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

Transmitted via Overnight Courier

April 9, 2004

Mr. Michael Nalipinski
EPA Project Manager
U.S. Environmental Protection Agency
Region I
One Congress Street, Suite 1100
Boston, MA 02114-2023

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 March 2004 (GECD900)

Dear Mr. Nalipinski and Ms. Steenstrup:

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

Enclosures
V:\GE_Pittsfield_General\Reports\Monthly Reports\2004\02-04 CD Monthly\cover-ltr.doc

cc Tim Conway, EPA (cover letter only)
Rose Howell (CD-ROM of Report)
Holly Inglis, EPA
Dean Tagliaferro, EPA
Carol Tucker, EPA (cover letter only)
K.C. Mitkevicius, USACE (CD-ROM of Report)
Dawn Jamros, Weston (hard copy of report, CD-ROM of report, CD-ROM of data)
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 - 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
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, Shea & Gardner
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (5 copies)
GE Internal Repository (2 copies)

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

MARCH 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)
MARCH 2004

a. Activities Undertaken/Completed

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

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 February 1 through February 29, 2004. Copies 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 March 2004)* was prepared for GE by CT&E Environmental Services, Inc (CT&E). A copy of that report is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

None

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

- Attend public, Pittsfield Citizens Coordinating Council (CCC), and Pittsfield Economic Development Authority (PEDA) meetings as appropriate.

- Continue NPDES sampling and monitoring activities.

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)
MARCH 2004

a. Activities Undertaken/Completed

- Continued discussions with EPA, MDEP, and PEDA regarding Grants of Environmental Restrictions and Easements (EREs) and other land transfer issues for the 20s and 30s Complexes.*

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

- Performed building material characterization sampling at Buildings 42 and 44 – namely, paint sampling for TCLP parameters.

- Conducted pre-demolition activities in the 40s Complex (Buildings 42, 43, 44), including the draining and analytical testing of liquids from various pieces of equipment. Select analytical results were received from the lab and are summarized in Table 1-3; three results exceeded 50 ppm for PCBs. Verbal notifications were made to EPA in accordance with Consent Agreement and Order Docket No. TSCA 01-2002-0049, with written notice to follow.

- Performed PCB ambient air sampling around Building 40B in anticipation of its demolition.

- Decommissioned Building 42 elevator shaft well (March 18-19, 2004).

- Conducted additional soil sampling in 30s Complex.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted proposal for additional soil sampling in 30s Complex (March 3, 2004).*

- Submitted letter to EPA documenting agreement to use EPA fill material to backfill vault associated with Building 40B (March 31, 2004).

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

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

- Continue discussions with EPA, MDEP, and PEDA regarding EREs for the 20s and 30s Complexes and other land transfer issues.*

- Continue discussions with encumbrance holders at 20s and 30s Complexes regarding subordination agreements.*

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

- Initiate pre-demolition and demolition activities at Building 40B.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

- Received EPA approval of GE's May 3, 2004 proposal for additional soil sampling in 30s Complex (March 9, 2004).*

- Received EPA approval for the demolition of Building 40B and disposal of associated materials at the OPCAs.

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
PCB Ambient Air Sampling	Background Inside GE Gate 31	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	Background Inside GE Gate 31	03/23 -03/24/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	East of Bldg. 40B	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	East of Bldg. 40B	03/23 -03/24/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	North of Bldg. 40B	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	North of Bldg. 40B	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	North of Bldg. 40B colocated	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	North of Bldg. 40B colocated	03/23 -03/24/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	South of Bldg. 40B	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	South of Bldg. 40B	03/23 -03/24/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	Southeast of Bldg. 40B	03/20 -03/21/04	NA	Air	Berkshire Environmental	PCB	3/31/04
PCB Ambient Air Sampling	Southeast of Bldg. 40B	03/23 -03/24/04	NA	Air	Berkshire Environmental	PCB	3/31/04
40's Complex Oil Sampling	42-1-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-3-OIL-1	3/30/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-4-OIL-1	3/30/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-8-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-9-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-10-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-11-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-12-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-13-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-14-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-1-15-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-2-1-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-2-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-3-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-4-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-5-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-6-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-7-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-2-8-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-3-1-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-3-2-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-3-3-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-3-4-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-3-5-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-3-6-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-3-7-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-3-8-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-3-9-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	42-4-1-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-4-2-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
40's Complex Oil Sampling	42-4-3-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-4-4-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-4-5-OIL-1	3/19/04	NA	Oil	CT&E	PCB	3/24/04
40's Complex Oil Sampling	42-4-6-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	42-4-7-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	42-4-8-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	42-E0445-OIL-1	3/22/04	NA	Oil	CT&E	PCB	3/29/04
40's Complex Oil Sampling	42-Rooftop-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-Rooftop-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-Rooftop-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	42-Rooftop-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-8-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-9-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-10-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-11-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-1-12-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-2-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-2-2	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-2-3-OIL-1	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-3-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-4-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-1-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-2	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-3-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-4-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-5-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-6-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-5-7-OIL-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	43-Rooftop-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	43-Rooftop-8-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-1	3/24/04	NA	Oil	CT&E	PCB	3/31/04
40's Complex Oil Sampling	44-1-2	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-3	3/25/04	NA	Oil	CT&E	PCB	

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
40's Complex Oil Sampling	44-1-4-OIL-1	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-5-OIL-1	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-6	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-7	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-8	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-9	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-10	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-11-OIL-1	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-12-OIL-1	3/25/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-13-OIL-1	3/25/04	NA	Oil	CT&E	PCB	Cancelled
40's Complex Oil Sampling	44-1-14-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-1-15-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-1-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-2-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-3-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-4-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-5-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-6-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Oil Sampling	44-Rooftop-7-OIL-1	3/31/04	NA	Oil	CT&E	PCB	
40's Complex Sampling	40s-C0640	2/24/04	NA	Paint	CT&E	TCLP-Metals	3/1/04
40's Complex Sampling	40s-C0641	2/24/04	NA	Paint	CT&E	TCLP-Metals	3/1/04
Additional Soil Investigation - 30s Complex	RAA2-A1	3/15/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-A1	3/15/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-B1	3/18/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-B1	3/18/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-B1	3/18/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-B2	3/17/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-B2	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-B8	3/19/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-DUP-1 (RAA2-G4)	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-DUP-2 (RAA2-G4)	3/16/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-DUP-3 (RAA2-H2)	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-DUP-4 (RAA2-H10)	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-DUP-5 (RAA2-I5)	3/18/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-E1	3/18/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-E1	3/18/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-E1	3/18/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-E1	3/18/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-E3	3/18/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-E3	3/18/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-G4	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-G4	3/16/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-G5	3/18/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-G9	3/17/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-G9	3/17/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-H1	3/16/04	0-1	Soil	CT&E	PCB	3/26/04

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

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Soil Investigation - 30s Complex	RAA2-H1	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H1	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-H1	3/16/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-H2	3/16/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H2	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H3	3/16/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H3	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H3	3/16/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-H3	3/16/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-H4	3/16/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H4	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H9W	3/17/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H9W	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H10	3/17/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H10	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-H12	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I1	3/17/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I1	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I3	3/16/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I3	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I5	3/18/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I5	3/18/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I12	3/17/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I12	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-I12	3/17/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-I12	3/17/04	4-6	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-J1	3/15/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J1	3/15/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J1	3/15/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	3/30/04
Additional Soil Investigation - 30s Complex	RAA2-J1	3/15/04	4-6	Soil	CT&E	VOC	3/30/04
Additional Soil Investigation - 30s Complex	RAA2-J2	3/17/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J2	3/17/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J4	3/16/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J4	3/16/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J5	3/19/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J5	3/19/04	1-3	Soil	CT&E	VOC	
Additional Soil Investigation - 30s Complex	RAA2-J5	3/19/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J5	3/19/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-J6	3/19/04	0-1	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J6	3/19/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J7	3/19/04	1-6	Soil	CT&E	PCB	3/26/04
Additional Soil Investigation - 30s Complex	RAA2-J7	3/19/04	1-6	Soil	CT&E	SVOC, Inorganics, PCDD/PCDF	
Additional Soil Investigation - 30s Complex	RAA2-J7	3/19/04	4-6	Soil	CT&E	VOC	

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

TABLE 1-2
TCLP DATA RECEIVED DURING MARCH 2004

40s COMPLEX SAMPLING
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	40s-C0640 2/24/2004	40s-C0641 2/24/2004
Inorganics			
Arsenic	5	0.00430 B	ND(0.100)
Barium	100	0.320	0.210
Cadmium	1	0.00440 B	0.00310 B
Chromium	5	0.0720	0.820
Lead	5	0.0900 B	0.390
Mercury	0.2	0.000470 B	0.000740 B
Selenium	1	0.00600 B	0.0100 B
Silver	5	0.00560 B	0.00390 B

Notes:

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

Data Qualifiers:

Inorganics

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

TABLE 1-3
PCB DATA RECEIVED DURING MARCH 2004

OIL SAMPLING PROGRAM
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
42-2-1-OIL-1	3/22/2004	ND(1.0)	3.2	ND(1.0)	3.2
42-2-2-OIL-1	3/22/2004	ND(1.0)	1.1	ND(1.0)	1.1
42-2-3-OIL-1	3/22/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-2-4-OIL-1	3/22/2004	ND(1.0)	1.9	ND(1.0)	1.9
42-2-5-OIL-1	3/22/2004	ND(37)	630	ND(37)	630
42-2-6-OIL-1	3/22/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-2-7-OIL-1	3/22/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-2-8-OIL-1	3/22/2004	ND(1.0)	3.5	ND(1.0)	3.5
42-3-1-OIL-1	3/22/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-3-2-OIL-1	3/22/2004	ND(7.4)	ND(7.4)	ND(7.4)	ND(7.4)
42-3-3-OIL-1	3/22/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-3-4-OIL-1	3/19/2004	ND(1.0)	8.3	ND(1.0)	8.3
42-3-5-OIL-1	3/19/2004	ND(1.0)	10	ND(1.0)	10
42-3-6-OIL-1	3/19/2004	ND(1.0)	5.9	2.3	8.2
42-3-7-OIL-1	3/19/2004	ND(1.0)	ND(1.0)	2.7	2.7
42-3-8-OIL-1	3/19/2004	ND(3.9)	ND(3.9)	74	74
42-3-9-OIL-1	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-4-1-OIL-1	3/19/2004	ND(1.0)	1.2	ND(1.0)	1.2
42-4-2-OIL-1	3/19/2004	ND(1.0)	10	ND(1.0)	10
42-4-3-OIL-1	3/19/2004	ND(1.0)	5.8	ND(1.0)	5.8
42-4-4-OIL-1	3/19/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-4-5-OIL-1	3/19/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
42-4-6-OIL-1	3/24/2004	ND(1.0)	0.64 J	ND(1.0)	0.64 J
42-4-7-OIL-1	3/24/2004	ND(1.0)	3.5	ND(1.0)	3.5
42-4-8-OIL-1	3/24/2004	ND(1.0)	0.86 J	ND(1.0)	0.86 J
42-E0445-OIL-1	3/22/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-2-1	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-2-2	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-3-1	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-4-1	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-5-1-OIL-1	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-5-2	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
43-5-3-OIL-1	3/24/2004	ND(3.9)	11	ND(3.9)	11
43-5-4-OIL-1	3/24/2004	ND(7.9)	130	ND(7.9)	130
43-5-5-OIL-1	3/24/2004	ND(1.0)	0.73 J	ND(1.0)	0.73 J
43-5-6-OIL-1	3/24/2004	ND(1.0)	4.8	ND(1.0)	4.8
43-5-7-OIL-1	3/24/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
44-1-1	3/24/2004	ND(1.0)	2.3	ND(1.0)	2.3

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E 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 1-4
PCB DATA RECEIVED DURING MARCH 2004

ADDITIONAL SOIL INVESTIGATION - 30s COMPLEX
20s, 30s, 40s COMPLEX
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
RAA2-A1	0-1	3/15/2004	ND(0.038)	ND(0.038)	0.049	0.048	0.097
	1-6	3/15/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA2-B1	1-6	3/18/2004	ND(0.036)	ND(0.036)	0.78	0.41	1.19
RAA2-B2	0-1	3/17/2004	ND(0.035)	ND(0.035)	0.14	0.25	0.39
	1-6	3/17/2004	ND(0.038)	ND(0.038)	0.071	0.050	0.121
RAA2-B8	1-6	3/19/2004	ND(0.038)	ND(0.038)	0.051	0.061	0.112
RAA2-E1	0-1	3/18/2004	ND(0.038)	ND(0.038)	ND(0.038)	1.5	1.5
	1-6	3/18/2004	ND(0.042)	ND(0.042)	ND(0.042)	0.017 J	0.017 J
RAA2-E3	0-1	3/18/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	3/18/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA2-G5	1-6	3/18/2004	ND(0.037)	ND(0.037)	0.24	0.19	0.43
RAA2-H1	0-1	3/16/2004	ND(0.036)	ND(0.036)	0.45	0.91	1.36
	1-6	3/16/2004	ND(0.038)	ND(0.038)	ND(0.038)	1.1	1.1
RAA2-H2	0-1	3/16/2004	ND(0.039)	ND(0.039)	ND(0.039)	0.18	0.18
	1-6	3/16/2004	ND(0.039) [ND(0.039)]	0.38 [0.29]	1.2 [0.67]	1.3 [1.0]	2.88 [1.96]
RAA2-H3	0-1	3/16/2004	ND(0.037)	ND(0.037)	1.5	0.58	2.08
	1-6	3/16/2004	ND(0.036)	ND(0.036)	0.051	0.020 J	0.071
RAA2-H4	0-1	3/16/2004	ND(0.037)	ND(0.037)	0.041	0.16	0.201
	1-6	3/16/2004	ND(0.037)	ND(0.037)	ND(0.037)	0.014 J	0.014 J
RAA2-H9W	0-1	3/17/2004	ND(0.037)	ND(0.037)	0.30	0.60	0.90
	1-6	3/17/2004	ND(0.039)	ND(0.039)	0.41	0.54	0.95
RAA2-H10	0-1	3/17/2004	ND(0.20)	ND(0.20)	2.6	1.8	4.4
	1-6	3/17/2004	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]	ND(0.038) [ND(0.038)]
RAA2-H12	1-6	3/17/2004	ND(0.038)	ND(0.038)	0.25	0.30	0.55
RAA2-I1	0-1	3/17/2004	ND(0.042)	ND(0.042)	ND(0.042)	0.032 J	0.032 J
	1-6	3/17/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-I3	0-1	3/16/2004	ND(0.038)	ND(0.038)	0.027 J	0.013 J	0.040 J
	1-6	3/16/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA2-I5	0-1	3/18/2004	ND(1.9)	ND(1.9)	7.0	8.4	15.4
	1-6	3/18/2004	ND(0.037) [ND(0.19)]	ND(0.037) [ND(0.19)]	1.5 [2.7]	0.31 [0.73]	1.81 [3.43]
RAA2-I12	0-1	3/17/2004	ND(0.036)	ND(0.036)	0.051	0.11	0.161
	1-6	3/17/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA2-J1	0-1	3/15/2004	ND(0.037)	ND(0.037)	0.18	0.23	0.41
	1-6	3/15/2004	ND(0.039)	ND(0.039)	0.013 J	0.018 J	0.031 J
RAA2-J2	0-1	3/17/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	3/17/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA2-J4	0-1	3/16/2004	ND(0.038)	ND(0.038)	0.30	0.32	0.62
	1-6	3/16/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA2-J5	0-1	3/19/2004	ND(3.9)	ND(3.9)	17	21	38
	1-6	3/19/2004	ND(0.037)	ND(0.037)	0.18	0.23	0.41
RAA2-J6	0-1	3/19/2004	ND(0.18)	ND(0.18)	1.3	1.9	3.2
	1-6	3/19/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA2-J7	1-6	3/19/2004	ND(0.21)	ND(0.21)	2.7	3.7	6.4

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E 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 1-5
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SOIL INVESTIGATION - 30s COMPLEX
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA2-J1 1-6 03/15/04	RAA2-J1 4-6 03/15/04
Volatile Organics			
None Detected		NA	--
Semivolatile Organics			
Chrysene		0.079 J	NA
Fluoranthene		0.11 J	NA
Pyrene		0.12 J	NA
Furans			
2,3,7,8-TCDF		ND(0.000000077)	NA
TCDFs (total)		0.0000046	NA
1,2,3,7,8-PeCDF		0.0000012	NA
2,3,4,7,8-PeCDF		ND(0.000000094)	NA
PeCDFs (total)		0.0000022	NA
1,2,3,4,7,8-HxCDF		0.00000072	NA
1,2,3,6,7,8-HxCDF		0.00000051	NA
1,2,3,7,8,9-HxCDF		ND(0.000000026)	NA
2,3,4,6,7,8-HxCDF		ND(0.000000028)	NA
HxCDFs (total)		0.0000042	NA
1,2,3,4,6,7,8-HpCDF		0.0000033	NA
1,2,3,4,7,8,9-HpCDF		ND(0.000000082) X	NA
HpCDFs (total)		0.000014	NA
OCDF		0.0000075	NA
Dioxins			
2,3,7,8-TCDD		ND(0.000000077)	NA
TCDDs (total)		0.0000019	NA
1,2,3,7,8-PeCDD		ND(0.000000094)	NA
PeCDDs (total)		0.0000048	NA
1,2,3,4,7,8-HxCDD		0.00000024	NA
1,2,3,6,7,8-HxCDD		0.00000068	NA
1,2,3,7,8,9-HxCDD		0.00000032	NA
HxCDDs (total)		0.000011	NA
1,2,3,4,6,7,8-HpCDD		0.000022	NA
HpCDDs (total)		0.000081	NA
OCDD		0.00024	NA
Total TEQs (WHO TEFs)		0.00000070	NA
Inorganics			
Antimony		1.40 B	NA
Arsenic		8.40	NA
Barium		30.0	NA
Beryllium		0.360 B	NA
Cadmium		0.350 B	NA
Chromium		5.00	NA
Cobalt		4.90 B	NA
Copper		25.0	NA
Cyanide		0.0760 B	NA
Lead		16.0	NA
Mercury		0.0130 B	NA
Nickel		7.90	NA
Silver		0.230 B	NA
Sulfide		24.0	NA
Tin		2.70 B	NA
Vanadium		6.20	NA
Zinc		29.0	NA

TABLE 1-5
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SOIL INVESTIGATION - 30'S COMPLEX
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

J - Indicates an estimated value less than the practical quantitation limit (PQL).
X - Estimated maximum possible concentration.

Inorganics

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

TABLE 1-6
AIR SAMPLE DATA RECEIVED DURING MARCH 2004

BUILDING 40B DEMOLITION PROGRAM
20s, 30s, 40s COMPLEX
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Date	North of Bldg. 40B (µg/m^3)	North of Bldg. 40B colocated (µg/m^3)	East of Bldg. 40B (µg/m^3)	South of Bldg. 40B (µg/m^3)	Southeast of Bldg. 40B (µg/m3)	Background Inside GE Gate 31 (µg/m^3)
03/20 - 03/21/04	ND	ND	ND	0.0004	0.0016	0.0022
03/23 - 03/24/04	ND	ND	ND	ND	0.0013	ND
Notification Level	0.05	0.05	0.05	0.05	0.05	0.05

ND - Non Detect (<0.0003)

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

a. Activities Undertaken/Completed

- Conducted Liquid Phase Carbon Absorption (LPCA) process water sampling at Building 64G.
- Performed sludge sampling at Building 64T.
- Performed other miscellaneous sampling, as identified in Table 2-1.
- Conducted emergency repair of fire main break located southwest of Building 64. Staged approximately 50 cubic yards of soil for disposal at the Hill 78 OPCA pending opening of the Hill 78 OPCA, as approved by EPA on March 2, 2004. Tankered and transported 3,000 gallons of groundwater collected from the excavation to Building 64G for treatment, as approved by EPA on March 9, 2004. Final Excavation Notification Report will be submitted following disposition of staged material.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted letter report outlining a general description of GE's anticipated demolition activities for 12 buildings within the 60s Complex and proposal for consolidation of demolition debris at the OPCAs (March 30, 2004).
- Sent draft ERE for Future City Recreational Area (FCRA) to EPA and MDEP for review (March 29, 2004).*

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

- Continue to conduct routine process sampling at Buildings 64G and 64T.
- Complete field construction activities (track surfacing) at the FCRA in spring 2004.*
- Initiate pre-demolition activities at the 60s Complex.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

ITEM 2
(cont'd)
PLANT AREA
EAST STREET AREA 2 - SOUTH
(GECD150)
MARCH 2004

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

None

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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	C4-64G-01	3/16/04	Water	CT&E	VOC	3/25/04
64G LPCA Monitoring	C4-64G-02	3/16/04	Water	CT&E	SVOC	3/25/04
64G LPCA Monitoring	C4-64G-03	3/16/04	Water	CT&E	PCB	3/25/04
64G LPCA Monitoring	C4-64G-04	3/16/04	Water	CT&E	Oil & Grease	3/25/04
64G LPCA Monitoring	C4-64G-05	3/16/04	Water	CT&E	VOC	3/25/04
64G LPCA Monitoring	C4-64G-06	3/16/04	Water	CT&E	SVOC	3/25/04
64G LPCA Monitoring	C4-64G-07	3/16/04	Water	CT&E	PCB	3/25/04
64G LPCA Monitoring	C4-64G-08	3/16/04	Water	CT&E	Oil & Grease	3/25/04
64G LPCA Monitoring	C4-64G-09	3/16/04	Water	CT&E	VOC	3/25/04
64G LPCA Monitoring	C4-64G-10	3/16/04	Water	CT&E	SVOC	3/25/04
64G LPCA Monitoring	C4-64G-11	3/16/04	Water	CT&E	PCB	3/25/04
64G LPCA Monitoring	C4-64G-12	3/16/04	Water	CT&E	Oil & Grease	3/25/04
64G LPCA Monitoring	C4-64G-13	3/16/04	Water	CT&E	VOC	3/25/04
64G LPCA Monitoring	C4-64G-14	3/16/04	Water	CT&E	SVOC	3/25/04
64G LPCA Monitoring	C4-64G-15	3/16/04	Water	CT&E	PCB	3/25/04
64G LPCA Monitoring	C4-64G-16	3/16/04	Water	CT&E	Oil & Grease	3/25/04
Building 64G Vapor Phase Carbon Sampling	64G-VPC-C1	3/29/04	Solid	CT&E	PCB, TCLP	
Building 64T Sludge Sampling	C4-64T-01	3/7/04	Sludge	CT&E	PCB	3/15/04
Clean Harbors Roll-Off Re-Wipe Sampling	2743-W1-RW2	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	2743-W3-RW2	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W1-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W2-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W3-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W6-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W7-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W8-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	A679-20-W9-RW1	3/17/04	Wipe	CT&E	PCB	3/19/04
Clean Harbors Roll-Off Re-Wipe Sampling	R3109-W3-RW2	3/17/04	Wipe	CT&E	PCB	3/19/04

TABLE 2-2
PCB DATA RECEIVED DURING MARCH 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
C4-64T-01	3/7/2004	ND(24)	540	230	770

Notes:

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

TABLE 2-3
PCB DATA RECEIVED DURING MARCH 2004

CLEAN HARBORS ROLL-OFF RE-WIPE SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in µg/100cm^2)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
2743-W1-RW2	3/17/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
2743-W3-RW2	3/17/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
A679-20-W1-RW1	3/17/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
A679-20-W2-RW1	3/17/2004	ND(1.0)	0.90 J	1.2	2.1
A679-20-W3-RW1	3/17/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
A679-20-W6-RW1	3/17/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
A679-20-W7-RW1	3/17/2004	ND(1.0)	1.0	1.6	2.6
A679-20-W8-RW1	3/17/2004	ND(1.0)	0.55 J	0.61 J	1.16 J
A679-20-W9-RW1	3/17/2004	ND(1.0)	0.75 J	1.0	1.75
R3109-W3-RW2	3/17/2004	ND(1.0)	1.1	ND(1.0)	1.1

Notes:

1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E 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 2-4
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	C4-64G-01 03/16/04	C4-64G-02 03/16/04	C4-64G-03 03/16/04	C4-64G-04 03/16/04	C4-64G-05 03/16/04	C4-64G-06 03/16/04	C4-64G-07 03/16/04	C4-64G-08 03/16/04
Volatile Organics								
1,1,1-Trichloroethane	ND(0.0050)	NA	NA	NA	0.0042 J	NA	NA	NA
1,1-Dichloroethane	ND(0.0050)	NA	NA	NA	0.0032 J	NA	NA	NA
Benzene	0.027	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	0.11	NA	NA	NA	0.0091	NA	NA	NA
Ethylbenzene	0.018	NA	NA	NA	ND(0.0050)	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	0.00019	NA	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	0.000078	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	0.000268	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	0.0023 J	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	0.0028 J	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	0.0070 J	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	0.031	NA	NA	NA	ND(0.010)	NA	NA
bis(2-Ethylhexyl)phthalate	NA	0.0048 J	NA	NA	NA	ND(0.0084)	NA	NA
Fluorene	NA	0.0063 J	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	0.018	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

TABLE 2-4
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	C4-64G-09 03/16/04	C4-64G-10 03/16/04	C4-64G-11 03/16/04	C4-64G-12 03/16/04	C4-64G-13 03/16/04	C4-64G-14 03/16/04	C4-64G-15 03/16/04	C4-64G-16 03/16/04
Volatile Organics								
1,1,1-Trichloroethane	0.0026 J	NA	NA	NA	ND(0.0050)	NA	NA	NA
1,1-Dichloroethane	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Benzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Chlorobenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
Ethylbenzene	ND(0.0050)	NA	NA	NA	ND(0.0050)	NA	NA	NA
PCBs-Unfiltered								
Aroclor-1254	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Aroclor-1260	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Total PCBs	NA	NA	ND(0.000065)	NA	NA	NA	ND(0.000065)	NA
Semivolatile Organics								
1,2,4-Trichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,3-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
1,4-Dichlorobenzene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Acenaphthene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
bis(2-Ethylhexyl)phthalate	NA	0.0027 J	NA	NA	NA	ND(0.010)	NA	NA
Fluorene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Naphthalene	NA	ND(0.010)	NA	NA	NA	ND(0.010)	NA	NA
Conventionals								
Oil & Grease	NA	NA	NA	ND(5.0)	NA	NA	NA	ND(5.0)

Notes:

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

Data Qualifiers:

Organics and conventional parameters

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

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

a. Activities Undertaken/Completed

- Completed pre-design soil investigation activities.*
- Tankered and transported 3,500 gallons of water from Building 9 to Building 64G for treatment.
- Conducted sampling of waste solvent in drum, 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)

Initiate preparation of Pre-Design Investigation Report.

