.00017	0.000042	0.000049	0.000013 [0.0000091]
1,2,3,7,8-PeCDF	0.000012	0.0000044 J	ND(0.0000027)	ND(0.00000080) [ND(0.00000050)]
2,3,4,7,8-PeCDF	0.000012 J	0.0000048 J	ND(0.0000028)	ND(0.00000094) [ND(0.00000075)]
PeCDFs (total)	0.00018	0.000043	0.000025	0.0000050 [0.0000032]
1,2,3,4,7,8-HxCDF	0.000050	0.000014	0.0000044 J	ND(0.0000015) [ND(0.0000015)]
1,2,3,6,7,8-HxCDF	0.000019	0.0000065	0.0000045 J	ND(0.00000075) [ND(0.00000058)]
1,2,3,7,8,9-HxCDF	ND(0.0000039) X	ND(0.0000033)	ND(0.00000041)	ND(0.00000028) [ND(0.00000036)]
2,3,4,6,7,8-HxCDF	0.000013	0.0000047 J	ND(0.0000027)	ND(0.00000075) [ND(0.00000040)]
HxCDFs (total)	0.00040	0.00010	0.000052	0.0000098 [ND(0.0000035)]
1,2,3,4,6,7,8-HpCDF	0.00029	0.000071	0.000026	0.0000075 [0.0000061]
1,2,3,4,7,8,9-HpCDF	0.000024	0.0000072	ND(0.0000013)	ND(0.00000065) [ND(0.00000026)]
HpCDFs (total)	0.00057	0.00014	0.000096	0.000024 [0.000018]
OCDF	0.00021	0.000043	0.00011	0.000026 [0.000016]

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-9 0-1 11/30/04	3C-A9-9 1-3 11/30/04	3C-A9-10 0-1 12/02/04	3C-A9-10 1-2 12/02/04
Dioxins					
2,3,7,8-TCDD		ND(0.0000014) X	0.0000011 J	ND(0.00000028)	ND(0.00000022) [ND(0.00000031)]
TCDDs (total)		0.000013	0.0000029	0.0000012	ND(0.00000036) [ND(0.00000031)]
1,2,3,7,8-PeCDD		0.0000039 J	ND(0.0000024)	ND(0.00000065)	ND(0.00000050) [ND(0.00000052)]
PeCDDs (total)		0.000046	0.000010	ND(0.0000014)	ND(0.00000050) [ND(0.00000052)]
1,2,3,4,7,8-HxCDD		0.0000072	ND(0.0000028)	ND(0.00000066)	ND(0.00000039) [ND(0.00000056)]
1,2,3,6,7,8-HxCDD		0.000010	0.0000039 J	ND(0.0000023)	ND(0.00000070) [ND(0.00000049)]
1,2,3,7,8,9-HxCDD		0.0000069	0.0000033 J	ND(0.0000016)	ND(0.00000066) [ND(0.00000069)]
HxCDDs (total)		0.00013	0.000036	0.000011	ND(0.0000017) [ND(0.0000014)]
1,2,3,4,6,7,8-HpCDD		0.000078	0.000027	0.000068	0.000018 [0.000014]
HpCDDs (total)		0.00016	0.000055	0.00012	0.000033 [0.000023]
OCDD		0.00048	0.00021	0.00068	0.00018 [0.00013]
Total TEQs (WHO TEFs)		0.000028	0.000010	0.0000041	0.0000013 [0.0000013]
Inorganics					
Antimony		0.910 B	ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]
Arsenic		5.00	4.50	9.70	5.70 [5.40]
Barium		48.0	38.0	55.0	42.0 [39.0]
Beryllium		0.260 B	0.240 B	0.300 B	0.190 B [0.210 B]
Cadmium		0.460 B	0.280 B	0.300 B	0.0950 B [ND(0.500)]
Chromium		11.0	8.90	23.0	9.90 [8.80]
Cobalt		8.00	6.70	8.10	7.60 [6.70]
Copper		23.0	17.0	14.0	12.0 [13.0]
Cyanide		0.220	0.0980 B	0.240	0.160 [0.160]
Lead		52.0	30.0	38.0	27.0 [41.0]
Mercury		0.180	0.0700 B	0.130	0.0750 B [0.0880 B]
Nickel		13.0	12.0	13.0	11.0 [11.0]
Selenium		1.50	1.80	1.80	1.50 [2.80]
Silver		0.250 B	0.340 B	0.260 B	ND(1.00) [ND(1.00)]
Sulfide		ND(6.50)	ND(6.10)	ND(6.40)	ND(6.10) [ND(6.10)]
Thallium		ND(1.30)	ND(1.20)	ND(1.30)	ND(1.20) [ND(1.20)]
Tin		7.40 B	5.50 B	4.40 B	5.10 B [4.80 B]
Vanadium		9.80	8.00	10.0	9.90 [10.0]
Zinc		74.0	55.0	60.0	48.0 [45.0]

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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	Sample Depth (Feet)	Date Collected	3C-A9-11	3C-A9-12	3C-A9-12	3C-A9-13	3C-A9-13
			0-1	0-1	1-2	0-1	1-3
			11/30/04	12/02/04	12/02/04	11/30/04	11/30/04
Semivolatile Organics							
1,2,4-Trichlorobenzene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
1,4-Dichlorobenzene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
2,4,5-Trichlorophenol			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
2,4-Dinitrotoluene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
2-Methylnaphthalene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
3&4-Methylphenol			ND(0.83)	ND(0.81)	ND(0.78)	ND(0.84)	ND(0.77)
4-Bromophenyl-phenylether			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
4-Chlorobenzilate			ND(0.83)	ND(0.81)	ND(0.78)	ND(0.84)	ND(0.77)
Acenaphthene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Acenaphthylene			ND(0.41)	0.26 J	ND(0.39)	0.42	ND(0.38)
Acetophenone			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Anthracene			ND(0.41)	0.20 J	ND(0.39)	0.27 J	ND(0.38)
Benzidine			ND(0.83)	ND(0.81)	ND(0.78)	ND(0.84)	ND(0.77)
Benzo(a)anthracene			ND(0.41)	0.31 J	ND(0.39)	0.55	ND(0.38)
Benzo(a)pyrene			ND(0.41)	0.14 J	ND(0.39)	0.37 J	ND(0.38)
Benzo(b)fluoranthene			ND(0.41)	0.31 J	ND(0.39)	0.43	ND(0.38)
Benzo(g,h,i)perylene			ND(0.41)	0.14 J	ND(0.39)	0.27 J	ND(0.38)
Benzo(k)fluoranthene			ND(0.41)	0.14 J	ND(0.39)	0.30 J	ND(0.38)
bis(2-Ethylhexyl)phthalate			ND(0.41)	ND(0.40)	ND(0.38)	ND(0.42)	ND(0.38)
Butylbenzylphthalate			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Chrysene			ND(0.41)	0.20 J	ND(0.39)	0.46	ND(0.38)
Dibenzo(a,h)anthracene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Dibenzofuran			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Di-n-Butylphthalate			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Fluoranthene			0.087 J	0.34 J	ND(0.39)	0.61	ND(0.38)
Fluorene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Indeno(1,2,3-cd)pyrene			ND(0.41)	0.084 J	ND(0.39)	0.22 J	ND(0.38)
Naphthalene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
o,o,o-Triethylphosphorothioate			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Pentachlorobenzene			ND(0.41)	ND(0.40)	ND(0.39)	ND(0.42)	ND(0.38)
Phenanthrene			ND(0.41)	0.19 J	ND(0.39)	0.20 J	ND(0.38)
Pyrene			0.13 J	0.46	ND(0.39)	0.92	ND(0.38)
Furans							
2,3,7,8-TCDF			0.0000037 Y	0.0000091 Y	0.0000057 Y	0.000026 Y	0.0000016 J
TCDFs (total)			0.000027	0.000078	0.000031	0.00030 QI	0.000022
1,2,3,7,8-PeCDF			ND(0.0000019)	0.0000061	ND(0.00000064)	0.000072	0.000024
2,3,4,7,8-PeCDF			ND(0.0000025)	0.0000064	ND(0.00000063)	0.000030	ND(0.00000066)
PeCDFs (total)			0.000017	0.000096	0.000029	0.00040 Q	0.000065
1,2,3,4,7,8-HxCDF			0.0000079	0.000021	0.0000043 J	0.00011	0.0000062
1,2,3,6,7,8-HxCDF			0.0000032 J	0.000041 I	0.00013 I	0.000020	ND(0.00000063)
1,2,3,7,8,9-HxCDF			ND(0.0000025)	ND(0.00000038)	ND(0.00000047)	0.000012	ND(0.00000085)
2,3,4,6,7,8-HxCDF			ND(0.0000032)	0.0000068	ND(0.0000019)	0.000036	ND(0.00000071)
HxCDFs (total)			0.000065	0.00022	0.00019	0.00074	0.000012
1,2,3,4,6,7,8-HpCDF			0.000049	0.00015	0.000052	0.00027	0.0000014 J
1,2,3,4,7,8,9-HpCDF			0.0000048 J	0.000011	0.0000037 J	0.000028	ND(0.00000084)
HpCDFs (total)			0.000096	0.00028	0.00010	0.00053	0.0000024 J
OCDF			0.000025	0.000090	0.000028	0.00019	ND(0.0000017)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-11 0-1 11/30/04	3C-A9-12 0-1 12/02/04	3C-A9-12 1-2 12/02/04	3C-A9-13 0-1 11/30/04	3C-A9-13 1-3 11/30/04
Dioxins						
2,3,7,8-TCDD		ND(0.0000011) X	ND(0.00000049)	ND(0.00000022)	ND(0.0000012) X	ND(0.00000066)
TCDDs (total)		ND(0.0000011)	0.000010	0.0000012	0.0000099	ND(0.00000066)
1,2,3,7,8-PeCDD		ND(0.0000023)	ND(0.0000024)	ND(0.00000074)	0.0000073	ND(0.00000066)
PeCDDs (total)		ND(0.0000023)	0.0000032	ND(0.0000029)	0.000077 Q	ND(0.00000066)
1,2,3,4,7,8-HxCDD		ND(0.0000024)	ND(0.0000022)	ND(0.00000086)	0.0000091	ND(0.00000083)
1,2,3,6,7,8-HxCDD		ND(0.0000021)	0.0000050 J	ND(0.0000016)	0.000012	ND(0.00000074)
1,2,3,7,8,9-HxCDD		ND(0.0000022)	0.0000044 J	ND(0.0000017)	0.0000098	ND(0.00000080)
HxCDDs (total)		0.000015	0.000065	0.0000097	0.00020 Q	ND(0.00000093)
1,2,3,4,6,7,8-HpCDD		0.000018	0.000046	0.000013	0.000096	ND(0.0000012)
HpCDDs (total)		0.000037	0.000090	0.000027	0.00021	0.0000012 J
OCDD		0.00011	0.00026	0.000080	0.00059	0.0000048 J
Total TEQs (WHO TEFs)		0.0000052	0.000016	0.000016	0.000054	0.0000031
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		7.30	5.80	5.90	4.40	1.80
Barium		37.0	41.0	23.0	34.0	18.0 B
Beryllium		0.230 B	0.150 B	0.0990 B	0.280 B	0.200 B
Cadmium		0.300 B	0.140 B	ND(0.500)	0.200 B	ND(0.500)
Chromium		11.0	8.00	7.80	13.0	5.90
Cobalt		11.0	8.30	9.90	6.70	5.60
Copper		25.0	22.0	29.0	20.0	6.80
Cyanide		0.310	0.190	0.0430 B	0.160 B	0.0440 B
Lead		32.0	47.0	20.0	50.0	4.10
Mercury		0.0710 B	0.120 B	0.0280 B	0.120 B	ND(0.110)
Nickel		18.0	12.0	16.0	12.0	10.0
Selenium		2.20	1.40	1.40	0.950 B	0.730 B
Silver		0.150 B	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		ND(6.20)	ND(6.00)	ND(5.80)	8.10	9.20
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	ND(1.30)	ND(1.10)
Tin		5.20 B	5.00 B	4.00 B	7.10 B	3.40 B
Vanadium		10.0	8.60	6.50	9.40	6.10
Zinc		70.0	65.0	46.0	74.0	35.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3C-A9-13 3-5 11/30/04	3C-A9-14 0-1 11/30/04	3C-A9-14 1-3 11/30/04	3C-A9-14 3-5 11/30/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
1,4-Dichlorobenzene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
2,4,5-Trichlorophenol	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
2,4-Dinitrotoluene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
2-Methylnaphthalene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
3&4-Methylphenol	ND(0.86)	ND(0.76)	ND(0.73) [ND(0.74)]	ND(0.77)
4-Bromophenyl-phenylether	ND(0.43)	0.083 J	ND(0.36) [ND(0.37)]	ND(0.38)
4-Chlorobenzilate	ND(0.86)	ND(0.76)	ND(0.73) [ND(0.74)]	0.53 J
Acenaphthene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Acenaphthylene	ND(0.43)	0.28 J	ND(0.36) [ND(0.37)]	0.21 J
Acetophenone	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Anthracene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Benzidine	ND(0.86)	0.30 J	ND(0.73) [ND(0.74)]	ND(0.77)
Benzo(a)anthracene	ND(0.43)	0.40	ND(0.36) [ND(0.37)]	0.23 J
Benzo(a)pyrene	ND(0.43)	0.23 J	ND(0.36) [ND(0.37)]	ND(0.38)
Benzo(b)fluoranthene	ND(0.43)	0.33 J	ND(0.36) [ND(0.37)]	0.18 J
Benzo(g,h,i)perylene	ND(0.43)	0.16 J	ND(0.36) [ND(0.37)]	ND(0.38)
Benzo(k)fluoranthene	ND(0.43)	0.20 J	ND(0.36) [ND(0.37)]	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.38)	ND(0.36) [ND(0.36)]	ND(0.38)
Butylbenzylphthalate	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Chrysene	ND(0.43)	0.38	ND(0.36) [ND(0.37)]	0.085 J
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Dibenzofuran	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Di-n-Butylphthalate	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Fluoranthene	ND(0.43)	0.40	ND(0.36) [ND(0.37)]	0.076 J
Fluorene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.43)	0.16 J	ND(0.36) [ND(0.37)]	ND(0.38)
Naphthalene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.43)	0.19 J	ND(0.36) [ND(0.37)]	ND(0.38)
Pentachlorobenzene	ND(0.43)	ND(0.38)	ND(0.36) [ND(0.37)]	ND(0.38)
Phenanthrene	ND(0.43)	0.20 J	ND(0.36) [ND(0.37)]	ND(0.38)
Pyrene	ND(0.43)	0.61	ND(0.36) [ND(0.37)]	0.12 J
Furans				
2,3,7,8-TCDF	ND(0.00000067)	0.000018 Y	ND(0.00000070) [ND(0.0000012) X]	0.0000011 J
TCDFs (total)	ND(0.00000067)	0.00017 QI	0.00000074 J [0.0000093]	0.0000038
1,2,3,7,8-PeCDF	ND(0.00000061)	ND(0.000021)	ND(0.00000090) [0.000013]	0.0000026 J
2,3,4,7,8-PeCDF	ND(0.00000061)	ND(0.000021)	ND(0.00000090) [ND(0.0000011)]	ND(0.0000011)
PeCDFs (total)	0.0000012 J	0.00046 Q	0.000021 [0.000050]	0.000021
1,2,3,4,7,8-HxCDF	ND(0.00000066)	0.00013	0.0000021 J [0.0000052]	ND(0.0000026) X
1,2,3,6,7,8-HxCDF	ND(0.00000061)	0.000016	ND(0.00000083) [ND(0.00000060)]	0.00000091 J
1,2,3,7,8,9-HxCDF	ND(0.00000076)	0.000010	ND(0.0000011) [ND(0.00000081)]	ND(0.00000073)
2,3,4,6,7,8-HxCDF	ND(0.00000064)	0.000025	ND(0.00000094) [ND(0.00000068)]	ND(0.00000096) X
HxCDFs (total)	ND(0.00000065)	0.00056	0.0000062 [0.000017]	0.000013
1,2,3,4,6,7,8-HpCDF	ND(0.00000063)	0.00015	0.0000025 J [0.0000024 J]	0.0000066
1,2,3,4,7,8,9-HpCDF	ND(0.00000080)	0.000028	ND(0.00000062) [ND(0.00000072)]	0.00000077 J
HpCDFs (total)	ND(0.00000070)	0.00031	0.0000046 J [0.0000024 J]	0.000012
OCDF	ND(0.0000015)	0.00013	0.0000025 J [0.0000027 J]	0.0000052 J