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 MARCH 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 12X Waste Solvent Drum Sampling	12X-F0486-LIQUID-1	3/2/04	NA	Liquid	CT&E	PCB	3/4/04
Pre-Design Soil Investigation Sampling	RAA5-A3B	3/8/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-A3B	3/8/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-A3B	3/8/04	10-12	Soil	CT&E	VOC	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-A3S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-A4B	3/9/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-A4B	3/9/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-A4B	3/9/04	4-6	Soil	CT&E	VOC	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-A4S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-B02	2/26/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-B02	2/26/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-B02	2/26/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-B02	2/26/04	1-3	Soil	CT&E	VOC	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-B3	3/2/04	0-1	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-B3	3/2/04	1-6	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-B3	3/2/04	6-15	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-B30	3/8/04	0-1	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-B30	3/8/04	6-15	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-B30	3/8/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-B30	3/8/04	3-4	Soil	CT&E	VOC	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-B31	3/5/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-B31	3/5/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-B31	3/5/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-B31	3/5/04	10-12	Soil	CT&E	VOC	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-B4	3/4/04	0-1	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-B4	3/4/04	1-6	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-B4	3/4/04	6-15	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-B7B	3/9/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-B7B	3/9/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-B7S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-B8B	3/9/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-B8B	3/9/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-B8B	3/9/04	4-6	Soil	CT&E	VOC	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-B8S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-C10	3/4/04	0-1	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C10	3/4/04	1-6	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C10	3/4/04	6-11	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C12B	3/15/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-C12B	3/15/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-C12S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-C13B	3/10/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-C13B	3/10/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-C13S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-C14B	3/12/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-C14B	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-C14B	3/12/04	6-8	Soil	CT&E	VOC	

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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
Pre-Design Soil Investigation Sampling	RAA5-C14S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-C2	2/25/04	1-6	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C2	2/25/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C2	2/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C2	2/25/04	13-15	Soil	CT&E	VOC	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C33	3/5/04	0-1	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-C33	3/5/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-C33	3/5/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA5-C5	2/27/04	0-1	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-C5	2/27/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-C5	2/27/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-C5	2/27/04	4-6	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-C6	3/9/04	1-4	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-C6	3/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-C8	3/4/04	0-1	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C8	3/4/04	1-6	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-C8	3/4/04	6-15	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-D15B	3/12/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D15B	3/12/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-D15B	3/12/04	3-4	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-D15S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D16B	3/12/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D16B	3/12/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D16S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D17B	3/12/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D17B	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-D17B	3/12/04	12-14	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-D17S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-D18B	3/11/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D18B	3/11/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D18B	3/11/04	1-3	Soil	CT&E	VOC	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D18S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D19B	3/11/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D19B	3/11/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D19S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-D20B	3/11/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D20B	3/11/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D20B	3/11/04	6-8	Soil	CT&E	VOC	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-D20S	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-D9	3/1/04	0-1	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-D9	3/1/04	1-6	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-D9	3/1/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-D9	3/1/04	9-11	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-10 (RAA5-G18)	2/27/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-11 (RAA5-E12)	3/2/04	11-13	Soil	CT&E	VOC	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-12 (RAA5-E12)	3/2/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/18/04

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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
Pre-Design Soil Investigation Sampling	RAA5-DUP-13 (RAA5-F34)	3/3/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-14 (RAA5-H30)	3/8/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-15 (RAA5-[illegible])	3/10/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-16 (RAA5-[illegible])	3/11/04	6-8	Soil	CT&E	VOC	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-17 (RAA5-[illegible])	3/11/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-DUP-18 (RAA5-[illegible])	3/12/04	12-14	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-DUP-19 (RAA5-[illegible])	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-DUP-20 (RAA5-[illegible])	3/16/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-DUP-9 (RAA5-I25)	2/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-E02	2/26/04	1-6	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-E02	2/26/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-E02	2/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-E10	3/12/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E10	3/12/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E10	3/12/04	6-10	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E12	3/2/04	1-6	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-E12	3/2/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-E12	3/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-E12	3/2/04	11-13	Soil	CT&E	VOC	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-E21B	3/11/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-E21B	3/11/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-E21S	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-E32	2/26/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-E32	2/26/04	1-6	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-E32	2/26/04	6-13.5	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-E34	3/3/04	0-1	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-E34	3/3/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-E34	3/3/04	6-15	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-E6	3/12/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E6	3/12/04	6-12	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E6	3/12/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-E6	3/12/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-E8	3/12/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E8	3/12/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-E8	3/12/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-F02	2/26/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F02	2/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F02	2/26/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F02	2/26/04	1-3	Soil	CT&E	VOC	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F02	2/26/04	6-8	Soil	CT&E	VOC	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F16	3/1/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-F16	3/1/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-F16	3/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-F16	3/1/04	4-6	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-F27	2/24/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F27	2/24/04	1-6	Soil	CT&E	PCB	3/9/04

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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
Pre-Design Soil Investigation Sampling	RAA5-F27	2/24/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-F34	3/3/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-F34	3/3/04	6-15	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-F34	3/3/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-G02	2/26/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-G02	2/26/04	1-6	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-G02	2/26/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-G18	2/27/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-G18	2/27/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-G18	2/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-G18	2/27/04	4-6	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-G34	3/3/04	6-15	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-G35	3/3/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-G35	3/3/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-G35	3/3/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-G35	3/3/04	6-8	Soil	CT&E	VOC	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H10	2/27/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H10	2/27/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H10	2/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H10	2/27/04	4-6	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H20	2/27/04	1-6	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H20	2/27/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H20	2/27/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H20	2/27/04	12-14	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA5-H22	2/24/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H22	2/24/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H22	2/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H22	2/24/04	1-3	Soil	CT&E	VOC	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H24	2/24/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H24	2/24/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H26	2/24/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H26	2/24/04	1-6	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H26	2/24/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-H28	3/2/04	0-1	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-H28	3/2/04	1-6	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-H28	3/2/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-H28	3/2/04	10-12	Soil	CT&E	VOC	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-H30	3/8/04	0-1	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H30	3/8/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H30	3/8/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H30	3/8/04	8-10	Soil	CT&E	VOC	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H31	3/2/04	1-6	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-H31	3/2/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-H33	2/25/04	0-1	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-H33	2/25/04	1-4	Soil	CT&E	PCB, SVOC, Inorganics	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-H33	2/25/04	1-3	Soil	CT&E	VOC	3/10/04

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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
Pre-Design Soil Investigation Sampling	RAA5-H34	3/3/04	1-6	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H34	3/3/04	6-15	Soil	CT&E	PCB	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H34	3/3/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/16/04
Pre-Design Soil Investigation Sampling	RAA5-H9	3/12/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-H9	3/12/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA5-H9	3/12/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA5-H9	3/12/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA5-I1	3/10/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I1	3/10/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I1	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I1	3/10/04	4-6	Soil	CT&E	VOC	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I17	3/2/04	6-15	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-I17	3/2/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-I17	3/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-I17	3/2/04	2-4	Soil	CT&E	VOC	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-I23	2/23/04	1-6	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-I23	2/23/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-I23	2/23/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-I23	2/23/04	10-12	Soil	CT&E	VOC	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-I25	2/25/04	1-6	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-I25	2/25/04	6-15	Soil	CT&E	PCB	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-I25	2/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/10/04
Pre-Design Soil Investigation Sampling	RAA5-I26	3/10/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I26	3/10/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I27	3/10/04	1-6	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I27	3/10/04	6-15	Soil	CT&E	PCB	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-I27	3/10/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/30/04
Pre-Design Soil Investigation Sampling	RAA5-J05	2/26/04	0-1	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-J05	2/26/04	1-6	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-J05	2/26/04	6-15	Soil	CT&E	PCB	3/9/04
Pre-Design Soil Investigation Sampling	RAA5-J21	3/2/04	6-15	Soil	CT&E	PCB	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-J21	3/2/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-J21	3/2/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/18/04
Pre-Design Soil Investigation Sampling	RAA5-J21	3/2/04	3-5	Soil	CT&E	VOC	3/18/04

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

TABLE 3-2
PCB DATA RECEIVED DURING MARCH 2004

BUILDING 12X WASTE SOLVENT DRUM SAMPLING
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
12X-F0486-LIQUID-1[3]	3/2/2004	ND(4.0)	41	24	65

Notes:

1. Sample was collected by Blasland Bouck & Lee, Inc., and submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Sample has been analyzed as oil matrix.

TABLE 3-3
PCB DATA RECEIVED DURING MARCH 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-A3B	1-6	3/8/2004	ND(0.036)	0.041	0.10	0.141
	6-15	3/8/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-A4B	1-6	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-B02	0-1	2/26/2004	ND(0.037)	0.066	0.067	0.133
	1-6	2/26/2004	ND(0.041)	0.082	0.071	0.153
	6-15	2/26/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA5-B3	0-1	3/2/2004	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	1-6	3/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/2/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-B4	0-1	3/4/2004	ND(0.036)	0.018 J	ND(0.036)	0.018 J
	1-6	3/4/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/4/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA5-B7B	1-6	3/9/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	3/9/2004	ND(0.039)	0.026 J	0.018 J	0.044 J
RAA5-B8B	1-6	3/9/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-B30	0-1	3/8/2004	ND(0.039)	0.076	0.15	0.226
	1-6	3/8/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	3/8/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA5-B31	0-1	3/5/2004	ND(0.040)	0.098	0.20	0.298
	1-6	3/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/5/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA5-C2	0-1	2/25/2004	ND(0.042)	0.80	0.80	1.6
	1-6	2/25/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	2/25/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA5-C5	0-1	2/27/2004	ND(0.036)	0.51	0.41	0.92
	1-6	2/27/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	2/27/2004	ND(0.037)	ND(0.037)	0.031 J	0.031 J
RAA5-C6	0-1	3/9/2004	ND(0.035)	ND(0.035)	0.0098 J	0.0098 J
	1-4	3/9/2004	ND(0.035)	0.011 J	ND(0.035)	0.011 J
RAA5-C8	0-1	3/4/2004	ND(0.036)	0.11	ND(0.036)	0.11
	1-6	3/4/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/4/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-C10	0-1	3/4/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	3/4/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-11	3/4/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-C13B	1-6	3/10/2004	ND(0.038)	ND(0.038)	0.54	0.54
	6-15	3/10/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
RAA5-C33	0-1	3/5/2004	ND(0.040)	0.66	0.90	1.56
	1-6	3/5/2004	ND(0.039)	0.045	0.051	0.096
	6-15	3/5/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA5-D9	0-1	3/1/2004	ND(0.038)	ND(0.038)	0.60	0.60
	1-6	3/1/2004	ND(0.038)	0.028 J	0.038 J	0.066 J
	6-15	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-D18B	1-6	3/11/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/11/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-D19B	1-6	3/11/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/11/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA5-D20B	1-6	3/11/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/11/2004	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]
RAA5-E02	0-1	2/26/2004	ND(0.17)	1.4	2.2	3.6
	1-6	2/26/2004	ND(0.035)	0.091	0.13	0.221
	6-15	2/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA5-E12	0-1	3/2/2004	ND(0.18)	3.1	1.3	4.4
	1-6	3/2/2004	ND(1.8)	45	ND(1.8)	45
	6-15	3/2/2004	ND(0.19) [ND(0.037)]	2.1 [1.4]	ND(0.19) [0.44]	2.1 [1.84]

TABLE 3-3
PCB DATA RECEIVED DURING MARCH 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-E21B	1-6	3/11/2004	ND(0.038)	ND(0.038)	0.092	0.092
	6-15	3/11/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-E32	0-1	2/26/2004	ND(0.037)	0.11	0.22	0.33
	1-6	2/26/2004	ND(0.19)	1.9	2.2	4.1
	6-13.5	2/26/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
RAA5-E34	0-1	3/3/2004	ND(0.38)	8.8	5.1	13.9
	1-6	3/3/2004	ND(0.036)	0.19	0.088	0.278
	6-15	3/3/2004	ND(0.039)	0.020 J	ND(0.039)	0.020 J
RAA5-F02	0-1	2/26/2004	ND(0.038)	0.47	0.34	0.81
	1-6	2/26/2004	ND(0.036)	0.070	0.058	0.128
	6-15	2/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA5-F16	0-1	3/1/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-F27	0-1	2/24/2004	ND(0.038)	0.088	0.28	0.368
	1-6	2/24/2004	ND(0.037)	0.059	0.12	0.179
	6-15	2/24/2004	ND(0.038)	0.014 J	0.018 J	0.032 J
RAA5-F34	0-1	3/3/2004	ND(0.19)	2.1	1.6	3.7
	1-6	3/3/2004	ND(0.037) [ND(0.037)]	0.048 [0.090]	0.032 J [0.058]	0.080 [0.148]
	6-15	3/3/2004	ND(0.041)	0.068	0.041	0.109
RAA5-G02	0-1	2/26/2004	ND(0.037)	0.12	0.23	0.35
	1-6	2/26/2004	ND(0.036)	0.018 J	0.041	0.059
	6-15	2/26/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA5-G18	0-1	2/27/2004	ND(0.036)	ND(0.036)	0.48	0.48
	1-6	2/27/2004	ND(0.037)	0.017 J	0.014 J	0.031 J
	6-15	2/27/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
RAA5-G34	6-15	3/3/2004	ND(4.0)	49	21	70
RAA5-G35	0-1	3/3/2004	ND(0.038)	0.64	0.91	1.55
	1-6	3/3/2004	ND(0.36)	4.2	3.6	7.8
	6-15	3/3/2004	ND(0.039)	0.017 J	0.018 J	0.035 J
RAA5-H10	0-1	2/27/2004	ND(0.21)	ND(0.21)	4.7	4.7
	1-6	2/27/2004	ND(0.038)	ND(0.038)	1.7	1.7
	6-15	2/27/2004	ND(0.045)	ND(0.045)	0.019 J	0.019 J
RAA5-H20	0-1	2/27/2004	ND(0.037)	0.85	1.8	2.65
	1-6	2/27/2004	ND(0.036)	0.35	0.52	0.87
	6-15	2/27/2004	ND(0.036)	0.012 J	0.027 J	0.039 J
RAA5-H22	0-1	2/24/2004	ND(0.20)	0.82	1.4	2.22
	1-6	2/24/2004	ND(0.37)	7.6	4.0	11.6
	6-15	2/24/2004	ND(0.037)	0.022 J	ND(0.037)	0.022 J
RAA5-H24	6-15	2/24/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-H26	0-1	2/24/2004	ND(0.19)	1.9	2.4	4.3
	1-6	2/24/2004	ND(0.037)	0.047	0.039	0.086
	6-15	2/24/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-H28	0-1	3/2/2004	ND(0.41)	3.2	5.0	8.2
	1-6	3/2/2004	ND(0.037)	0.20	0.20	0.40
	6-15	3/2/2004	ND(0.037)	0.087	0.085	0.172
RAA5-H30	0-1	3/8/2004	ND(0.038)	0.24	0.50	0.74
	1-6	3/8/2004	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]	ND(0.037) [ND(0.037)]
	6-15	3/8/2004	ND(0.037)	0.015 J	0.018 J	0.033 J
RAA5-H31	1-6	3/2/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-H33	0-1	2/25/2004	ND(0.20)	0.99	1.1	2.09
	1-4	2/25/2004	ND(3.8)	8.1	8.0	16.1
RAA5-H34	0-1	3/3/2004	ND(0.19)	2.1	1.5	3.6
	1-6	3/3/2004	ND(0.18)	2.3	3.1	5.4
	6-15	3/3/2004	ND(0.039)	0.55	1.1	1.65