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-13 3-5 11/30/04	3C-A9-14 0-1 11/30/04	3C-A9-14 1-3 11/30/04	3C-A9-14 3-5 11/30/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000075)	ND(0.00000067)	ND(0.00000059) [ND(0.00000061)]	ND(0.00000057)
TCDDs (total)		ND(0.00000075)	0.0000037	ND(0.00000059) [ND(0.00000061)]	ND(0.00000057)
1,2,3,7,8-PeCDD		ND(0.00000061)	0.0000072	ND(0.00000065) [ND(0.00000067)]	ND(0.00000079)
PeCDDs (total)		ND(0.00000061)	0.000049 Q	ND(0.00000085) [ND(0.00000071)]	ND(0.00000079)
1,2,3,4,7,8-HxCDD		ND(0.0000011)	0.0000085	ND(0.0000010) [ND(0.00000063)]	ND(0.00000075)
1,2,3,6,7,8-HxCDD		ND(0.00000098)	ND(0.000010) X	ND(0.00000089) [ND(0.00000056)]	ND(0.00000067)
1,2,3,7,8,9-HxCDD		ND(0.0000011)	0.0000099	ND(0.00000096) [ND(0.00000060)]	ND(0.00000072)
HxCDDs (total)		ND(0.0000010)	0.00015	ND(0.00000095) [0.0000011 J]	ND(0.00000071)
1,2,3,4,6,7,8-HpCDD		ND(0.0000012)	0.000063	0.0000015 J [0.0000017 J]	0.0000025 J
HpCDDs (total)		ND(0.0000012)	0.00014	0.0000026 J [0.0000032 J]	0.0000053 J
OCDD		ND(0.0000025)	0.00038	0.0000095 J [0.0000088 J]	0.000017
Total TEQs (WHO TEFs)		0.0000012	0.000038	0.0000014 [0.0000024]	0.0000017
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00) [1.20 B]	ND(6.00)
Arsenic		2.10	5.50	2.60 [3.40]	4.40
Barium		23.0	41.0	25.0 [27.0]	25.0
Beryllium		0.230 B	0.360 B	0.300 B [0.300 B]	0.330 B
Cadmium		ND(0.500)	0.200 B	0.100 B [0.290 B]	ND(0.500)
Chromium		6.70	9.80	4.40 [5.10]	6.50
Cobalt		6.00	7.90	7.40 [7.40]	7.30
Copper		7.10	21.0	11.0 [12.0]	11.0
Cyanide		0.0470 B	0.150 B	0.0840 B [0.0650 B]	0.0880 B
Lead		3.30	33.0	6.40 [7.60]	9.00
Mercury		ND(0.130)	0.0650 B	0.0120 B [0.0100 B]	0.0160 B
Nickel		10.0	15.0	11.0 [10.0]	12.0
Selenium		0.770 B	1.50	0.970 B [ND(1.00)]	1.10
Silver		ND(1.00)	ND(1.00)	ND(1.00) [ND(1.00)]	ND(1.00)
Sulfide		ND(6.40)	9.10	7.00 [7.00]	7.30
Thallium		ND(1.30)	ND(1.10)	ND(1.10) [ND(1.10)]	ND(1.10)
Tin		3.70 B	11.0	3.00 B [4.00 B]	3.90 B
Vanadium		7.00	9.30	5.20 [5.50]	7.20
Zinc		36.0	67.0	29.0 [31.0]	40.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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	Sample Depth (Feet) / Date Collected	3C-A9-15	3C-A9-15	3C-A9-16	3C-A9-16	3C-A9-16
		0-1	1-3	0-1	1-3	5-7
		11/30/04	11/30/04	11/30/04	11/30/04	11/30/04
Semivolatile Organics						
1,2,4-Trichlorobenzene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
1,4-Dichlorobenzene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
2,4,5-Trichlorophenol		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
2,4-Dinitrotoluene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
2-Methylnaphthalene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
3&4-Methylphenol		ND(0.86)	ND(0.76)	ND(0.77)	ND(0.81)	ND(0.77)
4-Bromophenyl-phenylether		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
4-Chlorobenzilate		ND(0.86)	ND(0.76)	ND(0.77)	ND(0.81)	ND(0.77)
Acenaphthene		ND(0.42)	ND(0.38)	ND(0.38)	0.082 J	ND(0.38)
Acenaphthylene		ND(0.42)	ND(0.38)	0.32 J	0.56	ND(0.38)
Acetophenone		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Anthracene		0.25 J	ND(0.38)	0.20 J	0.42	ND(0.38)
Benzidine		ND(0.86)	ND(0.76)	ND(0.77)	ND(0.81)	ND(0.77)
Benzo(a)anthracene		0.56	ND(0.38)	0.34 J	1.2	ND(0.38)
Benzo(a)pyrene		0.45	ND(0.38)	0.21 J	1.0	ND(0.38)
Benzo(b)fluoranthene		0.56	ND(0.38)	0.32 J	0.72	ND(0.38)
Benzo(g,h,i)perylene		0.31 J	ND(0.38)	0.16 J	0.55	ND(0.38)
Benzo(k)fluoranthene		0.42 J	ND(0.38)	0.19 J	0.72	ND(0.38)
bis(2-Ethylhexyl)phthalate		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Butylbenzylphthalate		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Chrysene		0.64	ND(0.38)	0.28 J	1.0	ND(0.38)
Dibenzo(a,h)anthracene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Dibenzofuran		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Di-n-Butylphthalate		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Fluoranthene		0.75	ND(0.38)	0.30 J	1.5	ND(0.38)
Fluorene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Indeno(1,2,3-cd)pyrene		0.27 J	ND(0.38)	0.11 J	0.49	ND(0.38)
Naphthalene		ND(0.42)	ND(0.38)	ND(0.38)	0.12 J	ND(0.38)
o,o,o-Triethylphosphorothioate		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Pentachlorobenzene		ND(0.42)	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)
Phenanthrene		0.24 J	ND(0.38)	0.099 J	0.64	ND(0.38)
Pyrene		1.0	ND(0.38)	0.36 J	2.2	ND(0.38)
Furans						
2,3,7,8-TCDF		0.0000082 Y	ND(0.00000097) X	0.0000090 Y	0.0000093 Y	ND(0.00000052)
TCDFs (total)		0.000053	ND(0.00000084)	0.00011 QI	0.00012 Q	ND(0.00000052)
1,2,3,7,8-PeCDF		0.0000046 J	0.0000014 J	0.000024	0.000016	ND(0.00000057)
2,3,4,7,8-PeCDF		0.0000063	ND(0.00000056)	0.000012	0.000013 Q	ND(0.00000057)
PeCDFs (total)		0.000071 Q	0.0000051 J	0.00026 QI	0.00017 Q	ND(0.00000057)
1,2,3,4,7,8-HxCDF		0.0000058 J	0.00000083 J	0.000041	0.000033	ND(0.00000060)
1,2,3,6,7,8-HxCDF		0.0000023 J	ND(0.00000068)	ND(0.0000090) X	0.000010	ND(0.00000057)
1,2,3,7,8,9-HxCDF		ND(0.0000011)	ND(0.00000092)	0.0000044 J	0.0000057 J	ND(0.00000069)
2,3,4,6,7,8-HxCDF		0.0000036 J	ND(0.00000078)	0.000013	0.000011	ND(0.00000058)
HxCDFs (total)		0.000051	0.0000022 J	0.00030	0.00026 I	ND(0.00000059)
1,2,3,4,6,7,8-HpCDF		0.000010	0.0000012 J	0.00012	0.00013	ND(0.00000064)
1,2,3,4,7,8,9-HpCDF		0.0000011 J	ND(0.00000096)	0.000011	0.000012	ND(0.00000081)
HpCDFs (total)		0.000020	0.0000012 J	0.00023	0.00023	ND(0.00000072)
OCDF		0.000013	ND(0.0000020)	0.000091	0.000087	ND(0.0000021)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3C-A9-15 0-1 11/30/04	3C-A9-15 1-3 11/30/04	3C-A9-16 0-1 11/30/04	3C-A9-16 1-3 11/30/04	3C-A9-16 5-7 11/30/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000065)	ND(0.00000076)	ND(0.00000066)	ND(0.00000092)	ND(0.00000070)
TCDDs (total)		ND(0.00000065)	ND(0.00000076)	0.00000094 J	0.0000074	ND(0.00000070)
1,2,3,7,8-PeCDD		ND(0.00000069)	ND(0.00000062)	ND(0.0000052) X	ND(0.0000041) X	ND(0.00000057)
PeCDDs (total)		0.0000019 J	ND(0.00000094)	0.000028 Q	0.000026 Q	ND(0.0000010)
1,2,3,4,7,8-HxCDD		ND(0.0000010)	ND(0.0000011)	0.0000036 J	ND(0.0000034) X	ND(0.00000096)
1,2,3,6,7,8-HxCDD		0.0000014 J	ND(0.00000097)	0.0000053 J	0.0000052 J	ND(0.00000086)
1,2,3,7,8,9-HxCDD		ND(0.0000012) X	ND(0.0000010)	0.0000051 J	0.0000044 J	ND(0.00000093)
HxCDDs (total)		0.000012	ND(0.0000010)	0.000080	0.000076	ND(0.00000092)
1,2,3,4,6,7,8-HpCDD		0.000016	0.0000017 J	0.000050	0.000036	ND(0.0000011)
HpCDDs (total)		0.000030	0.0000033 J	0.00010	0.000074	ND(0.0000011)
OCDD		0.000095	0.0000090 J	0.00042	0.00022	ND(0.0000027)
Total TEQs (WHO TEFs)		0.0000066	0.0000013	0.000021	0.000020	0.0000011
Inorganics						
Antimony		ND(6.00)	1.10 B	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		5.40	7.00	7.60	5.30	1.50
Barium		37.0	28.0	33.0	52.0	18.0 B
Beryllium		0.240 B	0.290 B	0.270 B	0.290 B	0.200 B
Cadmium		0.360 B	0.410 B	0.280 B	0.240 B	ND(0.500)
Chromium		6.10	6.70	10.0	9.60	5.10
Cobalt		6.30	7.20	8.80	6.00	5.70
Copper		16.0	12.0	28.0	46.0	7.60
Cyanide		0.370	0.110 B	0.260	0.320	ND(0.120)
Lead		51.0	21.0	64.0	140	3.40
Mercury		0.210	0.0420 B	2.10	0.340	ND(0.120)
Nickel		9.40	10.0	16.0	12.0	8.70
Selenium		ND(1.00)	ND(1.00)	1.90	0.970 B	0.710 B
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		8.20	ND(5.70)	7.40	7.80	5.50 B
Thallium		ND(1.30)	ND(1.10)	ND(1.20)	ND(1.20)	ND(1.20)
Tin		5.80 B	4.40 B	6.90 B	14.0	3.20 B
Vanadium		7.90	8.20	11.0	10.0	5.60
Zinc		58.0	48.0	86.0	110	28.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3D-A9-1 0-1 12/01/04	3D-A9-1 1-3 12/01/04	3D-A9-2 0-1 12/02/04	3D-A9-2 1-3 12/02/04	3D-A9-2 3-5 12/02/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
1,4-Dichlorobenzene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
2,4-Dinitrotoluene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
2-Methylnaphthalene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
3&4-Methylphenol	ND(0.84)	ND(0.78)	ND(0.82)	ND(0.83)	ND(0.73)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
4-Chlorobenzilate	ND(0.84)	ND(0.78)	ND(0.82)	ND(0.83)	ND(0.73)
Acenaphthene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Acenaphthylene	0.26 J	ND(0.39)	0.32 J	ND(0.41)	ND(0.36)
Acetophenone	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Anthracene	0.22 J	ND(0.39)	0.25 J	ND(0.41)	ND(0.36)
Benzidine	ND(0.84)	ND(0.78)	ND(0.82)	ND(0.83)	ND(0.73)
Benzo(a)anthracene	0.31 J	0.19 J	0.38 J	ND(0.41)	ND(0.36)
Benzo(a)pyrene	0.23 J	ND(0.39)	0.23 J	ND(0.41)	ND(0.36)
Benzo(b)fluoranthene	0.32 J	ND(0.39)	0.36 J	ND(0.41)	ND(0.36)
Benzo(g,h,i)perylene	0.11 J	ND(0.39)	0.16 J	ND(0.41)	ND(0.36)
Benzo(k)fluoranthene	0.12 J	ND(0.39)	0.23 J	ND(0.41)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.41)	0.64	ND(0.40)	ND(0.41)	ND(0.36)
Butylbenzylphthalate	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Chrysene	0.26 J	ND(0.39)	0.33 J	ND(0.41)	ND(0.36)
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Dibenzofuran	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Di-n-Butylphthalate	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Fluoranthene	0.37 J	ND(0.39)	0.46	ND(0.41)	ND(0.36)
Fluorene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Indeno(1,2,3-cd)pyrene	0.14 J	ND(0.39)	0.12 J	ND(0.41)	ND(0.36)
Naphthalene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
o,o,o-Triethylphosphorothioate	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Pentachlorobenzene	ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)
Phenanthrene	0.15 J	ND(0.39)	0.21 J	ND(0.41)	ND(0.36)
Pyrene	0.56	ND(0.39)	0.53	ND(0.41)	ND(0.36)
Furans					
2,3,7,8-TCDF	0.0000022 Y	0.00000075 JY	0.0000090 Y	ND(0.00000035)	ND(0.00000022)
TCDFs (total)	0.0000099	0.0000040	0.000030	0.00000063	ND(0.00000022)
1,2,3,7,8-PeCDF	ND(0.00000081)	ND(0.00000043)	0.0000045 J	ND(0.00000069)	ND(0.00000037)
2,3,4,7,8-PeCDF	ND(0.0000013)	ND(0.00000042)	0.0000045 J	ND(0.00000067)	ND(0.00000036)
PeCDFs (total)	0.000010	ND(0.0000019)	0.000025	ND(0.00000069)	ND(0.00000037)
1,2,3,4,7,8-HxCDF	ND(0.0000027)	ND(0.00000076)	0.0000083	ND(0.0000016)	ND(0.00000063)
1,2,3,6,7,8-HxCDF	ND(0.0000018)	ND(0.00000071)	0.0000069	ND(0.0000015)	ND(0.00000060)
1,2,3,7,8,9-HxCDF	ND(0.0000011)	ND(0.00000090)	ND(0.0000013)	ND(0.0000019)	ND(0.00000075)
2,3,4,6,7,8-HxCDF	ND(0.0000014)	ND(0.00000078)	0.0000036 J	ND(0.0000017)	ND(0.00000065)
HxCDFs (total)	0.000015	ND(0.0000018)	0.000083	ND(0.0000019)	ND(0.00000075)
1,2,3,4,6,7,8-HpCDF	0.000014	0.0000039 J	0.000094	0.0000031 J	ND(0.00000054)
1,2,3,4,7,8,9-HpCDF	ND(0.00000087)	ND(0.00000060)	0.0000049 J	ND(0.00000092)	ND(0.00000073)
HpCDFs (total)	0.000026	0.0000074	0.00018	0.0000031	ND(0.00000073)
OCDF	0.000013	ND(0.0000025)	0.000051	ND(0.0000019)	ND(0.00000076)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3D-A9-1 0-1 12/01/04	3D-A9-1 1-3 12/01/04	3D-A9-2 0-1 12/02/04	3D-A9-2 1-3 12/02/04	3D-A9-2 3-5 12/02/04
Dioxins						
2,3,7,8-TCDD		0.00000075 J	ND(0.00000036)	ND(0.00000040)	ND(0.00000044)	ND(0.00000029)
TCDDs (total)		0.00000078	ND(0.00000036)	0.00000089	ND(0.00000044)	ND(0.00000029)
1,2,3,7,8-PeCDD		ND(0.00000054)	ND(0.00000062)	ND(0.0000013)	ND(0.00000073)	ND(0.00000051)
PeCDDs (total)		ND(0.00000070)	ND(0.00000062)	ND(0.0000013)	ND(0.00000073)	ND(0.0000017)
1,2,3,4,7,8-HxCDD		ND(0.00000092)	ND(0.00000079)	ND(0.0000011)	ND(0.0000018)	ND(0.00000079)
1,2,3,6,7,8-HxCDD		ND(0.00000084)	ND(0.00000071)	ND(0.0000022)	ND(0.0000016)	ND(0.00000072)
1,2,3,7,8,9-HxCDD		ND(0.00000091)	ND(0.00000074)	ND(0.0000025)	ND(0.0000017)	ND(0.00000073)
HxCDDs (total)		ND(0.0000027)	ND(0.00000079)	0.000016	ND(0.0000018)	ND(0.00000079)
1,2,3,4,6,7,8-HpCDD		0.000018	ND(0.0000023)	0.000028	ND(0.0000020)	ND(0.00000077)
HpCDDs (total)		0.000033	ND(0.0000023)	0.000053	ND(0.0000020)	ND(0.00000077)
OCDD		0.00012	0.000013	0.00018	0.000016	ND(0.0000034)
Total TEQs (WHO TEFs)		0.0000024	0.0000010	0.0000078	0.0000014	0.00000076
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.80	4.90	9.60	5.80	5.40
Barium		26.0	22.0	29.0	42.0	18.0 B
Beryllium		0.250 B	0.220 B	0.0920 B	0.270 B	0.180 B
Cadmium		0.250 B	0.180 B	ND(0.500)	ND(0.500)	ND(0.500)
Chromium		8.60	5.60	7.10	8.50	7.50
Cobalt		8.00	5.50	5.70	7.60	7.00
Copper		16.0	16.0	19.0	14.0	23.0
Cyanide		0.190	ND(0.230)	0.210	0.110 B	0.110 B
Lead		21.0	9.50	34.0	11.0	8.50
Mercury		0.0440 B	0.0120 B	0.0800 B	0.0350 B	0.0260 B
Nickel		12.0	7.90	9.20	14.0	16.0
Selenium		2.30	2.20	1.70	2.30	1.80
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		6.00 B	5.60 B	ND(6.10)	ND(6.20)	ND(5.50)
Thallium		ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.10)
Tin		4.40 B	3.80 B	5.10 B	4.00 B	3.20 B
Vanadium		10.0	8.90	10.0	12.0	6.40
Zinc		52.0	27.0	47.0	44.0	35.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3D-A9-3	3D-A9-3	3D-A9-4	3D-A9-4	3D-A9-5
Sample Depth (Feet):	0-1	1-3	0-1	1-3	0-1
Parameter / Date Collected:	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
1,4-Dichlorobenzene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
2,4,5-Trichlorophenol	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
2,4-Dinitrotoluene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
2-Methylnaphthalene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
3&4-Methylphenol	ND(0.81)	ND(0.77)	ND(0.88)	ND(0.73)	ND(0.82)
4-Bromophenyl-phenylether	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
4-Chlorobenzilate	ND(0.81)	ND(0.77)	ND(0.88)	ND(0.73)	ND(0.82)
Acenaphthene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Acenaphthylene	1.2	0.24 J	0.25 J	ND(0.36)	0.26 J
Acetophenone	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Anthracene	1.2	0.26 J	0.22 J	0.19 J	0.20 J
Benzidine	ND(0.81)	ND(0.77)	ND(0.88)	ND(0.73)	ND(0.82)
Benzo(a)anthracene	3.2	0.34 J	0.31 J	0.19 J	0.35 J
Benzo(a)pyrene	2.3	0.22 J	0.14 J	ND(0.36)	ND(0.41)
Benzo(b)fluoranthene	1.5	0.26 J	0.27 J	ND(0.36)	ND(0.41)
Benzo(g,h,i)perylene	0.92	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Benzo(k)fluoranthene	1.9	0.11 J	0.14 J	ND(0.36)	ND(0.41)
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.38)	ND(0.43)	ND(0.36)	ND(0.40)
Butylbenzylphthalate	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Chrysene	3.1	0.17 J	0.16 J	ND(0.36)	0.25 J
Dibenzo(a,h)anthracene	0.29 J	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Dibenzofuran	0.12 J	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Di-n-Butylphthalate	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Fluoranthene	7.6	0.50	0.26 J	0.10 J	0.39 J
Fluorene	0.39 J	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Indeno(1,2,3-cd)pyrene	0.75	ND(0.38)	0.10 J	ND(0.36)	ND(0.41)
Naphthalene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Pentachlorobenzene	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	ND(0.41)
Phenanthrene	3.8	0.34 J	0.16 J	ND(0.36)	0.22 J
Pyrene	8.1	0.52	0.35 J	0.12 J	0.58
Furans					
2,3,7,8-TCDF	0.000013 Y	ND(0.00000065) XY	0.000047 Y	ND(0.00000047) Y	0.000021 Y
TCDFs (total)	0.000058	0.00000070	0.00027	0.0000098	0.000089
1,2,3,7,8-PeCDF	0.0000081	ND(0.00000061)	0.000027	ND(0.00000045)	0.0000087
2,3,4,7,8-PeCDF	0.0000098	ND(0.00000060)	0.000030	ND(0.00000052)	0.0000096
PeCDFs (total)	0.000087	ND(0.0000024)	0.00035	ND(0.000012)	0.000082
1,2,3,4,7,8-HxCDF	0.000017	ND(0.00000094)	0.000038	ND(0.0000010)	0.000014
1,2,3,6,7,8-HxCDF	0.0000089	ND(0.00000089)	0.000062 I	ND(0.0000013)	0.0000097 I
1,2,3,7,8,9-HxCDF	ND(0.0000015)	ND(0.0000011)	ND(0.0000018)	ND(0.00000075)	ND(0.00000092)
2,3,4,6,7,8-HxCDF	0.0000061 J	ND(0.00000097)	0.000019	ND(0.00000067)	0.0000045 J
HxCDFs (total)	0.00015	ND(0.0000017)	0.00059	ND(0.0000040)	0.00012
1,2,3,4,6,7,8-HpCDF	0.000094	0.0000033 J	0.00040	0.0000058	0.000058
1,2,3,4,7,8,9-HpCDF	0.0000091	ND(0.00000080)	0.000038	ND(0.0000010)	0.0000062
HpCDFs (total)	0.00018	0.0000033	0.00077	0.000010	0.00012
OCDF	0.000063	ND(0.0000020)	0.00022	ND(0.0000036)	0.000046

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3D-A9-3 0-1 12/01/04	3D-A9-3 1-3 12/01/04	3D-A9-4 0-1 12/01/04	3D-A9-4 1-3 12/01/04	3D-A9-5 0-1 12/01/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000037)	ND(0.00000035)	0.0000017	ND(0.00000034)	ND(0.00000044)
TCDDs (total)		0.0000024	ND(0.00000035)	0.000026	ND(0.00000034)	0.0000021
1,2,3,7,8-PeCDD		ND(0.0000018)	ND(0.00000061)	0.0000078	ND(0.00000062)	ND(0.0000013)
PeCDDs (total)		ND(0.0000052)	ND(0.00000061)	0.000038	ND(0.00000062)	0.0000035
1,2,3,4,7,8-HxCDD		ND(0.0000022)	ND(0.00000075)	0.0000095	ND(0.00000094)	ND(0.0000014)
1,2,3,6,7,8-HxCDD		0.0000034 J	ND(0.00000067)	0.000012	ND(0.00000085)	ND(0.0000021)
1,2,3,7,8,9-HxCDD		ND(0.0000025)	ND(0.00000069)	0.0000085	ND(0.00000087)	ND(0.0000018)
HxCDDs (total)		0.000030	ND(0.00000075)	0.00017	ND(0.00000094)	0.000010
1,2,3,4,6,7,8-HpCDD		0.000037	ND(0.0000011)	0.00012	ND(0.0000017)	0.000029
HpCDDs (total)		0.000075	ND(0.0000011)	0.00023	ND(0.0000017)	0.000053
OCDD		0.00027	0.0000096 J	0.00066	0.000014	0.00020
Total TEQs (WHO TEFs)		0.000013	0.0000010	0.000051	0.0000010	0.000012
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		5.40	4.30	5.40	5.30	6.40
Barium		37.0	21.0	40.0	18.0 B	33.0
Beryllium		0.330 B	0.250 B	0.300 B	0.270 B	0.320 B
Cadmium		0.320 B	0.200 B	0.380 B	0.200 B	0.310 B
Chromium		10.0	8.10	12.0	6.70	9.60
Cobalt		9.40	8.00	6.80	7.70	8.90
Copper		35.0	14.0	26.0	13.0	18.0
Cyanide		0.130	0.220	0.230	0.0410 B	0.0820 B
Lead		24.0	9.90	60.0	10.0	28.0
Mercury		0.0870 B	0.0160 B	0.180	0.0230 B	0.0820 B
Nickel		15.0	14.0	12.0	14.0	15.0
Selenium		2.40	2.00	2.10	2.40	2.40
Silver		0.130 B	ND(1.00)	0.200 B	0.150 B	0.160 B
Sulfide		14.0	7.30	10.0	5.20 B	ND(6.10)
Thallium		ND(1.20)	ND(1.10)	ND(1.30)	ND(1.10)	ND(1.20)
Tin		4.80 B	4.10 B	7.50 B	5.10 B	7.80 B
Vanadium		10.0	8.50	12.0	6.40	11.0
Zinc		63.0	42.0	77.0	40.0	62.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3D-A9-5 1-3 12/01/04	3D-A9-5 3-5 12/01/04	3D-A9-6 0-1 12/01/04	3D-A9-7 0-1 12/01/04	3D-A9-7 1-3 12/01/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
1,4-Dichlorobenzene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
2,4-Dinitrotoluene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
2-Methylnaphthalene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
3&4-Methylphenol	ND(0.74)	ND(0.89)	ND(0.89)	ND(0.86)	ND(0.78)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
4-Chlorobenzilate	ND(0.74)	ND(0.89)	ND(0.89)	ND(0.86)	ND(0.78)
Acenaphthene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Acenaphthylene	0.27 J	ND(0.44)	0.32 J	ND(0.43)	0.32 J
Acetophenone	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Anthracene	0.20 J	ND(0.44)	0.26 J	ND(0.43)	0.25 J
Benzidine	ND(0.74)	ND(0.89)	ND(0.89)	ND(0.86)	ND(0.78)
Benzo(a)anthracene	0.38	0.25 J	0.45	0.34 J	0.56
Benzo(a)pyrene	0.22 J	ND(0.44)	0.30 J	ND(0.43)	0.35 J
Benzo(b)fluoranthene	0.29 J	ND(0.44)	0.41 J	ND(0.43)	0.38 J
Benzo(g,h,i)perylene	0.14 J	ND(0.44)	0.18 J	ND(0.43)	0.16 J
Benzo(k)fluoranthene	0.14 J	ND(0.44)	0.25 J	ND(0.43)	0.32 J
bis(2-Ethylhexyl)phthalate	1.3	ND(0.44)	ND(0.44)	ND(0.42)	ND(0.38)
Butylbenzylphthalate	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Chrysene	0.26 J	ND(0.44)	0.38 J	0.19 J	0.47
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Dibenzofuran	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Di-n-Butylphthalate	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Fluoranthene	0.33 J	0.17 J	0.52	0.38 J	0.60
Fluorene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.44)	0.18 J	ND(0.43)	0.12 J
Naphthalene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Pentachlorobenzene	ND(0.37)	ND(0.44)	ND(0.44)	ND(0.43)	ND(0.39)
Phenanthrene	0.13 J	ND(0.44)	0.20 J	0.29 J	0.24 J
Pyrene	0.54	0.21 J	0.64	0.38 J	0.91
Furans					
2,3,7,8-TCDF	0.0000064 Y	0.0000024 Y	0.000016 Y	0.000038 Y	0.000014 Y
TCDFs (total)	0.000027	0.000056	0.000069	0.00037	0.00017
1,2,3,7,8-PeCDF	0.0000034 J	ND(0.0000014)	0.0000063 J	0.000024	0.0000091
2,3,4,7,8-PeCDF	0.0000038 J	ND(0.0000017)	0.0000077	0.000026	0.000011
PeCDFs (total)	0.000030	0.000019	0.000061	0.00026	0.00014
1,2,3,4,7,8-HxCDF	0.000012	0.0000062 J	0.000014	0.000052	0.000035
1,2,3,6,7,8-HxCDF	0.0000076 I	0.0000090 I	0.0000094 I	0.000043 I	0.000024 I
1,2,3,7,8,9-HxCDF	ND(0.0000015)	ND(0.0000013)	ND(0.00000024)	ND(0.0000012)	ND(0.0000018)
2,3,4,6,7,8-HxCDF	ND(0.0000025)	ND(0.0000012)	0.0000049 J	0.000013	0.000011
HxCDFs (total)	0.000072	0.000067	0.00012	0.00037	0.00030
1,2,3,4,6,7,8-HpCDF	0.000047	0.000030	0.00014	0.00021	0.00017
1,2,3,4,7,8,9-HpCDF	0.0000051 J	0.0000033 J	0.0000057 J	0.000023	0.000017
HpCDFs (total)	0.000093	0.000057	0.00025	0.00043	0.00034
OCDF	0.000030	0.000018	0.000085	0.00015	0.00010

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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:	Sample Depth (Feet):	Date Collected:	3D-A9-5 1-3 12/01/04	3D-A9-5 3-5 12/01/04	3D-A9-6 0-1 12/01/04	3D-A9-7 0-1 12/01/04	3D-A9-7 1-3 12/01/04
Dioxins							
2,3,7,8-TCDD			ND(0.00000050)	ND(0.00000053)	ND(0.00000036)	0.00000094 J	0.00000068 J
TCDDs (total)			0.0000030	ND(0.00000093)	0.0000038	0.000018	0.000014
1,2,3,7,8-PeCDD			ND(0.0000012)	ND(0.0000011)	ND(0.0000012)	0.0000055 J	ND(0.0000024)
PeCDDs (total)			ND(0.0000043)	ND(0.0000032)	ND(0.0000032)	0.000015	0.0000044
1,2,3,4,7,8-HxCDD			ND(0.0000011)	ND(0.00000092)	ND(0.0000013)	0.0000049 J	0.0000040 J
1,2,3,6,7,8-HxCDD			ND(0.0000019)	ND(0.0000010)	0.0000038 J	0.0000080	0.0000056 J
1,2,3,7,8,9-HxCDD			ND(0.0000022)	ND(0.0000017)	ND(0.0000030)	0.0000059 J	0.0000060
HxCDDs (total)			0.000018	0.000012	0.000033	0.000092	0.000080
1,2,3,4,6,7,8-HpCDD			0.000015	0.0000090	0.000048	0.000092	0.000051
HpCDDs (total)			0.000031	0.000019	0.000095	0.00017	0.00010
OCDD			0.00011	0.000054	0.00035	0.00062	0.00030
Total TEQs (WHO TEFs)			0.0000067	0.0000038	0.000012	0.000041	0.000020
Inorganics							
Antimony			ND(6.00)	ND(6.00)	1.10 B	0.910 B	ND(6.00)
Arsenic			5.60	3.40	5.80	5.60	3.00
Barium			24.0	52.0	46.0	43.0	18.0 B
Beryllium			0.230 B	0.430 B	0.360 B	0.320 B	0.130 B
Cadmium			0.240 B	0.270 B	0.360 B	0.460 B	0.170 B
Chromium			8.70	11.0	11.0	12.0	5.30
Cobalt			8.20	9.20	7.90	8.00	5.20
Copper			24.0	12.0	21.0	29.0	15.0
Cyanide			ND(0.220)	0.0960 B	0.350	0.230	0.100 B
Lead			24.0	13.0	85.0	54.0	26.0
Mercury			0.0430 B	0.0410 B	0.100 B	0.120 B	0.0810 B
Nickel			14.0	14.0	16.0	13.0	6.80
Selenium			2.10	2.30	3.10	1.70	1.20
Silver			ND(1.00)	ND(1.00)	ND(1.00)	0.170 B	0.240 B
Sulfide			110	8.50	ND(6.70)	10.0	ND(5.80)
Thallium			ND(1.10)	ND(1.30)	ND(1.30)	ND(1.30)	ND(1.20)
Tin			6.90 B	5.00 B	6.50 B	7.60 B	4.60 B
Vanadium			7.10	11.0	14.0	12.0	3.40 B
Zinc			53.0	57.0	76.0	81.0	30.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3D-A9-7	3D-A9-8	3D-A9-8	3D-A9-9	3D-A9-9
Sample Depth (Feet):	3-5	0-1	1-3	0-1	1-3
Parameter Date Collected:	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
1,4-Dichlorobenzene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
2,4-Dinitrotoluene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
2-Methylnaphthalene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
3&4-Methylphenol	ND(0.87)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.77)
4-Bromophenyl-phenylether	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
4-Chlorobenzilate	ND(0.87)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.77)
Acenaphthene	0.094 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Acenaphthylene	0.24 J	0.27 J	ND(0.40)	0.26 J	ND(0.38)
Acetophenone	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Anthracene	0.21 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Benzidine	ND(0.87)	ND(0.82)	ND(0.82)	ND(0.82)	ND(0.77)
Benzo(a)anthracene	0.30 J	0.48	0.26 J	0.41	ND(0.38)
Benzo(a)pyrene	ND(0.43)	0.26 J	ND(0.40)	0.24 J	ND(0.38)
Benzo(b)fluoranthene	0.25 J	ND(0.41)	ND(0.40)	0.32 J	ND(0.38)
Benzo(g,h,i)perylene	ND(0.43)	0.18 J	ND(0.40)	ND(0.41)	ND(0.38)
Benzo(k)fluoranthene	ND(0.43)	ND(0.41)	ND(0.40)	0.14 J	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.38)
Butylbenzylphthalate	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Chrysene	0.15 J	0.34 J	0.11 J	0.32 J	ND(0.38)
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Dibenzofuran	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Di-n-Butylphthalate	0.42 J	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Fluoranthene	0.30 J	0.47	0.12 J	0.43	ND(0.38)
Fluorene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.43)	0.14 J	ND(0.40)	ND(0.41)	ND(0.38)
Naphthalene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Pentachlorobenzene	ND(0.43)	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)
Phenanthrene	0.17 J	0.18 J	ND(0.40)	0.18 J	ND(0.38)
Pyrene	0.34 J	0.53	0.19 J	0.44	ND(0.38)
Furans					
2,3,7,8-TCDF	0.000022 Y	0.0000089 Y	ND(0.0000011) X	0.000027 Y	0.00000073 JY
TCDFs (total)	0.00018	0.000049	0.0000052	0.00024	0.0000082
1,2,3,7,8-PeCDF	0.000017	0.0000066	ND(0.0000019)	0.000018	ND(0.00000057)
2,3,4,7,8-PeCDF	0.000019	0.0000069	ND(0.0000018)	0.000018	ND(0.00000066)
PeCDFs (total)	0.00035	0.000091	ND(0.0000048)	0.00021	ND(0.0000056)
1,2,3,4,7,8-HxCDF	0.000068	0.000020	ND(0.0000027)	0.000035	ND(0.00000085)
1,2,3,6,7,8-HxCDF	0.000053 I	0.000022 I	ND(0.0000025)	0.000020 I	ND(0.00000081)
1,2,3,7,8,9-HxCDF	ND(0.0000018)	ND(0.0000017)	ND(0.0000031)	ND(0.0000012)	ND(0.0000010)
2,3,4,6,7,8-HxCDF	0.000016	0.0000062	ND(0.0000028)	0.0000097	ND(0.00000088)
HxCDFs (total)	0.00058	0.00018	ND(0.0000031)	0.00027	0.0000029
1,2,3,4,6,7,8-HpCDF	0.00037	0.00016	0.0000042 J	0.00019	0.0000062
1,2,3,4,7,8,9-HpCDF	0.000041	0.000014	ND(0.0000017)	0.000015	ND(0.00000057)
HpCDFs (total)	0.00075	0.00029	0.0000077	0.00036	0.000011
OCDF	0.00016	0.000057	ND(0.0000028)	0.00011	ND(0.0000034)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3D-A9-7 3-5 12/01/04	3D-A9-8 0-1 12/01/04	3D-A9-8 1-3 12/01/04	3D-A9-9 0-1 12/01/04	3D-A9-9 1-3 12/01/04
Dioxins					
2,3,7,8-TCDD	0.0000012 J	ND(0.00000058)	ND(0.0000011) X	ND(0.00000059)	ND(0.00000038)
TCDDs (total)	0.000029	0.0000070	ND(0.0000011)	0.0000097	ND(0.00000038)
1,2,3,7,8-PeCDD	0.0000087	ND(0.0000021)	ND(0.0000027)	0.0000034 J	ND(0.00000063)
PeCDDs (total)	0.000049	0.0000037	ND(0.0000027)	0.0000073	ND(0.00000063)
1,2,3,4,7,8-HxCDD	0.0000083	ND(0.0000025)	ND(0.0000025)	0.0000032 J	ND(0.00000083)
1,2,3,6,7,8-HxCDD	0.000014	0.0000040 J	ND(0.0000023)	0.0000049 J	ND(0.00000074)
1,2,3,7,8,9-HxCDD	0.0000099	0.0000031 J	ND(0.0000023)	0.0000037 J	ND(0.00000076)
HxCDDs (total)	0.00019	0.000049	ND(0.0000025)	0.000064	ND(0.00000083)
1,2,3,4,6,7,8-HpCDD	0.000084	0.000024	ND(0.0000024)	0.000060	ND(0.0000022)
HpCDDs (total)	0.00017	0.000050	ND(0.0000024)	0.00011	ND(0.0000022)
OCDD	0.00066	0.00021	0.000013	0.00038	0.000015
Total TEQs (WHO TEFs)	0.000044	0.000014	0.0000034	0.000027	0.0000011
Inorganics					
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	1.00 B	ND(6.00)
Arsenic	5.00	5.10	2.40	7.00	4.20
Barium	58.0	35.0	38.0	35.0	29.0
Beryllium	0.450 B	0.330 B	0.330 B	0.270 B	0.230 B
Cadmium	0.390 B	0.280 B	0.200 B	0.350 B	0.170 B
Chromium	15.0	9.20	7.40	11.0	7.80
Cobalt	10.0	9.10	7.40	9.30	7.00
Copper	27.0	20.0	9.60	41.0	12.0
Cyanide	0.210 B	0.0890 B	0.0360 B	0.160 B	0.0650 B
Lead	43.0	22.0	6.90	44.0	9.20
Mercury	0.130	0.0700 B	0.0200 B	0.120 B	0.0270 B
Nickel	15.0	15.0	11.0	16.0	12.0
Selenium	2.80	1.80	1.40	2.50	2.20
Silver	0.170 B	ND(1.00)	0.140 B	0.240 B	0.230 B
Sulfide	6.20 B	92.0	5.80 B	5.80 B	5.60 B
Thallium	ND(1.30)	ND(1.20)	ND(1.20)	ND(1.20)	ND(1.20)
Tin	6.90 B	4.70 B	6.70 B	6.20 B	3.90 B
Vanadium	13.0	9.20	8.20	11.0	9.70
Zinc	85.0	62.0	44.0	79.0	44.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3D-A9-10 0-1 12/01/04	3D-A9-10 1-3 12/01/04	3D-A9-10 3-5 12/01/04	3D-A9-11 0-1 12/01/04
Semivolatile Organics				
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
1,4-Dichlorobenzene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
2,4,5-Trichlorophenol	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
2,4-Dinitrotoluene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
2-Methylnaphthalene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
3&4-Methylphenol	ND(0.75)	ND(0.77)	ND(0.76) [ND(0.76)]	ND(0.85)
4-Bromophenyl-phenylether	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
4-Chlorobenzilate	ND(0.75)	ND(0.77)	ND(0.76) [ND(0.76)]	ND(0.85)
Acenaphthene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Acenaphthylene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.38 J
Acetophenone	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Anthracene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.29 J
Benzidine	ND(0.75)	ND(0.77)	ND(0.76) [ND(0.76)]	ND(0.85)
Benzo(a)anthracene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	1.0
Benzo(a)pyrene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.64
Benzo(b)fluoranthene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.58
Benzo(g,h,i)perylene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.33 J
Benzo(k)fluoranthene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.51
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.38)	ND(0.37) [ND(0.38)]	ND(0.42)
Butylbenzylphthalate	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Chrysene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.81
Dibenzo(a,h)anthracene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Dibenzofuran	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Di-n-Butylphthalate	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Fluoranthene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	1.3
Fluorene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.32 J
Naphthalene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Pentachlorobenzene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	ND(0.42)
Phenanthrene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	0.43
Pyrene	ND(0.37)	ND(0.38)	ND(0.38) [ND(0.38)]	1.4
Furans				
2,3,7,8-TCDF	0.0000012 Y	ND(0.00000025)	ND(0.00000030) [ND(0.00000045)]	0.000068 Y
TCDFs (total)	0.000021	ND(0.00000025)	ND(0.00000030) [ND(0.00000045)]	0.00043
1,2,3,7,8-PeCDF	ND(0.00000056)	ND(0.0000016)	ND(0.0000014) [ND(0.00000090)]	0.000052
2,3,4,7,8-PeCDF	ND(0.00000089)	ND(0.0000015)	ND(0.0000013) [ND(0.00000087)]	0.000050
PeCDFs (total)	0.0000035	ND(0.0000016)	ND(0.0000014) [ND(0.00000090)]	0.00040
1,2,3,4,7,8-HxCDF	ND(0.0000022)	ND(0.0000020)	ND(0.0000018) [ND(0.0000013)]	0.000082
1,2,3,6,7,8-HxCDF	ND(0.0000017)	ND(0.0000019)	ND(0.0000017) [ND(0.0000013)]	0.000037
1,2,3,7,8,9-HxCDF	ND(0.00000090)	ND(0.0000024)	ND(0.0000021) [ND(0.0000016)]	ND(0.0000033) X
2,3,4,6,7,8-HxCDF	ND(0.00000079)	ND(0.0000021)	ND(0.0000018) [ND(0.0000014)]	0.000021
HxCDFs (total)	0.0000097	ND(0.0000024)	ND(0.0000021) [ND(0.0000016)]	0.00042
1,2,3,4,6,7,8-HpCDF	0.0000091	ND(0.0000012)	ND(0.0000012) [ND(0.00000091)]	0.00017
1,2,3,4,7,8,9-HpCDF	ND(0.0000011)	ND(0.0000015)	ND(0.0000015) [ND(0.0000011)]	0.000032
HpCDFs (total)	0.000017	ND(0.0000015)	ND(0.0000015) [ND(0.0000011)]	0.00038
OCDF	0.0000064 J	ND(0.0000023)	ND(0.0000023) [ND(0.0000018)]	0.00019