TABLE 3-3
PCB DATA RECEIVED DURING MARCH 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-I1	0-1	3/10/2004	ND(0.035)	ND(0.035)	0.017 J	0.017 J
	1-6	3/10/2004	ND(0.039)	ND(0.039)	0.035 J	0.035 J
	6-15	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-I17	0-1	3/2/2004	ND(0.18)	5.2	7.4	12.6
	1-6	3/2/2004	ND(0.18)	2.6	3.4	6.0
	6-15	3/2/2004	ND(0.18)	2.9	5.2	8.1
RAA5-I23	0-1	2/23/2004	ND(0.19)	2.1	1.6	3.7
	1-6	2/23/2004	ND(19)	180	ND(19)	180
	6-15	2/23/2004	ND(0.038)	0.12	ND(0.038)	0.12
RAA5-I25	0-1	2/25/2004	ND(0.18) [ND(0.19)]	0.89 [0.93]	1.5 [1.3]	2.39 [2.23]
	1-6	2/25/2004	ND(0.037)	0.083	0.080	0.163
	6-15	2/25/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA5-I26	1-6	3/10/2004	ND(0.038)	0.048	0.078	0.126
	6-15	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-I27	1-6	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/10/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA5-J05	0-1	2/26/2004	ND(0.035)	0.022 J	0.027 J	0.049 J
	1-6	2/26/2004	ND(0.035)	0.081	0.064	0.145
	6-15	2/26/2004	ND(0.035)	0.15	0.19	0.34
RAA5-J21	0-1	3/2/2004	ND(18)	ND(18)	26	26
	1-6	3/2/2004	ND(0.034)	ND(0.034)	1.2	1.2
	6-15	3/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E 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 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-A3B 6-15 03/08/04	RAA5-A3B 10-12 03/08/04	RAA5-A4B 1-6 03/09/04	RAA5-A4B 4-6 03/09/04	RAA5-B02 1-3 02/26/04
Volatile Organics					
Chloroform	NA	ND(0.0057)	NA	ND(0.0056)	ND(0.0056)
Ethylbenzene	NA	ND(0.0057)	NA	ND(0.0056)	ND(0.0056)
Xylenes (total)	NA	ND(0.0057)	NA	ND(0.0056)	ND(0.0056)
Semivolatile Organics					
1,3-Dinitrobenzene	ND(0.76)	NA	ND(0.74)	NA	NA
1,4-Naphthoquinone	ND(0.76)	NA	ND(0.74)	NA	NA
2,4-Dinitrophenol	ND(1.9)	NA	ND(1.9)	NA	NA
2,4-Dinitrotoluene	ND(0.38)	NA	ND(0.37)	NA	NA
2,6-Dinitrotoluene	ND(0.38)	NA	ND(0.37)	NA	NA
2-Acetylaminofluorene	ND(0.76)	NA	ND(0.74)	NA	NA
2-Methylnaphthalene	ND(0.38)	NA	ND(0.37)	NA	NA
4-Chlorobenzilate	ND(0.76)	NA	ND(0.74)	NA	NA
5-Nitro-o-toluidine	ND(0.76)	NA	ND(0.74)	NA	NA
Acenaphthene	ND(0.38)	NA	ND(0.37)	NA	NA
Acenaphthylene	ND(0.38)	NA	ND(0.37)	NA	NA
Anthracene	ND(0.38)	NA	ND(0.37)	NA	NA
Benzidine	ND(0.76)	NA	ND(0.74)	NA	NA
Benzo(a)anthracene	ND(0.38)	NA	ND(0.37)	NA	NA
Benzo(a)pyrene	ND(0.38)	NA	ND(0.37)	NA	NA
Benzo(b)fluoranthene	ND(0.38)	NA	ND(0.37)	NA	NA
Benzo(g,h,i)perylene	ND(0.38)	NA	ND(0.37)	NA	NA
Benzo(k)fluoranthene	ND(0.38)	NA	ND(0.37)	NA	NA
Benzyl Alcohol	ND(0.76)	NA	ND(0.74)	NA	NA
Chrysene	ND(0.38)	NA	ND(0.37)	NA	NA
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.37)	NA	NA
Dibenzofuran	ND(0.38)	NA	ND(0.37)	NA	NA
Dimethylphthalate	ND(0.38)	NA	ND(0.37)	NA	NA
Fluoranthene	ND(0.38)	NA	ND(0.37)	NA	NA
Fluorene	ND(0.38)	NA	ND(0.37)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	ND(0.37)	NA	NA
Methapyrilene	ND(0.76)	NA	ND(0.74)	NA	NA
Naphthalene	ND(0.38)	NA	ND(0.37)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.38)	NA	ND(0.37)	NA	NA
p-Dimethylaminoazobenzene	ND(0.76)	NA	ND(0.74)	NA	NA
Phenacetin	ND(0.76)	NA	ND(0.74)	NA	NA
Phenanthrene	ND(0.38)	NA	0.13 J	NA	NA
Phenol	ND(0.38)	NA	ND(0.37)	NA	NA
Pyrene	ND(0.38)	NA	ND(0.37)	NA	NA
Thionazin	ND(0.38)	NA	ND(0.37)	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.00000017)	NA	ND(0.000000090)	NA	NA
TCDFs (total)	ND(0.00000017)	NA	ND(0.000000090)	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000017)	NA	ND(0.00000013)	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000019)	NA	ND(0.00000013)	NA	NA
PeCDFs (total)	0.0000054 I	NA	0.0000015 I	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000012)	NA	0.00000078	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000012)	NA	0.00000067	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000010)	NA	0.00000081	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000010)	NA	0.0000012	NA	NA
HxCDFs (total)	0.0000010	NA	0.0000041 I	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.000000081)	NA	0.0000011	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.000000096)	NA	ND(0.00000011)	NA	NA
HpCDFs (total)	ND(0.000000096)	NA	0.0000013	NA	NA
OCDF	ND(0.00000021)	NA	0.0000013	NA	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-A3B 6-15 03/08/04	RAA5-A3B 10-12 03/08/04	RAA5-A4B 1-6 03/09/04	RAA5-A4B 4-6 03/09/04	RAA5-B02 1-3 02/26/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000012)	NA	ND(0.00000012)	NA	NA
TCDDs (total)		ND(0.00000012)	NA	ND(0.00000012)	NA	NA
1,2,3,7,8-PeCDD		ND(0.00000044)	NA	ND(0.00000020)	NA	NA
PeCDDs (total)		ND(0.00000044)	NA	ND(0.00000020)	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.00000015)	NA	0.0000011	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.00000015)	NA	0.00000085	NA	NA
1,2,3,7,8,9-HxCDD		ND(0.00000014)	NA	ND(0.00000073) X	NA	NA
HxCDDs (total)		ND(0.00000015)	NA	0.00000078	NA	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000015)	NA	ND(0.00000011)	NA	NA
HpCDDs (total)		ND(0.00000015)	NA	ND(0.00000011)	NA	NA
OCDD		0.0000041	NA	0.0000030	NA	NA
Total TEQs (WHO TEFs)		0.00000039	NA	0.00000079	NA	NA
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	NA	NA
Arsenic		4.20	NA	5.90	NA	NA
Barium		20.0	NA	20.0	NA	NA
Beryllium		0.210 B	NA	0.180 B	NA	NA
Cadmium		0.340 B	NA	0.310 B	NA	NA
Chromium		5.50	NA	6.30	NA	NA
Cobalt		6.30	NA	8.10	NA	NA
Copper		12.0	NA	22.0	NA	NA
Cyanide		ND(0.570)	NA	ND(0.550)	NA	NA
Lead		5.00	NA	23.0	NA	NA
Mercury		ND(0.110)	NA	ND(0.110)	NA	NA
Nickel		11.0	NA	13.0	NA	NA
Selenium		0.620 B	NA	1.20	NA	NA
Silver		ND(1.00)	NA	ND(1.00)	NA	NA
Sulfide		7.20	NA	77.0	NA	NA
Thallium		ND(1.10)	NA	ND(1.10)	NA	NA
Tin		2.40 B	NA	3.40 B	NA	NA
Vanadium		5.60	NA	5.90	NA	NA
Zinc		36.0	NA	35.0	NA	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-B02 1-6 02/26/04	RAA5-B8B 1-6 03/09/04	RAA5-B8B 4-6 03/09/04	RAA5-B30 1-6 03/08/04	RAA5-B30 3-4 03/08/04
Volatile Organics					
Chloroform	NA	NA	ND(0.0055)	NA	ND(0.0057)
Ethylbenzene	NA	NA	ND(0.0055)	NA	ND(0.0057)
Xylenes (total)	NA	NA	ND(0.0055)	NA	ND(0.0057)
Semivolatile Organics					
1,3-Dinitrobenzene	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
1,4-Naphthoquinone	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
2,4-Dinitrophenol	ND(2.1)	ND(1.8)	NA	ND(2.0)	NA
2,4-Dinitrotoluene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
2,6-Dinitrotoluene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
2-Acetylaminofluorene	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
2-Methylnaphthalene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
4-Chlorobenzilate	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
5-Nitro-o-toluidine	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
Acenaphthene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Acenaphthylene	0.12 J	ND(0.36)	NA	ND(0.39)	NA
Anthracene	0.29 J	ND(0.36)	NA	ND(0.39)	NA
Benzidine	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
Benzo(a)anthracene	0.21 J	ND(0.36)	NA	ND(0.39)	NA
Benzo(a)pyrene	0.15 J	ND(0.36)	NA	ND(0.39)	NA
Benzo(b)fluoranthene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Benzo(g,h,i)perylene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Benzo(k)fluoranthene	0.095 J	ND(0.36)	NA	ND(0.39)	NA
Benzyl Alcohol	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
Chrysene	0.20 J	ND(0.36)	NA	ND(0.39)	NA
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Dibenzofuran	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Dimethylphthalate	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Fluoranthene	0.77	ND(0.36)	NA	ND(0.39)	NA
Fluorene	0.20 J	ND(0.36)	NA	ND(0.39)	NA
Indeno(1,2,3-cd)pyrene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Methapyrilene	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
Naphthalene	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
p-Dimethylaminoazobenzene	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
Phenacetin	ND(0.82)	ND(0.72)	NA	ND(0.78)	NA
Phenanthrene	1.3	ND(0.36)	NA	ND(0.39)	NA
Phenol	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Pyrene	0.84	ND(0.36)	NA	ND(0.39)	NA
Thionazin	ND(0.41)	ND(0.36)	NA	ND(0.39)	NA
Furans					
2,3,7,8-TCDF	ND(0.00000015)	ND(0.00000022)	NA	0.00000090 Y	NA
TCDFs (total)	ND(0.00000015)	ND(0.00000022)	NA	0.000010 I	NA
1,2,3,7,8-PeCDF	ND(0.00000015)	ND(0.00000030)	NA	ND(0.00000025)	NA
2,3,4,7,8-PeCDF	ND(0.00000016)	ND(0.00000029)	NA	ND(0.00000028)	NA
PeCDFs (total)	0.000034 I	0.0000080 I	NA	0.000023 I	NA
1,2,3,4,7,8-HxCDF	ND(0.00000010)	ND(0.00000017)	NA	ND(0.0000017) X	NA
1,2,3,6,7,8-HxCDF	ND(0.00000010)	ND(0.00000017)	NA	0.00000082	NA
1,2,3,7,8,9-HxCDF	ND(0.000000085)	ND(0.00000014)	NA	ND(0.00000015)	NA
2,3,4,6,7,8-HxCDF	ND(0.000000088)	ND(0.00000015)	NA	ND(0.0000013) X	NA
HxCDFs (total)	0.000018 I	ND(0.00000017)	NA	0.000013 I	NA
1,2,3,4,6,7,8-HpCDF	ND(0.000000057)	ND(0.00000012)	NA	ND(0.0000017) X	NA
1,2,3,4,7,8,9-HpCDF	ND(0.000000066)	ND(0.00000013)	NA	0.0000019	NA
HpCDFs (total)	ND(0.000000066)	ND(0.00000013)	NA	0.0000016	NA
OCDF	ND(0.000000095)	ND(0.00000027)	NA	ND(0.00000043)	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter / Sample ID / Sample Depth(Feet) / Date Collected:	RAA5-B02 1-6 02/26/04	RAA5-B8B 1-6 03/09/04	RAA5-B8B 4-6 03/09/04	RAA5-B30 1-6 03/08/04	RAA5-B30 3-4 03/08/04
Dioxins					
2,3,7,8-TCDD	ND(0.000000095)	ND(0.00000022)	NA	ND(0.00000020)	NA
TCDDs (total)	ND(0.000000095)	ND(0.00000022)	NA	ND(0.00000020)	NA
1,2,3,7,8-PeCDD	ND(0.00000026)	ND(0.00000045)	NA	ND(0.00000095)	NA
PeCDDs (total)	ND(0.00000026)	ND(0.00000045)	NA	ND(0.00000095)	NA
1,2,3,4,7,8-HxCDD	ND(0.000000088)	ND(0.00000018)	NA	ND(0.00000027)	NA
1,2,3,6,7,8-HxCDD	ND(0.000000085)	ND(0.00000018)	NA	ND(0.00000026)	NA
1,2,3,7,8,9-HxCDD	ND(0.000000078)	ND(0.00000016)	NA	0.0000015	NA
HxCDDs (total)	ND(0.000000088)	ND(0.00000018)	NA	0.0000015	NA
1,2,3,4,6,7,8-HpCDD	ND(0.000000078)	ND(0.00000017)	NA	ND(0.00000024)	NA
HpCDDs (total)	ND(0.000000078)	ND(0.00000017)	NA	ND(0.00000024)	NA
OCDD	ND(0.0000084) X	ND(0.00000017)	NA	0.0000089	NA
Total TEQs (WHO TEFs)	0.00000026	0.00000049	NA	0.0000012	NA
Inorganics					
Antimony	ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic	4.20	5.30	NA	6.80	NA
Barium	36.0	24.0	NA	36.0	NA
Beryllium	0.240 B	0.220 B	NA	0.380 B	NA
Cadmium	0.270 B	0.390 B	NA	0.530	NA
Chromium	6.80	6.10	NA	9.70	NA
Cobalt	5.80	7.70	NA	14.0	NA
Copper	8.60	14.0	NA	27.0	NA
Cyanide	0.100 B	ND(0.540)	NA	ND(0.580)	NA
Lead	8.60	5.60	NA	9.20	NA
Mercury	0.0170 B	ND(0.110)	NA	ND(0.120)	NA
Nickel	8.80	14.0	NA	24.0	NA
Selenium	1.20	0.950 B	NA	0.730 B	NA
Silver	ND(1.00)	0.160 B	NA	ND(1.00)	NA
Sulfide	9.80	10.0	NA	ND(5.80)	NA
Thallium	ND(1.20)	ND(1.10)	NA	ND(1.20)	NA
Tin	3.80 B	2.40 B	NA	2.40 B	NA
Vanadium	10.0	5.80	NA	9.10	NA
Zinc	37.0	42.0	NA	69.0	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-B31 0-1 03/05/04	RAA5-B31 6-15 03/05/04	RAA5-B31 10-12 03/05/04	RAA5-C2 0-1 02/25/04	RAA5-C2 6-15 02/25/04	RAA5-C2 13-15 02/25/04
Volatile Organics						
Chloroform	ND(0.0060)	NA	ND(0.0061)	ND(0.0063)	NA	ND(0.0052)
Ethylbenzene	ND(0.0060)	NA	ND(0.0061)	ND(0.0063)	NA	ND(0.0052)
Xylenes (total)	ND(0.0060)	NA	ND(0.0061)	ND(0.0063)	NA	ND(0.0052)
Semivolatile Organics						
1,3-Dinitrobenzene	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
1,4-Naphthoquinone	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
2,4-Dinitrophenol	ND(2.0)	ND(2.0)	NA	ND(2.1)	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
2,6-Dinitrotoluene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
2-Acetylaminofluorene	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
2-Methylnaphthalene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
4-Chlorobenzilate	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
5-Nitro-o-toluidine	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
Acenaphthene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Acenaphthylene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Anthracene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Benzidine	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
Benzo(a)anthracene	0.11 J	ND(0.39)	NA	0.39 J	ND(0.35)	NA
Benzo(a)pyrene	ND(0.40)	ND(0.39)	NA	0.34 J	ND(0.35)	NA
Benzo(b)fluoranthene	ND(0.40)	ND(0.39)	NA	0.28 J	ND(0.35)	NA
Benzo(g,h,i)perylene	ND(0.40)	ND(0.39)	NA	0.19 J	ND(0.35)	NA
Benzo(k)fluoranthene	ND(0.40)	ND(0.39)	NA	0.44	ND(0.35)	NA
Benzyl Alcohol	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
Chrysene	0.16 J	ND(0.39)	NA	0.44	ND(0.35)	NA
Dibenzo(a,h)anthracene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Dibenzofuran	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Dimethylphthalate	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Fluoranthene	0.25 J	ND(0.39)	NA	0.67	ND(0.35)	NA
Fluorene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Indeno(1,2,3-cd)pyrene	ND(0.40)	ND(0.39)	NA	0.13 J	ND(0.35)	NA
Methapyrilene	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
Naphthalene	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
N-Nitroso-di-n-propylamine	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
p-Dimethylaminoazobenzene	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
Phenacetin	ND(0.81)	ND(0.78)	NA	ND(0.84)	ND(0.71)	NA
Phenanthrene	0.14 J	ND(0.39)	NA	0.11 J	ND(0.35)	NA
Phenol	0.49	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Pyrene	0.28 J	ND(0.39)	NA	0.79	ND(0.35)	NA
Thionazin	ND(0.40)	ND(0.39)	NA	ND(0.42)	ND(0.35)	NA
Furans						
2,3,7,8-TCDF	0.000016 Y	NA	NA	0.000012 Y	ND(0.000000097)	NA
TCDFs (total)	0.00047 I	NA	NA	0.0013 I	ND(0.000000097)	NA
1,2,3,7,8-PeCDF	0.0000056	NA	NA	0.0000085	ND(0.00000010)	NA
2,3,4,7,8-PeCDF	0.0000096	NA	NA	0.0000086	ND(0.00000011)	NA
PeCDFs (total)	0.00068 I	NA	NA	0.0027 I	ND(0.00000011)	NA
1,2,3,4,7,8-HxCDF	0.0000058	NA	NA	0.0000085	ND(0.000000052)	NA
1,2,3,6,7,8-HxCDF	0.0000017	NA	NA	ND(0.0000012)	ND(0.000000052)	NA
1,2,3,7,8,9-HxCDF	0.00000095	NA	NA	0.0000022	ND(0.000000046)	NA
2,3,4,6,7,8-HxCDF	0.0000030	NA	NA	0.000011	ND(0.000000048)	NA
HxCDFs (total)	0.00028 I	NA	NA	0.0015 I	ND(0.000000052)	NA
1,2,3,4,6,7,8-HpCDF	0.000011	NA	NA	0.000029	ND(0.000000041)	NA
1,2,3,4,7,8,9-HpCDF	0.0000015	NA	NA	0.0000034	ND(0.000000048)	NA
HpCDFs (total)	0.000024	NA	NA	0.000091 I	ND(0.000000048)	NA
OCDF	0.000020	NA	NA	0.000016	ND(0.00000011)	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter / Sample ID:	RAA5-B31	RAA5-B31	RAA5-B31	RAA5-C2	RAA5-C2	RAA5-C2
Sample Depth(Feet):	0-1	6-15	10-12	0-1	6-15	13-15
Date Collected:	03/05/04	03/05/04	03/05/04	02/25/04	02/25/04	02/25/04
Dioxins						
2,3,7,8-TCDD	ND(0.00000036)	NA	NA	ND(0.00000018)	ND(0.000000089)	NA
TCDDs (total)	ND(0.00000036)	NA	NA	ND(0.00000018)	ND(0.000000089)	NA
1,2,3,7,8-PeCDD	ND(0.0000021)	NA	NA	ND(0.0000024)	ND(0.00000020)	NA
PeCDDs (total)	ND(0.0000021)	NA	NA	ND(0.0000024)	ND(0.00000020)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000048)	NA	NA	ND(0.00000069)	ND(0.000000075)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000051)	NA	NA	ND(0.00000069)	ND(0.000000079)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000046)	NA	NA	ND(0.00000063)	ND(0.000000070)	NA
HxCDDs (total)	ND(0.00000051)	NA	NA	ND(0.00000069)	ND(0.000000079)	NA
1,2,3,4,6,7,8-HpCDD	0.000012	NA	NA	0.000012	ND(0.000000077)	NA
HpCDDs (total)	0.000034	NA	NA	0.000028	ND(0.000000077)	NA
OCDD	0.00014	NA	NA	0.000080	ND(0.000000091)	NA
Total TEQs (WHO TEFs)	0.0000094	NA	NA	0.000010	0.00000020	NA
Inorganics						
Antimony	ND(6.00)	ND(6.00)	NA	1.80 B	1.70 B	NA
Arsenic	6.20	5.20	NA	9.90	8.00	NA
Barium	32.0	30.0	NA	21.0	11.0 B	NA
Beryllium	0.320 B	0.320 B	NA	0.190 B	0.120 B	NA
Cadmium	0.590	0.490 B	NA	0.580	0.600	NA
Chromium	8.30	7.60	NA	5.50	4.90	NA
Cobalt	13.0	8.50	NA	6.70	6.00	NA
Copper	20.0	18.0	NA	36.0	23.0	NA
Cyanide	ND(0.600)	ND(0.580)	NA	0.220 B	ND(0.530)	NA
Lead	17.0	11.0	NA	30.0	9.70	NA
Mercury	ND(0.120)	ND(0.120)	NA	0.0950 B	ND(0.100)	NA
Nickel	19.0	15.0	NA	9.70	9.40	NA
Selenium	0.810 B	0.920 B	NA	ND(1.00)	ND(1.00)	NA
Silver	ND(1.00)	ND(1.00)	NA	ND(1.00)	0.140 B	NA
Sulfide	25.0	ND(5.80)	NA	26.0	14.0	NA
Thallium	ND(1.20)	ND(1.20)	NA	ND(1.20)	ND(1.00)	NA
Tin	2.60 B	2.80 B	NA	4.10 B	2.40 B	NA
Vanadium	8.20	7.90	NA	5.60	2.80 B	NA
Zinc	61.0	49.0	NA	56.0	28.0	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-C5 1-6 02/27/04	RAA5-C5 4-6 02/27/04	RAA5-C6 0-1 03/09/04	RAA5-D9 6-15 03/01/04	RAA5-D9 9-11 03/01/04
Volatile Organics						
Chloroform		NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0055)
Ethylbenzene		NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0055)
Xylenes (total)		NA	ND(0.0056)	ND(0.0053)	NA	ND(0.0055)
Semivolatile Organics						
1,3-Dinitrobenzene		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
1,4-Naphthoquinone		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
2,4-Dinitrophenol		ND(1.9)	NA	ND(1.8)	ND(1.9)	NA
2,4-Dinitrotoluene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
2,6-Dinitrotoluene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
2-Acetylaminofluorene		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
2-Methylnaphthalene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
4-Chlorobenzilate		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
5-Nitro-o-toluidine		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
Acenaphthene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Acenaphthylene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Anthracene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Benzidine		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
Benzo(a)anthracene		ND(0.37)	NA	0.078 J	0.082 J	NA
Benzo(a)pyrene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Benzo(b)fluoranthene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Benzo(g,h,i)perylene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Benzo(k)fluoranthene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Benzyl Alcohol		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
Chrysene		ND(0.37)	NA	0.092 J	0.078 J	NA
Dibenzo(a,h)anthracene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Dibenzofuran		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Dimethylphthalate		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Fluoranthene		ND(0.37)	NA	0.15 J	0.19 J	NA
Fluorene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Methapyrilene		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
Naphthalene		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
N-Nitroso-di-n-propylamine		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
p-Dimethylaminoazobenzene		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
Phenacetin		ND(0.74)	NA	ND(0.70)	ND(0.74)	NA
Phenanthrene		ND(0.37)	NA	0.088 J	ND(0.37)	NA
Phenol		0.63	NA	ND(0.35)	ND(0.37)	NA
Pyrene		ND(0.37)	NA	0.14 J	0.15 J	NA
Thionazin		ND(0.37)	NA	ND(0.35)	ND(0.37)	NA
Furans						
2,3,7,8-TCDF		ND(0.00000014)	NA	ND(0.00000010)	ND(0.00000047)	NA
TCDFs (total)		ND(0.00000014)	NA	0.000029 I	0.000085 I	NA
1,2,3,7,8-PeCDF		ND(0.00000016)	NA	ND(0.00000010)	ND(0.00000040)	NA
2,3,4,7,8-PeCDF		ND(0.00000017)	NA	0.0000011	ND(0.00000043)	NA
PeCDFs (total)		ND(0.00000017)	NA	0.000070 I	0.000057 I	NA
1,2,3,4,7,8-HxCDF		ND(0.000000078)	NA	ND(0.00000012)	ND(0.00000032)	NA
1,2,3,6,7,8-HxCDF		ND(0.000000078)	NA	0.0000037 I	ND(0.00000032)	NA
1,2,3,7,8,9-HxCDF		ND(0.000000066)	NA	ND(0.00000012)	ND(0.00000029)	NA
2,3,4,6,7,8-HxCDF		ND(0.000000068)	NA	0.00000097	ND(0.00000029)	NA
HxCDFs (total)		ND(0.000000078)	NA	0.000035 I	ND(0.00000032)	NA
1,2,3,4,6,7,8-HpCDF		ND(0.000000044)	NA	ND(0.00000097) X	ND(0.00000016)	NA
1,2,3,4,7,8,9-HpCDF		ND(0.000000051)	NA	0.00000046	ND(0.00000020)	NA
HpCDFs (total)		ND(0.000000051)	NA	0.00000034	ND(0.00000020)	NA
OCDF		ND(0.00000013)	NA	0.00000095	ND(0.00000043)	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-C5 1-6 02/27/04	RAA5-C5 4-6 02/27/04	RAA5-C6 0-1 03/09/04	RAA5-D9 6-15 03/01/04	RAA5-D9 9-11 03/01/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000011)	NA	ND(0.000000073)	ND(0.00000025)	NA
TCDDs (total)		ND(0.00000011)	NA	ND(0.000000073)	ND(0.00000025)	NA
1,2,3,7,8-PeCDD		ND(0.00000029)	NA	ND(0.00000031)	ND(0.0000013)	NA
PeCDDs (total)		ND(0.00000029)	NA	ND(0.00000031)	ND(0.0000013)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000011)	NA	ND(0.000000060)	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000011)	NA	ND(0.000000058)	ND(0.00000028)	NA
1,2,3,7,8,9-HxCDD		ND(0.000000099)	NA	ND(0.000000066)	ND(0.00000026)	NA
HxCDDs (total)		ND(0.00000011)	NA	ND(0.000000066)	ND(0.00000029)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.000000082)	NA	ND(0.00000059) X	ND(0.00000020)	NA
HpCDDs (total)		ND(0.000000082)	NA	ND(0.000000058)	ND(0.00000020)	NA
OCDD		ND(0.000000087)	NA	0.0000036	0.0000037	NA
Total TEQs (WHO TEFs)		0.00000028	NA	0.0000013	0.0000010	NA
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic		4.70	NA	2.60	4.50	NA
Barium		17.0 B	NA	29.0	17.0 B	NA
Beryllium		0.190 B	NA	0.160 B	0.160 B	NA
Cadmium		0.370 B	NA	0.200 B	0.220 B	NA
Chromium		6.00	NA	5.20	5.30	NA
Cobalt		7.10	NA	56.0	6.50	NA
Copper		11.0	NA	30.0	11.0	NA
Cyanide		ND(0.560)	NA	ND(0.100)	ND(0.550)	NA
Lead		4.30	NA	3.70	4.30	NA
Mercury		ND(0.110)	NA	ND(0.100)	ND(0.110)	NA
Nickel		12.0	NA	9.20	12.0	NA
Selenium		0.950 B	NA	0.660 B	0.590 B	NA
Silver		0.180 B	NA	ND(1.00)	ND(1.00)	NA
Sulfide		8.90	NA	13.0	10.0	NA
Thallium		ND(1.10)	NA	ND(1.00)	ND(1.10)	NA
Tin		3.30 B	NA	4.00 B	2.80 B	NA
Vanadium		6.10	NA	4.80 B	4.90 B	NA
Zinc		37.0	NA	25.0	33.0	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-D18B 1-3 03/11/04	RAA5-D18B 1-6 03/11/04	RAA5-D20B 6-8 03/11/04	RAA5-D20B 6-15 03/11/04
Volatile Organics					
Chloroform		ND(0.0056)	NA	ND(0.0056) [ND(0.0056)]	NA
Ethylbenzene		ND(0.0056)	NA	ND(0.0056) [ND(0.0056)]	NA
Xylenes (total)		ND(0.0056)	NA	ND(0.0056) [ND(0.0056)]	NA
Semivolatile Organics					
1,3-Dinitrobenzene		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
1,4-Naphthoquinone		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
2,4-Dinitrophenol		NA	ND(2.0)	NA	ND(1.8) [ND(1.8)]
2,4-Dinitrotoluene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
2,6-Dinitrotoluene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
2-Acetylaminofluorene		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
2-Methylnaphthalene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
4-Chlorobenzilate		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
5-Nitro-o-toluidine		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
Acenaphthene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Acenaphthylene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Anthracene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Benzidine		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
Benzo(a)anthracene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Benzo(a)pyrene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Benzo(b)fluoranthene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Benzo(g,h,i)perylene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Benzo(k)fluoranthene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Benzyl Alcohol		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
Chrysene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Dibenzo(a,h)anthracene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Dibenzofuran		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Dimethylphthalate		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Fluoranthene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Fluorene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Indeno(1,2,3-cd)pyrene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Methapyrilene		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
Naphthalene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
N-Nitroso-di-n-propylamine		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
p-Dimethylaminoazobenzene		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
Phenacetin		NA	ND(0.78)	NA	ND(0.73) [ND(0.73)]
Phenanthrene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Phenol		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Pyrene		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Thionazin		NA	ND(0.38)	NA	ND(0.36) [ND(0.36)]
Furans					
2,3,7,8-TCDF		NA	ND(0.000000057)	NA	NA
TCDFs (total)		NA	ND(0.000000057)	NA	NA
1,2,3,7,8-PeCDF		NA	ND(0.000000080)	NA	NA
2,3,4,7,8-PeCDF		NA	ND(0.000000087) X	NA	NA
PeCDFs (total)		NA	ND(0.000000087)	NA	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.000000036) X	NA	NA
1,2,3,6,7,8-HxCDF		NA	0.00000052	NA	NA
1,2,3,7,8,9-HxCDF		NA	0.00000067	NA	NA
2,3,4,6,7,8-HxCDF		NA	0.0000011	NA	NA
HxCDFs (total)		NA	0.0000015	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	0.00000048	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.000000057) X	NA	NA
HpCDFs (total)		NA	0.00000050	NA	NA
OCDF		NA	0.0000011	NA	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-D18B 1-3 03/11/04	RAA5-D18B 1-6 03/11/04	RAA5-D20B 6-8 03/11/04	RAA5-D20B 6-15 03/11/04
Dioxins					
2,3,7,8-TCDD		NA	ND(0.000000062)	NA	NA
TCDDs (total)		NA	ND(0.000000062)	NA	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000013)	NA	NA
PeCDDs (total)		NA	ND(0.00000013)	NA	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.000000052)	NA	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.000000050)	NA	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.000000059)	NA	NA
HxCDDs (total)		NA	ND(0.000000059)	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	0.00000081	NA	NA
HpCDDs (total)		NA	0.00000080	NA	NA
OCDD		NA	0.0000042	NA	NA
Total TEQs (WHO TEFs)		NA	0.00000038	NA	NA
Inorganics					
Antimony		NA	ND(6.00)	NA	ND(6.00) [ND(6.00)]
Arsenic		NA	6.20	NA	6.30 [6.30]
Barium		NA	35.0	NA	22.0 [24.0]
Beryllium		NA	0.360 B	NA	0.220 B [0.230 B]
Cadmium		NA	0.480 B	NA	0.390 B [0.350 B]
Chromium		NA	9.60	NA	8.10 [9.40]
Cobalt		NA	12.0	NA	9.40 [11.0]
Copper		NA	21.0	NA	20.0 [21.0]
Cyanide		NA	ND(0.580)	NA	ND(0.540) [ND(0.540)]
Lead		NA	9.20	NA	7.10 [9.10]
Mercury		NA	ND(0.120)	NA	ND(0.110) [ND(0.110)]
Nickel		NA	20.0	NA	17.0 [20.0]
Selenium		NA	0.920 B	NA	1.20 [1.40]
Silver		NA	0.220 B	NA	0.150 B [0.150 B]
Sulfide		NA	5.60 B	NA	24.0 [24.0]
Thallium		NA	ND(1.20)	NA	ND(1.10) [ND(1.10)]
Tin		NA	2.10 B	NA	2.10 B [2.20 B]
Vanadium		NA	9.10	NA	6.20 [7.40]
Zinc		NA	60.0	NA	43.0 [51.0]

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-E02 0-1 02/26/04	RAA5-E12 0-1 03/02/04	RAA5-E12 6-15 03/02/04
Volatile Organics			
Chloroform	ND(0.0052)	ND(0.0053)	NA
Ethylbenzene	ND(0.0052)	ND(0.0053)	NA
Xylenes (total)	ND(0.0052)	ND(0.0053)	NA
Semivolatile Organics			
1,3-Dinitrobenzene	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
1,4-Naphthoquinone	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	ND(1.9) [ND(1.9)]
2,4-Dinitrotoluene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
2,6-Dinitrotoluene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
2-Acetylaminofluorene	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
2-Methylnaphthalene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
4-Chlorobenzilate	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
5-Nitro-o-toluidine	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
Acenaphthene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Acenaphthylene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Anthracene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Benzidine	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
Benzo(a)anthracene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Benzo(a)pyrene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Benzo(b)fluoranthene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Benzo(g,h,i)perylene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Benzo(k)fluoranthene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Benzyl Alcohol	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
Chrysene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Dibenzofuran	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Dimethylphthalate	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Fluoranthene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Fluorene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Methapyrilene	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
Naphthalene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
Phenacetin	ND(0.70)	ND(0.72)	ND(0.75) [ND(0.75)]
Phenanthrene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Phenol	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Pyrene	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Thionazin	ND(0.35)	ND(0.36)	ND(0.37) [ND(0.37)]
Furans			
2,3,7,8-TCDF	0.000015 Y	0.000014 Y	0.0000044 Y [0.0000052 Y]
TCDFs (total)	0.0013 I	0.010 I	0.0073 I [0.0065 I]
1,2,3,7,8-PeCDF	ND(0.0000026)	0.000021	0.000020 [0.000016]
2,3,4,7,8-PeCDF	0.000035	0.000039	0.000012 [0.000021]
PeCDFs (total)	0.0035 I	0.0079 I	0.0038 I [0.0032 I]
1,2,3,4,7,8-HxCDF	0.000023	0.000015	0.000011 [0.0000072]
1,2,3,6,7,8-HxCDF	0.0000035	0.0000060	ND(0.0000046) X [0.0000033]
1,2,3,7,8,9-HxCDF	0.0000015	ND(0.0000022)	ND(0.0000020) X [ND(0.0000014)]
2,3,4,6,7,8-HxCDF	0.000010	0.000011	0.0000055 [0.0000029]
HxCDFs (total)	0.0011 I	0.0040 I	0.0018 I [0.0017 I]
1,2,3,4,6,7,8-HpCDF	0.000018	0.000020	0.000010 [0.0000076]
1,2,3,4,7,8,9-HpCDF	ND(0.00000058)	0.0000070	0.0000036 [0.0000027]
HpCDFs (total)	0.000052 I	0.000058 I	0.000024 [0.000038 I]
OCDF	0.0000076	0.000013	0.0000075 [ND(0.00000048) X]

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-E02 / 0-1 / 02/26/04	RAA5-E12 / 0-1 / 03/02/04	RAA5-E12 / 6-15 / 03/02/04
Dioxins				
2,3,7,8-TCDD		ND(0.00000038)	ND(0.00000034)	ND(0.00000039) [ND(0.00000037)]
TCDDs (total)		ND(0.00000038)	ND(0.00000034)	ND(0.00000039) [0.0000038]
1,2,3,7,8-PeCDD		ND(0.0000059)	ND(0.0000054)	ND(0.0000073) [ND(0.0000030)]
PeCDDs (total)		ND(0.0000059)	ND(0.0000054)	ND(0.0000073) [ND(0.0000030)]
1,2,3,4,7,8-HxCDD		ND(0.0000014)	ND(0.0000010)	ND(0.00000095) [ND(0.00000071)]
1,2,3,6,7,8-HxCDD		ND(0.0000014)	ND(0.00000098)	ND(0.00000091) [0.0000036]
1,2,3,7,8,9-HxCDD		ND(0.0000013)	ND(0.00000089)	ND(0.00000083) [ND(0.00000062)]
HxCDDs (total)		ND(0.0000014)	0.000016	ND(0.00000095) [0.000012]
1,2,3,4,6,7,8-HpCDD		ND(0.00000039)	0.0000086	ND(0.0000082) X [ND(0.00000031) X]
HpCDDs (total)		ND(0.00000039)	0.000019	0.0000076 [0.0000067]
OCDD		ND(0.00000022) X	0.000017	0.000011 [0.0000065]
Total TEQs (WHO TEFs)		0.000026	0.000029	0.000014 [0.000015]
Inorganics				
Antimony		ND(6.00)	ND(6.00)	1.40 B [1.50 B]
Arsenic		4.20	4.50	6.10 [6.80]
Barium		17.0 B	14.0 B	46.0 [34.0]
Beryllium		0.100 B	0.160 B	0.220 B [0.260 B]
Cadmium		0.260 B	0.200 B	0.290 B [0.530]
Chromium		5.30	6.00	10.0 [8.80]
Cobalt		13.0	31.0	11.0 [11.0]
Copper		23.0	30.0	21.0 [22.0]
Cyanide		ND(0.520)	0.0340 B	ND(0.560) [ND(0.560)]
Lead		6.20	11.0	8.30 [9.10]
Mercury		0.0240 B	0.840	0.0280 B [0.0260 B]
Nickel		9.90	12.0	15.0 [18.0]
Selenium		0.870 B	ND(1.00)	ND(1.00) [ND(1.00)]
Silver		0.320 B	0.170 B	ND(1.00) [ND(1.00)]
Sulfide		12.0	8.60	12.0 [12.0]
Thallium		ND(1.00)	ND(1.10)	ND(1.10) [ND(1.10)]
Tin		3.20 B	4.80 B	3.30 B [3.20 B]
Vanadium		4.40 B	3.80 B	4.90 B [6.20]
Zinc		43.0	35.0	50.0 [59.0]

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-E12 11-13 03/02/04	RAA5-F02 1-3 02/26/04	RAA5-F02 1-6 02/26/04	RAA5-F02 6-8 02/26/04	RAA5-F02 6-15 02/26/04
Volatile Organics						
Chloroform		ND(0.0056) [ND(0.0057)]	ND(0.0054)	NA	ND(0.0052)	NA
Ethylbenzene		ND(0.0056) [ND(0.0057)]	ND(0.0054)	NA	ND(0.0052)	NA
Xylenes (total)		ND(0.0056) [ND(0.0057)]	ND(0.0054)	NA	ND(0.0052)	NA
Semivolatile Organics						
1,3-Dinitrobenzene		NA	NA	0.28 J	NA	ND(0.70)
1,4-Naphthoquinone		NA	NA	0.74	NA	ND(0.70)
2,4-Dinitrophenol		NA	NA	0.80 J	NA	ND(1.8)
2,4-Dinitrotoluene		NA	NA	0.74	NA	ND(0.35)
2,6-Dinitrotoluene		NA	NA	0.87	NA	ND(0.35)
2-Acetylaminofluorene		NA	NA	0.28 J	NA	ND(0.70)
2-Methylnaphthalene		NA	NA	ND(0.36)	NA	ND(0.35)
4-Chlorobenzilate		NA	NA	0.43 J	NA	ND(0.70)
5-Nitro-o-toluidine		NA	NA	0.26 J	NA	ND(0.70)
Acenaphthene		NA	NA	ND(0.36)	NA	ND(0.35)
Acenaphthylene		NA	NA	ND(0.36)	NA	ND(0.35)
Anthracene		NA	NA	ND(0.36)	NA	ND(0.35)
Benzidine		NA	NA	0.31 J	NA	ND(0.70)
Benzo(a)anthracene		NA	NA	ND(0.36)	NA	ND(0.35)
Benzo(a)pyrene		NA	NA	ND(0.36)	NA	ND(0.35)
Benzo(b)fluoranthene		NA	NA	ND(0.36)	NA	ND(0.35)
Benzo(g,h,i)perylene		NA	NA	ND(0.36)	NA	ND(0.35)
Benzo(k)fluoranthene		NA	NA	ND(0.36)	NA	ND(0.35)
Benzyl Alcohol		NA	NA	0.36 J	NA	ND(0.70)
Chrysene		NA	NA	ND(0.36)	NA	ND(0.35)
Dibenzo(a,h)anthracene		NA	NA	ND(0.36)	NA	ND(0.35)
Dibenzofuran		NA	NA	ND(0.36)	NA	ND(0.35)
Dimethylphthalate		NA	NA	0.19 J	NA	ND(0.35)
Fluoranthene		NA	NA	ND(0.36)	NA	ND(0.35)
Fluorene		NA	NA	ND(0.36)	NA	ND(0.35)
Indeno(1,2,3-cd)pyrene		NA	NA	ND(0.36)	NA	ND(0.35)
Methapyrilene		NA	NA	0.32 J	NA	ND(0.70)
Naphthalene		NA	NA	ND(0.36)	NA	ND(0.35)
N-Nitroso-di-n-propylamine		NA	NA	0.41	NA	ND(0.35)
p-Dimethylaminoazobenzene		NA	NA	0.44 J	NA	ND(0.70)
Phenacetin		NA	NA	0.36 J	NA	ND(0.70)
Phenanthrene		NA	NA	ND(0.36)	NA	ND(0.35)
Phenol		NA	NA	ND(0.36)	NA	ND(0.35)
Pyrene		NA	NA	ND(0.36)	NA	ND(0.35)
Thionazin		NA	NA	0.34 J	NA	ND(0.35)
Furans						
2,3,7,8-TCDF		NA	NA	ND(0.00000033)	NA	NA
TCDFs (total)		NA	NA	0.00017 I	NA	NA
1,2,3,7,8-PeCDF		NA	NA	0.0000012	NA	NA
2,3,4,7,8-PeCDF		NA	NA	0.0000015	NA	NA
PeCDFs (total)		NA	NA	0.00044 I	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	0.0000011	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.00000034)	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	0.00000045	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.00000030)	NA	NA
HxCDFs (total)		NA	NA	0.00020 I	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.00000014) X	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.00000015)	NA	NA
HpCDFs (total)		NA	NA	0.0000058 I	NA	NA
OCDF		NA	NA	ND(0.000000089)	NA	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-E12 11-13 03/02/04	RAA5-F02 1-3 02/26/04	RAA5-F02 1-6 02/26/04	RAA5-F02 6-8 02/26/04	RAA5-F02 6-15 02/26/04
Dioxins						
2,3,7,8-TCDD		NA	NA	ND(0.000000093)	NA	NA
TCDDs (total)		NA	NA	ND(0.000000093)	NA	NA
1,2,3,7,8-PeCDD		NA	NA	ND(0.0000011)	NA	NA
PeCDDs (total)		NA	NA	ND(0.0000011)	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.00000011)	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.00000011)	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.00000010)	NA	NA
HxCDDs (total)		NA	NA	ND(0.00000011)	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.000000063)	NA	NA
HpCDDs (total)		NA	NA	ND(0.000000063)	NA	NA
OCDD		NA	NA	0.0000016	NA	NA
Total TEQs (WHO TEFs)		NA	NA	0.0000016	NA	NA
Inorganics						
Antimony		NA	NA	ND(6.00)	NA	ND(6.00)
Arsenic		NA	NA	3.80	NA	6.70
Barium		NA	NA	6.60 B	NA	9.20 B
Beryllium		NA	NA	0.0620 B	NA	0.0930 B
Cadmium		NA	NA	0.130 B	NA	0.240 B
Chromium		NA	NA	2.30	NA	5.70
Cobalt		NA	NA	3.20 B	NA	11.0
Copper		NA	NA	12.0	NA	19.0
Cyanide		NA	NA	ND(0.530)	NA	0.100 B
Lead		NA	NA	3.70	NA	6.00
Mercury		NA	NA	ND(0.110)	NA	ND(0.100)
Nickel		NA	NA	4.90	NA	13.0
Selenium		NA	NA	ND(1.00)	NA	0.870 B
Silver		NA	NA	ND(1.00)	NA	ND(1.00)
Sulfide		NA	NA	14.0	NA	12.0
Thallium		NA	NA	ND(1.10)	NA	ND(1.00)
Tin		NA	NA	2.70 B	NA	2.70 B
Vanadium		NA	NA	2.30 B	NA	4.60 B
Zinc		NA	NA	11.0	NA	34.0