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3D-A9-10 0-1 12/01/04	3D-A9-10 1-3 12/01/04	3D-A9-10 3-5 12/01/04	3D-A9-11 0-1 12/01/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000032)	ND(0.00000032)	ND(0.00000043) [ND(0.00000024)]	0.0000018
TCDDs (total)		ND(0.00000032)	ND(0.00000032)	ND(0.00000043) [ND(0.00000024)]	0.000017
1,2,3,7,8-PeCDD		ND(0.00000057)	ND(0.0000020)	ND(0.0000021) [ND(0.0000012)]	ND(0.0000034) X
PeCDDs (total)		ND(0.00000087)	ND(0.0000020)	ND(0.0000021) [ND(0.0000012)]	0.0000057
1,2,3,4,7,8-HxCDD		ND(0.00000068)	ND(0.0000022)	ND(0.0000018) [ND(0.0000016)]	ND(0.0000030)
1,2,3,6,7,8-HxCDD		ND(0.00000062)	ND(0.0000020)	ND(0.0000016) [ND(0.0000015)]	0.0000071
1,2,3,7,8,9-HxCDD		ND(0.00000063)	ND(0.0000021)	ND(0.0000016) [ND(0.0000015)]	0.0000057 J
HxCDDs (total)		ND(0.0000018)	ND(0.0000022)	ND(0.0000018) [ND(0.0000016)]	0.000064
1,2,3,4,6,7,8-HpCDD		0.0000044 J	ND(0.0000022)	ND(0.0000019) [ND(0.0000015)]	0.000085
HpCDDs (total)		0.0000082	ND(0.0000022)	ND(0.0000019) [ND(0.0000015)]	0.00016
OCDD		0.000025	ND(0.0000046)	ND(0.0000028) [ND(0.0000042)]	0.00067
Total TEQs (WHO TEFs)		0.0000013	0.0000023	0.0000023 [0.0000015]	0.000056
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00) [ND(6.00)]	ND(6.00)
Arsenic		4.80	4.20	6.60 [5.00]	3.50
Barium		19.0 B	15.0 B	38.0 [35.0]	44.0
Beryllium		0.240 B	0.180 B	0.420 B [0.270 B]	0.280 B
Cadmium		0.150 B	0.0860 B	0.300 B [0.190 B]	0.330 B
Chromium		7.70	5.40	8.60 [6.50]	10.0
Cobalt		7.40	4.60 B	11.0 [9.00]	6.90
Copper		17.0	8.40	18.0 [18.0]	27.0
Cyanide		0.0460 B	0.0630 B	0.0530 B [0.0400 B]	0.140
Lead		9.80	6.80	9.20 [11.0]	39.0
Mercury		0.0220 B	0.0190 B	0.0160 B [ND(0.110)]	0.110 B
Nickel		12.0	8.40	21.0 [15.0]	12.0
Selenium		1.90	1.70	2.80 [1.50]	1.60
Silver		0.120 B	0.150 B	ND(1.00) [0.160 B]	0.220 B
Sulfide		5.40 B	ND(5.70)	5.40 B [5.40 B]	10.0
Thallium		ND(1.10)	ND(1.10)	ND(1.10) [ND(1.10)]	ND(1.30)
Tin		3.60 B	3.80 B	3.60 B [3.40 B]	7.40 B
Vanadium		7.20	8.30	8.60 [5.60]	9.10
Zinc		35.0	31.0	64.0 [33.0]	160

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID:	3D-A9-11	3D-A9-12	3D-A9-12	3D-A9-13	3D-A9-13
Sample Depth (Feet):	1-3	0-1	1-3	0-1	1-3
Parameter / Date Collected:	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
1,4-Dichlorobenzene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
2,4,5-Trichlorophenol	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
2,4-Dinitrotoluene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
2-Methylnaphthalene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
3&4-Methylphenol	ND(0.84)	ND(0.85)	ND(0.76)	ND(0.87)	ND(0.78)
4-Bromophenyl-phenylether	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
4-Chlorobenzilate	ND(0.84)	ND(0.85)	ND(0.76)	ND(0.87)	ND(0.78)
Acenaphthene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Acenaphthylene	ND(0.42)	ND(0.42)	ND(0.38)	0.40 J	0.26 J
Acetophenone	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Anthracene	ND(0.42)	ND(0.42)	ND(0.38)	0.28 J	0.17 J
Benzidine	ND(0.84)	ND(0.85)	ND(0.76)	ND(0.87)	ND(0.78)
Benzo(a)anthracene	ND(0.42)	ND(0.42)	0.21 J	0.67	0.22 J
Benzo(a)pyrene	ND(0.42)	ND(0.42)	ND(0.38)	0.54	ND(0.38)
Benzo(b)fluoranthene	ND(0.42)	ND(0.42)	0.22 J	0.56	0.24 J
Benzo(g,h,i)perylene	ND(0.42)	ND(0.42)	ND(0.38)	0.31 J	ND(0.38)
Benzo(k)fluoranthene	ND(0.42)	ND(0.42)	ND(0.38)	0.38 J	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.41)	ND(0.42)	ND(0.37)	0.90	ND(0.38)
Butylbenzylphthalate	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Chrysene	ND(0.42)	ND(0.42)	0.091 J	0.54	0.10 J
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Dibenzofuran	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Di-n-Butylphthalate	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Fluoranthene	ND(0.42)	ND(0.42)	0.091 J	0.94	0.13 J
Fluorene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.42)	ND(0.42)	ND(0.38)	0.31 J	ND(0.38)
Naphthalene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Pentachlorobenzene	ND(0.42)	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Phenanthrene	ND(0.42)	ND(0.42)	ND(0.38)	0.34 J	ND(0.38)
Pyrene	ND(0.42)	0.10 J	0.15 J	1.0	0.17 J
Furans					
2,3,7,8-TCDF	0.0000028 Y	0.0000017 Y	0.0000014 Y	0.0000086 Y	0.0000030 Y
TCDFs (total)	0.0000090	0.000012	0.000011	0.000039	0.000013
1,2,3,7,8-PeCDF	ND(0.0000028)	ND(0.0000016)	ND(0.0000013)	0.0000036 J	ND(0.00000090)
2,3,4,7,8-PeCDF	ND(0.0000027)	ND(0.0000016)	ND(0.0000012)	0.0000048 J	ND(0.0000011)
PeCDFs (total)	0.0000043	0.0000049	0.0000046	0.000055	0.0000032
1,2,3,4,7,8-HxCDF	ND(0.0000041) X	ND(0.0000025)	0.0000043 J	0.0000052 J	ND(0.0000018)
1,2,3,6,7,8-HxCDF	ND(0.0000039) X	ND(0.0000024)	ND(0.0000016)	0.0000043 J	ND(0.0000012)
1,2,3,7,8,9-HxCDF	ND(0.0000048) X	ND(0.0000030)	ND(0.0000020)	ND(0.00000027)	ND(0.00000011)
2,3,4,6,7,8-HxCDF	ND(0.0000043) X	ND(0.0000026)	ND(0.0000018)	0.0000051 J	ND(0.00000072)
HxCDFs (total)	0.0000086	0.000019	0.000022	0.000098	0.0000091
1,2,3,4,6,7,8-HpCDF	0.0000078 J	0.000016	0.000017	0.000038	0.000021
1,2,3,4,7,8,9-HpCDF	ND(0.0000025)	ND(0.0000018)	ND(0.0000023)	ND(0.0000018)	ND(0.00000067)
HpCDFs (total)	0.000014	0.000029	0.000032	0.000074	0.000036
OCDF	0.0000091 J	0.0000094 J	0.000011 J	0.000029	0.000014

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3D-A9-11 1-3 12/01/04	3D-A9-12 0-1 12/01/04	3D-A9-12 1-3 12/01/04	3D-A9-13 0-1 12/01/04	3D-A9-13 1-3 12/01/04
Dioxins						
2,3,7,8-TCDD		ND(0.0000011) X	ND(0.0000011) X	ND(0.00000061) X	ND(0.00000016)	ND(0.000000098)
TCDDs (total)		ND(0.0000011)	ND(0.0000011)	0.00000071	ND(0.00000057)	ND(0.00000022)
1,2,3,7,8-PeCDD		ND(0.0000026)	ND(0.0000025)	ND(0.0000015)	ND(0.00000070)	ND(0.00000021)
PeCDDs (total)		ND(0.0000026)	ND(0.0000025)	ND(0.0000015)	ND(0.00000088)	ND(0.00000039)
1,2,3,4,7,8-HxCDD		ND(0.0000041) X	ND(0.0000027)	ND(0.0000014)	ND(0.00000075)	ND(0.00000028)
1,2,3,6,7,8-HxCDD		ND(0.0000037) X	ND(0.0000024)	ND(0.0000013)	ND(0.0000015)	ND(0.00000053)
1,2,3,7,8,9-HxCDD		ND(0.0000038) X	ND(0.0000025)	ND(0.0000013)	ND(0.0000014)	ND(0.00000053)
HxCDDs (total)		ND(0.0000041)	ND(0.0000027)	0.0000029	0.0000052	ND(0.0000019)
1,2,3,4,6,7,8-HpCDD		0.0000047 J	0.0000070	0.0000058	0.000025	0.0000095
HpCDDs (total)		0.0000088	0.000013	0.000012	0.000050	0.000018
OCDD		0.000032	0.000035	0.000034	0.00022	0.000095
Total TEQs (WHO TEFs)		0.0000045	0.0000036	0.0000027	0.0000062	0.0000013
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		2.70	4.90	5.10	8.50	4.70
Barium		55.0	25.0	29.0	46.0	32.0
Beryllium		0.360 B	0.170 B	0.220 B	0.260 B	0.280 B
Cadmium		0.170 B	0.180 B	0.190 B	0.240 B	ND(0.500)
Chromium		8.60	6.60	7.20	11.0	10.0
Cobalt		7.80	8.00	7.80	8.80	8.10
Copper		9.40	18.0	17.0	26.0	22.0
Cyanide		0.0660 B	0.320	0.0900 B	0.320	0.0840 B
Lead		6.10	76.0	39.0	120	35.0
Mercury		0.0180 B	0.110 B	0.100 B	0.120 B	0.0630 B
Nickel		11.0	13.0	13.0	16.0	15.0
Selenium		1.90	1.80	1.90	2.40	2.80
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.550 B
Sulfide		10.0	6.10 B	ND(5.70)	ND(6.50)	ND(5.80)
Thallium		ND(1.20)	ND(1.30)	ND(1.10)	ND(1.30)	ND(1.20)
Tin		4.10 B	4.10 B	3.70 B	6.10 B	4.70 B
Vanadium		9.90	6.70	7.50	12.0	10.0
Zinc		49.0	44.0	48.0	99.0	68.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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)

Sample ID: / Sample Depth (Feet): / Parameter / Date Collected:	3D-A9-14 0-1 12/01/04	3D-A9-14 1-3 12/01/04	3D-A9-14 3-5 12/01/04	3D-A9-15 0-1 12/01/04	3D-A9-15 1-3 12/01/04
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
1,4-Dichlorobenzene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
2,4,5-Trichlorophenol	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
2,4-Dinitrotoluene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
2-Methylnaphthalene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
3&4-Methylphenol	ND(0.87)	ND(0.77)	ND(0.75)	ND(0.88)	ND(0.87)
4-Bromophenyl-phenylether	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
4-Chlorobenzilate	ND(0.87)	ND(0.77)	ND(0.75)	ND(0.88)	ND(0.87)
Acenaphthene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Acenaphthylene	0.39 J	0.29 J	ND(0.37)	0.29 J	ND(0.43)
Acetophenone	ND(0.43)	ND(0.38)	ND(0.37)	0.47	ND(0.43)
Anthracene	0.19 J	ND(0.38)	ND(0.37)	0.28 J	ND(0.43)
Benzidine	ND(0.87)	ND(0.77)	ND(0.75)	ND(0.88)	ND(0.87)
Benzo(a)anthracene	0.53	0.24 J	ND(0.37)	0.63	0.24 J
Benzo(a)pyrene	0.37 J	ND(0.38)	ND(0.37)	0.55	ND(0.43)
Benzo(b)fluoranthene	0.44	ND(0.38)	ND(0.37)	0.58	ND(0.43)
Benzo(g,h,i)perylene	0.24 J	ND(0.38)	ND(0.37)	0.39 J	ND(0.43)
Benzo(k)fluoranthene	0.27 J	ND(0.38)	ND(0.37)	0.43 J	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Butylbenzylphthalate	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Chrysene	0.33 J	0.10 J	ND(0.37)	0.56	0.072 J
Dibenzo(a,h)anthracene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Dibenzofuran	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Di-n-Butylphthalate	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Fluoranthene	0.50	0.092 J	ND(0.37)	1.0	0.072 J
Fluorene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Indeno(1,2,3-cd)pyrene	0.17 J	ND(0.38)	ND(0.37)	0.28 J	ND(0.43)
Naphthalene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Pentachlorobenzene	ND(0.43)	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Phenanthrene	0.16 J	ND(0.38)	ND(0.37)	0.41 J	ND(0.43)
Pyrene	0.72	0.14 J	ND(0.37)	1.1	0.13 J
Furans					
2,3,7,8-TCDF	0.000016 Y	0.0000013 Y	0.0000017 Y	0.000011 Y	0.0000011 JY
TCDFs (total)	0.000062	0.0000021	0.0000067	0.000047	0.0000017
1,2,3,7,8-PeCDF	0.0000082	ND(0.00000052)	ND(0.00000044)	0.0000036 J	ND(0.00000037)
2,3,4,7,8-PeCDF	0.0000092	ND(0.00000040)	ND(0.00000059)	0.0000051 J	ND(0.00000035)
PeCDFs (total)	0.000091	ND(0.0000023)	ND(0.0000017)	0.000070	ND(0.0000020)
1,2,3,4,7,8-HxCDF	0.000039	ND(0.0000010)	ND(0.00000072)	0.0000032 J	ND(0.00000051)
1,2,3,6,7,8-HxCDF	0.000022 I	ND(0.00000059)	ND(0.00000049)	0.0000049 J	ND(0.00000034)
1,2,3,7,8,9-HxCDF	ND(0.00000053)	ND(0.00000011)	ND(0.000000083)	ND(0.00000026)	ND(0.000000046)
2,3,4,6,7,8-HxCDF	0.0000083	ND(0.00000019)	ND(0.00000035)	0.0000050 J	ND(0.00000030)
HxCDFs (total)	0.00023	ND(0.0000017)	ND(0.0000011)	0.000072	ND(0.00000096)
1,2,3,4,6,7,8-HpCDF	0.00020	0.0000038 J	0.0000028 J	0.000014	ND(0.00000075)
1,2,3,4,7,8,9-HpCDF	0.000014	ND(0.00000037)	ND(0.00000017)	ND(0.0000012)	ND(0.00000012)
HpCDFs (total)	0.00036	0.0000072	0.0000028	0.000031	ND(0.00000075)
OCDF	0.00012	ND(0.0000029)	ND(0.0000016)	0.000024	ND(0.00000082)

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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: / Sample Depth (Feet): / Date Collected:	3D-A9-14 0-1 12/01/04	3D-A9-14 1-3 12/01/04	3D-A9-14 3-5 12/01/04	3D-A9-15 0-1 12/01/04	3D-A9-15 1-3 12/01/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000059)	ND(0.00000011)	ND(0.000000072)	ND(0.00000034)	ND(0.000000072)
TCDDs (total)		0.0000057	ND(0.00000014)	ND(0.00000011)	ND(0.00000054)	ND(0.00000014)
1,2,3,7,8-PeCDD		ND(0.0000029)	ND(0.00000015)	ND(0.00000013)	ND(0.0000012)	ND(0.000000033)
PeCDDs (total)		0.000014	ND(0.00000026)	ND(0.00000013)	ND(0.0000014)	ND(0.00000020)
1,2,3,4,7,8-HxCDD		0.0000033 J	ND(0.00000020)	ND(0.000000050)	ND(0.00000085)	ND(0.000000033)
1,2,3,6,7,8-HxCDD		0.0000059 J	ND(0.00000020)	ND(0.00000020)	0.0000035 J	ND(0.00000022)
1,2,3,7,8,9-HxCDD		0.0000053 J	ND(0.00000026)	ND(0.00000017)	ND(0.0000030)	ND(0.00000014)
HxCDDs (total)		0.000070	ND(0.00000087)	ND(0.00000059)	0.000026	ND(0.00000042)
1,2,3,4,6,7,8-HpCDD		0.000055	ND(0.0000018)	ND(0.0000018)	0.000037	ND(0.0000013)
HpCDDs (total)		0.00011	ND(0.0000018)	ND(0.0000018)	0.000089	ND(0.0000015)
OCDD		0.00035	0.000012	0.0000094 J	0.00027	0.0000074 J
Total TEQs (WHO TEFs)		0.000019	0.00000055	0.00000057	0.0000070	0.00000035
Inorganics						
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		5.90	6.00	6.70	8.80	7.20
Barium		40.0	33.0	29.0	59.0	48.0
Beryllium		0.340 B	0.380 B	0.280 B	0.330 B	0.360 B
Cadmium		0.190 B	0.140 B	0.0940 B	0.770	0.230 B
Chromium		13.0	9.90	8.00	12.0	5.20
Cobalt		9.60	10.0	8.80	8.20	11.0
Copper		25.0	21.0	19.0	31.0	30.0
Cyanide		0.180	0.0510 B	0.0440 B	2.70	0.170 B
Lead		36.0	18.0	39.0	130	86.0
Mercury		0.0920 B	0.0230 B	0.0320 B	0.160	0.0620 B
Nickel		18.0	20.0	16.0	20.0	9.90
Selenium		2.30	2.70	2.60	3.00	1.80
Silver		ND(1.00)	ND(1.00)	0.260 B	0.160 B	ND(1.00)
Sulfide		ND(6.50)	ND(5.70)	ND(5.60)	ND(6.60)	6.20 B
Thallium		ND(1.30)	ND(1.10)	ND(1.10)	ND(1.30)	ND(1.30)
Tin		6.50 B	5.10 B	7.10 B	11.0	5.50 B
Vanadium		12.0	10.0	9.10	18.0	18.0
Zinc		91.0	63.0	60.0	210	56.0

TABLE 16&17-4
APPENDIX IX+3 DATA RECEIVED DURING DECEMBER 2004

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.
5. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

E - Analyte exceeded calibration range.
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.
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)
DECEMBER 2004

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)
DECEMBER 2004

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

a. Activities Undertaken/Completed

- Participated in December 1, 2004 CCC meeting to present recent and upcoming activities; a copy of that presentation is attached to this item.