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-F16 0-1 03/01/04	RAA5-F16 1-6 03/01/04	RAA5-F16 4-6 03/01/04	RAA5-F34 0-1 03/03/04	RAA5-G18 0-1 02/27/04
Volatile Organics					
Chloroform	ND(0.0058)	NA	ND(0.0055)	ND(0.0058)	ND(0.0053)
Ethylbenzene	ND(0.0058)	NA	ND(0.0055)	ND(0.0058)	ND(0.0053)
Xylenes (total)	ND(0.0058)	NA	ND(0.0055)	ND(0.0058)	ND(0.0053)
Semivolatile Organics					
1,3-Dinitrobenzene	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
1,4-Naphthoquinone	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
2,4-Dinitrophenol	ND(2.0)	ND(1.9)	NA	ND(2.0)	ND(1.8)
2,4-Dinitrotoluene	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
2,6-Dinitrotoluene	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
2-Acetylaminofluorene	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
2-Methylnaphthalene	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
4-Chlorobenzilate	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
5-Nitro-o-toluidine	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
Acenaphthene	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
Acenaphthylene	ND(0.38)	ND(0.37)	NA	0.46	ND(0.36)
Anthracene	ND(0.38)	ND(0.37)	NA	0.34 J	ND(0.36)
Benzidine	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
Benzo(a)anthracene	ND(0.38)	ND(0.37)	NA	1.2	ND(0.36)
Benzo(a)pyrene	ND(0.38)	ND(0.37)	NA	0.54	ND(0.36)
Benzo(b)fluoranthene	ND(0.38)	ND(0.37)	NA	0.46	ND(0.36)
Benzo(g,h,i)perylene	ND(0.38)	ND(0.37)	NA	0.35 J	ND(0.36)
Benzo(k)fluoranthene	ND(0.38)	ND(0.37)	NA	0.50	ND(0.36)
Benzyl Alcohol	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
Chrysene	ND(0.38)	ND(0.37)	NA	1.2	ND(0.36)
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.37)	NA	0.084 J	ND(0.36)
Dibenzofuran	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
Dimethylphthalate	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
Fluoranthene	ND(0.38)	ND(0.37)	NA	1.8	ND(0.36)
Fluorene	ND(0.38)	ND(0.37)	NA	0.097 J	ND(0.36)
Indeno(1,2,3-cd)pyrene	ND(0.38)	ND(0.37)	NA	0.26 J	ND(0.36)
Methapyrilene	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
Naphthalene	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
Phenacetin	ND(0.77)	ND(0.74)	NA	ND(0.77)	ND(0.72)
Phenanthrene	ND(0.38)	ND(0.37)	NA	1.3	ND(0.36)
Phenol	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
Pyrene	ND(0.38)	ND(0.37)	NA	2.7	ND(0.36)
Thionazin	ND(0.38)	ND(0.37)	NA	ND(0.38)	ND(0.36)
Furans					
2,3,7,8-TCDF	ND(0.00000027)	ND(0.00000015)	NA	0.0000085 Y	ND(0.00000045)
TCDFs (total)	0.000019 I	ND(0.00000015)	NA	0.0018 I	0.000083 I
1,2,3,7,8-PeCDF	ND(0.00000026)	0.00000050	NA	0.000015	ND(0.00000047)
2,3,4,7,8-PeCDF	ND(0.00000028)	ND(0.00000015)	NA	0.000013	ND(0.00000050)
PeCDFs (total)	0.000054 I	0.0000046 I	NA	0.0032 I	0.00016 I
1,2,3,4,7,8-HxCDF	0.00000070	ND(0.000000089)	NA	0.000013	ND(0.00000039)
1,2,3,6,7,8-HxCDF	ND(0.00000021)	ND(0.000000089)	NA	0.0000057	ND(0.00000037)
1,2,3,7,8,9-HxCDF	ND(0.00000018)	ND(0.000000073)	NA	ND(0.0000014)	ND(0.00000033)
2,3,4,6,7,8-HxCDF	ND(0.00000018)	ND(0.000000081)	NA	0.0000069	ND(0.00000034)
HxCDFs (total)	0.000074 I	0.0000021 I	NA	0.0019 I	0.000099 I
1,2,3,4,6,7,8-HpCDF	0.00000056	0.00000079	NA	0.000039	ND(0.0000035) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000015)	ND(0.000000068)	NA	0.0000086	ND(0.00000022)
HpCDFs (total)	0.00000051	0.00000091	NA	0.00013 I	ND(0.00000022)
OCDF	ND(0.00000027)	0.0000016	NA	0.000085	0.0000052

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-F16 0-1 03/01/04	RAA5-F16 1-6 03/01/04	RAA5-F16 4-6 03/01/04	RAA5-F34 0-1 03/03/04	RAA5-G18 0-1 02/27/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000015)	ND(0.00000012)	NA	ND(0.00000029)	ND(0.00000023)
TCDDs (total)		ND(0.00000015)	ND(0.00000012)	NA	ND(0.00000029)	ND(0.00000023)
1,2,3,7,8-PeCDD		ND(0.00000050)	ND(0.00000028)	NA	ND(0.0000053)	ND(0.0000018)
PeCDDs (total)		ND(0.00000050)	ND(0.00000028)	NA	ND(0.0000053)	ND(0.0000018)
1,2,3,4,7,8-HxCDD		ND(0.00000017)	ND(0.00000011)	NA	ND(0.0000012)	ND(0.00000040)
1,2,3,6,7,8-HxCDD		ND(0.00000017)	ND(0.00000010)	NA	ND(0.0000011)	ND(0.00000038)
1,2,3,7,8,9-HxCDD		ND(0.00000016)	ND(0.000000093)	NA	ND(0.0000010)	ND(0.00000035)
HxCDDs (total)		ND(0.00000017)	ND(0.00000011)	NA	ND(0.0000012)	ND(0.00000040)
1,2,3,4,6,7,8-HpCDD		ND(0.00000019)	ND(0.00000011)	NA	0.000042	ND(0.00000022)
HpCDDs (total)		ND(0.00000019)	ND(0.00000011)	NA	0.000078	ND(0.00000022)
OCDD		ND(0.00000024)	0.0000038	NA	0.00039	0.0000072
Total TEQs (WHO TEFs)		0.00000055	0.00000031	NA	0.000015	0.0000013
Inorganics						
Antimony		ND(6.00)	0.900 B	NA	ND(6.00)	ND(6.00)
Arsenic		6.30	7.20	NA	4.80	8.00
Barium		34.0	40.0	NA	84.0	23.0
Beryllium		0.280 B	0.370 B	NA	0.230 B	0.140 B
Cadmium		0.340 B	0.390 B	NA	0.440 B	0.320 B
Chromium		8.90	9.90	NA	8.40	6.10
Cobalt		11.0	12.0	NA	7.70	19.0
Copper		18.0	21.0	NA	28.0	26.0
Cyanide		ND(0.580)	ND(0.560)	NA	0.130	0.0720 B
Lead		6.80	8.90	NA	130	9.90
Mercury		ND(0.120)	ND(0.110)	NA	0.0430 B	ND(0.110)
Nickel		17.0	21.0	NA	14.0	13.0
Selenium		0.560 B	0.800 B	NA	1.10	0.740 B
Silver		ND(1.00)	0.110 B	NA	ND(1.00)	0.170 B
Sulfide		11.0	8.90	NA	13.0	6.80
Thallium		ND(1.20)	ND(1.10)	NA	ND(1.20)	ND(1.10)
Tin		3.10 B	2.70 B	NA	5.40 B	3.60 B
Vanadium		8.10	8.80	NA	8.60	5.20
Zinc		48.0	65.0	NA	150	30.0

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-G18 1-6 02/27/04	RAA5-G18 4-6 02/27/04	RAA5-G35 0-1 03/03/04	RAA5-G35 6-8 03/03/04	RAA5-G35 6-15 03/03/04	RAA5-H10 0-1 02/27/04
Volatile Organics						
Chloroform	NA	ND(0.0055)	ND(0.0057)	ND(0.0056)	NA	ND(0.0063)
Ethylbenzene	NA	ND(0.0055)	ND(0.0057)	ND(0.0056)	NA	ND(0.0063)
Xylenes (total)	NA	ND(0.0055)	ND(0.0057)	ND(0.0056)	NA	ND(0.0063)
Semivolatile Organics						
1,3-Dinitrobenzene	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
1,4-Naphthoquinone	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
2,4-Dinitrophenol	ND(1.9)	NA	ND(1.9)	NA	ND(2.0)	ND(2.2)
2,4-Dinitrotoluene	ND(0.37)	NA	ND(0.38)	NA	ND(0.39)	ND(0.42)
2,6-Dinitrotoluene	ND(0.37)	NA	ND(0.38)	NA	ND(0.39)	ND(0.42)
2-Acetylaminofluorene	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
2-Methylnaphthalene	ND(0.37)	NA	0.65	NA	ND(0.39)	ND(0.42)
4-Chlorobenzilate	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
5-Nitro-o-toluidine	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
Acenaphthene	ND(0.37)	NA	0.65	NA	ND(0.39)	ND(0.42)
Acenaphthylene	ND(0.37)	NA	1.7	NA	ND(0.39)	ND(0.42)
Anthracene	ND(0.37)	NA	2.1	NA	ND(0.39)	ND(0.42)
Benzidine	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
Benzo(a)anthracene	ND(0.37)	NA	3.9	NA	ND(0.39)	ND(0.42)
Benzo(a)pyrene	ND(0.37)	NA	2.1	NA	ND(0.39)	ND(0.42)
Benzo(b)fluoranthene	ND(0.37)	NA	1.6	NA	ND(0.39)	ND(0.42)
Benzo(g,h,i)perylene	ND(0.37)	NA	1.1	NA	ND(0.39)	ND(0.42)
Benzo(k)fluoranthene	ND(0.37)	NA	1.7	NA	ND(0.39)	ND(0.42)
Benzyl Alcohol	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
Chrysene	ND(0.37)	NA	3.8	NA	ND(0.39)	ND(0.42)
Dibenzo(a,h)anthracene	ND(0.37)	NA	0.31 J	NA	ND(0.39)	ND(0.42)
Dibenzofuran	ND(0.37)	NA	0.68	NA	ND(0.39)	ND(0.42)
Dimethylphthalate	ND(0.37)	NA	ND(0.38)	NA	ND(0.39)	ND(0.42)
Fluoranthene	ND(0.37)	NA	7.9	NA	ND(0.39)	ND(0.42)
Fluorene	ND(0.37)	NA	1.8	NA	ND(0.39)	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	1.0	NA	ND(0.39)	ND(0.42)
Methapyrilene	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
Naphthalene	ND(0.37)	NA	0.58	NA	ND(0.39)	ND(0.42)
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.38)	NA	ND(0.39)	ND(0.42)
p-Dimethylaminoazobenzene	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
Phenacetin	ND(0.74)	NA	ND(0.76)	NA	ND(0.78)	ND(0.85)
Phenanthrene	ND(0.37)	NA	7.8	NA	ND(0.39)	ND(0.42)
Phenol	ND(0.37)	NA	ND(0.38)	NA	ND(0.39)	ND(0.42)
Pyrene	ND(0.37)	NA	7.7	NA	ND(0.39)	ND(0.42)
Thionazin	ND(0.37)	NA	ND(0.38)	NA	ND(0.39)	ND(0.42)
Furans						
2,3,7,8-TCDF	ND(0.00000023)	NA	ND(0.0000016)	NA	NA	ND(0.0000058) X
TCDFs (total)	0.0000082 I	NA	0.0013 I	NA	NA	0.0036 I
1,2,3,7,8-PeCDF	0.0000019	NA	0.000011	NA	NA	0.000022
2,3,4,7,8-PeCDF	ND(0.00000027)	NA	0.0000078	NA	NA	ND(0.000019) X
PeCDFs (total)	0.000031 I	NA	0.0030 I	NA	NA	0.010 I
1,2,3,4,7,8-HxCDF	0.0000011	NA	0.0000060	NA	NA	0.0000050
1,2,3,6,7,8-HxCDF	ND(0.00000018)	NA	ND(0.0000015)	NA	NA	0.0000048
1,2,3,7,8,9-HxCDF	ND(0.00000016)	NA	0.0000025	NA	NA	ND(0.0000018)
2,3,4,6,7,8-HxCDF	ND(0.00000017)	NA	0.0000056	NA	NA	0.0000082
HxCDFs (total)	0.000023 I	NA	0.0014 I	NA	NA	0.0054 I
1,2,3,4,6,7,8-HpCDF	0.0000020	NA	0.000023	NA	NA	0.000044
1,2,3,4,7,8,9-HpCDF	ND(0.00000013)	NA	ND(0.0000049) X	NA	NA	ND(0.00000089)
HpCDFs (total)	0.0000022	NA	0.000072 I	NA	NA	0.00023 I
OCDF	0.0000041	NA	0.000031	NA	NA	0.000030

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-G18 1-6 02/27/04	RAA5-G18 4-6 02/27/04	RAA5-G35 0-1 03/03/04	RAA5-G35 6-8 03/03/04	RAA5-G35 6-15 03/03/04	RAA5-H10 0-1 02/27/04
Dioxins							
2,3,7,8-TCDD		ND(0.00000016)	NA	ND(0.00000029)	NA	NA	ND(0.00000053)
TCDDs (total)		ND(0.00000016)	NA	ND(0.00000029)	NA	NA	ND(0.00000053)
1,2,3,7,8-PeCDD		ND(0.00000063)	NA	ND(0.0000037)	NA	NA	ND(0.000010)
PeCDDs (total)		ND(0.00000063)	NA	ND(0.0000037)	NA	NA	ND(0.000010)
1,2,3,4,7,8-HxCDD		ND(0.00000024)	NA	ND(0.00000093)	NA	NA	ND(0.0000034)
1,2,3,6,7,8-HxCDD		ND(0.00000023)	NA	ND(0.0000033) X	NA	NA	ND(0.0000034)
1,2,3,7,8,9-HxCDD		ND(0.00000021)	NA	ND(0.00000080)	NA	NA	ND(0.0000031)
HxCDDs (total)		ND(0.00000024)	NA	ND(0.00000093)	NA	NA	ND(0.0000034)
1,2,3,4,6,7,8-HpCDD		ND(0.00000018)	NA	0.000016	NA	NA	0.0000095
HpCDDs (total)		ND(0.00000018)	NA	0.000033	NA	NA	0.0000099
OCDD		0.0000057	NA	0.00013	NA	NA	0.000096
Total TEQs (WHO TEFs)		0.00000076	NA	0.0000087	NA	NA	0.000014
Inorganics							
Antimony		ND(6.00)	NA	ND(6.00)	NA	ND(6.00)	ND(6.00)
Arsenic		8.10	NA	4.70	NA	2.80	8.00
Barium		39.0	NA	24.0	NA	12.0 B	43.0
Beryllium		0.350 B	NA	0.190 B	NA	0.230 B	0.210 B
Cadmium		0.630	NA	0.320 B	NA	0.300 B	0.470 B
Chromium		11.0	NA	6.40	NA	6.10	9.80
Cobalt		12.0	NA	6.60	NA	6.80	14.0
Copper		25.0	NA	19.0	NA	13.0	34.0
Cyanide		ND(0.550)	NA	0.0890 B	NA	ND(0.230)	0.110 B
Lead		9.20	NA	19.0	NA	5.70	15.0
Mercury		ND(0.110)	NA	0.0330 B	NA	ND(0.120)	0.0500 B
Nickel		22.0	NA	11.0	NA	12.0	22.0
Selenium		0.940 B	NA	0.970 B	NA	0.810 B	1.10
Silver		0.170 B	NA	ND(1.00)	NA	ND(1.00)	0.140 B
Sulfide		ND(5.50)	NA	13.0	NA	9.30	23.0
Thallium		ND(1.10)	NA	ND(1.10)	NA	ND(1.20)	ND(1.30)
Tin		2.90 B	NA	3.20 B	NA	2.40 B	4.10 B
Vanadium		9.20	NA	7.70	NA	6.00	7.90
Zinc		67.0	NA	45.0	NA	38.0	56.0

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter / Sample ID:	RAA5-H10	RAA5-H10	RAA5-H20	RAA5-H20	RAA5-H20
Sample Depth(Feet):	1-6	4-6	0-1	6-15	12-14
Date Collected:	02/27/04	02/27/04	02/27/04	02/27/04	02/27/04
Volatile Organics					
Chloroform	NA	ND(0.0059)	ND(0.0055)	NA	ND(0.0056)
Ethylbenzene	NA	ND(0.0059)	ND(0.0055)	NA	ND(0.0056)
Xylenes (total)	NA	ND(0.0059)	ND(0.0055)	NA	ND(0.0056)
Semivolatile Organics					
1,3-Dinitrobenzene	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
1,4-Naphthoquinone	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
2,4-Dinitrophenol	ND(2.0)	NA	ND(1.9)	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
2,6-Dinitrotoluene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
2-Acetylaminofluorene	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
2-Methylnaphthalene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
4-Chlorobenzilate	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
5-Nitro-o-toluidine	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
Acenaphthene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Acenaphthylene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Anthracene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Benzidine	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
Benzo(a)anthracene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Benzo(a)pyrene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Benzo(b)fluoranthene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Benzo(g,h,i)perylene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Benzo(k)fluoranthene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Benzyl Alcohol	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
Chrysene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Dibenzofuran	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Dimethylphthalate	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Fluoranthene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Fluorene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Methapyrilene	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
Naphthalene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
N-Nitroso-di-n-propylamine	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
p-Dimethylaminoazobenzene	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
Phenacetin	ND(0.77)	NA	ND(0.74)	ND(0.72)	NA
Phenanthrene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Phenol	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Pyrene	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Thionazin	ND(0.38)	NA	ND(0.37)	ND(0.36)	NA
Furans					
2,3,7,8-TCDF	ND(0.00000089)	NA	0.0000058 Y	ND(0.00000043)	NA
TCDFs (total)	0.00055 I	NA	0.0057 I	0.00011 I	NA
1,2,3,7,8-PeCDF	ND(0.0000010)	NA	0.000027	0.0000033	NA
2,3,4,7,8-PeCDF	ND(0.0000011)	NA	ND(0.0000046)	ND(0.00000048)	NA
PeCDFs (total)	0.0012 I	NA	0.012 I	0.00023 I	NA
1,2,3,4,7,8-HxCDF	0.0000021	NA	0.0000078	0.0000030	NA
1,2,3,6,7,8-HxCDF	ND(0.00000095)	NA	ND(0.0000034)	0.0000019	NA
1,2,3,7,8,9-HxCDF	ND(0.00000078)	NA	ND(0.0000031)	ND(0.0000014) X	NA
2,3,4,6,7,8-HxCDF	ND(0.00000087)	NA	0.000010	0.0000025	NA
HxCDFs (total)	0.00058 I	NA	0.0064 I	0.00018 I	NA
1,2,3,4,6,7,8-HpCDF	0.0000036	NA	0.000031	ND(0.0000040) X	NA
1,2,3,4,7,8,9-HpCDF	0.0000013	NA	0.0000074	0.0000028	NA
HpCDFs (total)	0.000011	NA	0.00019 I	0.0000069	NA
OCDF	0.0000053	NA	0.000026	0.0000074	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-H10 1-6 02/27/04	RAA5-H10 4-6 02/27/04	RAA5-H20 0-1 02/27/04	RAA5-H20 6-15 02/27/04	RAA5-H20 12-14 02/27/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000025)	NA	ND(0.00000040)	ND(0.00000023)	NA
TCDDs (total)		ND(0.00000025)	NA	ND(0.00000040)	ND(0.00000023)	NA
1,2,3,7,8-PeCDD		ND(0.0000037)	NA	ND(0.0000083)	ND(0.0000011)	NA
PeCDDs (total)		ND(0.0000037)	NA	ND(0.0000083)	ND(0.0000011)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000082)	NA	ND(0.0000017)	ND(0.00000037)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000085)	NA	ND(0.0000018)	ND(0.00000036)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000078)	NA	ND(0.0000016)	ND(0.00000033)	NA
HxCDDs (total)		ND(0.00000085)	NA	ND(0.0000018)	ND(0.00000037)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000032)	NA	0.000021	ND(0.00000027)	NA
HpCDDs (total)		ND(0.00000032)	NA	0.000022	ND(0.00000027)	NA
OCDD		0.000013	NA	0.000082	0.000012	NA
Total TEQs (WHO TEFs)		0.0000028	NA	0.000010	0.0000019	NA
Inorganics						
Antimony		ND(6.00)	NA	ND(6.00)	ND(6.00)	NA
Arsenic		7.20	NA	5.20	6.30	NA
Barium		18.0 B	NA	17.0 B	20.0	NA
Beryllium		0.160 B	NA	0.180 B	0.190 B	NA
Cadmium		0.350 B	NA	0.330 B	0.340 B	NA
Chromium		7.40	NA	6.50	7.60	NA
Cobalt		10.0	NA	8.50	9.00	NA
Copper		27.0	NA	20.0	19.0	NA
Cyanide		0.0500 B	NA	ND(0.220)	ND(0.540)	NA
Lead		11.0	NA	12.0	7.40	NA
Mercury		0.00710 B	NA	ND(0.110)	ND(0.110)	NA
Nickel		19.0	NA	13.0	15.0	NA
Selenium		0.890 B	NA	0.740 B	0.890 B	NA
Silver		0.170 B	NA	0.140 B	0.130 B	NA
Sulfide		ND(5.70)	NA	8.80	ND(5.40)	NA
Thallium		ND(1.10)	NA	ND(1.10)	ND(1.10)	NA
Tin		3.80 B	NA	3.50 B	3.10 B	NA
Vanadium		6.20	NA	5.40	6.20	NA
Zinc		42.0	NA	36.0	42.0	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-H22 0-1 02/24/04	RAA5-H22 1-3 02/24/04	RAA5-H22 1-6 02/24/04	RAA5-H24 0-1 02/24/04	RAA5-H28 6-15 03/02/04	RAA5-H28 10-12 03/02/04
Volatile Organics						
Chloroform	ND(0.0058)	ND(0.0057)	NA	0.037	NA	ND(0.0056)
Ethylbenzene	ND(0.0058)	ND(0.0057)	NA	0.17	NA	ND(0.0056)
Xylenes (total)	ND(0.0058)	ND(0.0057)	NA	1.3	NA	ND(0.0056)
Semivolatile Organics						
1,3-Dinitrobenzene	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
1,4-Naphthoquinone	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
2,4-Dinitrophenol	ND(2.0)	NA	ND(1.9)	ND(2.0)	ND(1.9)	NA
2,4-Dinitrotoluene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
2,6-Dinitrotoluene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
2-Acetylaminofluorene	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
2-Methylnaphthalene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
4-Chlorobenzilate	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
5-Nitro-o-toluidine	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
Acenaphthene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Acenaphthylene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Anthracene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Benzidine	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
Benzo(a)anthracene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Benzo(a)pyrene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Benzo(b)fluoranthene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Benzo(g,h,i)perylene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Benzo(k)fluoranthene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Benzyl Alcohol	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
Chrysene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Dibenzo(a,h)anthracene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Dibenzofuran	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Dimethylphthalate	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Fluoranthene	ND(0.39)	NA	ND(0.37)	0.12 J	ND(0.37)	NA
Fluorene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Methapyrilene	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
Naphthalene	ND(0.39)	NA	ND(0.37)	0.23 J	ND(0.37)	NA
N-Nitroso-di-n-propylamine	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
p-Dimethylaminoazobenzene	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
Phenacetin	ND(0.78)	NA	ND(0.75)	ND(0.79)	ND(0.75)	NA
Phenanthrene	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Phenol	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Pyrene	ND(0.39)	NA	ND(0.37)	0.10 J	ND(0.37)	NA
Thionazin	ND(0.39)	NA	ND(0.37)	ND(0.40)	ND(0.37)	NA
Furans						
2,3,7,8-TCDF	0.0000065 Y	NA	NA	NA	NA	NA
TCDFs (total)	0.00052 I	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.0000020)	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.0000086	NA	NA	NA	NA	NA
PeCDFs (total)	0.00078 I	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.000018	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000091)	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000078)	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000085)	NA	NA	NA	NA	NA
HxCDFs (total)	0.00020 I	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000090	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.0000051) X	NA	NA	NA	NA	NA
HpCDFs (total)	0.000020	NA	NA	NA	NA	NA
OCDF	0.000016	NA	NA	NA	NA	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-H22 0-1 02/24/04	RAA5-H22 1-3 02/24/04	RAA5-H22 1-6 02/24/04	RAA5-H24 0-1 02/24/04	RAA5-H28 6-15 03/02/04	RAA5-H28 10-12 03/02/04
Dioxins							
2,3,7,8-TCDD		ND(0.00000052)	NA	NA	NA	NA	NA
TCDDs (total)		ND(0.00000052)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		ND(0.0000065)	NA	NA	NA	NA	NA
PeCDDs (total)		ND(0.0000065)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		ND(0.0000021)	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		ND(0.0000021)	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		ND(0.0000019)	NA	NA	NA	NA	NA
HxCDDs (total)		ND(0.0000021)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000089)	NA	NA	NA	NA	NA
HpCDDs (total)		ND(0.00000089)	NA	NA	NA	NA	NA
OCDD		0.000012	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		0.000011	NA	NA	NA	NA	NA
Inorganics							
Antimony		4.00 B	NA	2.80 B	180	2.30 B	NA
Arsenic		7.40	NA	4.80	180	5.50	NA
Barium		25.0	NA	20.0	210	26.0	NA
Beryllium		0.150 B	NA	0.180 B	180	0.200 B	NA
Cadmium		0.660	NA	1.20	180	0.400 B	NA
Chromium		6.20	NA	10.0	190	5.80	NA
Cobalt		14.0	NA	9.00	190	8.60	NA
Copper		49.0	NA	28.0	210	16.0	NA
Cyanide		0.0280 B	NA	ND(0.560)	0.940	ND(0.560)	NA
Lead		120	NA	160	190	6.00	NA
Mercury		ND(0.120)	NA	ND(0.110)	0.640	ND(0.110)	NA
Nickel		12.0	NA	11.0	200	13.0	NA
Selenium		ND(1.00)	NA	ND(1.00)	160	ND(1.00)	NA
Silver		0.130 B	NA	ND(1.00)	190	0.170 B	NA
Sulfide		9.40	NA	36.0	17.0	7.20	NA
Thallium		ND(1.20)	NA	ND(1.10)	180	ND(1.10)	NA
Tin		5.20 B	NA	4.30 B	190	3.20 B	NA
Vanadium		3.40 B	NA	4.70 B	190	4.00 B	NA
Zinc		64.0	NA	180	210	42.0	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter / Sample ID:	RAA5-H30	RAA5-H30	RAA5-H31	RAA5-H33	RAA5-H33	RAA5-H34
Sample Depth(Feet):	6-15	8-10	0-1	1-3	1-4	0-1
Date Collected:	03/08/04	03/08/04	03/02/04	02/25/04	02/25/04	03/03/04
Volatile Organics						
Chloroform	NA	ND(0.0056)	ND(0.0055)	ND(0.0057)	NA	ND(0.0058)
Ethylbenzene	NA	ND(0.0056)	ND(0.0055)	ND(0.0057)	NA	ND(0.0058)
Xylenes (total)	NA	ND(0.0056)	ND(0.0055)	ND(0.0057)	NA	ND(0.0058)
Semivolatile Organics						
1,3-Dinitrobenzene	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
1,4-Naphthoquinone	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
2,4-Dinitrophenol	ND(1.9)	NA	ND(1.9)	NA	ND(1.9)	ND(2.0)
2,4-Dinitrotoluene	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
2,6-Dinitrotoluene	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
2-Acetylaminofluorene	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
2-Methylnaphthalene	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
4-Chlorobenzilate	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
5-Nitro-o-toluidine	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
Acenaphthene	ND(0.37)	NA	ND(0.37)	NA	0.15 J	ND(0.38)
Acenaphthylene	ND(0.37)	NA	ND(0.37)	NA	0.24 J	0.10 J
Anthracene	ND(0.37)	NA	ND(0.37)	NA	0.67	ND(0.38)
Benzidine	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
Benzo(a)anthracene	ND(0.37)	NA	ND(0.37)	NA	2.1	0.26 J
Benzo(a)pyrene	ND(0.37)	NA	ND(0.37)	NA	1.5	0.15 J
Benzo(b)fluoranthene	ND(0.37)	NA	ND(0.37)	NA	1.5	0.12 J
Benzo(g,h,i)perylene	ND(0.37)	NA	ND(0.37)	NA	0.80	0.092 J
Benzo(k)fluoranthene	ND(0.37)	NA	ND(0.37)	NA	1.4	0.12 J
Benzyl Alcohol	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
Chrysene	ND(0.37)	NA	ND(0.37)	NA	2.3	0.28 J
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.37)	NA	0.24 J	ND(0.38)
Dibenzofuran	ND(0.37)	NA	ND(0.37)	NA	0.16 J	ND(0.38)
Dimethylphthalate	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
Fluoranthene	ND(0.37)	NA	ND(0.37)	NA	4.0	0.40
Fluorene	ND(0.37)	NA	ND(0.37)	NA	0.24 J	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	ND(0.37)	NA	0.73	0.077 J
Methapyrilene	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
Naphthalene	ND(0.37)	NA	ND(0.37)	NA	0.16 J	ND(0.38)
N-Nitroso-di-n-propylamine	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
p-Dimethylaminoazobenzene	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
Phenacetin	ND(0.75)	NA	ND(0.74)	NA	ND(0.76)	ND(0.77)
Phenanthrene	ND(0.37)	NA	ND(0.37)	NA	3.1	0.16 J
Phenol	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
Pyrene	ND(0.37)	NA	ND(0.37)	NA	3.4	0.45
Thionazin	ND(0.37)	NA	ND(0.37)	NA	ND(0.38)	ND(0.38)
Furans						
2,3,7,8-TCDF	NA	NA	ND(0.00000036)	NA	NA	0.0000066 Y
TCDFs (total)	NA	NA	0.000067 I	NA	NA	0.0017 I
1,2,3,7,8-PeCDF	NA	NA	ND(0.00000037)	NA	NA	0.000014
2,3,4,7,8-PeCDF	NA	NA	ND(0.00000038)	NA	NA	0.0000056
PeCDFs (total)	NA	NA	0.000092 I	NA	NA	0.0031 I
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.00000027)	NA	NA	0.000011
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.00000027)	NA	NA	0.0000065
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.00000025)	NA	NA	ND(0.0000025)
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00000026)	NA	NA	0.000012
HxCDFs (total)	NA	NA	0.000056 I	NA	NA	0.0020 I
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0000043	NA	NA	0.000038
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0000013	NA	NA	0.0000095
HpCDFs (total)	NA	NA	0.0000083	NA	NA	0.00011 I
OCDF	NA	NA	0.0000040	NA	NA	0.000052