- 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 Proposal for Supplemental Pre-Design Investigations Regarding Metals in Sediment and Pore Water (December 14, 2004).

- Submitted revised pages and table for Pre-Design Investigation Report for Silver Lake Sediments (December 15, 2004).

- Submitted letter to EPA confirming meeting on January 5, 2005 to discuss outline of bench-scale study work plan for sediments, and confirming extension of time for GE to submit work plan for bench-scale study until January 20, 2005, assuming no new developments as a result of meeting (December 20, 2005).

d. Upcoming Scheduled Activities (next six weeks)

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

- Meet with EPA and natural resource trustees on January 5, 2005, to present outline of bench-scale study work plan for agreement on objectives and direction of bench-scale studies.

- Submit bench-scale study work plan for sediments (due to EPA by January 20, 2005, assuming no new developments as a result of January 5 meeting).

- Awaiting EPA review of GE's September 29, 2004 Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake.

ITEM 20
(cont'd)
OTHER AREAS
SILVER LAKE AREA
(GECD600)
DECEMBER 2004

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Citizens Coordinating Council Meeting Silver Lake

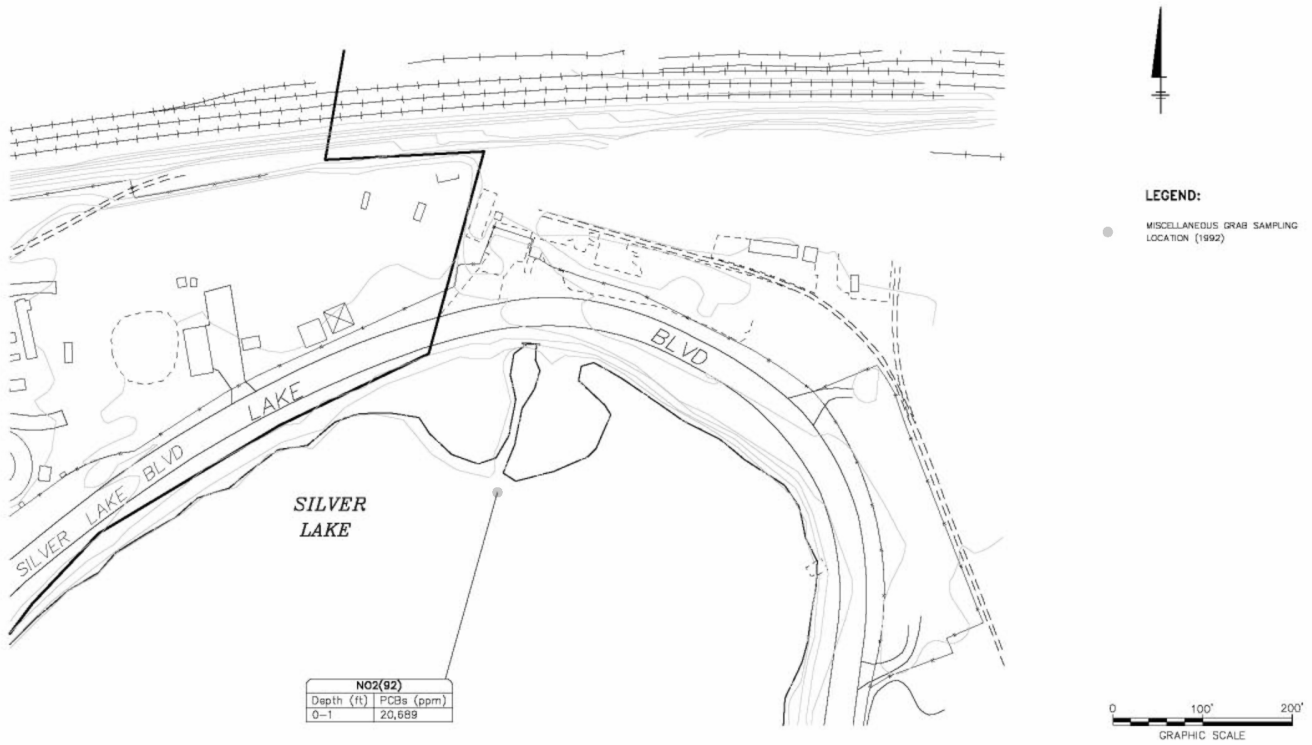
December 1, 2004
Pittsfield, Massachusetts

Silver Lake – Overview of Project

- Consent Decree (CD) entered on October 27, 2000 requires GE to perform a number of activities related to Silver Lake.
- Project is currently in the pre-design phase. Design and construction will occur over the next several years.
- CD-required activities include:
  - Sediment removal in northeast corner of Lake
  - Placement of a cap over the sediments
  - Remediation of bank soils
  - Performance of inspections and monitoring
  - Performance of natural resource enhancement projects

Sediment Removal

- Performance Standard: Removal of 400 cy of sediment from vicinity of sample NO2.



Sediment Removal (cont'd)

- *Summary of Pre-Design Activities*
  - Sediment samples taken at 8 locations in vicinity of previous sample NO2
  - Samples analyzed from 0-1 foot and 1-3 foot depths
  - Concentrations ranged from 103 to 36,000 ppm
  - Removal area will be selected to encompass locations with higher PCB concentrations

Sediment Capping

- Performance Standard: Install a cap over the entire bottom of Silver Lake that meets the following minimum design standards:
  - A presumptive thickness of 10 inches if geotextile is placed between the sediments and the cap or 12 inches if geotextile is not placed.
    - Isolation layer with a presumptive thickness of 6 inches.
    - Additional 4 - 6 inches to account for bioturbation and mixing.
  - The silty sand cap material will contain a minimum of 0.5% total organic carbon (TOC).
  - Armoring layer along shoreline to prevent erosion.
  - Pre-design investigations will be needed to confirm the design parameters used to support the presumptive thickness and TOC of the isolation layer.

Sediment Capping *(cont'd)*

Summary of Pre-Design Activities

- **Testing included:**
  - Benthic macro invertebrate survey
  - Radio-chemical analysis
  - Sediment pore water analysis
  - Groundwater seepage meter and piezometer installation/monitoring
- **Testing results confirmed:**
  - Design parameters used to support the presumptive isolation layer thickness (6-inch layer of sand with at least 0.5% TOC) are conservative.
  - A bioturbation protection layer of 6 inches is sufficient for cap design.

Sediment Capping *(cont'd)*

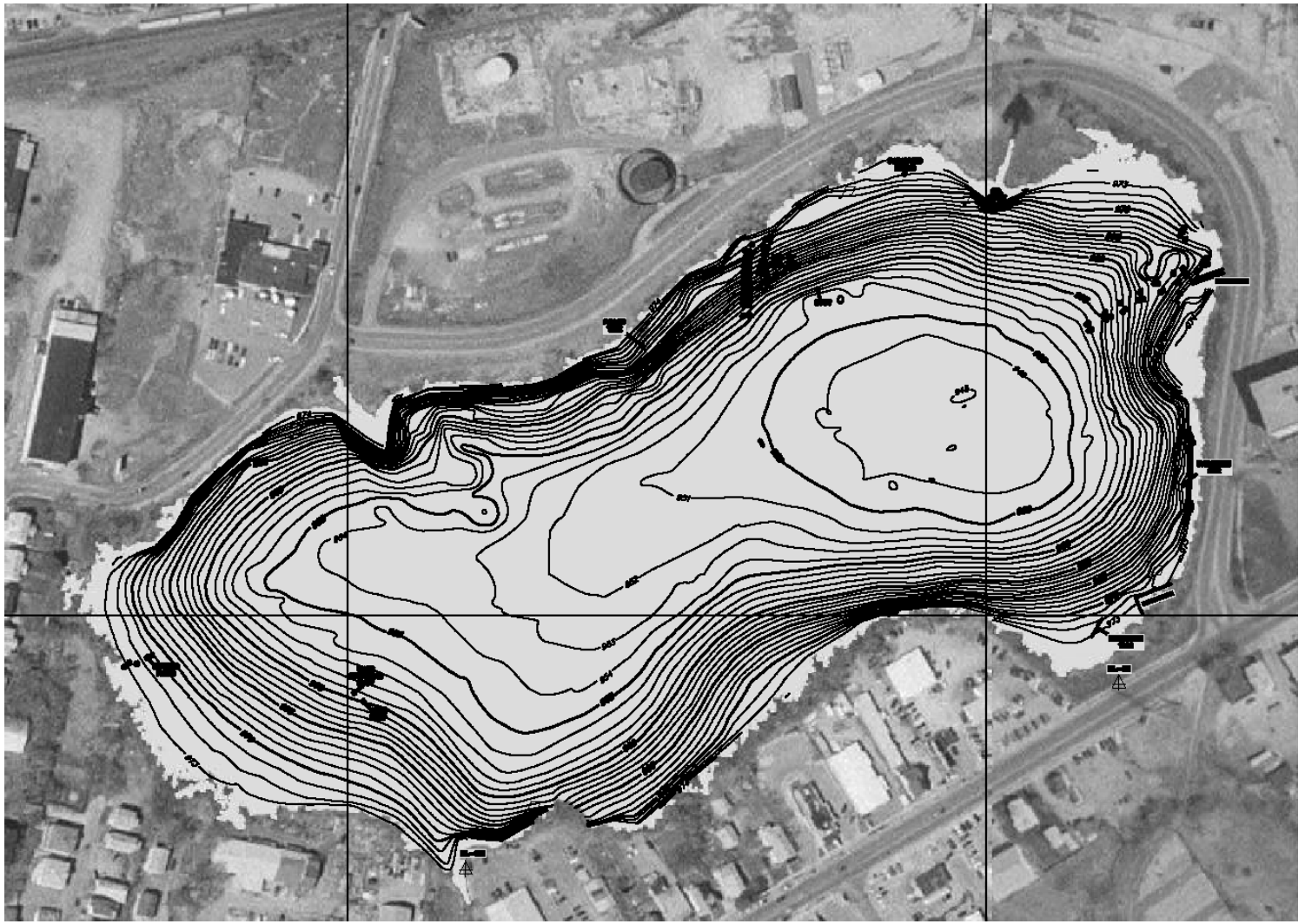
Additional Construction-Related Activities

- **During pre-design investigations, data was collected to assist in the design and construction of the cap:**
  - Lake bottom surface profiling
  - Side scan sonar survey
  - Sediment geotechnical properties

Summary of Results

- Map of lake bottom developed for use in cap design and construction.
- Debris and remnant structures identified. Some may require removal prior to cap placement.
- Several feet of soft silts and marl throughout lake which may compress following cap placement.
- Based on results, further assessment of cap placement techniques proposed via bench-scale and pilot-scale studies.

Silver Lake Bathymetric Survey

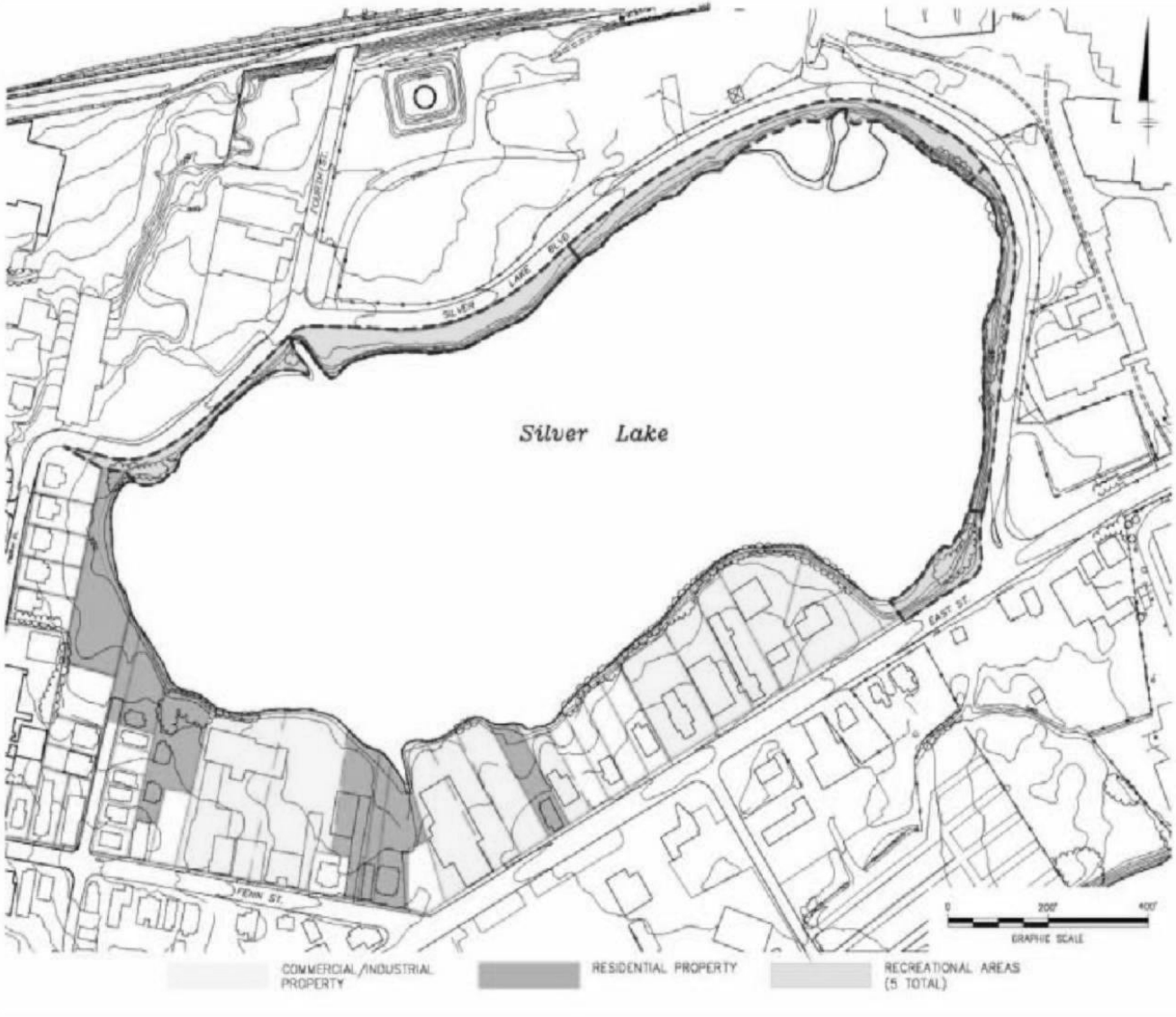


Silver Lake Bank Soils

Overview

- Consent Decree establishes Performance Standards for bank soils around perimeter of Silver Lake.
  - Seven residential properties
  - Five recreational areas
  - Eleven commercial/industrial properties
- Four residential properties adjacent to Lake previously remediated by GE under MDEP oversight.
- PCB-related Performance Standards consistent with other areas covered by CD.
  - Residential banks → 2 ppm PCBs
  - Non-residential banks → 10 to 15 ppm PCBs

Silver Lake Bank Soils



Silver Lake Bank Soils (cont'd)

Current Status of Activities

- Pre-Design soil investigations initiated in June 2003.
- Summary of recent sampling:
  - PCBs: 315 Samples from 150 Locations
  - Non-PCB constituents: 110 Samples from 55 Locations
- For several properties, the sampling results indicate that PCBs in soils extend from bank areas to non-bank areas.
- Further supplemental investigations required at several properties.
- Following additional sampling, GE will evaluate need for and extent of cleanup.

Natural Resource Restoration/ Enhancement Activities

- The CD requires GE to perform several natural resource restoration/enhancement activities related to Silver Lake:
  - Plant trees and understory plant species along recreational portions of the eastern and northern banks.
  - Construct a shallow water shelf along Lake shorelines to improve aquatic habitat.
  - Following capping of peninsula in northeast corner of Lake, plant appropriate wetlands plant species.
  - Provide specified funds to Trustees to improve littoral habitat and to remove/replace the fish community.
  - Construct a walking path and two picnic areas on the northern and eastern sides of the Lake.

Inspections and Monitoring

- The CD also requires GE to perform various inspection and monitoring activities:
  - Periodic inspections of cap thickness and the shoreline armoring system.
  - Sampling of cap isolation layer.
  - Meet plant survivability standards.
- If necessary, GE will evaluate corrective actions and implement them upon approval.

Status/Next Steps

- Pre-design soil investigations initiated in June 2003; Nearly complete.
- Pre-design sediment investigations initiated in 2003; Pre-design report conditionally approved 11/04. Supplemental investigation activities to be performed.
- Bench-scale capping study work plan under development. Work will be conducted over winter.
- Pilot-scale capping study anticipated to be initiated in 2005.
- Conceptual RD/RA Work Plan to be developed following completion of pilot scale capping study.

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
DECEMBER 2004

*** 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 35 gallons of LNAPL was removed from the North Side Caisson, and approximately 4 gallons of LNAPL were removed from the South Side Caisson in December.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.012 liter (0.003 gallon) of LNAPL was removed from wells in this area during December.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 6,674,560 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 1,294 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 66 gallons of DNAPL from pumping system RW-3(X).

- Continued routine well monitoring and manual NAPL removal activities. Approximately 3.92 liters (1.03 gallons) of LNAPL were removed from wells in this area during December.

- Treated/discharged 5,808,605 gallons of water through 64G Groundwater Treatment Facility.

East Street Area 2-North:

- Continued routine well monitoring and manual NAPL removal activities. Recoverable quantities of NAPL were not encountered during December.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
DECEMBER 2004

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 December.

- 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 1.38 liters (0.36 gallon) of DNAPL were removed from wells in this area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 80 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.475 liters (0.389 gallon) of DNAPL were removed from wells in this area during December.