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter / Sample ID:	RAA5-H30	RAA5-H30	RAA5-H31	RAA5-H33	RAA5-H33	RAA5-H34
Sample Depth(Feet):	6-15	8-10	0-1	1-3	1-4	0-1
Date Collected:	03/08/04	03/08/04	03/02/04	02/25/04	02/25/04	03/03/04
Dioxins						
2,3,7,8-TCDD	NA	NA	ND(0.00000024)	NA	NA	ND(0.00000035)
TCDDs (total)	NA	NA	ND(0.00000024)	NA	NA	ND(0.00000035)
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000014)	NA	NA	ND(0.0000067)
PeCDDs (total)	NA	NA	ND(0.0000014)	NA	NA	ND(0.0000067)
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.00000037)	NA	NA	ND(0.0000016)
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.00000038)	NA	NA	ND(0.0000017)
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.00000034)	NA	NA	ND(0.0000015)
HxCDDs (total)	NA	NA	ND(0.00000038)	NA	NA	ND(0.0000017)
1,2,3,4,6,7,8-HpCDD	NA	NA	0.0000033	NA	NA	0.000021
HpCDDs (total)	NA	NA	0.0000059	NA	NA	0.000044
OCDD	NA	NA	0.000021	NA	NA	0.00018
Total TEQs (WHO TEFs)	NA	NA	0.0000011	NA	NA	0.000012
Inorganics						
Antimony	ND(6.00)	NA	0.930 B	NA	2.00 B	ND(6.00)
Arsenic	9.20	NA	6.80	NA	4.80	4.80
Barium	23.0	NA	16.0 B	NA	40.0	23.0
Beryllium	0.290 B	NA	0.210 B	NA	0.240 B	0.230 B
Cadmium	0.440 B	NA	0.500	NA	0.860	0.210 B
Chromium	11.0	NA	7.70	NA	8.80	6.40
Cobalt	12.0	NA	28.0	NA	6.80	5.60
Copper	22.0	NA	42.0	NA	620	19.0
Cyanide	0.0650 B	NA	0.950	NA	0.0850 B	0.0780 B
Lead	14.0	NA	10.0	NA	54.0	21.0
Mercury	0.0300 B	NA	ND(0.110)	NA	0.130	0.0320 B
Nickel	20.0	NA	19.0	NA	14.0	10.0
Selenium	0.930 B	NA	ND(1.00)	NA	ND(1.00)	1.20
Silver	ND(1.00)	NA	0.720 B	NA	ND(1.00)	ND(1.00)
Sulfide	7.20	NA	ND(5.50)	NA	16.0	15.0
Thallium	0.960 B	NA	ND(1.10)	NA	ND(1.10)	ND(1.20)
Tin	2.70 B	NA	4.10 B	NA	39.0	3.80 B
Vanadium	9.80	NA	4.80 B	NA	7.60	7.20
Zinc	64.0	NA	98.0	NA	140	44.0

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-I1 0-1 03/10/04	RAA5-I1 1-6 03/10/04	RAA5-I1 4-6 03/10/04	RAA5-I17 0-1 03/02/04	RAA5-I17 1-6 03/02/04
Volatile Organics					
Chloroform	ND(0.0052)	NA	ND(0.0057)	ND(0.0056)	NA
Ethylbenzene	ND(0.0052)	NA	ND(0.0057)	ND(0.0056)	NA
Xylenes (total)	ND(0.0052)	NA	ND(0.0057)	ND(0.0056)	NA
Semivolatile Organics					
1,3-Dinitrobenzene	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
1,4-Naphthoquinone	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
2,4-Dinitrophenol	ND(1.8)	ND(2.0)	NA	ND(1.9)	ND(1.9)
2,4-Dinitrotoluene	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
2,6-Dinitrotoluene	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
2-Acetylaminofluorene	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
2-Methylnaphthalene	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
4-Chlorobenzilate	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
5-Nitro-o-toluidine	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
Acenaphthene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.13 J
Acenaphthylene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.079 J
Anthracene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.24 J
Benzidine	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
Benzo(a)anthracene	ND(0.35)	ND(0.39)	NA	0.097 J	0.40
Benzo(a)pyrene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.20 J
Benzo(b)fluoranthene	ND(0.35)	ND(0.39)	NA	0.083 J	0.26 J
Benzo(g,h,i)perylene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.081 J
Benzo(k)fluoranthene	ND(0.35)	ND(0.39)	NA	0.094 J	0.25 J
Benzyl Alcohol	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
Chrysene	ND(0.35)	ND(0.39)	NA	0.10 J	0.55
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
Dibenzofuran	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
Dimethylphthalate	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
Fluoranthene	ND(0.35)	ND(0.39)	NA	0.21 J	1.3
Fluorene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.14 J
Indeno(1,2,3-cd)pyrene	ND(0.35)	ND(0.39)	NA	ND(0.37)	0.082 J
Methapyrilene	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
Naphthalene	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
Phenacetin	ND(0.70)	ND(0.79)	NA	ND(0.74)	ND(0.74)
Phenanthrene	ND(0.35)	ND(0.39)	NA	0.099 J	0.47
Phenol	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
Pyrene	ND(0.35)	ND(0.39)	NA	0.20 J	0.92
Thionazin	ND(0.35)	ND(0.39)	NA	ND(0.37)	ND(0.37)
Furans					
2,3,7,8-TCDF	ND(0.00000015)	ND(0.00000016)	NA	0.000019 Y	0.0000067 Y
TCDFs (total)	0.0000032 I	0.000065 I	NA	0.027 I	0.010 I
1,2,3,7,8-PeCDF	ND(0.00000026)	0.0000086	NA	0.00013	0.000056
2,3,4,7,8-PeCDF	ND(0.00000030)	ND(0.00000027)	NA	0.000026	0.000031
PeCDFs (total)	0.000015 I	0.00016 I	NA	0.060 I	0.022 I
1,2,3,4,7,8-HxCDF	ND(0.00000013)	0.00000065	NA	0.000061	0.000024
1,2,3,6,7,8-HxCDF	0.0000010 I	0.0000062 I	NA	0.000051	ND(0.0000030)
1,2,3,7,8,9-HxCDF	ND(0.00000017)	ND(0.00000021)	NA	ND(0.0000062)	ND(0.0000020)
2,3,4,6,7,8-HxCDF	ND(0.00000013)	0.0000012	NA	0.00016	0.000035
HxCDFs (total)	0.0000083 I	0.000070 I	NA	0.040 I	0.015 I
1,2,3,4,6,7,8-HpCDF	ND(0.00000012)	0.0000014	NA	0.00050	0.00012
1,2,3,4,7,8,9-HpCDF	ND(0.00000019)	ND(0.00000042) X	NA	0.000041	0.000014
HpCDFs (total)	ND(0.00000019)	0.0000014	NA	0.0017 I	0.00045 I
OCDF	ND(0.00000042)	ND(0.00000013)	NA	0.00012	0.000046

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-I1 0-1 03/10/04	RAA5-I1 1-6 03/10/04	RAA5-I1 4-6 03/10/04	RAA5-I17 0-1 03/02/04	RAA5-I17 1-6 03/02/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000015)	ND(0.000000091)	NA	ND(0.00000071)	ND(0.00000043)
TCDDs (total)		ND(0.00000015)	ND(0.000000091)	NA	ND(0.00000071)	ND(0.00000043)
1,2,3,7,8-PeCDD		ND(0.00000040)	ND(0.00000072)	NA	ND(0.000016)	ND(0.0000083)
PeCDDs (total)		ND(0.00000040)	ND(0.00000072)	NA	ND(0.000016)	ND(0.0000083)
1,2,3,4,7,8-HxCDD		ND(0.00000012)	ND(0.00000013)	NA	0.0000086	ND(0.0000024)
1,2,3,6,7,8-HxCDD		ND(0.00000012)	ND(0.00000012)	NA	0.000014	ND(0.0000025)
1,2,3,7,8,9-HxCDD		ND(0.00000014)	ND(0.00000014)	NA	ND(0.0000038)	ND(0.0000023)
HxCDDs (total)		ND(0.00000014)	ND(0.00000014)	NA	0.000027	0.000035
1,2,3,4,6,7,8-HpCDD		ND(0.00000021)	ND(0.000000081)	NA	0.000067	0.000031
HpCDDs (total)		ND(0.00000021)	ND(0.000000081)	NA	0.00017	0.000071
OCDD		0.0000064	0.0000035	NA	0.00034	0.00023
Total TEQs (WHO TEFs)		0.00000051	0.0000018	NA	0.000066	0.000032
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	1.20 B	1.80 B
Arsenic		3.80	7.40	NA	15.0	7.00
Barium		1400	22.0	NA	18.0 B	20.0 B
Beryllium		0.290 B	0.170 B	NA	0.170 B	0.200 B
Cadmium		0.410 B	0.440 B	NA	0.330 B	0.290 B
Chromium		6.50	7.80	NA	5.70	6.50
Cobalt		33.0	8.90	NA	6.70	7.10
Copper		38.0	24.0	NA	18.0	18.0
Cyanide		0.0600 B	0.0570 B	NA	ND(0.560)	ND(0.550)
Lead		17.0	11.0	NA	22.0	11.0
Mercury		ND(0.100)	0.0660 B	NA	0.0140 B	ND(0.110)
Nickel		11.0	15.0	NA	10.0	11.0
Selenium		ND(1.00)	ND(1.00)	NA	ND(1.00)	ND(1.00)
Silver		0.990 B	ND(1.00)	NA	ND(1.00)	ND(1.00)
Sulfide		10.0	9.50	NA	8.90	8.90
Thallium		ND(1.00)	ND(1.20)	NA	ND(1.10)	ND(1.10)
Tin		2.40 B	2.60 B	NA	3.40 B	3.40 B
Vanadium		39.0	5.60	NA	4.10 B	4.50 B
Zinc		24.0	42.0	NA	46.0	39.0

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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: / Sample Depth(Feet): / Parameter / Date Collected:	RAA5-I17 2-4 03/02/04	RAA5-I23 0-1 02/23/04	RAA5-I23 6-15 02/23/04	RAA5-I23 10-12 02/23/04	RAA5-I25 0-1 02/25/04
Volatile Organics					
Chloroform	ND(0.0056)	ND(0.0057)	NA	ND(0.0057)	ND(0.0055) [ND(0.0056)]
Ethylbenzene	ND(0.0056)	ND(0.0057)	NA	ND(0.0057)	ND(0.0055) [ND(0.0056)]
Xylenes (total)	ND(0.0056)	ND(0.0057)	NA	ND(0.0057)	ND(0.0055) [ND(0.0056)]
Semivolatile Organics					
1,3-Dinitrobenzene	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
1,4-Naphthoquinone	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
2,4-Dinitrophenol	NA	ND(1.9)	ND(1.9)	NA	ND(1.9) [ND(1.9)]
2,4-Dinitrotoluene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
2,6-Dinitrotoluene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
2-Acetylaminofluorene	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
2-Methylnaphthalene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
4-Chlorobenzilate	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
5-Nitro-o-toluidine	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
Acenaphthene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Acenaphthylene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Anthracene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Benzidine	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
Benzo(a)anthracene	NA	ND(0.38)	ND(0.38)	NA	0.079 J [0.15 J]
Benzo(a)pyrene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [0.12 J]
Benzo(b)fluoranthene	NA	ND(0.38)	ND(0.38)	NA	0.061 J [0.11 J]
Benzo(g,h,i)perylene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Benzo(k)fluoranthene	NA	ND(0.38)	ND(0.38)	NA	0.072 J [0.11 J]
Benzyl Alcohol	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
Chrysene	NA	ND(0.38)	ND(0.38)	NA	0.098 J [0.17 J]
Dibenzo(a,h)anthracene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Dibenzofuran	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Dimethylphthalate	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Fluoranthene	NA	ND(0.38)	ND(0.38)	NA	0.17 J [0.30 J]
Fluorene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Indeno(1,2,3-cd)pyrene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Methapyrilene	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
Naphthalene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
N-Nitroso-di-n-propylamine	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
p-Dimethylaminoazobenzene	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
Phenacetin	NA	ND(0.77)	ND(0.76)	NA	ND(0.74) [ND(0.75)]
Phenanthrene	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [0.14 J]
Phenol	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Pyrene	NA	ND(0.38)	ND(0.38)	NA	0.16 J [0.28 J]
Thionazin	NA	ND(0.38)	ND(0.38)	NA	ND(0.37) [ND(0.37)]
Furans					
2,3,7,8-TCDF	NA	0.000013 Y	ND(0.0000010)	NA	0.000013 Y [0.0000082 Y]
TCDFs (total)	NA	0.0017 I	0.000075 I	NA	0.0011 I [0.00083 I]
1,2,3,7,8-PeCDF	NA	0.000012	ND(0.0000011)	NA	0.0000030 [ND(0.00000086)]
2,3,4,7,8-PeCDF	NA	0.000024	0.0000064	NA	0.0000065 [0.0000061]
PeCDFs (total)	NA	0.0035 I	0.00019 I	NA	0.0025 I [0.0013 I]
1,2,3,4,7,8-HxCDF	NA	0.000017	0.0000067	NA	0.000014 [0.0000090]
1,2,3,6,7,8-HxCDF	NA	0.0000097	0.0000046	NA	0.0000014 [0.0000014]
1,2,3,7,8,9-HxCDF	NA	0.0000036	0.0000052	NA	ND(0.00000090) [0.0000011]
2,3,4,6,7,8-HxCDF	NA	0.000015	0.0000064	NA	0.0000048 [0.0000038]
HxCDFs (total)	NA	0.0017 I	0.00013 I	NA	0.0014 I [0.00091 I]
1,2,3,4,6,7,8-HpCDF	NA	0.000053	0.0000093	NA	0.000021 [0.000015]
1,2,3,4,7,8,9-HpCDF	NA	0.0000068	0.0000060	NA	0.0000069 [0.0000043]
HpCDFs (total)	NA	0.00016 I	0.000016	NA	0.000070 I [0.000053]
OCDF	NA	0.000073	0.000014	NA	0.000048 [0.000027]

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-I17 2-4 03/02/04	RAA5-I23 0-1 02/23/04	RAA5-I23 6-15 02/23/04	RAA5-I23 10-12 02/23/04	RAA5-I25 0-1 02/25/04
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000067)	ND(0.00000050)	NA	ND(0.00000026) [ND(0.00000017)]
TCDDs (total)		NA	ND(0.00000067)	ND(0.00000050)	NA	ND(0.00000026) [ND(0.00000017)]
1,2,3,7,8-PeCDD		NA	ND(0.0000074)	ND(0.0000031)	NA	ND(0.0000066) [ND(0.0000044)]
PeCDDs (total)		NA	ND(0.0000074)	ND(0.0000031)	NA	ND(0.0000066) [ND(0.0000044)]
1,2,3,4,7,8-HxCDD		NA	ND(0.0000025)	0.0000053	NA	ND(0.0000019) [ND(0.0000013)]
1,2,3,6,7,8-HxCDD		NA	ND(0.0000024)	0.0000052	NA	ND(0.0000018) [ND(0.0000013)]
1,2,3,7,8,9-HxCDD		NA	0.0000070	0.0000049	NA	ND(0.0000017) [ND(0.0000012)]
HxCDDs (total)		NA	0.0000083	0.000016	NA	ND(0.0000019) [ND(0.0000013)]
1,2,3,4,6,7,8-HpCDD		NA	0.000088	0.0000088	NA	0.000015 [0.000015]
HpCDDs (total)		NA	0.00016	0.000017	NA	0.000038 [0.000037]
OCDD		NA	0.00052	0.000028	NA	0.00010 [0.00011]
Total TEQs (WHO TEFs)		NA	0.000025	0.0000092	NA	0.000011 [0.0000083]
Inorganics						
Antimony		NA	2.80 B	1.40 B	NA	1.70 B [1.50 B]
Arsenic		NA	3.50	6.90	NA	4.20 [3.80]
Barium		NA	29.0	20.0	NA	20.0 B [21.0]
Beryllium		NA	0.150 B	0.180 B	NA	0.190 B [0.170 B]
Cadmium		NA	0.620	0.500	NA	0.550 [0.580]
Chromium		NA	5.30	5.80	NA	7.80 [7.50]
Cobalt		NA	4.40 B	8.00	NA	4.70 B [4.40 B]
Copper		NA	12.0	18.0	NA	15.0 [14.0]
Cyanide		NA	0.0810 B	ND(0.570)	NA	0.110 B [ND(0.560)]
Lead		NA	14.0	9.40	NA	16.0 [14.0]
Mercury		NA	ND(0.110)	ND(0.110)	NA	0.0170 B [0.00890 B]
Nickel		NA	7.80	12.0	NA	8.90 [8.30]
Selenium		NA	ND(1.00)	ND(1.00)	NA	ND(1.00) [ND(1.00)]
Silver		NA	0.140 B	ND(1.00)	NA	ND(1.00) [0.140 B]
Sulfide		NA	48.0	5.50 B	NA	42.0 [43.0]
Thallium		NA	ND(1.10)	ND(1.10)	NA	ND(1.10) [ND(1.10)]
Tin		NA	3.40 B	2.70 B	NA	3.60 B [3.60 B]
Vanadium		NA	4.50 B	4.00 B	NA	5.10 [5.00]
Zinc		NA	31.0	36.0	NA	35.0 [36.0]

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-I27 0-1 03/10/04	RAA5-J21 0-1 03/02/04	RAA5-J21 1-6 03/02/04	RAA5-J21 3-5 03/02/04
Volatile Organics					
Chloroform		ND(0.0055)	ND(0.0055)	NA	ND(0.0051)
Ethylbenzene		ND(0.0055)	ND(0.0055)	NA	ND(0.0051)
Xylenes (total)		ND(0.0055)	ND(0.0055)	NA	ND(0.0051)
Semivolatile Organics					
1,3-Dinitrobenzene		ND(0.74)	ND(0.74)	ND(0.69)	NA
1,4-Naphthoquinone		ND(0.74)	ND(0.74)	ND(0.69)	NA
2,4-Dinitrophenol		ND(1.9)	ND(1.9)	ND(1.8)	NA
2,4-Dinitrotoluene		ND(0.37)	ND(0.37)	ND(0.34)	NA
2,6-Dinitrotoluene		ND(0.37)	ND(0.37)	ND(0.34)	NA
2-Acetylaminofluorene		ND(0.74)	ND(0.74)	ND(0.69)	NA
2-Methylnaphthalene		ND(0.37)	ND(0.37)	ND(0.34)	NA
4-Chlorobenzilate		ND(0.74)	ND(0.74)	ND(0.69)	NA
5-Nitro-o-toluidine		ND(0.74)	ND(0.74)	ND(0.69)	NA
Acenaphthene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Acenaphthylene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Anthracene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Benzidine		ND(0.74)	ND(0.74)	ND(0.69)	NA
Benzo(a)anthracene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Benzo(a)pyrene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Benzo(b)fluoranthene		ND(0.37)	0.047 J	ND(0.34)	NA
Benzo(g,h,i)perylene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Benzo(k)fluoranthene		ND(0.37)	0.054 J	ND(0.34)	NA
Benzyl Alcohol		ND(0.74)	ND(0.74)	ND(0.69)	NA
Chrysene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Dibenzo(a,h)anthracene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Dibenzofuran		ND(0.37)	ND(0.37)	ND(0.34)	NA
Dimethylphthalate		ND(0.37)	ND(0.37)	ND(0.34)	NA
Fluoranthene		0.092 J	0.15 J	ND(0.34)	NA
Fluorene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Indeno(1,2,3-cd)pyrene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Methapyrilene		ND(0.74)	ND(0.74)	ND(0.69)	NA
Naphthalene		ND(0.37)	ND(0.37)	ND(0.34)	NA
N-Nitroso-di-n-propylamine		ND(0.37)	ND(0.37)	ND(0.34)	NA
p-Dimethylaminoazobenzene		ND(0.74)	ND(0.74)	ND(0.69)	NA
Phenacetin		ND(0.74)	ND(0.74)	ND(0.69)	NA
Phenanthrene		ND(0.37)	ND(0.37)	ND(0.34)	NA
Phenol		ND(0.37)	ND(0.37)	ND(0.34)	NA
Pyrene		0.10 J	0.10 J	ND(0.34)	NA
Thionazin		ND(0.37)	ND(0.37)	ND(0.34)	NA
Furans					
2,3,7,8-TCDF		ND(0.00000048)	0.000019 Y	ND(0.00000048)	NA
TCDFs (total)		0.000062 I	0.0050 I	0.00013 I	NA
1,2,3,7,8-PeCDF		ND(0.00000053)	0.000028	0.00000085	NA
2,3,4,7,8-PeCDF		ND(0.00000065)	0.000044	0.0000030	NA
PeCDFs (total)		0.000077 I	0.0047 I	0.00018 I	NA
1,2,3,4,7,8-HxCDF		ND(0.00000043)	0.000033	ND(0.00000029)	NA
1,2,3,6,7,8-HxCDF		ND(0.00000046)	0.000013	0.00000054	NA
1,2,3,7,8,9-HxCDF		ND(0.00000034)	ND(0.0000025)	ND(0.00000025)	NA
2,3,4,6,7,8-HxCDF		ND(0.00000037)	0.000020	0.0000011	NA
HxCDFs (total)		0.000066 I	0.0027 I	0.000086 I	NA
1,2,3,4,6,7,8-HpCDF		ND(0.00000020)	0.000059	0.0000027	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000024)	0.000010	ND(0.00000017)	NA
HpCDFs (total)		ND(0.00000024)	0.00018 I	0.0000069	NA
OCDF		ND(0.00000035)	0.000056	0.0000025	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA5-I27 0-1 03/10/04	RAA5-J21 0-1 03/02/04	RAA5-J21 1-6 03/02/04	RAA5-J21 3-5 03/02/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000027)	ND(0.0000011)	ND(0.00000020)	NA
TCDDs (total)		ND(0.00000027)	ND(0.0000011)	ND(0.00000020)	NA
1,2,3,7,8-PeCDD		ND(0.0000014)	ND(0.000025)	ND(0.0000030)	NA
PeCDDs (total)		ND(0.0000014)	ND(0.000025)	ND(0.0000030)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000036)	ND(0.0000064)	ND(0.00000071)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000036)	ND(0.0000065)	ND(0.00000072)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000033)	ND(0.0000059)	ND(0.00000065)	NA
HxCDDs (total)		ND(0.00000036)	ND(0.0000065)	ND(0.00000072)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000027)	0.0000099	ND(0.00000028)	NA
HpCDDs (total)		ND(0.00000027)	0.000022	ND(0.00000028)	NA
OCDD		0.000014	0.000062	0.0000072	NA
Total TEQs (WHO TEFs)		0.0000012	0.000047	0.0000035	NA
Inorganics					
Antimony		0.840 B	0.990 B	1.10 B	NA
Arsenic		3.80	6.50	12.0	NA
Barium		19.0 B	20.0 B	49.0	NA
Beryllium		0.140 B	0.190 B	0.140 B	NA
Cadmium		0.490 B	0.370 B	0.410 B	NA
Chromium		5.50	9.80	7.20	NA
Cobalt		6.90	17.0	14.0	NA
Copper		12.0	28.0	38.0	NA
Cyanide		ND(0.550)	0.0510 B	0.0580 B	NA
Lead		5.80	45.0	11.0	NA
Mercury		ND(0.110)	0.0140 B	ND(0.100)	NA
Nickel		9.70	11.0	23.0	NA
Selenium		ND(1.00)	ND(1.00)	ND(1.00)	NA
Silver		ND(1.00)	0.160 B	0.310 B	NA
Sulfide		14.0	11.0	8.30	NA
Thallium		ND(1.10)	ND(1.10)	ND(1.00)	NA
Tin		2.20 B	3.90 B	2.90 B	NA
Vanadium		5.00	4.10 B	4.30 B	NA
Zinc		31.0	44.0	43.0	NA

TABLE 3-4
APPENDIX IX+3 DATA RECEIVED DURING MARCH 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)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

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

Sent drafts of EREs for GE-owned properties within this RAA to EPA and MDEP for review.

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

- Conduct discussions with holders of encumbrances on GE properties at this RAA regarding subordination agreements.