Silver Lake:

- 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)
DECEMBER 2004

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring activities.
- Submit Interim Groundwater Quality Monitoring Report for Fall 2004 (due on or before January 31, 2005).
- Prepare NAPL Monitoring Report for Fall 2004 (due on or before February 28, 2005).
- Possibly install two soil borings downgradient of wells GMA1-15 and GMA1-16 upon EPA approval (see Item 21.f below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

GE's *NAPL Monitoring Report for Fall 2003* contained a number of proposed modifications to the NAPL monitoring/recovery program at this GMA. These included a proposal to advance two soil borings downgradient of wells GMA1-15 and GMA1-16 within one month of EPA approval of that report. The program modifications proposed in that report have not to date been approved by EPA. Following EPA approval, the soil borings will be advanced, the soil boring results will be compared with other soil boring logs in the area, and GE will propose at least two locations for NAPL monitoring well installations.

TABLE 21-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
DNAPL From Well 5N Sampling	78-C0527-OIL-1	12/10/04	Oil	SGS	PCB, Flashpoint	12/17/04

TABLE 21-2
DATA RECEIVED DURING DECEMBER 2004

DNAPL FROM WELL 5N SAMPLING
GROUNDWATER MANAGEMENT AREA 1
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248, -1254	Aroclor-1260	Total PCBs	Flashpoint (^{o}F)
78-C0527-OIL-1	12/10/2004	ND(3900)	410000	410000	>180

Notes:

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

TABLE 21-3
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
December 2004

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	December 2003	0.0	47,300	
	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	
Southside	December 2003	0.0	106,600	
	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 2004	4.0	98,300	

TABLE 21-4
MEASUREMENT AND REMOVAL OF RECOVERABLE LNAPL
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	December 2004 Removal (liters)
34	12/17/2004	5.57	5.560	0.01	0.006	0.006
72	12/17/2004	6.37	6.36	0.01	0.006	0.006

Total Manual LNAPL Removal for December 2004: 0.012 liters
0.003 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-5
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

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									
North Caisson	997.84	12/2/2004	18.20	18.18	0.02	---	19.80	0.00	979.66
North Caisson	997.84	12/8/2004	18.45	18.40	0.05	---	19.80	0.00	979.44
North Caisson	997.84	12/16/2004	18.13	18.12	0.01	---	19.80	0.00	979.72
North Caisson	997.84	12/22/2004	18.34	18.33	0.01	---	19.80	0.00	979.51
North Caisson	997.84	12/29/2004	18.40	18.36	0.04	---	19.80	0.00	979.48
GMA 1 - East Street Area 1 - South									
31R	1000.23	12/17/2004	9.02	---	0.00	---	15.05	0.00	991.21
33	999.50	12/17/2004	5.98	---	0.00	---	21.35	0.00	993.52
34	999.90	12/17/2004	5.57	5.560	0.01	---	21.00	0.00	994.34
72	1000.62	12/17/2004	6.37	6.36	0.01	---	21.98	0.00	994.26
72R	1000.92	12/17/2004	6.23	---	0.00	---	13.30	0.00	994.69
South Caisson	1001.11	12/2/2004	14.10	14.02	0.08	---	15.00	0.00	987.08
South Caisson	1001.11	12/8/2004	14.42	14.35	0.07	---	15.00	0.00	986.76
South Caisson	1001.11	12/16/2004	14.00	13.90	0.10	---	15.00	0.00	987.20
South Caisson	1001.11	12/22/2004	14.42	14.38	0.04	---	15.00	0.00	986.73
South Caisson	1001.11	12/29/2004	14.32	14.23	0.09	---	15.00	0.00	986.87

Notes:

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

TABLE 21-6
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
December 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	December 2003	0		
	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		
64R	December 2003	625	290,500	
	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	
64S System	December 2003	925	1,529,896	1.6 - Low Voltage
	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	
64V [1]	December 2003	2,261	1,719,700	6.7 - Replaced Pump
	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	

TABLE 21-6
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
December 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	December 2003	5	504,000	3.2 - Cleaned Flow Meter
	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	
RW-2(X)	December 2003	0	917,800	
	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	
RW-1(S) [2]	December 2003	0	1,677,094	
	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
RW-1(X)	December 2003	0	575,100	3.2 - Cleaned Flow Meter
	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

TABLE 21-6
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
December 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	December 2003	56		
	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		

Summary of Total Automated Removal		
LNAPL:	**1,294**	**Gallons**
DNAPL:	**66**	**Gallons**
Water:	**6,674,560**	**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 21-7
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
December 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	December 2004 Removal (liters)
13	12/16/2004	16.15	15.98	0.17	0.642	0.642
14	12/16/2004	16.42	15.90	0.52	0.018	0.018
26RR	12/17/2004	22.04	21.00	1.04	0.642	0.642
55	12/16/2004	15.33	14.95	0.38	0.234	0.234
GMA1-15	12/16/2004	14.56	13.33	1.23	0.759	0.759
GMA1-16	12/16/2004	12.04	11.58	0.46	0.284	0.284
GMA1-17W	12/16/2004	16.55	14.38	2.17	1.339	1.339

Total LNAPL Removal 20's, 30's & 40's Complexs for December 2004: 0.000 liters
0.000 gallons

Total LNAPL Removal East Street Area 2 - North for December 2004: 0.000 liters
0.000 gallons

Total LNAPL Removal East Street Area 2 - South for December 2004: 3.918 liters
1.034 gallons

Total LNAPL Removal for December 2004: 3.918 liters
1.034 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-8
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
December 2003	6,406,420	60,343	6,466,763
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

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 21-9
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
December 2004

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	12/13/2004	7.57	---	0.00	---	16.65	0.00	978.81
GMA1-10	984.86	12/13/2004	6.48	---	0.00	---	19.83	0.00	978.38
GMA1-12	992.26	12/13/2004	16.10	---	0.00	---	22.18	0.00	976.16
RF-02	982.43	12/13/2004	4.70	---	0.00	---	18.25	0.00	977.73
RF-03	985.40	12/13/2004	9.35	---	0.00	---	18.50	0.00	976.05
RF-03D	985.31	12/13/2004	6.68	---	0.00	---	35.96	0.00	978.63
RF-16	987.91	12/13/2004	8.82	---	0.00	---	20.58	0.00	979.09
40s Complex									
Bldg. 43 Elev.	NA	11/29/2004	28.31	28.30	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	12/6/2004	28.32	28.31	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	12/13/2004	28.22	28.21	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	12/20/2004	28.27	28.26	0.01	---	61.69	0.00	NA
Bldg. 43 Elev.	NA	12/27/2004	28.11	28.10	0.01	---	61.64	0.00	NA
95-17	1,007.67	12/16/2004	24.15	---	0.00	---	28.50	0.00	983.52
East Street Area 2 - South									
13	990.88	12/16/2004	16.15	15.98	0.17	---	22.54	0.00	974.89
14	991.61	12/16/2004	16.42	15.90	0.52	---	25.73	0.00	975.67
15R	989.23	12/16/2004	Well not measured - underneath demolition debris						NA
26RR	1,000.58	12/17/2004	22.04	21.00	1.04	---	28.54	0.00	979.51
40R	991.60	12/2/2004	17.10	---	0.00	---	25.00	0.00	974.50
40R	991.60	12/8/2004	17.05	P	< 0.01	---	25.00	0.00	974.55
40R	991.60	12/16/2004	16.85	---	0.00	---	25.00	0.00	974.75
40R	991.60	12/22/2004	15.60	---	0.00	---	25.00	0.00	976.00
40R	991.60	12/29/2004	17.15	---	0.00	---	25.00	0.00	974.45
49R	988.71	12/16/2004	13.82	---	0.00	---	24.88	0.00	974.89
49RR	989.80	12/16/2004	14.92	---	0.00	---	23.06	0.00	974.88
55	989.45	12/16/2004	15.33	14.95	0.38	---	30.02	0.00	974.47
64R	993.37	12/2/2004	17.03	16.75	0.28	---	19.00	0.00	976.60
64R	993.37	12/8/2004	17.00	16.75	0.25	---	19.00	0.00	976.60
64R	993.37	12/16/2004	16.87	16.63	0.24	---	19.00	0.00	976.72
64R	993.37	12/22/2004	17.36	17.10	0.26	---	19.00	0.00	976.25
64R	993.37	12/29/2004	16.93	16.58	0.35	---	19.00	0.00	976.77
64S	984.48	12/2/2004	21.43	---	0.00	---	28.70	0.00	963.05
64S	984.48	12/8/2004	21.45	P	< 0.01	---	28.70	0.00	963.03
64S	984.48	12/16/2004	20.10	P	< 0.01	---	28.70	0.00	964.38
64S	984.48	12/22/2004	20.20	---	0.00	---	28.70	0.00	964.28
64S	984.48	12/29/2004	19.95	P	< 0.01	---	28.70	0.00	964.53
64S-Caisson	NA	12/2/2004	9.98	9.96	0.02	---	14.55	0.00	NA
64S-Caisson	NA	12/8/2004	9.98	9.96	0.02	---	14.55	0.00	NA
64S-Caisson	NA	12/16/2004	10.00	9.98	0.02	---	14.55	0.00	NA
64S-Caisson	NA	12/22/2004	10.10	10.06	0.04	---	14.55	0.00	NA
64S-Caisson	NA	12/29/2004	10.02	10.00	0.02	---	14.55	0.00	NA
64V	987.29	12/2/2004	22.00	21.25	0.75	P	29.60	< 0.01	965.99

TABLE 21-9
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
December 2004

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	12/8/2004	21.75	21.20	0.55	P	29.60	< 0.01	966.05
64V	987.29	12/16/2004	21.90	21.50	0.40	---	29.60	0.00	965.76
64V	987.29	12/22/2004	22.10	21.60	0.50	P	29.60	< 0.01	965.66
64V	987.29	12/29/2004	22.00	21.45	0.55	P	29.60	< 0.01	965.80
64X(N)	984.83	12/2/2004	10.00	9.90	0.10	---	15.85	0.00	974.92
64X(N)	984.83	12/8/2004	10.80	10.65	0.15	---	15.85	0.00	974.17
64X(N)	984.83	12/16/2004	10.52	10.40	0.12	---	15.85	0.00	974.42
64X(N)	984.83	12/22/2004	11.96	11.90	0.06	---	15.85	0.00	972.93
64X(N)	984.83	12/29/2004	11.58	11.48	0.10	---	15.85	0.00	973.34
64X(S)	981.56	12/2/2004	12.62	P	< 0.01	---	23.82	0.00	968.94
64X(S)	981.56	12/8/2004	13.20	P	< 0.01	---	23.82	0.00	968.36
64X(S)	981.56	12/16/2004	13.15	13.14	0.01	---	23.82	0.00	968.42
64X(S)	981.56	12/22/2004	14.62	P	< 0.01	---	23.82	0.00	966.94
64X(S)	981.56	12/29/2004	14.20	P	< 0.01	---	23.82	0.00	967.36
64X(W)	984.87	12/2/2004	15.85	15.83	0.02	---	24.35	0.00	969.04
64X(W)	984.87	12/8/2004	16.42	16.40	0.02	---	24.35	0.00	968.47
64X(W)	984.87	12/16/2004	16.40	16.38	0.02	---	24.35	0.00	968.49
64X(W)	984.87	12/22/2004	17.84	17.82	0.02	---	24.35	0.00	967.05
64X(W)	984.87	12/29/2004	17.41	17.39	0.02	---	24.35	0.00	967.48
95-01	983.77	12/16/2004	8.45	---	0.00	---	17.20	0.00	975.32
3-6C-EB-22	986.94	12/16/2004	11.94	---	0.00	---	20.02	0.00	975.00
E2SC-23	992.07	12/16/2004	15.93	---	0.00	---	21.15	0.00	976.14
E2SC-24	987.90	12/16/2004	13.72	---	0.00	---	21.60	0.00	974.18
GMA1-14	997.43	12/16/2004	18.28	---	0.00	---	23.60	0.00	979.15
GMA1-15	988.59	12/16/2004	14.56	13.33	1.23	---	17.83	0.00	975.17
GMA1-16	986.82	12/16/2004	12.04	11.58	0.46	---	20.00	0.00	975.21
GMA1-17E	993.03	12/16/2004	14.30	---	0.00	---	17.32	0.00	978.73
GMA1-17W	992.63	12/16/2004	16.55	14.38	2.17	---	23.35	0.00	978.10
HR-G2-MW-1	982.60	12/16/2004	8.51	---	0.00	---	18.23	0.00	974.09
HR-G2-MW-2	981.39	12/16/2004	6.65	---	0.00	---	17.66	0.00	974.74
HR-G2-MW-3	987.14	12/16/2004	12.50	---	0.00	---	21.98	0.00	974.64
HR-G2-RW-1	976.88	12/16/2004	3.40	3.39	0.01	---	18.70	0.00	974.35
RW-1(S)	987.23	12/2/2004	21.00	18.00	3.00	---	28.60	0.00	969.02
RW-1(S)	987.23	12/8/2004	19.40	17.70	1.70	P	28.60	< 0.01	969.41
RW-1(S)	987.23	12/16/2004	12.90	12.10	0.80	P	28.60	< 0.01	975.07
RW-1(S)	987.23	12/22/2004	22.00	18.40	3.60	---	28.60	0.00	968.58
RW-1(S)	987.23	12/29/2004	21.00	18.80	2.20	P	28.60	< 0.01	968.28
RW-1(X)	982.68	12/2/2004	14.73	---	0.00	---	20.80	0.00	967.95
RW-1(X)	982.68	12/8/2004	15.90	---	0.00	---	20.80	0.00	966.78
RW-1(X)	982.68	12/16/2004	16.85	---	0.00	---	20.80	0.00	965.83
RW-1(X)	982.68	12/22/2004	15.50	---	0.00	---	20.80	0.00	967.18
RW-1(X)	982.68	12/29/2004	9.60	---	0.00	---	20.80	0.00	973.08
RW-2(X)	985.96	12/2/2004	11.25	---	0.00	---	15.30	0.00	974.71
RW-2(X)	985.96	12/8/2004	12.05	---	0.00	---	15.30	0.00	973.91

TABLE 21-9
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
December 2004

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-2(X)	985.96	12/16/2004	11.90	---	0.00	---	15.30	0.00	974.06
RW-2(X)	985.96	12/22/2004	13.96	---	0.00	---	15.30	0.00	972.00
RW-2(X)	985.96	12/29/2004	13.15	---	0.00	---	15.30	0.00	972.81
RW-3(X)	980.28	12/2/2004	6.55	---	0.00	41.60	44.40	2.80	973.73
RW-3(X)	980.28	12/8/2004	7.00	---	0.00	41.80	44.40	2.60	973.28
RW-3(X)	980.28	12/16/2004	7.10	---	0.00	41.80	44.40	2.60	973.18
RW-3(X)	980.28	12/22/2004	8.46	---	0.00	42.20	44.40	2.20	971.82
RW-3(X)	980.28	12/29/2004	8.20	---	0.00	42.00	44.40	2.40	972.08
Housatonic River									
SG-HR-1	990.73	12/2/2004	14.75	See Note 7 regarding depth to water					975.98
SG-HR-1	990.73	12/9/2004	16.76	See Note 7 regarding depth to water					973.97
SG-HR-1	990.73	12/16/2004	17.95	See Note 7 regarding depth to water					972.78
SG-HR-1	990.73	12/22/2004	19.15	See Note 7 regarding depth to water					971.58
SG-HR-1	990.73	12/30/2004	18.95	See Note 7 regarding depth to water					971.78

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as
5. 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.
6. No measurements were obtained at this time due to the operation of the auto skimmer.
7. 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.

TABLE 21-10
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
December 2002	316,482	--	2	23
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

TABLE 21-10
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

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 approximately 5.2% downtime (45 hours) at RW-1/RW-1R and approximately 1.05% downtime (9 hours) at RW-2 and RW-3 during December 2004.

TABLE 21-11
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	############ Removal (liters)
LS-31	12/15/2004	12.00	22.65	0.66	0.407	0.407
LS-38	12/15/2004	12.48	25.00	0.04	0.025	0.025
LSSC-07	12/3/2004	6.90	24.78	0.30	0.185	0.894
	12/9/2004	7.80	24.80	0.28	0.173	
	12/15/2004	7.37	24.82	0.26	0.160	
	12/22/2004	9.90	24.85	0.23	0.142	
	12/30/2005	9.78	24.70	0.38	0.234	
LSSC-08I	12/3/2004	7.50	23.35	0.03	0.019	0.056
	12/9/2004	9.00	23.37	0.01	0.006	
	12/22/2004	11.56	23.33	0.05	0.031	

Total Manual DNAPL Removal for December 2004: 1.382 liters
0.365 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-12
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

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	12/15/2004	5.74	---	0.00	---	19.74	0.00	977.13
EPA-01	983.04	12/15/2004	8.30	---	0.00	---	22.65	0.00	974.74
LS-24	986.58	12/15/2004	11.71	---	0.00	---	15.20	0.00	974.87
LS-30	986.44	12/15/2004	12.22	---	0.00	21.78	22.22	0.44	974.22
LS-31	987.09	12/15/2004	12.00	---	0.00	22.65	23.31	0.66	975.09
LS-38	986.95	12/15/2004	12.48	---	0.00	25.00	25.04	0.04	974.47
LS-44	980.78	12/15/2004	6.00	---	0.00	---	24.75	0.00	974.78
LSSC-07	982.48	12/3/2004	6.90	---	0.00	24.78	25.08	0.30	975.58
LSSC-07	982.48	12/9/2004	7.80	---	0.00	24.80	25.08	0.28	974.68
LSSC-07	982.48	12/15/2004	7.37	---	0.00	24.82	25.08	0.26	975.11
LSSC-07	982.48	12/22/2004	9.90	---	0.00	24.85	25.08	0.23	972.58
LSSC-07	982.48	12/30/2005	9.78	---	0.00	24.70	25.08	0.38	972.70
LSSC-08I	983.13	12/3/2004	7.50	---	0.00	23.35	23.38	0.03	975.63
LSSC-08I	983.13	12/9/2004	9.00	---	0.00	23.37	23.38	0.01	974.13
LSSC-08I	983.13	12/15/2004	8.35	---	0.00	---	23.38	0.00	974.78
LSSC-08I	983.13	12/22/2004	11.56	---	0.00	23.33	23.38	0.05	971.57
LSSC-08I	983.13	12/30/2005	11.28	---	0.00	---	23.38	0.00	971.85
LSSC-08S	983.11	12/15/2004	8.50	---	0.00	---	14.68	0.00	974.61
LSSC-16I	980.88	12/15/2004	5.75	---	0.00	---	28.54	0.00	975.13
LSSC-18	987.32	12/15/2004	12.31	---	0.00	---	18.57	0.00	975.01
LSSC-32	980.68	12/15/2004	5.80	---	0.00	---	35.24	0.00	974.88
LSSC-33	980.49	12/15/2004	5.68	---	0.00	---	29.75	0.00	974.81
MW-4R	980.82	12/15/2004	5.95	---	0.00	---	14.04	0.00	974.87
MW-6R	985.14	12/15/2004	9.11	---	0.00	---	13.90	0.00	976.03
RW-1	984.88	12/2/2004	10.14	---	0.00	P	21.00	< 0.01	974.74
RW-1	984.88	12/8/2004	10.12	---	0.00	P	21.00	< 0.01	974.76
RW-1	984.88	12/16/2004	10.10	---	0.00	---	21.00	0.00	974.78
RW-1	984.88	12/22/2004	11.20	---	0.00	P	21.00	< 0.01	973.68
RW-1	984.88	12/29/2004	11.95	---	0.00	P	21.00	< 0.01	972.93
RW-1 (R)	985.07	12/2/2004	15.65	---	0.00	P	20.42	< 0.01	969.42
RW-1 (R)	985.07	12/8/2004	15.55	---	0.00	P	20.42	< 0.01	969.52
RW-1 (R)	985.07	12/16/2004	11.95	---	0.00	---	20.42	0.00	973.12
RW-1 (R)	985.07	12/22/2004	13.00	---	0.00	P	20.42	< 0.01	972.07
RW-1 (R)	985.07	12/29/2004	16.80	---	0.00	P	20.42	< 0.01	968.27
RW-2	987.82	12/2/2004	12.15	---	0.00	---	21.75	0.00	975.67
RW-2	987.82	12/8/2004	12.40	---	0.00	---	21.75	0.00	975.42
RW-2	987.82	12/16/2004	11.80	---	0.00	---	21.75	0.00	976.02
RW-2	987.82	12/22/2004	17.70	---	0.00	---	21.75	0.00	970.12
RW-2	987.82	12/29/2004	15.80	---	0.00	---	21.75	0.00	972.02
RW-3	984.08	12/2/2004	16.65	16.55	0.10	---	21.57	0.00	967.52
RW-3	984.08	12/8/2004	16.70	16.40	0.30	---	21.57	0.00	967.66
RW-3	984.08	12/16/2004	11.90	P	< 0.01	---	21.57	0.00	972.18
RW-3	984.08	12/22/2004	16.45	16.20	0.25	---	21.57	0.00	967.86
RW-3	984.08	12/29/2004	16.60	16.50	0.10	---	21.57	0.00	967.57

TABLE 21-12
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

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	12/3/2004	10.20	See Note 4 regarding depth to water					976.12
BM-2A	986.32	12/9/2004	12.30	See Note 4 regarding depth to water					974.02
BM-2A	986.32	12/15/2004	11.75	See Note 4 regarding depth to water					974.57
BM-2A	986.32	12/22/2004	15.30	See Note 4 regarding depth to water					971.02
BM-2A	986.32	12/30/2005	14.90	See Note 4 regarding depth to water					971.42

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
4. A survey reference point (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.