- Send notices to owner of non-GE property within this RAA and to holders of encumbrances on that property regarding Conditional Solution in accordance with Paragraph 36 of the CD.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of Revised Conceptual Removal Design/Removal Action (RD/RA) Work Plan (March 18, 2004).

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
MARCH 2004

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

a. Activities Undertaken/Completed

Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in March 2004 was 98,000 gallons (see Table 5-1).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue transfer of building demolition debris and/or excavated material from 1½ Mile Reach to the OPCAs (weather dependent).

- Transfer approximately 50 cubic yards of soil to Hill 78 OPCA from emergency repair of fire main near Building 64 (weather dependent).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
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
March 2004

Month / Year	Total Volume of Leachate Transferred (Gallons)
March 2003	120,000
April 2003	100,000
May 2003	68,000
June 2003	65,000
July 2003	53,000
August 2003	122,500
September 2003	94,000
October 2003	84,000
November 2003	86,500
December 2003	102,500
January 2004	35,000
February 2004	30,000
March 2004	98,000

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

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

a. Activities Undertaken/Completed

- Continued pre-design investigation soil sampling.*
- Received signed owner access agreements for Parcels L12-1-3 and L12-1-4 (March 29, 2004) and Parcels L11-4-112 and L11-4-213 (March 31, 2004).
- Conducted sampling and analysis of floor materials obtained from GE Plastics Building 118 for asbestos.

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 soil sampling.*
- Following EPA approval of additional sampling proposed in Interim Pre-Design Investigation Report, conduct such additional sampling.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-01	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-01 MASTIC	3/2/04	Mastic	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-02	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-02 MASTIC	3/2/04	Mastic	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-03	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-04	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-04 MASTIC	3/2/04	Mastic	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-05	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-05 MASTIC	3/2/04	Mastic	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-06	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-06 MASTIC	3/2/04	Mastic	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-07	3/2/04	Tile	CT&E	PLM (Asbestos)	3/19/04	
GE Plastics Building 118 Weathering Lab Floor Sampling	GE-07 MASTIC	3/2/04	Mastic	CT&E	PLM (Asbestos)	3/19/04	
Pre-Design Soil Investigation Sampling	RAA10-DUP-36 (RAA10-N-S7)	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-DUP-37 (RAA10-W-H9)	3/8/04	0-1	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-DUP-38 (RAA10-W-H9)	3/8/04	0-1	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-42 (RAA10-N-O24)	3/22/04	6-15	Soil	CT&E	Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-43 (RAA10-N-G16)	3/23/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-DUP-44 (RAA10-N-G16)	3/23/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-45 (RAA10-N-K12)	3/24/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-DUP-46 (RAA10-N-K12)	3/24/04	3-6	Soil	CT&E	Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-DUP-47 (RAA10-W-P15)	3/25/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-DUP-48 (RAA10-W-P15)	3/25/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-DUP-49 (RAA10-N-DD26)	3/29/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-C26	3/2/04	2-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC12	3/3/04	0-1	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC12	3/3/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC12	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-CC26	3/29/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-DD26	3/29/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-DD26	3/29/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-DD26	3/29/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-DUP-34 (RAA10-N-Q3)	3/2/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-DUP-35 (RAA10-N-Q3)	3/2/04	4-6	Soil	CT&E	VOC	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-E22	3/3/04	2-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-E23	3/3/04	2-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-G16	3/23/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-G18	3/3/04	2-3	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-G20	3/23/04	8-10	Soil	CT&E	VOC	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-N-G22	3/2/04	2-3	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-G24	3/22/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-GG26	3/29/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-I14	3/2/04	2-3	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-I16	3/2/04	2-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-K10	3/24/04	6-8	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-K12	3/24/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-K16	3/24/04	12-14	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-K20	3/22/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-M10	3/24/04	3-4	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-M12	3/26/04	6-8	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-M14	3/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-N-O24	3/22/04	10-12	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-O24	3/22/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-O5	3/2/04	1-6	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-O5	3/2/04	6-15	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-O5	3/2/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-O8	3/2/04	6-15	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-Q18.5	3/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-Q3	3/2/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q3	3/2/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q3	3/2/04	12-14	Soil	CT&E	VOC	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q3	3/2/04	4-6	Soil	CT&E	VOC	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q7	3/3/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q7	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-Q7	3/3/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-S1	3/1/04	1-6	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S1	3/1/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S1	3/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S1	3/1/04	12-14	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S2	3/1/04	1-6	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S2	3/1/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S2	3/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-S24	3/17/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-S7	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-S7	3/3/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-S7	3/3/04	3-4	Soil	CT&E	VOC	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	3-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-T19.5	3/25/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-U1	3/1/04	0-1	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-U1	3/1/04	1-6	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-U1	3/1/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-U2	3/1/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-U2	3/1/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-U2	3/1/04	4-6	Soil	CT&E	VOC	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-U3	3/2/04	0-1	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U3	3/2/04	1-6	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U3	3/2/04	6-15	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U4	3/2/04	1-6	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U4	3/2/04	6-15	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U6	3/2/04	1-6	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U6	3/2/04	6-15	Soil	CT&E	PCB	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U6	3/2/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/26/04
Pre-Design Soil Investigation Sampling	RAA10-N-U7	3/3/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-U7	3/3/04	6-15	Soil	CT&E	PCB	3/17/04

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-N-W1	3/1/04	1-6	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-W1	3/1/04	6-15	Soil	CT&E	PCB	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-W1	3/1/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/15/04
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	1-3	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics	
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF, Pest, Herb	
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-W24	3/16/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-N-W6	3/3/04	0-1	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W6	3/3/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W6	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W7	3/3/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W7	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W7	3/3/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W8	3/3/04	0-1	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W8	3/3/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-N-W8	3/3/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-DUP-39 (RAA10-W-K8)	3/9/04	0-1	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-DUP-40 (RAA10-W-K8)	3/9/04	0-1	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-DUP-41 (RAA10-W-R13)	3/10/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-F6	3/5/04	0-1	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-F6	3/5/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-F6	3/5/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-F6	3/5/04	8-10	Soil	CT&E	VOC	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-G4	3/5/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-G4	3/5/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-G4	3/5/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-G7	3/8/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-G7	3/8/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-G7	3/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-H2	3/5/04	0-1	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-H2	3/5/04	1-6	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-H2	3/5/04	6-15	Soil	CT&E	PCB	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-H4	3/8/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-H4	3/8/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-H4	3/8/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-H9	3/8/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-I2	3/5/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-I2	3/5/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-I2	3/5/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-I2	3/5/04	10-12	Soil	CT&E	VOC	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-I2	3/5/04	4-6	Soil	CT&E	VOC	3/17/04
Pre-Design Soil Investigation Sampling	RAA10-W-I7	3/9/04	6-15	Soil	CT&E	PCB	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-I7	3/9/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-I7	3/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-I7	3/9/04	4-6	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	0-1	Soil	CT&E	PCB	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-W-J10	3/8/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-J10	3/8/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-J4	3/9/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-J4	3/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-J4	3/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-J4	3/9/04	12-14	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-J4	3/9/04	3-4	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-K8	3/9/04	1-6	Soil	CT&E	PCB	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-K8	3/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-K8	3/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-K8	3/9/04	8-10	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-L11	3/8/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-L11	3/8/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-L11	3/8/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-M11	3/9/04	0-1	Soil	CT&E	PCB	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M11	3/9/04	1-6	Soil	CT&E	PCB	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M11	3/9/04	6-15	Soil	CT&E	PCB	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M8	3/9/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M8	3/9/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M8	3/9/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M8	3/9/04	4-6	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-M8	3/9/04	8-10	Soil	CT&E	VOC	3/31/04
Pre-Design Soil Investigation Sampling	RAA10-W-P11	3/10/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-P11	3/10/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-P11	3/10/04	6-15	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-P15	3/25/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	6-11	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-P9	3/10/04	8-10	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-Q14	3/26/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-Q15	3/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-Q16	3/26/04	0-1	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	1-6	Soil	CT&E	PCB	
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-R13	3/10/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-R15	3/26/04	4-6	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	1-6	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	6-15	Soil	CT&E	PCB, SVOC, Inorganics, PCDD/PCDF	

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-W-S11	3/10/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	14-15	Soil	CT&E	VOC	
Pre-Design Soil Investigation Sampling	RAA10-W-S11	3/10/04	4-6	Soil	CT&E	VOC	

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

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-N-C26	2-3	3/2/2004	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-N-CC12	0-1	3/3/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	3/3/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	3/3/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA10-N-E22	2-3	3/3/2004	ND(0.074)	ND(0.074)	ND(0.074)	ND(0.074)
RAA10-N-G18	2-3	3/3/2004	ND(0.043)	ND(0.043)	ND(0.043)	ND(0.043)
RAA10-N-G22	2-3	3/2/2004	ND(0.055)	ND(0.055)	ND(0.055)	ND(0.055)
RAA10-N-I14	2-3	3/2/2004	ND(0.071)	0.50	0.58	1.08
RAA10-N-I16	2-3	3/2/2004	ND(0.14)	0.092 J	0.070 J	0.162 J
RAA10-N-O5	1-6	3/2/2004	ND(20)	240	260	500
	6-15	3/2/2004	ND(0.049)	0.10	0.095	0.195
RAA10-N-O8	6-15	3/2/2004	ND(0.038)	1.7	1.8	3.5
RAA10-N-Q3	1-6	3/2/2004	ND(0.20) [ND(0.79)]	2.6 [8.4]	1.2 [4.0]	3.8 [12.4]
	6-15	3/2/2004	ND(3.9)	15	8.2	23.2
RAA10-N-Q7	1-6	3/3/2004	ND(0.039)	ND(0.039)	0.62	0.62
	6-15	3/3/2004	ND(27)	ND(27)	130	130
RAA10-N-S1	0-1	3/1/2004	ND(0.043)	0.27	0.36	0.63
	1-6	3/1/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	3/1/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-N-S2	0-1	3/1/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	1-6	3/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/1/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-N-S7	1-6	3/3/2004	ND(0.040)	ND(0.040)	0.16	0.16
	6-15	3/3/2004	ND(22) [ND(21)]	ND(22) [ND(21)]	66 [69]	66 [69]
RAA10-N-U1	0-1	3/1/2004	ND(0.044)	0.027 J	0.051	0.078
	1-6	3/1/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-U2	1-6	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/1/2004	ND(0.037)	0.32	0.38	0.70
RAA10-N-U3	0-1	3/2/2004	ND(0.043)	0.028 J	ND(0.043)	0.028 J
	1-6	3/2/2004	ND(0.036)	0.075	0.033 J	0.108
	6-15	3/2/2004	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
RAA10-N-U4	1-6	3/2/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	6-15	3/2/2004	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-N-U6	1-6	3/2/2004	ND(0.038)	0.042	0.028 J	0.070
	6-15	3/2/2004	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)
RAA10-N-U7	1-6	3/3/2004	ND(0.039)	1.4	1.3	2.7
	6-15	3/3/2004	ND(0.40)	ND(0.40)	6.4	6.4
RAA10-N-W1	0-1	3/1/2004	ND(0.039)	0.057	0.075	0.132
	1-6	3/1/2004	ND(0.039)	0.010 J	0.016 J	0.026 J
	6-15	3/1/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-N-W6	0-1	3/3/2004	ND(0.042)	0.83	1.1	1.93
	1-6	3/3/2004	ND(0.039)	0.067	ND(0.039)	0.067
	6-15	3/3/2004	ND(0.039)	ND(0.039)	0.022 J	0.022 J
RAA10-N-W7	1-6	3/3/2004	ND(0.067)	0.12	0.11	0.23
	6-15	3/3/2004	ND(0.23)	ND(0.23)	0.068 J	0.068 J
RAA10-N-W8	0-1	3/3/2004	ND(0.052)	0.11	0.14	0.25
	1-6	3/3/2004	ND(0.038)	0.32	0.47	0.79
	6-15	3/3/2004	ND(0.22)	3.5	2.4	5.9
RAA10-W-F6	0-1	3/5/2004	ND(0.38)	ND(0.38)	8.3	8.3
	1-6	3/5/2004	ND(0.037)	ND(0.037)	1.2	1.2
	6-15	3/5/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-G4	0-1	3/5/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-6	3/5/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	3/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-H2	0-1	3/5/2004	ND(0.040)	ND(0.040)	0.050	0.050
	1-6	3/5/2004	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-15	3/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2004

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-W-I2	0-1	3/5/2004	ND(0.038)	ND(0.038)	0.27	0.27
	1-6	3/5/2004	ND(0.038)	ND(0.038)	0.016 J	0.016 J
	6-15	3/5/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-I7	0-1	3/9/2004	ND(0.036)	0.034 J	0.083	0.117
	1-6	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
RAA10-W-J4	0-1	3/9/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-6	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-15	3/9/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-K8	0-1	3/9/2004	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]
	1-6	3/9/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-15	3/9/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-W-M8	0-1	3/9/2004	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	1-6	3/9/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/9/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-M11	0-1	3/9/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	1-6	3/9/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-15	3/9/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)

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

Data Qualifiers:

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

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-C26 2-3 03/02/04	RAA10-N-E22 2-3 03/03/04	RAA10-N-I16 2-3 03/02/04	RAA10-N-O5 0-1 03/02/04
Volatile Organics					
1,4-Dioxane		ND(0.13)	ND(0.22)	ND(0.41)	ND(0.13)
2-Butanone		ND(0.013)	0.027	ND(0.041)	ND(0.013)
Acetone		ND(0.027)	0.15	ND(0.083)	ND(0.026)
Benzene		ND(0.0066)	ND(0.011)	0.050	ND(0.0065)
Toluene		ND(0.0066)	ND(0.011)	0.012 J	ND(0.0065)
Xylenes (total)		ND(0.0066)	ND(0.011)	0.84	ND(0.0065)
Semivolatile Organics					
2-Methylnaphthalene		ND(0.44)	ND(0.74)	ND(1.4)	ND(0.43)
Acenaphthylene		ND(0.44)	ND(0.74)	ND(1.4)	ND(0.43)
Aniline		ND(0.44)	ND(0.74)	ND(1.4)	ND(0.43)
Anthracene		ND(0.44)	ND(0.74)	ND(1.4)	ND(0.43)
Benzo(a)anthracene		ND(0.44)	ND(0.74)	0.86 J	ND(0.43)
Benzo(a)pyrene		ND(0.44)	ND(0.74)	0.80 J	ND(0.43)
Benzo(b)fluoranthene		ND(0.44)	ND(0.74)	0.90 J	ND(0.43)
Benzo(g,h,i)perylene		ND(0.44)	ND(0.74)	0.53 J	ND(0.43)
Benzo(k)fluoranthene		ND(0.44)	ND(0.74)	0.73 J	ND(0.43)
bis(2-Ethylhexyl)phthalate		ND(0.44)	ND(0.73)	ND(1.4)	ND(0.43)
Chrysene		ND(0.44)	ND(0.74)	1.1 J	0.096 J
Dibenzo(a,h)anthracene		ND(0.44)	ND(0.74)	ND(1.4)	ND(0.43)
Dimethylphthalate		ND(0.44)	ND(0.74)	ND(1.4)	ND(0.43)
Fluoranthene		ND(0.44)	ND(0.74)	1.6	0.21 J
Indeno(1,2,3-cd)pyrene		ND(0.44)	ND(0.74)	0.41 J	ND(0.43)
Phenanthrene		ND(0.44)	ND(0.74)	0.32 J	0.088 J
Pyrene		ND(0.44)	ND(0.74)	1.5	0.19 J
Organochlorine Pesticides					
4,4'-DDD		ND(0.016)	NA	0.11	NA
Organophosphate Pesticides					
None Detected		--	NA	--	NA
Herbicides					
None Detected		--	NA	--	NA
Furans					
2,3,7,8-TCDF		ND(0.00000035)	NA	ND(0.0000013)	0.000014 Y
TCDFs (total)		0.000059 I	NA	0.00030 I	0.0019 I
1,2,3,7,8-PeCDF		ND(0.00000034)	NA	ND(0.00000082)	0.000015
2,3,4,7,8-PeCDF		ND(0.00000036)	NA	ND(0.00000085)	0.000021
PeCDFs (total)		0.000084 I	NA	0.00011 I	0.0028 I
1,2,3,4,7,8-HxCDF		0.0000052	NA	ND(0.00000050)	0.000028
1,2,3,6,7,8-HxCDF		0.0000050	NA	ND(0.00000049)	0.0000049
1,2,3,7,8,9-HxCDF		0.0000044	NA	ND(0.00000043)	ND(0.0000013)
2,3,4,6,7,8-HxCDF		0.0000036	NA	ND(0.00000044)	0.0000041
HxCDFs (total)		0.000058 I	NA	0.000025 I	0.00087 I
1,2,3,4,6,7,8-HpCDF		0.0000074	NA	0.0000073	0.000024
1,2,3,4,7,8,9-HpCDF		0.0000040	NA	ND(0.00000038)	0.0000072
HpCDFs (total)		0.000012	NA	0.0000081	0.000056 I
OCDF		0.0000097	NA	0.0000097	0.000032

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-C26 2-3 03/02/04	RAA10-N-E22 2-3 03/03/04	RAA10-N-I16 2-3 03/02/04	RAA10-N-O5 0-1 03/02/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000028)	NA	ND(0.00000083)	ND(0.00000043)
TCDDs (total)		ND(0.00000028)	NA	ND(0.00000083)	ND(0.00000043)
1,2,3,7,8-PeCDD		ND(0.0000013)	NA	ND(0.0000021)	ND(0.0000082)
PeCDDs (total)		ND(0.0000013)	NA	ND(0.0000021)	ND(0.0000082)
1,2,3,4,7,8-HxCDD		0.0000041	NA	ND(0.00000091)	ND(0.0000023)
1,2,3,6,7,8-HxCDD		0.0000037	NA	ND(0.00000093)	ND(0.0000023)
1,2,3,7,8,9-HxCDD		0.0000044	NA	ND(0.00000084)	ND(0.0000021)
HxCDDs (total)		0.000012	NA	ND(0.00000093)	ND(0.0000023)
1,2,3,4,6,7,8-HpCDD		0.0000046	NA	0.0000059	0.0000083
HpCDDs (total)		0.0000048	NA	0.0000056	0.000016
OCDD		0.000012	NA	0.000026	0.000065
Total TEQs (WHO TEFs)		0.0000041	NA	0.0000021	0.000021
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.20)	2.60 B
Arsenic		3.70	3.40	5.70	2.60
Barium		62.0	100	150	27.0
Beryllium		0.470 B	0.630	1.00	0.210 B
Cadmium		0.260 B	0.460 B	1.10	0.420 B
Chromium		13.0	16.0	18.0	5.10
Cobalt		8.80	8.60	7.00	3.60 B
Copper		11.0	18.0	38.0	14.0
Cyanide		0.0260 B	0.0950 B	0.420	ND(0.650)
Lead		6.90	9.10	40.0	24.0
Mercury		0.0210 B	0.0590 B	0.150 B	0.0390 B
Nickel		14.0	20.0	18.0	6.60
Selenium		ND(1.00)	2.10	ND(3.10)	ND(1.00)
Silver		ND(1.00)	ND(1.60)	0.560 B	0.200 B
Sulfide		8.50	21.0	40.0	1300
Tin		5.30 B	5.10 B	13.0 B	4.80 B
Vanadium		13.0	17.0	30.0	5.90
Zinc		65.0	68.0	92.0	40.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-N-Q3 1-6 03/02/04	RAA10-N-Q3 4-6 03/02/04	RAA10-N-Q3 6-15 03/02/04
Volatile Organics			
1,4-Dioxane	NA	ND(0.11) [ND(0.11)]	NA
2-Butanone	NA	ND(0.011) [ND(0.011)]	NA
Acetone	NA	ND(0.022) [ND(0.022)]	NA
Benzene	NA	ND(0.0054) [ND(0.0055)]	NA
Toluene	NA	ND(0.0054) [ND(0.0055)]	NA
Xylenes (total)	NA	ND(0.0054) [ND(0.0055)]	NA
Semivolatile Organics			
2-Methylnaphthalene	ND(0.40) [ND(0.40)]	NA	0.088 J
Acenaphthylene	ND(0.40) [ND(0.40)]	NA	0.083 J
Aniline	ND(0.40) [ND(0.40)]	NA	0.68
Anthracene	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Benzo(a)anthracene	0.10 J [ND(0.40)]	NA	0.14 J
Benzo(a)pyrene	0.084 J [ND(0.40)]	NA	0.099 J
Benzo(b)fluoranthene	0.094 J [0.054 J]	NA	0.12 J
Benzo(g,h,i)perylene	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Benzo(k)fluoranthene	0.10 J [0.058 J]	NA	0.12 J
bis(2-Ethylhexyl)phthalate	0.35 J [0.081 J]	NA	ND(0.39)
Chrysene	0.13 J [ND(0.40)]	NA	0.15 J
Dibenzo(a,h)anthracene	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Dimethylphthalate	ND(0.40) [ND(0.40)]	NA	0.21 J
Fluoranthene	0.27 J [0.15 J]	NA	0.36 J
Indeno(1,2,3-cd)pyrene	ND(0.40) [ND(0.40)]	NA	ND(0.39)
Phenanthrene	0.11 J [ND(0.40)]	NA	0.23 J
Pyrene	0.21 J [0.10 J]	NA	0.26 J
Organochlorine Pesticides			
4,4'-DDD	NA	NA	NA
Organophosphate Pesticides			
None Detected	NA	NA	NA
Herbicides			
None Detected	NA	NA	NA
Furans			
2,3,7,8-TCDF	0.000053 Y [0.000014 Y]	NA	0.00027 Y
TCDFs (total)	0.0026 I [0.0010 I]	NA	0.019 I
1,2,3,7,8-PeCDF	0.000062 [0.000015]	NA	0.00040
2,3,4,7,8-PeCDF	0.000071 [0.000018]	NA	0.00042
PeCDFs (total)	0.0040 I [0.0013 I]	NA	0.034 I
1,2,3,4,7,8-HxCDF	0.00012 [0.000022]	NA	0.00074
1,2,3,6,7,8-HxCDF	0.000065 [0.000010]	NA	0.00033
1,2,3,7,8,9-HxCDF	ND(0.0000025) [0.0000013]	NA	0.000090
2,3,4,6,7,8-HxCDF	0.000014 [0.0000055]	NA	0.00013
HxCDFs (total)	0.0024 I [0.00062 I]	NA	0.022 I
1,2,3,4,6,7,8-HpCDF	0.00011 [0.000027]	NA	0.00077
1,2,3,4,7,8,9-HpCDF	0.000032 [0.0000077]	NA	0.00022
HpCDFs (total)	0.00022 I [0.000053 I]	NA	0.0016 I
OCDF	0.00017 [0.000028]	NA	0.00084