TABLE 21-13
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

Recovery System	Date	Total Gallons Recovered
System 1	December 2003	47.0
	January 2004	24.0
	February 2004	25.5
	March 2004	25.3
	April 2004	26.4
	May 2004	16.0
	June 2004	16.5
	July 2004	14.3
	August 2004	14.6
	September 2004	16.5
	October 2004	11.0
	November 2004	15.4
	December 2004	15.4
System 2	December 2003	182.0
	January 2004	128.0
	February 2004	139.0
	March 2004	112.0
	April 2004	320.0
	May 2004	138.8
	June 2004	97.2
	July 2004	16.2
	August 2004	226.0
	September 2004	129.6
	October 2004	78.2
	November 2004	81.0
	December 2004	64.8
Total Automated DNAPL Removal for December 2004:		**80.2 Gallons**

Notes:
1. System 1 wells are NS-15, NS-30, and NS-32.
2. System 2 wells are N2SC-01I, N2SC-03I, and N2SC-14.
3. There was no downtime during the month of December 2004.

TABLE 21-14
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

CONSENT DECREE MONTHLY STATUS REPORT
GROUNDWATER MANAGEMENT AREA 1 - NEWELL STREET AREA II
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
December 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	December 2004 Removal (liters)
N2SC-02	12/16/2004	10.80	40.37	0.03	0.019	0.019
N2SC-07	12/16/2004	10.20	38.14	0.07	0.043	0.043
N2SC-08	12/16/2004	10.61	42.56	2.29	1.413	1.413

Total DNAPL Removal for December 2004: 1.475 liters
0.389 gallons

Note:

1. ft BMP - feet Below Measuring Point.

TABLE 21-15
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

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)
N2SC-02	985.56	12/16/2004	10.80	---	0.00	40.37	40.40	0.03	974.76
N2SC-07	984.61	12/16/2004	10.20	---	0.00	38.07	38.14	0.07	974.41
N2SC-08	986.07	12/16/2004	10.61	---	0.00	40.27	42.56	2.29	975.46

Notes:

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

TABLE 21-16
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

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)
Monitoring Wells Adjacent to Silver Lake									
SLGW-01S	982.94	12/13/2004	6.86	---	0.00	---	16.20	0.00	976.08
SLGW-01D	983.13	12/13/2004	4.03	---	0.00	---	37.02	0.00	979.10
SLGW-02S	985.39	12/13/2004	7.59	---	0.00	---	16.80	0.00	977.80
SLGW-02D	985.10	12/13/2004	7.05	---	0.00	---	36.94	0.00	978.05
SLGW-03S	980.21	12/13/2004	4.06	---	0.00	---	14.68	0.00	976.15
SLGW-03D	979.14	12/13/2004	0.80	---	0.00	---	32.11	0.00	978.34
SLGW-04S	984.02	12/13/2004	7.87	---	0.00	---	16.69	0.00	976.15
SLGW-04D	983.51	12/13/2004	5.75	---	0.00	---	37.21	0.00	977.76
SLGW-05S	979.12	12/13/2004	3.15	---	0.00	---	11.70	0.00	975.97
SLGW-05D	979.30	12/13/2004	3.48	---	0.00	---	34.97	0.00	975.82
SLGW-06S	981.66	12/13/2004	5.07	---	0.00	---	13.79	0.00	976.59
SLGW-06D	981.63	12/13/2004	4.58	---	0.00	---	35.05	0.00	977.05
Staff Gauge within Silver Lake									
Silver Lake Gauge	NA	12/3/2004	0.90	See Note 5 regarding depth to water					NA
Silver Lake Gauge	NA	12/9/2004	0.72	See Note 5 regarding depth to water					NA
Silver Lake Gauge	NA	12/22/2004	NM	Lake Frozen, not measured					NA
Silver Lake Gauge	NA	12/30/2004	NM	Lake Frozen, not measured					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. A new Silver Lake Gauge has been installed and will be surveyed to obtain a new horizontal datum. "Depth to Water" values provided refer to feet above the datum, rather than feet below the measuring point.
6. Additional groundwater elevation data was collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. Those results are presented in the monitoring tables for those Removal Action Areas.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
DECEMBER 2004

*** 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

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
DECEMBER 2004

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

a. Activities Undertaken/Completed

Conducted monthly monitoring and NAPL bailing round in the vicinity of Buildings 51 and 59. Approximately 17.055 liters (4.50 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 9.045 liters (2.39 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

None

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

- Continue ongoing groundwater and NAPL monitoring and recovery activities.
- Prepare proposals for additional activities to further evaluate presence of NAPL in the vicinity of Buildings 51 and 59 (due on or before January 21, 2005).
- Initiate preparation of 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

Received Conditional Approval from EPA for GMA 3 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Spring 2004 (December 7, 2004).

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
December 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	############ Removal (liters)
51-08	12/3/2004	11.85	10.45	1.40	0.864	1.358
	12/9/2004	11.30	10.50	0.80	0.494	
51-17	12/15/2004	10.85	9.56	1.29	0.796	0.796
51-19	12/14/2004	10.30	9.90	0.40	0.247	0.247
51-21	12/2/2004	14.92	P	< 0.01	5.685	17.055
	12/8/2004	14.90	P	< 0.01	1.137	
	12/16/2004	14.90	P	< 0.01	4.548	
	12/22/2004	15.09	15.08	0.01	2.274	
	12/29/2005	15.00	P	< 0.01	3.411	
59-01	12/13/2004	10.84	10.83	0.01	0.605	0.605
59-07	12/13/2004	11.19	11.18	0.01	0.537	0.537
GMA3-10	12/3/2004	11.55	10.88	0.67	0.413	2.363
	12/9/2004	11.50	10.76	0.74	0.457	
	12/15/2014	11.60	10.73	0.87	0.537	
	12/22/2004	11.60	10.83	0.77	0.475	
	12/30/2004	11.60	10.82	0.78	0.481	
GMA3-12	12/3/2004	11.65	11.22	0.43	1.063	3.139
	12/9/2004	11.43	11.15	0.28	0.692	
	12/15/2014	11.22	11.14	0.08	0.198	
	12/22/2004	11.50	11.22	0.28	0.692	
	12/30/2004	11.43	11.23	0.20	0.494	

Total Automated LNAPL Removal at well 51-21 for December 2004: 17.055 liters
4.50 Gallons

Total Manual LNAPL Removal at all other wells for December 2004: 9.045 liters
2.39 Gallons

Total LNAPL Removed for December 2004: 26.100 liters
6.89 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
December 2004

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)
51-05	996.44	12/13/2004	9.94	9.81	0.13	---	12.52	0.00	986.62
51-06	997.36	12/13/2004	10.43	---	0.00	---	14.64	0.00	986.93
51-07	997.08	12/13/2004	10.36	---	0.00	---	11.21	0.00	986.72
51-08	997.08	12/3/2004	11.85	10.45	1.40	---	14.66	0.00	986.53
51-08	997.08	12/9/2004	11.30	10.50	0.80	---	14.65	0.00	986.52
51-08	997.08	12/13/2004	10.54	10.46	0.08	---	14.65	0.00	986.61
51-08	997.08	12/22/2004	10.73	10.67	0.06	---	14.66	0.00	986.41
51-08	997.08	12/30/2004	10.78	10.63	0.15	---	14.67	0.00	986.44
51-09	997.70	12/13/2004	10.25	---	0.00	---	11.60	0.00	987.45
51-14	996.77	12/13/2004	10.24	10.23	0.01	---	15.00	0.00	986.54
51-15	996.43	12/13/2004	9.79	9.73	0.06	---	14.51	0.00	986.70
51-16R	996.39	12/13/2004	9.77	9.73	0.04	---	14.54	0.00	986.66
51-17	996.43	12/15/2004	10.85	9.56	1.29	---	14.48	0.00	986.78
51-18	997.12	12/13/2004	10.43	---	0.00	---	12.56	0.00	986.69
51-19	996.43	12/14/2004	10.30	9.90	0.40	---	14.05	0.00	986.50
51-21	1001.49	12/2/2004	14.92	P	< 0.01	---	NM	0.00	986.57
51-21	1001.49	12/8/2004	14.90	P	< 0.01	---	NM	0.00	986.59
51-21	1001.49	12/16/2004	14.90	P	< 0.01	---	NM	0.00	986.59
51-21	1001.49	12/22/2004	15.09	15.08	0.01	---	NM	0.00	986.41
51-21	1001.49	12/29/2004	15.00	P	< 0.01	---	NM	0.00	986.49
59-01	997.52	12/13/2004	10.84	10.83	0.01	---	11.36	0.00	986.69
59-03R	997.64	12/15/2004	11.90	10.92	0.98	---	17.04	0.00	986.65
59-07	997.96	12/13/2004	11.19	11.18	0.01	---	23.55	0.00	986.78
GMA3-10	997.54	12/3/2004	11.55	10.88	0.67	---	18.02	0.00	986.61
GMA3-10	997.54	12/9/2004	11.50	10.76	0.74	---	18.01	0.00	986.73
GMA3-10	997.54	12/15/2014	11.60	10.73	0.87	---	18.02	0.00	986.75
GMA3-10	997.54	12/22/2004	11.60	10.83	0.77	---	18.02	0.00	986.66
GMA3-10	997.54	12/30/2004	11.60	10.82	0.78	---	18.01	0.00	986.67
GMA3-11	997.25	12/15/2004	10.20	---	0.00	---	18.48	0.00	987.05
GMA3-12	997.84	12/3/2004	11.65	11.22	0.43	---	21.24	0.00	986.59
GMA3-12	997.84	12/9/2004	11.43	11.15	0.28	---	21.24	0.00	986.67
GMA3-12	997.84	12/15/2014	11.22	11.14	0.08	---	21.24	0.00	986.69
GMA3-12	997.84	12/22/2004	11.50	11.22	0.28	---	21.24	0.00	986.60
GMA3-12	997.84	12/30/2004	11.43	11.23	0.20	---	21.24	0.00	986.60
UB-MW-10	995.99	12/13/2004	9.27	---	0.00	---	15.70	0.00	986.72
UB-PZ-3	998.15	12/15/2004	11.82	11.60	0.22	---	13.38	0.00	986.53

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NM indicates information not measured.
4. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
DECEMBER 2004

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

a. Activities Undertaken/Completed

Received results of quarterly groundwater quality sampling event conducted at adjacent Commercial Street Site (which is subject to the Administrative Consent Order [ACO] executed by GE and MDEP), including sampling of GMA 4 well GMA4-5.

b. Sampling/Test Results Received

Results for well GMA4-5 will be reported in submissions under ACO.

c. Work Plans/Reports/Documents Submitted

None

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

Initiate preparation of 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)
DECEMBER 2004

*** 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
December 2004

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

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A6149	12/6/04	Water	SGS	Oil & Grease	12/15/04
NPDES Sampling	001-A6151	12/6/04	Water	SGS	PCB	12/15/04
NPDES Sampling	001-A6158	12/7/04	Water	SGS	TSS	12/15/04
NPDES Sampling	005-A6126/A6127	11/23/04	Water	SGS	PCB	12/1/04
NPDES Sampling	005-A6145/A6146	11/30/04	Water	SGS	PCB	12/6/04
NPDES Sampling	005-A6159/A6160	12/7/04	Water	SGS	BOD	12/15/04
NPDES Sampling	005-A6159/A6160	12/7/04	Water	SGS	PCB, TSS	12/15/04
NPDES Sampling	005-A6173/A6174	12/14/04	Water	SGS	PCB	12/21/04
NPDES Sampling	005-A6181/A6182	12/21/04	Water	SGS	PCB	
NPDES Sampling	005-A6194/A6195	12/28/04	Water	SGS	PCB	
NPDES Sampling	06A-A6135	11/28/04	Water	SGS	Oil & Grease	12/10/04
NPDES Sampling	06A-A6137	11/28/04	Water	SGS	PCB	12/10/04
NPDES Sampling	09A-A6142	11/29/04	Water	SGS	TSS, BOD	12/10/04
NPDES Sampling	09B-A6143	11/29/04	Water	SGS	TSS, BOD	12/10/04
NPDES Sampling	09B-A6161	12/7/04	Water	SGS	TSS, BOD	12/15/04
NPDES Sampling	09B-A6169	12/13/04	Water	SGS	TSS, BOD	12/21/04
NPDES Sampling	09B-A6183	12/21/04	Water	SGS	TSS, BOD	
NPDES Sampling	09B-A6187	12/26/04	Water	SGS	TSS	
NPDES Sampling	09B-A6192	12/27/04	Water	SGS	BOD	
NPDES Sampling	09C-A6133	11/28/04	Water	SGS	Oil & Grease	12/10/04
NPDES Sampling	09C-A6162	12/7/04	Water	SGS	Oil & Grease	12/15/04
NPDES Sampling	09C-A6170	12/13/04	Water	SGS	Oil & Grease	
NPDES Sampling	09C-A6171	12/13/04	Water	SGS	Oil & Grease	12/17/04
NPDES Sampling	09C-A6185	12/22/04	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6140	11/29/04	Water	SGS	Oil & Grease	12/10/04
NPDES Sampling	64G-A6154	12/6/04	Water	SGS	Oil & Grease	12/15/04
NPDES Sampling	64G-A6167	12/13/04	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6168	12/13/04	Water	SGS	Oil & Grease	12/17/04
NPDES Sampling	64G-A6178	12/20/04	Water	SGS	Oil & Grease	
NPDES Sampling	64G-A6190	12/27/04	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6138	11/29/04	Water	SGS	Oil & Grease	12/10/04
NPDES Sampling	64T-A6152	12/6/04	Water	SGS	Oil & Grease	12/15/04
NPDES Sampling	64T-A6165	12/13/04	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6166	12/13/04	Water	SGS	Oil & Grease	12/17/04
NPDES Sampling	64T-A6176	12/20/04	Water	SGS	Oil & Grease	
NPDES Sampling	64T-A6188	12/27/04	Water	SGS	Oil & Grease	
NPDES Sampling	A6156R	12/7/04	Water	SGS	Acute Toxicity Test	12/21/04
NPDES Sampling	A6156RCN	12/7/04	Water	SGS	CN	12/15/04
NPDES Sampling	A6156RTM	12/7/04	Water	SGS	Metals (10)	12/15/04
NPDES Sampling	A6157C	12/7/04	Water	SGS	Acute Toxicity Test	12/21/04
NPDES Sampling	A6157CCN	12/7/04	Water	SGS	CN	12/15/04

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING DECEMBER 2004

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	A6157CDM	12/7/04	Water	SGS	Filtered Metals (8)	12/15/04
NPDES Sampling	A6157CTM	12/7/04	Water	SGS	Metals (10)	12/15/04
NPDES Sampling	DEC04WK1	11/30/04	Water	SGS	Cu, Pb, Zn	12/6/04
NPDES Sampling	DEC04WK3	12/14/04	Water	SGS	Cu, Pb, Zn	12/21/04
NPDES Sampling	DEC04WK4	12/21/04	Water	SGS	Cu, Pb, Zn	
NPDES Sampling	JAN05WK1	12/28/04	Water	SGS	Cu, Pb, Zn	
NPDES Sampling	NOV04WK4	11/23/04	Water	SGS	Cu, Pb, Zn	12/1/04

TABLE A-2
DATA RECEIVED DURING DECEMBER 2004

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

Parameter / Sample ID: / Date Collected:	001-A6149 12/06/04	001-A6151 12/06/04	001-A6158 12/07/04	005-A6126/A6127 11/23/04	005-A6145/A6146 11/30/04	005-A6159/A6160 12/07/04	005-A6173/A6174 12/14/04
PCBs-Unfiltered							
Aroclor-1254	NA	0.000052 J	NA	0.000021 J	0.000039 J	0.000026 J	ND(0.000065)
Aroclor-1260	NA	ND(0.000065)	NA	0.000015 J	0.000033 J	ND(0.000065)	0.000018 J
Total PCBs	NA	0.000052 J	NA	0.000036 J	0.000072 J	0.000026 J	0.000018 J
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	ND(2.0)	NA
Oil & Grease	ND(6.0)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	8.00	NA	NA	ND(5.00)	NA

TABLE A-2
DATA RECEIVED DURING DECEMBER 2004

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

Parameter / Sample ID: / Date Collected:	06A-A6135 11/28/04	06A-A6137 11/28/04	09A-A6142 11/29/04	09B-A6143 11/29/04	09B-A6161 12/07/04	09B-A6169 12/13/04	09C-A6133 11/28/04	09C-A6162 12/07/04
PCBs-Unfiltered								
Aroclor-1254	NA	0.00066	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	0.00099	NA	NA	NA	NA	NA	NA
Total PCBs	NA	0.00165	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	ND(2.0)	ND(2.0)	3.2	ND(2.0)	NA	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	ND(5.0)	ND(5.0)
Total Suspended Solids	NA	NA	5.00	5.00	9.00	ND(5.00)	NA	NA

TABLE A-2
DATA RECEIVED DURING DECEMBER 2004

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

Parameter / Sample ID: / Date Collected:	09C-A6171 12/13/04	64G-A6140 11/29/04	64G-A6154 12/06/04	64G-A6168 12/13/04	64T-A6138 11/29/04	64T-A6152 12/06/04	64T-A6166 12/13/04	A6156RCN 12/07/04	A6156RTM 12/07/04
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	0.0610 B
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00100)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	13.0
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Copper	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Cyanide	NA	NA	NA	NA	NA	NA	NA	0.00320 B	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	0.00370 B
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	4.50
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Silver	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	0.0150 B
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)	3.9 B	ND(5.0)	ND(5.0)	ND(5.0)	6.0	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING DECEMBER 2004

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

Parameter / Sample ID: / Date Collected:	A6157CCN 12/07/04	A6157CDM 12/07/04	A6157CTM 12/07/04	DEC04WK1 11/30/04	DEC04WK3 12/14/04	NOV04WK4 11/23/04
PCBs-Unfiltered						
Aroclor-1254	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	0.0590 B	NA	NA	NA
Cadmium	NA	NA	ND(0.00100)	NA	NA	NA
Calcium	NA	NA	66.0	NA	NA	NA
Chromium	NA	NA	ND(0.00500)	NA	NA	NA
Copper	NA	NA	0.00180 B	0.00320 B	0.00640	0.00480 B
Cyanide	0.0650	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium	NA	NA	34.0	NA	NA	NA
Nickel	NA	NA	ND(0.00500)	NA	NA	NA
Silver	NA	NA	0.00110 B	NA	NA	NA
Zinc	NA	NA	0.0200	0.0200 B	0.0260	0.0260
Inorganics-Filtered						
Aluminum	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	NA	0.000910 B	NA	NA	NA	NA
Chromium	NA	0.00140 B	NA	NA	NA	NA
Copper	NA	0.00180 B	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	NA	NA
Nickel	NA	ND(0.00500)	NA	NA	NA	NA
Silver	NA	ND(0.00500)	NA	NA	NA	NA
Zinc	NA	0.0230	NA	NA	NA	NA
Conventionals						
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA

Notes:
1. Samples were collected by General Electric Company and submitted to SGS Environmental Services, Inc. for analysis of PCBs, 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 only those constituents detected in one or more samples are summarized.

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
November 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)*

MA0003891 — PERMIT NUMBER
001 1 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	11	01	TO	04	11	30

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	******	******		8.1	******	8.3	(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	13.2	13.2	(26) LBS/DY	******	******	******		0	01/30	CP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	138 MO AVG	628 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	******	0.0001	(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	0.117	0.690	(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

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	494-3500	2004	12	16
AREA CODE	NUMBER	YEAR	MO	DAY

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	11	01	TO	04	11	30

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

*** NO DISCHARGE | __ | ***

Form Approved.
OMB No. 2040-0004

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 [C]	*******	NODI [C]	(12)			
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	*******	**** ****	6.0 MINIMUM	*******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
OIL & GREASE	SAMPLE MEASUREMENT	*******	NODI [C]	(26)	*******	*******	NODI [C]	(19)			
00556 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	*******	281 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 [Q] mle	NODI [Q] mle	(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	2004	12	16
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.

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 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	11	01	TO	04	11	30

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			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 T O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	70 MO AVG	135 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 T O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	188 MO AVG	270 DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
OIL & GREASE 00556 T O O SEE COMMENTS BELOW.	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/07	GR
	PERMIT REQUIREMENT	******	135 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 T O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.00005	0.00009	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	0.01 MO AVG	0.03 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 T O O SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.234	0.400	(03) MGD	******	******	******		0	99/99	RC
	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		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	Michael T. Carroll	413 494-3500	2004	12	16
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)*
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)*

Form Approved.
OMB No. 2040-0004

MA0003891	064 G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 04 MO 11 DAY 01 TO YEAR 04 MO 11 DAY 30

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

*** 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	******	******		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-G
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19)			
76030 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	***** *****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		WTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19)			
78732 T 0 0 SEE COMMENTS BELOW.	PERMIT REQUIREMENT	******	******	***** *****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		WTRLY	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	413 494-3500	2004	12	16
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 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)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	064 T

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	11	01	TO	04	11	30

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

*** NO DISCHARGE |__| ***

Form Approved.
OMB No. 2040-0004

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	******	******		6.8	******	8.5	(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			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	2004	12	16
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 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)*

Form Approved.
OMB No. 2040-0004

MA0003891	007 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 04 MO 11 DAY 01 TO YEAR 04 MO 11 DAY 30

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

*** 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			
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	58	58	(15) DEG.F	0	01/30	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	70 MO AVG	70 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH 00400 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		6.9	******	7.2	(12) SU	0	01/DW	GR
	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 W 0 0 SEE COMMENTS BELOW.	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(21)			
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 W 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.002	0.006	(03) MGD	******	******	******		0	24/30	CA
	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			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	2004	12	16
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 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)*

MA0003891	009 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	11	01	TO	04	11	30

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

*** 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
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.2	0.8	(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	******	******		7.1	******	7.3	(12) SU	0	01/DW	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-O
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1.1	4.2	(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
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/DW	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	******	******		******	NODI (9)	NODI (9)	(19)			
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	0.078	0.736	(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

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	494-3500	2004	12	16
AREA CODE	NUMBER	YEAR	MO	DAY

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)*

MA0003891	009 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 04 MO 11 DAY 01 TO YEAR 04 MO 11 DAY 30

Form Approved.
OMB No. 2040-0004

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

*** 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
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	NODI [E]	NODI [E]	(26) LBS/DY	*******	*******	*******				
	PERMIT REQUIREMENT	108 #/DY MO AVG	218 #/DY DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.01	0.02	(26) LBS/DY	*******	*******	*******		0	01/DW	CP
	PERMIT REQUIREMENT	218 MO AVG	376 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.001	0.012	(03) MGD	*******	*******	*******		0	99/99	RC
	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	413 494-3500	2004	12	14
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	11	01	TO	04	11	30

Form Approved.
OMB No. 2040-0004

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

*** 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
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.2	0.8	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	106 MO AVG	436 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	1.1	4.2	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW.	SAMPLE MEASUREMENT	0.077	0.735	(03) MGD	******	******	******		0	99/99	RC
	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

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	494-3500	2004	12	16
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	11	01	TO	04	11	30

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	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
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	0.2	(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	******	0.005	(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	******	0.4	(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	494-3500	2004	12	16
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 A

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	11	01	TO	04	11	30

Form Approved.
OMB No. 2040-0004

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

*** 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
CHROMIUM TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01118 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.04	(26) LBS/DY	******	******	******		0	01/07	CP
01119 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0.12	(26) LBS/DY	******	******	******		0	01/30	CP
78248 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	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

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	494-3500	2004	12	16

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 B
PERMIT NUMBER	DISCHARGE NUMBER

	MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	11	01	TO	04	11	30

Form Approved.
OMB No. 2040-0004

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

*** 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			
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		NODI [9]	******	******	(23)			
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	494-3500	2004	12	16
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.

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 | SUM C DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 04 MO 10 DAY 01 TO YEAR 04 MO 12 DAY 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 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
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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	494-3500	2004	12	14
AREA CODE	NUMBER	YEAR	MO	DAY

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

QUARTERLY WET WEATHER ACUTE. COMPOSITE PROPORTIONATE TO FLOW. SEE DMR SUMB FOR DRY WEATHER TESTING.
SUBMIT THIS DMR WITH A NODI '9' WHEN SUBMITTING DRY WEATHER ON DMR SUMB.

Attachment C

Toxicity Evaluation of Wastewaters Discharged From the General Electric Plant; Pittsfield, Massachusetts [Samples Collected in December 2004]

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

Toxicity Evaluation of Wastewaters Discharged from The General Electric Plant Pittsfield, Massachusetts

Samples collected in December 2004

Submitted to:

General Electric
Area Environmental & Facility Programs
100 Woodlawn Avenue
Pittsfield, Massachusetts 01201

SGS Sample ID: TA4-L0-P196

Study Director: Ken Holliday

20 December 2004

SGS Environmental Services
1258 Greenbrier Street
Charleston, West Virginia 25311-1002
Tel: 304.346.0725 Fax: 304.346.0761
www.sgs.com

Signatures and Approval

Submitted by: SGS Environmental Services
1258 Greenbrier Street
Charleston, West Virginia 25311-1002

Tel: 304.346.0725
Fax: 304.346.0761
www.sgs.com

Ken Holliday — December 20, 2004
Date

Ken Holliday
Study Director
ken_holliday@sgs.com

Titshina L. Mims — December 20, 2004
Date

Titshina L. Mims
Technical Writer

Barbara Hensley — December 20, 2004
Date

Barbara Hensley
Project Manager
barbara_hensley@sgs.com

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: December 20, 2004
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:	TA4-L0-P196
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A6157C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A6156R
Dates Collected:	December 06, 2004 to December 07, 2004
Date Received:	December 08, 2004
Test Dates:	December 08, 2004 to December 10, 2004
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 December 08, 2004 to December 10, 2004 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 (A6157C) was collected by GE personnel December 06, 2004 to December 07, 2004. Upon receipt at SGS on December 08, 2004, the sample temperature was 4.4° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	300
Alkalinity (as $CaCO_3$)	334
pH	7.63
Specific Conductance	1640
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 (A6156R) was collected by General Electric personnel on December 07, 2004. Upon receipt at SGS on December 08, 2004, the sample temperature was 4.4°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	120
Alkalinity (as $CaCO_3$)	48
pH	6.64
Specific Conductance	149
Dissolved Oxygen Concentration*	9.03

*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	7.02
Specific Conductance	320
Dissolved Oxygen	8.87

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

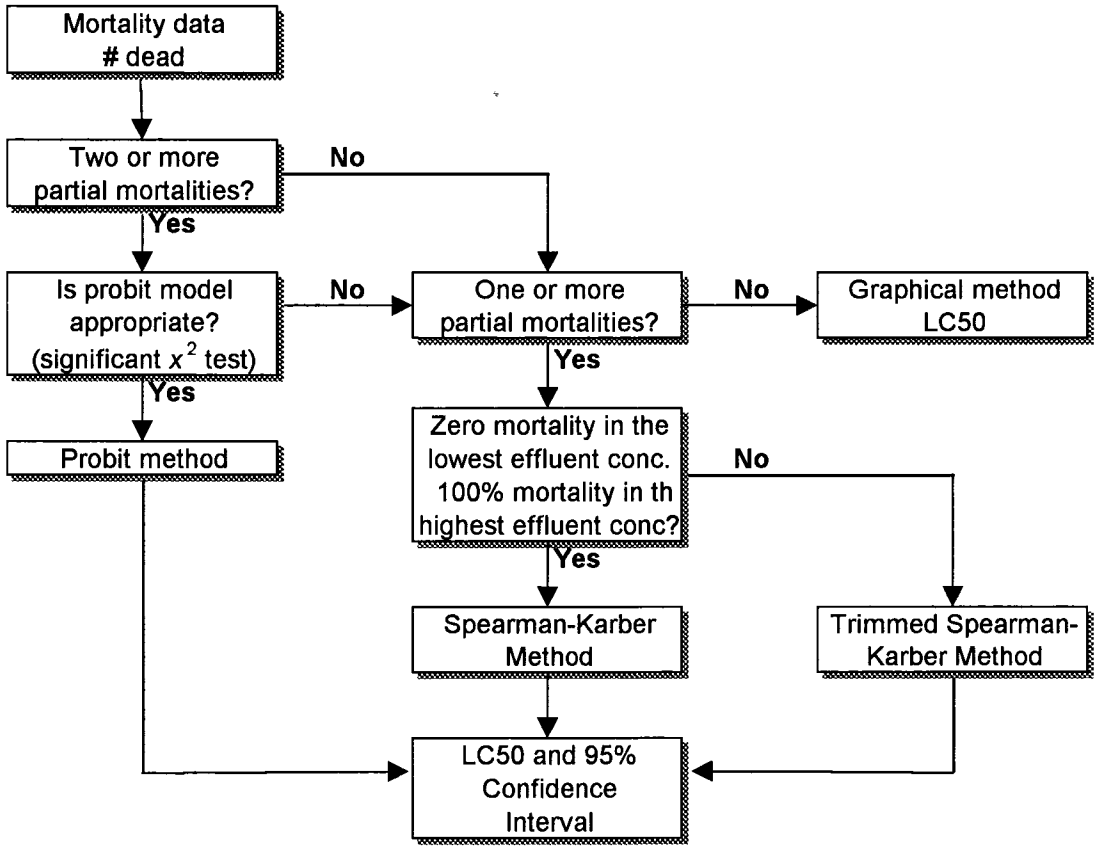
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from December 08, 2004 to December 10, 2004. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution 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 December 08, 2004 to December 10, 2004, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 1830 mg NaCl/L (95% confidence intervals of 1524 to 2197 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 (A6157C)	Housatonic River (A6156R)
Temperature	20.1°C	20.1°C
pH	7.63	6.64
Alkalinity (as $CaCO_3$)	334 mg/L	48 mg/L
Hardness (as $CaCO_3$)	300 mg/L	120 mg/L
Dissolved Oxygen	9.10 mg/L	9.03 mg/L
Specific Conductivity	1640 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	ND	ND
Chloride	320 mg/L	10 mg/L
Total Suspended Solids	ND	ND
Total Solids	1000 mg/L	110 mg/L
Total Organic Carbon	4.7 mg/L	2.8 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	7.02	7.10	7.13	8.87	8.67	8.62	20.1	19.7	20.4
Secondary Ref Control	7.08	7.15	7.19	8.91	8.63	8.65	20.1	19.7	20.4
Dilution Water Control	6.64	6.77	6.74	9.03	8.81	8.70	20.1	19.7	20.4
5% Effluent	6.73	6.79	6.83	9.06	8.65	8.61	20.1	19.7	20.4
15% Effluent	6.87	6.81	6.84	9.04	8.70	8.60	20.1	19.7	20.4
35% Effluent	7.09	7.15	7.19	9.08	8.67	8.63	20.1	19.7	20.4
50% Effluent	7.20	7.26	7.24	9.07	8.60	8.54	20.1	19.7	20.4
75% Effluent	7.38	7.44	7.47	9.08	8.70	8.52	20.1	19.7	20.4
100% Effluent	7.63	7.68	7.73	9.10	8.63	8.58	20.1	19.7	20.4

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.
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: Lydia M. Dark (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

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Standard Operating Procedure

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

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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.

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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

CT&E Environmental Services Inc.
Standard Operating Procedure

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

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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**

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Document Control Number: 7005

Approved by: Ken Halliday Supervisor — Date: 10/21/98

Approved by: Lynda 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.

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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.

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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.

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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**

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Document Control Number: 7006

Approved by: Ken Halliday (Supervisor) Date: 3/23/2001

Approved by: William M Work (QA/QC Officer) Date: 3/23/2001

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.

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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.

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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.

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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**

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Document Control Number: 7008

Approved by: Ken Holliday — Supervisor — Date: 3/23/2001

Approved by: [signature] — QA/QC Officer — Date: 3/23/2001

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

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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.

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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. Downs (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.

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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.

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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.

NPDES Permit No. MA000 3891
SGS ID number: TA4-L0-P196
December 20, 2004

Appendix II
Chain of Custody

Chain of Custody Record
General Electric Co.
100 Woodlawn Ave. Pittsfield, MA 01201

TA4-LO-8196-1/2

Chain of Custody #: OBG120704

Dry **Weather Acute Aquatic Toxicity for** December 2004

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**
A6157C	12/6 to 12/7/04	11^00 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A6157C	12/6 to 12/7/04	11^00 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A6157C	12/6 to 12/7/04	11^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A6156R	12/7/04	8^15 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A6156R	12/7/04	8^15 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A6156R	12/7/04	8^15 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Rec. @ 4.4°C

Relinquished By:	**Date/Time**	**Received By:**	**Date/Time**
Mark Wasnewsky	12-7-04		12-7-04 1400
Relinquished By:	**Date/Time**	**Received By:**	**Date/Time**
	12-7-04 1430	Barbara Henderson	12/8/04 1010 LHS

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- 7^45 AM 004- / 005-64T- 7^00 AM 005-64G- 7^00 AM 007- / 09A- / 09B- 8^00 AM

The time of compositing the final flow-proportioned sample was 11^00 A.M.

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: DRY WEATHER ACUTE 12/2004 Lab. No.: TA4-LO-P196-001/002

Date Received: 12/08/04

Sample Date: 12/06-07/04 Time: 11:00 Date Analyzed: 12/08/04

Source: EFFLUENT Analyst(s): KH

Source of dilution water: Housatonic River Water

Test Species: *Daphnia pulex* Age: Temp. Range: °C

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	12/08/04	12/10/04
Time:	1100	1100

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	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
Hardness	120	110	110						300
D.O.	9.03	8.87	8.91	9.06	9.04	9.08	9.07	9.08	9.10
pH	6.64	7.02	7.08	6.73	6.87	7.09	7.20	7.38	7.63
Alkalinity	48	67	71						334
Sp. Conduct.	149	320	328	162	268	441	553	860	1640
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.	8.81	8.67	8.63	8.65	8.70	8.67	8.60	8.70	8.63
pH	6.77	7.10	7.15	6.79	6.81	7.15	7.26	7.44	7.68
Sp. Conduct.	157	328	337	174	278	450	562	872	1653
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
D.O.	8.70	8.62	8.65	8.61	8.60	8.63	8.54	8.52	8.58
pH	6.74	7.13	7.19	6.83	6.84	7.19	7.24	7.47	7.73
Sp. Conduct.	168	335	332	189	290	460	576	881	1664

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.

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: < 24 hrs Temp. Range: °C

Type of Test: 48 hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	12/08/04	12/10/04
Time:	1600	1600

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	20.8		20.8	20.8	20.8	20.8	20.8
Hardness	106						110
D.O.	8.9		8.9	8.9	8.9	8.9	8.8
pH	7.0		7.1	7.1	7.1	7.1	7.1
Alkalinity	72						74
Sp. Conduct.	317		1282	2730	6730	11240	15410
24 HOUR							
Temperature	20.1		20.1	20.1	20.1	20.1	20.1
No. Surviving	20		20	20	9	7	0
48 HOUR							
Temperature	19.6		19.6	19.6	19.6	19.6	19.6
No. Surviving	20		20	16	5	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 *Dachnia* 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*

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: 12/08/04 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	4	15	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 1830.11
95% LOWER CONFIDENCE: 1524.46
95% UPPER CONFIDENCE: 2197.03

Appendix IV

U.S. EPA Region I Toxicity Test Summary

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: December 08, 2004
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): December 06, 2004 to December 07, 2004

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: December 08, 2004 to December 10, 2004

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