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-Q3 1-6 03/02/04	RAA10-N-Q3 4-6 03/02/04	RAA10-N-Q3 6-15 03/02/04
Dioxins				
2,3,7,8-TCDD		ND(0.00000062) [ND(0.00000026)]	NA	ND(0.00000065)
TCDDs (total)		ND(0.00000062) [ND(0.00000026)]	NA	0.0000049
1,2,3,7,8-PeCDD		ND(0.000015) [ND(0.0000033)]	NA	ND(0.000019)
PeCDDs (total)		ND(0.000015) [ND(0.0000033)]	NA	ND(0.000019)
1,2,3,4,7,8-HxCDD		ND(0.0000046) [ND(0.00000068)]	NA	ND(0.0000053)
1,2,3,6,7,8-HxCDD		ND(0.0000046) [ND(0.00000071)]	NA	ND(0.0000049)
1,2,3,7,8,9-HxCDD		ND(0.0000042) [ND(0.00000064)]	NA	ND(0.0000044)
HxCDDs (total)		ND(0.0000046) [ND(0.00000071)]	NA	0.000095
1,2,3,4,6,7,8-HpCDD		0.000015 [0.0000073]	NA	0.000075
HpCDDs (total)		0.000029 [0.000014]	NA	0.00018
OCDD		0.000043 [0.000023]	NA	0.00015
Total TEQs (WHO TEFs)		0.000074 [0.000017]	NA	0.00041
Inorganics				
Antimony		ND(6.00) [0.990 B]	NA	2.20 B
Arsenic		3.70 [2.10]	NA	3.70
Barium		21.0 [15.0 B]	NA	42.0
Beryllium		0.250 B [0.220 B]	NA	0.240 B
Cadmium		0.330 B [0.200 B]	NA	0.320 B
Chromium		5.90 [4.20]	NA	6.80
Cobalt		5.60 [3.50 B]	NA	5.80
Copper		12.0 [8.70]	NA	37.0
Cyanide		0.180 [0.0810 B]	NA	0.120 B
Lead		27.0 [6.80]	NA	49.0
Mercury		0.0190 B [ND(0.120)]	NA	0.0270 B
Nickel		9.30 [6.80]	NA	9.50
Selenium		ND(1.00) [ND(1.00)]	NA	ND(1.00)
Silver		ND(1.00) [0.130 B]	NA	0.210 B
Sulfide		9.60 [9.50]	NA	13.0
Tin		4.00 B [3.80 B]	NA	6.90 B
Vanadium		5.80 [3.90 B]	NA	6.30
Zinc		41.0 [22.0]	NA	56.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-Q3 12-14 03/02/04	RAA10-N-Q7 0-1 03/03/04	RAA10-N-S1 0-1 03/01/04	RAA10-N-S1 6-15 03/01/04	RAA10-N-S1 12-14 03/01/04
Volatile Organics						
1,4-Dioxane		ND(0.12)	ND(0.11)	ND(0.13)	NA	ND(0.11)
2-Butanone		ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.011)
Acetone		ND(0.024)	ND(0.023)	ND(0.026)	NA	ND(0.022)
Benzene		ND(0.0060)	ND(0.0057)	ND(0.0064)	NA	ND(0.0055)
Toluene		ND(0.0060)	ND(0.0057)	ND(0.0064)	NA	ND(0.0055)
Xylenes (total)		ND(0.0060)	ND(0.0057)	ND(0.0064)	NA	ND(0.0055)
Semivolatile Organics						
2-Methylnaphthalene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Acenaphthylene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Aniline		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Anthracene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Benzo(a)anthracene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Benzo(a)pyrene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Benzo(b)fluoranthene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Benzo(g,h,i)perylene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Benzo(k)fluoranthene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate		NA	0.21 J	ND(1.1)	ND(0.38)	NA
Chrysene		NA	0.12 J	ND(2.1)	ND(0.38)	NA
Dibenzo(a,h)anthracene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Dimethylphthalate		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Fluoranthene		NA	0.17 J	ND(2.1)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Phenanthrene		NA	ND(0.38)	ND(2.1)	ND(0.38)	NA
Pyrene		NA	0.21 J	ND(2.1)	ND(0.38)	NA
Organochlorine Pesticides						
4,4'-DDD		NA	NA	NA	NA	NA
Organophosphate Pesticides						
None Detected		NA	NA	NA	NA	NA
Herbicides						
None Detected		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		NA	0.0000040 Y	0.0000076 Y	ND(0.00000017)	NA
TCDFs (total)		NA	0.00033 I	0.0010 I	ND(0.00000017)	NA
1,2,3,7,8-PeCDF		NA	0.0000063	0.0000015	ND(0.00000017)	NA
2,3,4,7,8-PeCDF		NA	0.0000067	0.000018	ND(0.00000019)	NA
PeCDFs (total)		NA	0.00076 I	0.0014 I	ND(0.00000019)	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.0000014)	0.0000051	ND(0.000000099)	NA
1,2,3,6,7,8-HxCDF		NA	0.000052	ND(0.00000094)	ND(0.00000010)	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.0000011)	ND(0.00000049)	ND(0.000000082)	NA
2,3,4,6,7,8-HxCDF		NA	0.0000041	0.0000044	ND(0.000000093)	NA
HxCDFs (total)		NA	0.00049 I	0.00049 I	ND(0.00000010)	NA
1,2,3,4,6,7,8-HpCDF		NA	0.000014	0.000017	ND(0.000000073)	NA
1,2,3,4,7,8,9-HpCDF		NA	0.0000071	0.0000021	ND(0.000000078)	NA
HpCDFs (total)		NA	0.000035	0.000050 I	ND(0.000000078)	NA
OCDF		NA	0.000022	0.000022	ND(0.00000018)	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-Q3 12-14 03/02/04	RAA10-N-Q7 0-1 03/03/04	RAA10-N-S1 0-1 03/01/04	RAA10-N-S1 6-15 03/01/04	RAA10-N-S1 12-14 03/01/04
Dioxins						
2,3,7,8-TCDD		NA	ND(0.00000061)	ND(0.00000025)	ND(0.00000015)	NA
TCDDs (total)		NA	ND(0.00000061)	ND(0.00000025)	ND(0.00000015)	NA
1,2,3,7,8-PeCDD		NA	ND(0.0000032)	ND(0.0000023)	ND(0.00000030)	NA
PeCDDs (total)		NA	ND(0.0000032)	ND(0.0000023)	ND(0.00000030)	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.0000011)	ND(0.00000074)	ND(0.00000013)	NA
1,2,3,6,7,8-HxCDD		NA	ND(0.0000012)	ND(0.00000071)	ND(0.00000013)	NA
1,2,3,7,8,9-HxCDD		NA	ND(0.0000011)	ND(0.00000065)	ND(0.00000012)	NA
HxCDDs (total)		NA	ND(0.0000012)	ND(0.00000074)	ND(0.00000013)	NA
1,2,3,4,6,7,8-HpCDD		NA	ND(0.00000098)	0.000032	ND(0.00000010)	NA
HpCDDs (total)		NA	ND(0.00000098)	0.000062	ND(0.00000010)	NA
OCDD		NA	0.000044	0.00029	ND(0.0000032) X	NA
Total TEQs (WHO TEFs)		NA	0.000012	0.000013	0.00000032	NA
Inorganics						
Antimony		NA	ND(6.00)	0.900 B	ND(6.00)	NA
Arsenic		NA	4.00	3.30	4.00	NA
Barium		NA	25.0	30.0	32.0	NA
Beryllium		NA	0.230 B	0.160 B	0.240 B	NA
Cadmium		NA	0.330 B	0.460 B	0.380 B	NA
Chromium		NA	5.60	7.20	6.80	NA
Cobalt		NA	6.20	4.90 B	7.70	NA
Copper		NA	15.0	14.0	14.0	NA
Cyanide		NA	ND(0.110)	0.290	0.270 B	NA
Lead		NA	16.0	120	6.40	NA
Mercury		NA	ND(0.110)	0.0550 B	ND(0.120)	NA
Nickel		NA	9.60	8.90	13.0	NA
Selenium		NA	1.30	0.900 B	0.600 B	NA
Silver		NA	ND(1.00)	0.260 B	0.360 B	NA
Sulfide		NA	11.0	12.0	ND(5.80)	NA
Tin		NA	2.80 B	4.10 B	2.90 B	NA
Vanadium		NA	7.20	8.10	7.00	NA
Zinc		NA	40.0	55.0	42.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-N-S2 0-1 03/01/04	RAA10-N-S7 1-6 03/03/04	RAA10-N-S7 3-4 03/03/04	RAA10-N-U2 1-6 03/01/04	RAA10-N-U2 4-6 03/01/04
Volatile Organics					
1,4-Dioxane	ND(0.13)	NA	ND(0.12)	NA	ND(0.11)
2-Butanone	ND(0.013)	NA	ND(0.012)	NA	ND(0.011)
Acetone	ND(0.025)	NA	ND(0.023)	NA	ND(0.022)
Benzene	ND(0.0063)	NA	ND(0.0058)	NA	ND(0.0056)
Toluene	ND(0.0063)	NA	ND(0.0058)	NA	ND(0.0056)
Xylenes (total)	ND(0.0063)	NA	ND(0.0058)	NA	ND(0.0056)
Semivolatile Organics					
2-Methylnaphthalene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Acenaphthylene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Aniline	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Anthracene	ND(0.97)	0.080 J	NA	ND(0.37)	NA
Benzo(a)anthracene	ND(0.97)	0.15 J	NA	ND(0.37)	NA
Benzo(a)pyrene	ND(0.97)	0.090 J	NA	ND(0.37)	NA
Benzo(b)fluoranthene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Benzo(g,h,i)perylene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Benzo(k)fluoranthene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	ND(0.48)	ND(0.40)	NA	ND(0.37)	NA
Chrysene	ND(0.97)	0.20 J	NA	ND(0.37)	NA
Dibenzo(a,h)anthracene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Dimethylphthalate	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Fluoranthene	ND(0.97)	0.30 J	NA	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	ND(0.97)	ND(0.40)	NA	ND(0.37)	NA
Phenanthrene	ND(0.97)	0.30 J	NA	ND(0.37)	NA
Pyrene	ND(0.97)	0.38 J	NA	ND(0.37)	NA
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.00000031)	ND(0.0000018)	NA	ND(0.000000092)	NA
TCDFs (total)	0.0000056 I	0.00034 I	NA	ND(0.000000092)	NA
1,2,3,7,8-PeCDF	ND(0.00000028)	ND(0.0000021)	NA	ND(0.000000088)	NA
2,3,4,7,8-PeCDF	ND(0.00000030)	ND(0.0000022)	NA	ND(0.000000092)	NA
PeCDFs (total)	0.000018 I	0.00069 I	NA	ND(0.000000092)	NA
1,2,3,4,7,8-HxCDF	ND(0.00000017)	ND(0.0000022)	NA	ND(0.000000048)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000017)	ND(0.0000021)	NA	ND(0.000000048)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000016)	ND(0.0000020)	NA	ND(0.000000040)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000015)	ND(0.0000020)	NA	ND(0.000000042)	NA
HxCDFs (total)	0.0000091 I	0.00040 I	NA	0.0000012 I	NA
1,2,3,4,6,7,8-HpCDF	0.0000024	ND(0.0000014)	NA	0.00000051	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000014)	ND(0.0000016)	NA	ND(0.000000040)	NA
HpCDFs (total)	0.0000026	ND(0.0000016)	NA	0.00000057	NA
OCDF	ND(0.0000036) X	ND(0.0000047)	NA	ND(0.000000082)	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-S2 0-1 03/01/04	RAA10-N-S7 1-6 03/03/04	RAA10-N-S7 3-4 03/03/04	RAA10-N-U2 1-6 03/01/04	RAA10-N-U2 4-6 03/01/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000015)	ND(0.00000063)	NA	ND(0.000000072)	NA
TCDDs (total)		ND(0.00000015)	ND(0.00000063)	NA	ND(0.000000072)	NA
1,2,3,7,8-PeCDD		ND(0.00000053)	ND(0.0000055)	NA	ND(0.00000018)	NA
PeCDDs (total)		ND(0.00000053)	ND(0.0000055)	NA	ND(0.00000018)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000021)	ND(0.0000021)	NA	ND(0.000000062)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000021)	ND(0.0000020)	NA	ND(0.000000062)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000019)	ND(0.0000019)	NA	ND(0.000000056)	NA
HxCDDs (total)		ND(0.00000021)	ND(0.0000021)	NA	ND(0.000000062)	NA
1,2,3,4,6,7,8-HpCDD		0.0000044	ND(0.0000023)	NA	ND(0.000000056)	NA
HpCDDs (total)		0.0000076	ND(0.0000023)	NA	ND(0.000000056)	NA
OCDD		0.000024	0.00015	NA	ND(0.000000072)	NA
Total TEQs (WHO TEFs)		0.00000057	0.0000045	NA	0.00000018	NA
Inorganics						
Antimony		ND(6.00)	ND(6.00)	NA	ND(6.00)	NA
Arsenic		3.00	2.30	NA	2.10	NA
Barium		22.0	19.0 B	NA	30.0	NA
Beryllium		0.230 B	0.130 B	NA	0.280 B	NA
Cadmium		0.220 B	0.210 B	NA	0.220 B	NA
Chromium		6.30	4.00	NA	5.30	NA
Cobalt		5.40	4.20 B	NA	5.50	NA
Copper		10.0	14.0	NA	9.80	NA
Cyanide		0.0910 B	0.210	NA	ND(0.220)	NA
Lead		9.10	11.0	NA	4.30	NA
Mercury		0.0140 B	0.280	NA	ND(0.110)	NA
Nickel		8.90	7.60	NA	8.60	NA
Selenium		0.750 B	0.970 B	NA	0.830 B	NA
Silver		ND(1.00)	ND(1.00)	NA	ND(1.00)	NA
Sulfide		30.0	19.0	NA	11.0	NA
Tin		4.00 B	3.00 B	NA	3.00 B	NA
Vanadium		8.80	11.0	NA	6.80	NA
Zinc		34.0	32.0	NA	26.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-N-U6 0-1 03/02/04	RAA10-N-W1 0-1 03/01/04	RAA10-N-W7 0-1 03/03/04	RAA10-W-F6 6-15 03/05/04	RAA10-W-F6 8-10 03/05/04
Volatile Organics					
1,4-Dioxane	ND(0.12)	ND(0.12)	ND(0.13)	NA	ND(0.11)
2-Butanone	ND(0.012)	ND(0.012)	ND(0.013)	NA	ND(0.011)
Acetone	ND(0.024)	ND(0.023)	ND(0.026)	NA	ND(0.022)
Benzene	ND(0.0061)	ND(0.0058)	ND(0.0066)	NA	ND(0.0055)
Toluene	ND(0.0061)	ND(0.0058)	ND(0.0066)	NA	ND(0.0055)
Xylenes (total)	ND(0.0061)	ND(0.0058)	ND(0.0066)	NA	ND(0.0055)
Semivolatile Organics					
2-Methylnaphthalene	ND(0.41)	ND(0.39)	ND(0.44)	ND(0.37)	NA
Acenaphthylene	ND(0.41)	0.21 J	ND(0.44)	ND(0.37)	NA
Aniline	ND(0.41)	ND(0.39)	ND(0.44)	ND(0.37)	NA
Anthracene	ND(0.41)	0.080 J	ND(0.44)	ND(0.37)	NA
Benzo(a)anthracene	0.28 J	0.27 J	0.11 J	ND(0.37)	NA
Benzo(a)pyrene	0.19 J	0.23 J	ND(0.44)	ND(0.37)	NA
Benzo(b)fluoranthene	0.17 J	0.22 J	ND(0.44)	ND(0.37)	NA
Benzo(g,h,i)perylene	0.13 J	ND(0.39)	ND(0.44)	ND(0.37)	NA
Benzo(k)fluoranthene	0.23 J	0.25 J	ND(0.44)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.38)	ND(0.44)	ND(0.36)	NA
Chrysene	0.37 J	0.34 J	0.12 J	ND(0.37)	NA
Dibenzo(a,h)anthracene	ND(0.41)	ND(0.39)	ND(0.44)	ND(0.37)	NA
Dimethylphthalate	ND(0.41)	ND(0.39)	ND(0.44)	ND(0.37)	NA
Fluoranthene	0.55	0.74	0.18 J	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	0.10 J	0.11 J	ND(0.44)	ND(0.37)	NA
Phenanthrene	0.10 J	0.22 J	ND(0.44)	ND(0.37)	NA
Pyrene	0.65	0.52	0.22 J	ND(0.37)	NA
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.00000072)	ND(0.00000055)	ND(0.00000086)	ND(0.00000040)	NA
TCDFs (total)	0.00016 I	0.00028 I	0.00022 I	0.000013 I	NA
1,2,3,7,8-PeCDF	ND(0.00000062)	0.0000023	ND(0.0000080) X	ND(0.00000039)	NA
2,3,4,7,8-PeCDF	ND(0.00000070)	ND(0.00000051)	0.0000023	ND(0.00000043)	NA
PeCDFs (total)	0.00027 I	0.00051 I	0.00039 I	0.000034 I	NA
1,2,3,4,7,8-HxCDF	ND(0.00000058)	ND(0.00000048)	0.0000046	ND(0.00000025)	NA
1,2,3,6,7,8-HxCDF	0.000019	ND(0.00000045)	0.0000036	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000024)	ND(0.00000036)	ND(0.0000056) X	ND(0.00000021)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000061)	ND(0.00000043)	0.0000020	0.0000020	NA
HxCDFs (total)	0.00016 I	0.00022 I	0.00022 I	0.0000074	NA
1,2,3,4,6,7,8-HpCDF	0.0000052	0.0000064	0.000010	ND(0.0000023) X	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000028)	ND(0.00000024)	ND(0.0000048) X	ND(0.00000018)	NA
HpCDFs (total)	0.0000065	0.0000072	0.000012	ND(0.00000018)	NA
OCDF	0.000019	0.0000071	0.000014	0.0000064	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-N-U6 0-1 03/02/04	RAA10-N-W1 0-1 03/01/04	RAA10-N-W7 0-1 03/03/04	RAA10-W-F6 6-15 03/05/04	RAA10-W-F6 8-10 03/05/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000029)	ND(0.00000014)	ND(0.00000040)	ND(0.00000038)	NA
TCDDs (total)		ND(0.00000029)	ND(0.00000014)	ND(0.00000040)	ND(0.00000038)	NA
1,2,3,7,8-PeCDD		ND(0.0000027)	ND(0.0000012)	ND(0.0000029)	ND(0.0000013)	NA
PeCDDs (total)		ND(0.0000027)	ND(0.0000012)	ND(0.0000029)	ND(0.0000013)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000076)	ND(0.00000021)	ND(0.00000070)	ND(0.00000041)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000075)	ND(0.00000022)	ND(0.00000067)	ND(0.00000040)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000068)	ND(0.00000020)	ND(0.0000022) X	ND(0.00000036)	NA
HxCDDs (total)		ND(0.00000076)	ND(0.00000022)	ND(0.00000070)	ND(0.00000041)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.0000097) X	0.0000055	ND(0.0000082) X	ND(0.0000022) X	NA
HpCDDs (total)		0.000012	0.000012	0.0000066	0.0000024	NA
OCDD		0.000096	0.000041	0.000028	0.000013	NA
Total TEQs (WHO TEFs)		0.0000039	0.0000012	0.0000047	0.0000013	NA
Inorganics						
Antimony		1.10 B	0.860 B	ND(6.00)	ND(6.00)	NA
Arsenic		2.40	6.40	4.00	2.60	NA
Barium		32.0	22.0	33.0	18.0 B	NA
Beryllium		0.230 B	0.300 B	0.200 B	0.190 B	NA
Cadmium		0.280 B	0.340 B	0.370 B	0.260 B	NA
Chromium		4.70	8.30	6.40	5.10	NA
Cobalt		6.40	7.40	6.30	5.20	NA
Copper		11.0	18.0	11.0	11.0	NA
Cyanide		0.140 B	0.120	0.0890 B	ND(0.220)	NA
Lead		7.50	320	20.0	3.90	NA
Mercury		ND(0.120)	0.0300 B	0.140	ND(0.110)	NA
Nickel		10.0	15.0	10.0	9.40	NA
Selenium		ND(1.00)	1.40	0.940 B	0.960 B	NA
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide		14.0	11.0	19.0	8.80	NA
Tin		3.80 B	13.0	3.30 B	2.30 B	NA
Vanadium		5.50	9.20	11.0	4.90 B	NA
Zinc		32.0	67.0	46.0	29.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-W-G4 0-1 03/05/04	RAA10-W-I2 0-1 03/05/04	RAA10-W-I2 1-6 03/05/04	RAA10-W-I2 4-6 03/05/04	RAA10-W-I2 6-15 03/05/04
Volatile Organics					
1,4-Dioxane	ND(0.12)	ND(0.11)	NA	ND(0.11)	NA
2-Butanone	ND(0.012)	ND(0.011)	NA	ND(0.011)	NA
Acetone	ND(0.023)	ND(0.022)	NA	ND(0.023)	NA
Benzene	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	NA
Toluene	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	NA
Xylenes (total)	ND(0.0058)	ND(0.0056)	NA	ND(0.0057)	NA
Semivolatile Organics					
2-Methylnaphthalene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Acenaphthylene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Aniline	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Anthracene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Benzo(a)anthracene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Benzo(a)pyrene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Benzo(b)fluoranthene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Benzo(g,h,i)perylene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Benzo(k)fluoranthene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.37)	ND(0.38)	NA	ND(0.38)
Chrysene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Dibenzo(a,h)anthracene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Dimethylphthalate	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Fluoranthene	ND(0.39)	0.12 J	ND(0.38)	NA	ND(0.38)
Indeno(1,2,3-cd)pyrene	ND(0.39)	ND(0.38)	ND(0.38)	NA	ND(0.38)
Phenanthrene	ND(0.39)	0.085 J	ND(0.38)	NA	ND(0.38)
Pyrene	ND(0.39)	0.15 J	ND(0.38)	NA	ND(0.38)
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	ND(0.00000035)	0.0000013 Y	ND(0.00000026)	NA	ND(0.00000022)
TCDFs (total)	0.000062 I	0.000080 I	ND(0.00000026)	NA	ND(0.00000022)
1,2,3,7,8-PeCDF	ND(0.00000030)	0.00000076	ND(0.00000023)	NA	ND(0.00000020)
2,3,4,7,8-PeCDF	0.0000020	0.0000030	ND(0.00000024)	NA	ND(0.00000021)
PeCDFs (total)	0.000096 I	0.00014 I	0.000027 I	NA	0.000023 I
1,2,3,4,7,8-HxCDF	0.00000056	ND(0.00000030)	ND(0.00000017)	NA	0.0000017
1,2,3,6,7,8-HxCDF	ND(0.00000023)	ND(0.00000030)	ND(0.00000016)	NA	0.0000014
1,2,3,7,8,9-HxCDF	ND(0.00000022)	ND(0.00000023)	ND(0.00000014)	NA	ND(0.0000012) X
2,3,4,6,7,8-HxCDF	ND(0.00000021)	0.0000020	ND(0.00000014)	NA	ND(0.0000010) X
HxCDFs (total)	0.000025 I	0.000046 I	ND(0.00000017)	NA	0.000015 I
1,2,3,4,6,7,8-HpCDF	0.0000016	0.0000035	ND(0.00000011)	NA	ND(0.0000018) X
1,2,3,4,7,8,9-HpCDF	ND(0.00000016)	ND(0.00000020)	ND(0.00000013)	NA	ND(0.0000015) X
HpCDFs (total)	0.0000018	0.0000084	ND(0.00000013)	NA	ND(0.00000011)
OCDF	ND(0.00000034)	0.0000058	ND(0.00000032)	NA	ND(0.0000033) X

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-W-G4 0-1 03/05/04	RAA10-W-I2 0-1 03/05/04	RAA10-W-I2 1-6 03/05/04	RAA10-W-I2 4-6 03/05/04	RAA10-W-I2 6-15 03/05/04
Dioxins						
2,3,7,8-TCDD		ND(0.00000030)	ND(0.00000022)	ND(0.00000013)	NA	ND(0.00000015)
TCDDs (total)		ND(0.00000030)	ND(0.00000022)	ND(0.00000013)	NA	ND(0.00000015)
1,2,3,7,8-PeCDD		ND(0.00000060)	ND(0.00000086)	ND(0.00000054)	NA	ND(0.00000049)
PeCDDs (total)		ND(0.00000060)	ND(0.00000086)	ND(0.00000054)	NA	ND(0.00000049)
1,2,3,4,7,8-HxCDD		ND(0.00000023)	ND(0.00000028)	ND(0.00000018)	NA	ND(0.00000015)
1,2,3,6,7,8-HxCDD		ND(0.00000023)	ND(0.00000028)	ND(0.00000018)	NA	ND(0.00000015)
1,2,3,7,8,9-HxCDD		ND(0.00000021)	ND(0.00000026)	ND(0.00000017)	NA	ND(0.0000010) X
HxCDDs (total)		ND(0.00000023)	ND(0.00000028)	ND(0.00000018)	NA	ND(0.00000015)
1,2,3,4,6,7,8-HpCDD		ND(0.00000024)	0.0000054	ND(0.00000023)	NA	0.0000018
HpCDDs (total)		0.0000021	0.000013	ND(0.00000023)	NA	0.0000035
OCDD		0.0000093	0.000034	0.0000054	NA	0.0000057
Total TEQs (WHO TEFs)		0.0000016	0.0000026	0.00000047	NA	0.00000091
Inorganics						
Antimony		0.860 B	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		4.50	5.60	4.10	NA	4.50
Barium		20.0	21.0	24.0	NA	38.0
Beryllium		0.220 B	0.150 B	0.310 B	NA	0.340 B
Cadmium		0.400 B	0.380 B	0.340 B	NA	0.370 B
Chromium		7.90	5.50	6.80	NA	6.30
Cobalt		7.00	7.00	7.60	NA	8.60
Copper		25.0	24.0	15.0	NA	14.0
Cyanide		0.0540 B	0.0930 B	0.0300 B	NA	ND(0.110)
Lead		6.40	44.0	7.20	NA	7.50
Mercury		ND(0.120)	ND(0.110)	0.00970 B	NA	ND(0.110)
Nickel		13.0	13.0	13.0	NA	14.0
Selenium		0.980 B	0.990 B	1.30	NA	1.00
Silver		ND(1.00)	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide		13.0	ND(5.60)	9.10	NA	7.40
Tin		3.40 B	2.80 B	2.60 B	NA	2.10 B
Vanadium		6.60	7.20	6.80	NA	6.70
Zinc		41.0	39.0	44.0	NA	48.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-W-I2 10-12 03/05/04	RAA10-W-I7 0-1 03/09/04	RAA10-W-I7 1-6 03/09/04	RAA10-W-I7 4-6 03/09/04	RAA10-W-J4 0-1 03/09/04
Volatile Organics					
1,4-Dioxane	ND(0.12)	ND(0.11)	NA	ND(0.11)	ND(0.11)
2-Butanone	ND(0.012)	ND(0.011)	NA	ND(0.011)	ND(0.011)
Acetone	ND(0.023)	ND(0.022)	NA	ND(0.022)	ND(0.022)
Benzene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	ND(0.0054)
Toluene	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	ND(0.0054)
Xylenes (total)	ND(0.0058)	ND(0.0054)	NA	ND(0.0055)	ND(0.0054)
Semivolatile Organics					
2-Methylnaphthalene	NA	ND(0.36)	ND(0.37)	NA	ND(0.36)
Acenaphthylene	NA	0.94	ND(0.37)	NA	ND(0.36)
Aniline	NA	ND(0.36)	ND(0.37)	NA	ND(0.36)
Anthracene	NA	0.44	ND(0.37)	NA	ND(0.36)
Benzo(a)anthracene	NA	0.99	ND(0.37)	NA	ND(0.36)
Benzo(a)pyrene	NA	0.91	ND(0.37)	NA	ND(0.36)
Benzo(b)fluoranthene	NA	0.82	ND(0.37)	NA	ND(0.36)
Benzo(g,h,i)perylene	NA	0.82	ND(0.37)	NA	ND(0.36)
Benzo(k)fluoranthene	NA	0.67	ND(0.37)	NA	ND(0.36)
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	ND(0.36)	NA	ND(0.36)
Chrysene	NA	1.2	ND(0.37)	NA	ND(0.36)
Dibenzo(a,h)anthracene	NA	0.23 J	ND(0.37)	NA	ND(0.36)
Dimethylphthalate	NA	ND(0.36)	ND(0.37)	NA	ND(0.36)
Fluoranthene	NA	1.2	ND(0.37)	NA	ND(0.36)
Indeno(1,2,3-cd)pyrene	NA	0.55	ND(0.37)	NA	ND(0.36)
Phenanthrene	NA	0.26 J	ND(0.37)	NA	ND(0.36)
Pyrene	NA	1.9	ND(0.37)	NA	ND(0.36)
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
Organophosphate Pesticides					
None Detected	NA	NA	NA	NA	NA
Herbicides					
None Detected	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	ND(0.00000024)	ND(0.00000028)	NA	ND(0.00000015)
TCDFs (total)	NA	0.00017 I	ND(0.00000028)	NA	0.0000029 I
1,2,3,7,8-PeCDF	NA	0.0000026	ND(0.00000025)	NA	ND(0.00000014)
2,3,4,7,8-PeCDF	NA	0.00011	ND(0.00000027)	NA	ND(0.00000015)
PeCDFs (total)	NA	0.00042 I	ND(0.00000027)	NA	ND(0.00000015)
1,2,3,4,7,8-HxCDF	NA	0.000012	ND(0.00000011)	NA	ND(0.00000010)
1,2,3,6,7,8-HxCDF	NA	0.000017	ND(0.00000010)	NA	ND(0.000000096)
1,2,3,7,8,9-HxCDF	NA	0.0000096	ND(0.00000017)	NA	ND(0.000000090)
2,3,4,6,7,8-HxCDF	NA	0.000016	ND(0.00000011)	NA	ND(0.000000092)
HxCDFs (total)	NA	0.00040 I	ND(0.00000017)	NA	ND(0.00000010)
1,2,3,4,6,7,8-HpCDF	NA	0.000026	ND(0.00000029)	NA	ND(0.000000082)
1,2,3,4,7,8,9-HpCDF	NA	0.0000048	ND(0.00000042)	NA	ND(0.000000096)
HpCDFs (total)	NA	0.000066	ND(0.00000042)	NA	ND(0.000000096)
OCDF	NA	0.0000064	ND(0.00000047)	NA	ND(0.00000029)

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-W-I2 10-12 03/05/04	RAA10-W-I7 0-1 03/09/04	RAA10-W-I7 1-6 03/09/04	RAA10-W-I7 4-6 03/09/04	RAA10-W-J4 0-1 03/09/04
Dioxins						
2,3,7,8-TCDD		NA	ND(0.000000091)	ND(0.00000030)	NA	ND(0.00000011)
TCDDs (total)		NA	ND(0.000000091)	ND(0.00000030)	NA	ND(0.00000011)
1,2,3,7,8-PeCDD		NA	0.0000047	ND(0.00000045)	NA	ND(0.00000034)
PeCDDs (total)		NA	0.000066	ND(0.00000045)	NA	ND(0.00000034)
1,2,3,4,7,8-HxCDD		NA	0.0000034	ND(0.00000016)	NA	ND(0.00000012)
1,2,3,6,7,8-HxCDD		NA	0.000031	ND(0.00000016)	NA	ND(0.00000012)
1,2,3,7,8,9-HxCDD		NA	0.000015	ND(0.00000017)	NA	ND(0.00000011)
HxCDDs (total)		NA	0.00022	ND(0.00000017)	NA	ND(0.00000012)
1,2,3,4,6,7,8-HpCDD		NA	0.000077	ND(0.00000022)	NA	ND(0.00000016)
HpCDDs (total)		NA	0.00016	ND(0.00000022)	NA	ND(0.00000016)
OCDD		NA	0.000032	ND(0.00000025)	NA	0.0000066
Total TEQs (WHO TEFs)		NA	0.000071	0.00000052	NA	0.00000031
Inorganics						
Antimony		NA	ND(6.00)	ND(6.00)	NA	ND(6.00)
Arsenic		NA	2.60	2.80	NA	5.40
Barium		NA	19.0 B	20.0	NA	14.0 B
Beryllium		NA	0.150 B	0.180 B	NA	0.120 B
Cadmium		NA	0.180 B	0.200 B	NA	0.190 B
Chromium		NA	4.90	5.40	NA	6.40
Cobalt		NA	5.50	5.70	NA	7.10
Copper		NA	11.0	11.0	NA	18.0
Cyanide		NA	ND(0.220)	ND(0.220)	NA	0.0310 B
Lead		NA	5.60	4.60	NA	5.80
Mercury		NA	ND(0.110)	ND(0.110)	NA	ND(0.110)
Nickel		NA	9.80	11.0	NA	11.0
Selenium		NA	ND(1.00)	0.870 B	NA	0.690 B
Silver		NA	ND(1.00)	ND(1.00)	NA	ND(1.00)
Sulfide		NA	6.90	8.80	NA	6.90
Tin		NA	2.50 B	2.60 B	NA	2.70 B
Vanadium		NA	5.30	5.10	NA	4.30 B
Zinc		NA	28.0	30.0	NA	28.0

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	RAA10-W-J4 1-6 03/09/04	RAA10-W-J4 3-4 03/09/04	RAA10-W-J4 6-15 03/09/04	RAA10-W-J4 12-14 03/09/04
Volatile Organics				
1,4-Dioxane	NA	ND(0.11)	NA	ND(0.11)
2-Butanone	NA	ND(0.011)	NA	ND(0.011)
Acetone	NA	ND(0.022)	NA	ND(0.022)
Benzene	NA	ND(0.0056)	NA	ND(0.0056)
Toluene	NA	ND(0.0056)	NA	ND(0.0056)
Xylenes (total)	NA	ND(0.0056)	NA	ND(0.0056)
Semivolatile Organics				
2-Methylnaphthalene	ND(0.37)	NA	ND(0.38)	NA
Acenaphthylene	ND(0.37)	NA	ND(0.38)	NA
Aniline	ND(0.37)	NA	ND(0.38)	NA
Anthracene	ND(0.37)	NA	ND(0.38)	NA
Benzo(a)anthracene	ND(0.37)	NA	ND(0.38)	NA
Benzo(a)pyrene	ND(0.37)	NA	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.37)	NA	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.37)	NA	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.37)	NA	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	NA	ND(0.37)	NA
Chrysene	ND(0.37)	NA	ND(0.38)	NA
Dibenzo(a,h)anthracene	ND(0.37)	NA	ND(0.38)	NA
Dimethylphthalate	ND(0.37)	NA	ND(0.38)	NA
Fluoranthene	ND(0.37)	NA	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	ND(0.37)	NA	ND(0.38)	NA
Phenanthrene	ND(0.37)	NA	ND(0.38)	NA
Pyrene	ND(0.37)	NA	ND(0.38)	NA
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.00000035)	NA	ND(0.00000026)	NA
TCDFs (total)	0.0000032 I	NA	ND(0.00000026)	NA
1,2,3,7,8-PeCDF	ND(0.00000040)	NA	ND(0.00000028)	NA
2,3,4,7,8-PeCDF	ND(0.00000046)	NA	ND(0.00000032)	NA
PeCDFs (total)	0.000019 I	NA	ND(0.00000032)	NA
1,2,3,4,7,8-HxCDF	ND(0.00000028)	NA	ND(0.00000018)	NA
1,2,3,6,7,8-HxCDF	ND(0.00000028)	NA	ND(0.00000017)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000024)	NA	ND(0.00000017)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000024)	NA	ND(0.00000018)	NA
HxCDFs (total)	0.000012 I	NA	0.0000058 I	NA
1,2,3,4,6,7,8-HpCDF	0.0000013	NA	ND(0.00000014)	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000023)	NA	ND(0.00000015)	NA
HpCDFs (total)	0.0000014	NA	ND(0.00000015)	NA
OCDF	ND(0.00000052)	NA	ND(0.00000035)	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-W-J4 1-6 03/09/04	RAA10-W-J4 3-4 03/09/04	RAA10-W-J4 6-15 03/09/04	RAA10-W-J4 12-14 03/09/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000036)	NA	ND(0.00000023)	NA
TCDDs (total)		ND(0.00000036)	NA	ND(0.00000023)	NA
1,2,3,7,8-PeCDD		ND(0.00000073)	NA	ND(0.00000058)	NA
PeCDDs (total)		ND(0.00000073)	NA	ND(0.00000058)	NA
1,2,3,4,7,8-HxCDD		ND(0.00000032)	NA	ND(0.00000023)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000033)	NA	ND(0.00000025)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000030)	NA	ND(0.00000023)	NA
HxCDDs (total)		ND(0.00000033)	NA	ND(0.00000025)	NA
1,2,3,4,6,7,8-HpCDD		ND(0.00000025)	NA	ND(0.00000022)	NA
HpCDDs (total)		ND(0.00000025)	NA	ND(0.00000022)	NA
OCDD		0.0000075	NA	ND(0.00000025)	NA
Total TEQs (WHO TEFs)		0.00000080	NA	0.00000058	NA
Inorganics					
Antimony		ND(6.00)	NA	ND(6.00)	NA
Arsenic		2.50	NA	1.90	NA
Barium		17.0 B	NA	13.0 B	NA
Beryllium		0.120 B	NA	0.0980 B	NA
Cadmium		0.200 B	NA	0.130 B	NA
Chromium		4.60	NA	4.00	NA
Cobalt		4.50 B	NA	4.10 B	NA
Copper		9.30	NA	8.40	NA
Cyanide		ND(0.560)	NA	ND(0.110)	NA
Lead		2.80	NA	2.90	NA
Mercury		ND(0.110)	NA	ND(0.110)	NA
Nickel		8.80	NA	7.80	NA
Selenium		0.660 B	NA	ND(1.00)	NA
Silver		ND(1.00)	NA	0.160 B	NA
Sulfide		4.8 B	NA	9.00	NA
Tin		2.40 B	NA	2.80 B	NA
Vanadium		4.30 B	NA	3.80 B	NA
Zinc		24.0	NA	22.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-W-K8 0-1 03/09/04	RAA10-W-K8 6-15 03/09/04	RAA10-W-K8 8-10 03/09/04	RAA10-W-M8 0-1 03/09/04
Volatile Organics					
1,4-Dioxane		ND(0.10) [ND(0.11)]	NA	ND(0.11)	ND(0.11)
2-Butanone		ND(0.010) [ND(0.011)]	NA	ND(0.011)	ND(0.011)
Acetone		ND(0.021) [ND(0.021)]	NA	ND(0.022)	ND(0.022)
Benzene		ND(0.0053) [ND(0.0053)]	NA	ND(0.0055)	ND(0.0056)
Toluene		ND(0.0053) [ND(0.0053)]	NA	ND(0.0055)	ND(0.0056)
Xylenes (total)		ND(0.0053) [ND(0.0053)]	NA	ND(0.0055)	ND(0.0056)
Semivolatile Organics					
2-Methylnaphthalene		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Acenaphthylene		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Aniline		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Anthracene		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Benzo(a)anthracene		ND(0.35) [0.22 J]	ND(0.36)	NA	0.16 J
Benzo(a)pyrene		ND(0.35) [0.15 J]	ND(0.36)	NA	0.10 J
Benzo(b)fluoranthene		ND(0.35) [0.13 J]	ND(0.36)	NA	0.099 J
Benzo(g,h,i)perylene		ND(0.35) [0.12 J]	ND(0.36)	NA	ND(0.37)
Benzo(k)fluoranthene		ND(0.35) [0.11 J]	ND(0.36)	NA	0.11 J
bis(2-Ethylhexyl)phthalate		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Chrysene		ND(0.35) [0.38]	ND(0.36)	NA	0.21 J
Dibenzo(a,h)anthracene		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Dimethylphthalate		ND(0.35) [ND(0.35)]	ND(0.36)	NA	ND(0.37)
Fluoranthene		ND(0.35) [0.34 J]	ND(0.36)	NA	0.39
Indeno(1,2,3-cd)pyrene		ND(0.35) [0.090 J]	ND(0.36)	NA	ND(0.37)
Phenanthrene		ND(0.35) [0.099 J]	ND(0.36)	NA	0.16 J
Pyrene		ND(0.35) [0.43]	ND(0.36)	NA	0.38
Organochlorine Pesticides					
4,4'-DDD		NA	NA	NA	NA
Organophosphate Pesticides					
None Detected		NA	NA	NA	NA
Herbicides					
None Detected		NA	NA	NA	NA
Furans					
2,3,7,8-TCDF		ND(0.00000086) [ND(0.00000018)]	ND(0.00000020)	NA	ND(0.00000034)
TCDFs (total)		ND(0.00000086) I [ND(0.00000018)]	0.0000027 I	NA	0.000040 I
1,2,3,7,8-PeCDF		ND(0.00000086) [ND(0.00000023)]	ND(0.00000022)	NA	ND(0.00000040)
2,3,4,7,8-PeCDF		ND(0.00000089) [ND(0.00000024)]	ND(0.00000025)	NA	ND(0.00000042)
PeCDFs (total)		ND(0.00000089) I [ND(0.00000024)]	ND(0.00000025)	NA	0.000063 I
1,2,3,4,7,8-HxCDF		ND(0.00000080) [ND(0.00000010)]	ND(0.00000014)	NA	ND(0.00000026)
1,2,3,6,7,8-HxCDF		ND(0.00000086) [ND(0.000000097)]	ND(0.00000015)	NA	ND(0.00000026)
1,2,3,7,8,9-HxCDF		ND(0.00000070) [ND(0.00000011)]	ND(0.00000013)	NA	ND(0.00000027)
2,3,4,6,7,8-HxCDF		ND(0.00000066) [ND(0.000000092)]	ND(0.00000013)	NA	ND(0.00000028)
HxCDFs (total)		ND(0.00000086) [ND(0.00000011)]	ND(0.00000015)	NA	0.000039 I
1,2,3,4,6,7,8-HpCDF		ND(0.00000064) [ND(0.00000011)]	ND(0.000000090)	NA	ND(0.00000020)
1,2,3,4,7,8,9-HpCDF		ND(0.00000082) [ND(0.00000017)]	ND(0.00000011)	NA	ND(0.00000027)
HpCDFs (total)		ND(0.00000082) [ND(0.00000017)]	ND(0.00000011)	NA	ND(0.00000027)
OCDF		ND(0.0000034) [ND(0.00000042)]	ND(0.00000024)	NA	ND(0.00000047)

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-W-K8 0-1 03/09/04	RAA10-W-K8 6-15 03/09/04	RAA10-W-K8 8-10 03/09/04	RAA10-W-M8 0-1 03/09/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000083) [ND(0.00000017)]	ND(0.00000022)	NA	ND(0.00000021)
TCDDs (total)		ND(0.00000083) [ND(0.00000017)]	ND(0.00000022)	NA	ND(0.00000021)
1,2,3,7,8-PeCDD		ND(0.0000018) [ND(0.00000032)]	ND(0.00000048)	NA	ND(0.00000074)
PeCDDs (total)		ND(0.0000018) [ND(0.00000032)]	ND(0.00000048)	NA	ND(0.00000074)
1,2,3,4,7,8-HxCDD		ND(0.0000010) [ND(0.00000012)]	ND(0.00000018)	NA	ND(0.00000028)
1,2,3,6,7,8-HxCDD		ND(0.0000011) [ND(0.00000012)]	ND(0.00000018)	NA	ND(0.00000027)
1,2,3,7,8,9-HxCDD		ND(0.0000010) [ND(0.00000014)]	ND(0.00000016)	NA	ND(0.00000025)
HxCDDs (total)		ND(0.0000011) [ND(0.00000014)]	ND(0.00000018)	NA	ND(0.00000028)
1,2,3,4,6,7,8-HpCDD		ND(0.0000014) [ND(0.00000014)]	ND(0.00000016)	NA	ND(0.00000025)
HpCDDs (total)		ND(0.0000014) [ND(0.00000014)]	ND(0.00000016)	NA	ND(0.00000025)
OCDD		ND(0.0000026) [0.0000038]	0.0000021	NA	ND(0.00000038)
Total TEQs (WHO TEFs)		0.0000019 [0.00000036]	0.00000048	NA	0.00000070
Inorganics					
Antimony		ND(6.00) [ND(6.00)]	ND(6.00)	NA	ND(6.00)
Arsenic		3.20 [3.90]	3.80	NA	3.30
Barium		26.0 [19.0 B]	23.0	NA	29.0
Beryllium		0.160 B [0.180 B]	0.180 B	NA	0.180 B
Cadmium		0.240 B [0.250 B]	0.200 B	NA	0.310 B
Chromium		4.30 [5.20]	5.40	NA	4.90
Cobalt		9.60 [5.80]	5.70	NA	5.90
Copper		12.0 [12.0]	11.0	NA	10.0
Cyanide		ND(0.100) [0.0190 B]	ND(0.540)	NA	0.0400 B
Lead		9.50 [6.20]	5.10	NA	8.50
Mercury		0.00800 B [ND(0.100)]	ND(0.110)	NA	ND(0.110)
Nickel		9.70 [11.0]	11.0	NA	9.60
Selenium		0.780 B [0.970 B]	0.770 B	NA	1.20
Silver		0.180 B [ND(1.00)]	ND(1.00)	NA	ND(1.00)
Sulfide		6.80 [6.80]	ND(5.40)	NA	7.10
Tin		2.50 B [2.60 B]	2.30 B	NA	2.80 B
Vanadium		6.10 [8.90]	5.20	NA	8.50
Zinc		31.0 [31.0]	30.0	NA	120

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: RAA10-W-M8 Sample Depth(Feet): 1-6 Date Collected: 03/09/04	Sample ID: RAA10-W-M8 Sample Depth(Feet): 4-6 Date Collected: 03/09/04	Sample ID: RAA10-W-M8 Sample Depth(Feet): 6-15 Date Collected: 03/09/04	Sample ID: RAA10-W-M8 Sample Depth(Feet): 8-10 Date Collected: 03/09/04
Volatile Organics				
1,4-Dioxane	NA	ND(0.10)	NA	0.061 J
2-Butanone	NA	ND(0.010)	NA	ND(0.012)
Acetone	NA	ND(0.021)	NA	ND(0.023)
Benzene	NA	ND(0.0053)	NA	ND(0.0058)
Toluene	NA	ND(0.0053)	NA	ND(0.0058)
Xylenes (total)	NA	ND(0.0053)	NA	ND(0.0058)
Semivolatile Organics				
2-Methylnaphthalene	ND(0.36)	NA	ND(0.38)	NA
Acenaphthylene	ND(0.36)	NA	ND(0.38)	NA
Aniline	ND(0.36)	NA	ND(0.38)	NA
Anthracene	ND(0.36)	NA	ND(0.38)	NA
Benzo(a)anthracene	ND(0.36)	NA	ND(0.38)	NA
Benzo(a)pyrene	ND(0.36)	NA	ND(0.38)	NA
Benzo(b)fluoranthene	ND(0.36)	NA	ND(0.38)	NA
Benzo(g,h,i)perylene	ND(0.36)	NA	ND(0.38)	NA
Benzo(k)fluoranthene	ND(0.36)	NA	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	ND(0.36)	NA	ND(0.38)	NA
Chrysene	ND(0.36)	NA	ND(0.38)	NA
Dibenzo(a,h)anthracene	ND(0.36)	NA	ND(0.38)	NA
Dimethylphthalate	ND(0.36)	NA	ND(0.38)	NA
Fluoranthene	ND(0.36)	NA	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene	ND(0.36)	NA	ND(0.38)	NA
Phenanthrene	ND(0.36)	NA	ND(0.38)	NA
Pyrene	ND(0.36)	NA	ND(0.38)	NA
Organochlorine Pesticides				
4,4'-DDD	NA	NA	NA	NA
Organophosphate Pesticides				
None Detected	NA	NA	NA	NA
Herbicides				
None Detected	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.00000031)	NA	ND(0.00000051)	NA
TCDFs (total)	0.000063 I	NA	0.00012 I	NA
1,2,3,7,8-PeCDF	ND(0.00000025)	NA	ND(0.00000051)	NA
2,3,4,7,8-PeCDF	ND(0.00000031)	NA	ND(0.00000052)	NA
PeCDFs (total)	0.00010 I	NA	0.00024 I	NA
1,2,3,4,7,8-HxCDF	0.0000017	NA	0.0000017	NA
1,2,3,6,7,8-HxCDF	0.0000086 I	NA	ND(0.00000046)	NA
1,2,3,7,8,9-HxCDF	0.0000030	NA	ND(0.00000047)	NA
2,3,4,6,7,8-HxCDF	0.0000028	NA	ND(0.00000043)	NA
HxCDFs (total)	0.000093 I	NA	0.00012 I	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000020)	NA	ND(0.00000022)	NA
1,2,3,4,7,8,9-HpCDF	0.0000035	NA	ND(0.00000026)	NA
HpCDFs (total)	0.0000027	NA	ND(0.00000026)	NA
OCDF	ND(0.00000032)	NA	0.0000046	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA10-W-M8 1-6 03/09/04	RAA10-W-M8 4-6 03/09/04	RAA10-W-M8 6-15 03/09/04	RAA10-W-M8 8-10 03/09/04
Dioxins					
2,3,7,8-TCDD		ND(0.00000030)	NA	ND(0.00000024)	NA
TCDDs (total)		ND(0.00000030)	NA	ND(0.00000024)	NA
1,2,3,7,8-PeCDD		ND(0.00000076)	NA	ND(0.0000010)	NA
PeCDDs (total)		ND(0.00000076)	NA	ND(0.0000010)	NA
1,2,3,4,7,8-HxCDD		0.0000019	NA	ND(0.00000033)	NA
1,2,3,6,7,8-HxCDD		ND(0.00000019)	NA	ND(0.00000032)	NA
1,2,3,7,8,9-HxCDD		ND(0.00000020)	NA	ND(0.00000029)	NA
HxCDDs (total)		0.0000018	NA	ND(0.00000033)	NA
1,2,3,4,6,7,8-HpCDD		0.0000024	NA	ND(0.00000027)	NA
HpCDDs (total)		0.0000025	NA	ND(0.00000027)	NA
OCDD		0.0000071	NA	0.000010	NA
Total TEQs (WHO TEFs)		0.0000025	NA	0.0000011	NA
Inorganics					
Antimony		ND(6.00)	NA	ND(6.00)	NA
Arsenic		2.90	NA	5.40	NA
Barium		19.0 B	NA	24.0	NA
Beryllium		0.160 B	NA	0.240 B	NA
Cadmium		0.180 B	NA	0.270 B	NA
Chromium		3.70	NA	8.00	NA
Cobalt		4.40 B	NA	7.60	NA
Copper		8.30	NA	15.0	NA
Cyanide		ND(0.220)	NA	ND(0.570)	NA
Lead		3.90	NA	6.40	NA
Mercury		ND(0.110)	NA	ND(0.110)	NA
Nickel		7.70	NA	14.0	NA
Selenium		ND(1.00)	NA	1.10	NA
Silver		ND(1.00)	NA	0.130 B	NA
Sulfide		ND(5.40)	NA	16.0	NA
Tin		2.10 B	NA	2.70 B	NA
Vanadium		3.80 B	NA	7.50	NA
Zinc		25.0	NA	42.0	NA

TABLE 7-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

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

Notes:

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

Data Qualifiers:

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

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

Inorganics

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

TABLE 7-4
DATA RECEIVED DURING MARCH 2004

GE PLASTICS BUILDING 118 WEATHERING LAB FLOOR SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in percent)

Parameter / Sample ID: / Date Collected:	GE-01 03/02/04	GE-01 MASTIC 03/02/04	GE-02 03/02/04	GE-02 MASTIC 03/02/04	GE-03 03/02/04	GE-04 03/02/04	GE-04 MASTIC 03/02/04	GE-05 03/02/04
Actinolite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Amosite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Anthophyllite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Cellulose	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chrysotile	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Crocidolite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Fibrous Glass	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Tremolite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Non Fibrous:	92	95	94	98	100	100	98	100
Other	8.0	5.0	6.0	2.0	ND(1.0)	ND(1.0)	2.0	ND(1.0)
Percent Total Asbestos	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Percent Total Other Material	100	100	100	100	100	100	100	100

TABLE 7-4
DATA RECEIVED DURING MARCH 2004

GE PLASTICS BUILDING 118 WEATHERING LAB FLOOR SAMPLING
UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in percent)

Parameter / Sample ID: / Date Collected:	GE-05 MASTIC 03/02/04	GE-06 03/02/04	GE-06 MASTIC 03/02/04	GE-07 03/02/04	GE-07 MASTIC 03/02/04
Actinolite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Amosite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Anthophyllite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Cellulose	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Chrysotile	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Crocidolite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Fibrous Glass	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Tremolite	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Non Fibrous:	97	100	99	97	99
Other	3.0	ND(1.0)	1.0	3.0	1.0
Percent Total Asbestos	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
Percent Total Other Material	100	100	100	100	100

Notes:

1. Samples were collected by ATC Associate Inc., and submitted to CT&E Environmental Services, Inc. for analysis of asbestos.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
MARCH 2004

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

a. Activities Undertaken/Completed

- Continued efforts to obtain access for sampling to Parcel I8-23-5 (owned by ExxonMobil).
- Completed additional sampling at Parcel I8-23-10.
- Sent follow-up letter to owner of Parcels I8-23-6, I9-5-1, and I9-5-2 requesting decision on EREs (March 26, 2004). That owner subsequently advised GE that he did not wish to execute EREs on his properties.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue efforts to obtain access for sampling to Parcel I8-23-5 (owned by ExxonMobil).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Access for sampling has not been granted to date by the owner of Parcel I8-23-5 (ExxonMobil).

f. Proposed/Approved Work Plan Modifications

None

TABLE 8-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2004

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-DUP-4 (RAA11-V11.5)	3/15/04	10-15	Soil	CT&E	PCB, SVOC, Inorganics	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-DUP-4 (RAA11-V11.5)	3/15/04	10-15	Soil	CT&E	PCDD/PCDF	3/31/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-DUP-5 (RAA11-V11.5)	3/15/04	10-12	Soil	CT&E	VOC	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	6-10	Soil	CT&E	PCB	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	10-15	Soil	CT&E	PCB, SVOC, Inorganics	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	10-15	Soil	CT&E	PCDD/PCDF	3/31/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	3-6	Soil	CT&E	PCB, SVOC, Inorganics	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	3-6	Soil	CT&E	PCDD/PCDF	3/31/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	0-1	Soil	CT&E	PCB, VOC, SVOC, Inorganics	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	0-1	Soil	CT&E	PCDD/PCDF	3/31/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	1-3	Soil	CT&E	PCB, VOC, SVOC, Inorganics	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	1-3	Soil	CT&E	PCDD/PCDF	3/31/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	10-12	Soil	CT&E	VOC	3/24/04
Additional Supplemental Pre-Design Soil Investigation Sampling	RAA11-V11.5	3/15/04	4-6	Soil	CT&E	VOC	3/24/04

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

TABLE 8-2
PCB DATA RECEIVED DURING MARCH 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
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
RAA11-V11.5	0-1	3/15/2004	ND(0.037)	ND(0.037)	0.050	0.050
	1-3	3/15/2004	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	3-6	3/15/2004	ND(0.037)	0.12	0.051	0.171
	6-10	3/15/2004	ND(0.040)	0.52	0.32	0.84
	10-15	3/15/2004	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	0.41 [0.47]	0.41 [0.47]

Notes:
1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to CT&E 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.

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-V11.5 0-1 03/15/04	RAA11-V11.5 1-3 03/15/04	RAA11-V11.5 3-6 03/15/04	RAA11-V11.5 4-6 03/15/04
Volatile Organics					
None Detected		--	--	NA	--
Semivolatile Organics					
2-Methylnaphthalene		ND(0.37)	ND(0.38)	ND(0.37)	NA
Acenaphthene		0.37 J	ND(0.38)	0.21 J	NA
Acenaphthylene		0.11 J	ND(0.38)	0.34 J	NA
Anthracene		ND(0.37)	ND(0.38)	0.43	NA
Benzo(a)anthracene		0.14 J	ND(0.38)	0.52	NA
Benzo(a)pyrene		0.11 J	ND(0.38)	0.20 J	NA
Benzo(b)fluoranthene		0.099 J	ND(0.38)	0.33 J	NA
Benzo(g,h,i)perylene		0.12 J	ND(0.38)	0.12 J	NA
Benzo(k)fluoranthene		0.10 J	ND(0.38)	0.28 J	NA
Chrysene		0.18 J	ND(0.38)	0.74	NA
Dibenzo(a,h)anthracene		ND(0.37)	ND(0.38)	ND(0.37)	NA
Dibenzofuran		ND(0.37)	ND(0.38)	0.10 J	NA
Fluoranthene		0.22 J	ND(0.38)	1.7	NA
Fluorene		ND(0.37)	ND(0.38)	0.21 J	NA
Indeno(1,2,3-cd)pyrene		0.082 J	ND(0.38)	0.11 J	NA
Naphthalene		ND(0.37)	ND(0.38)	ND(0.37)	NA
Phenanthrene		ND(0.37)	ND(0.38)	0.44	NA
Pyrene		0.26 J	ND(0.38)	1.5	NA
Furans					
2,3,7,8-TCDF		0.0000019 Y	0.00000061 Y	0.0000012 Y	NA
TCDFs (total)		0.000036 I	0.0000032	0.0000075 I	NA
1,2,3,7,8-PeCDF		0.0000035	0.0000016	0.0000025	NA
2,3,4,7,8-PeCDF		0.0000064	0.0000019	0.0000054	NA
PeCDFs (total)		0.000050 I	0.0000052	0.000022 I	NA
1,2,3,4,7,8-HxCDF		0.0000017	0.0000016	0.0000031	NA
1,2,3,6,7,8-HxCDF		0.0000021	0.0000013	0.0000031	NA
1,2,3,7,8,9-HxCDF		0.00000068	0.00000047	0.0000021	NA
2,3,4,6,7,8-HxCDF		0.0000016	0.0000012	0.0000046	NA
HxCDFs (total)		0.000041 I	0.0000076	0.000047 I	NA
1,2,3,4,6,7,8-HpCDF		0.0000050	0.0000077	0.0000062	NA
1,2,3,4,7,8,9-HpCDF		0.00000058	ND(0.000000083)	0.0000025	NA
HpCDFs (total)		0.000013	0.0000097	0.000013	NA
OCDF		0.0000062	0.0000023	0.0000066	NA
Dioxins					
2,3,7,8-TCDD		ND(0.000000049)	ND(0.000000092)	ND(0.00000010)	NA
TCDDs (total)		ND(0.000000049)	ND(0.000000092)	ND(0.00000010)	NA
1,2,3,7,8-PeCDD		ND(0.00000014)	ND(0.00000018)	ND(0.00000028)	NA
PeCDDs (total)		ND(0.00000014)	ND(0.00000018)	ND(0.00000028)	NA
1,2,3,4,7,8-HxCDD		ND(0.000000064)	ND(0.000000063)	0.0000022	NA
1,2,3,6,7,8-HxCDD		0.0000011	ND(0.000000060)	0.0000019	NA
1,2,3,7,8,9-HxCDD		0.00000049	ND(0.000000069)	0.0000022	NA
HxCDDs (total)		0.0000084	ND(0.000000069)	0.0000058	NA
1,2,3,4,6,7,8-HpCDD		0.000012	0.0000014	0.0000046	NA
HpCDDs (total)		0.000025	0.0000030	0.0000072	NA
OCDD		0.00010	0.0000062	0.000014	NA
Total TEQs (WHO TEFs)		0.0000046	0.0000018	0.0000052	NA

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-V11.5 0-1 03/15/04	RAA11-V11.5 1-3 03/15/04	RAA11-V11.5 3-6 03/15/04	RAA11-V11.5 4-6 03/15/04
Inorganics					
Antimony		1.20 B	1.90 B	1.80 B	NA
Arsenic		2.20	5.40	4.80	NA
Barium		22.0	32.0	22.0	NA
Beryllium		0.240 B	0.310 B	0.260 B	NA
Cadmium		0.420 B	0.460 B	0.510	NA
Chromium		4.30	7.20	5.30	NA
Cobalt		4.30 B	8.00	6.50	NA
Copper		12.0	16.0	13.0	NA
Cyanide		ND(0.560)	ND(0.570)	ND(0.560)	NA
Lead		36.0	11.0	15.0	NA
Mercury		0.0100 B	0.0130 B	ND(0.110)	NA
Nickel		6.80	13.0	10.0	NA
Silver		0.170 B	ND(1.00)	0.150 B	NA
Sulfide		8.90	11.0	8.90	NA
Tin		3.10 B	3.20 B	2.90 B	NA
Vanadium		7.20	6.70	4.60 B	NA
Zinc		28.0	46.0	82.0	NA

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: RAA11-V11.5 Sample Depth(Feet): 10-12 Date Collected: 03/15/04	Sample ID: RAA11-V11.5 Sample Depth(Feet): 10-15 Date Collected: 03/15/04
Volatile Organics		
None Detected	--	NA
Semivolatile Organics		
2-Methylnaphthalene	NA	0.45 [0.45]
Acenaphthene	NA	1.2 [1.5]
Acenaphthylene	NA	3.1 [3.8]
Anthracene	NA	4.4 [5.8]
Benzo(a)anthracene	NA	14 [14]
Benzo(a)pyrene	NA	5.5 [6.9]
Benzo(b)fluoranthene	NA	5.1 [5.6]
Benzo(g,h,i)perylene	NA	3.2 [4.0]
Benzo(k)fluoranthene	NA	5.0 [5.9]
Chrysene	NA	16 [16]
Dibenzo(a,h)anthracene	NA	0.99 [1.2]
Dibenzofuran	NA	0.74 [0.96]
Fluoranthene	NA	33 [33]
Fluorene	NA	3.5 [4.3]
Indeno(1,2,3-cd)pyrene	NA	2.7 [3.5]
Naphthalene	NA	0.50 [0.54]
Phenanthrene	NA	27 [27]
Pyrene	NA	34 [34]
Furans		
2,3,7,8-TCDF	NA	0.0000020 Y [0.0000092 Y]
TCDFs (total)	NA	0.000059 I [0.00016 I]
1,2,3,7,8-PeCDF	NA	0.0000041 [0.000010]
2,3,4,7,8-PeCDF	NA	0.000011 [0.000026]
PeCDFs (total)	NA	0.000077 I [0.00030 I]
1,2,3,4,7,8-HxCDF	NA	ND(0.0000051) X [0.000012]
1,2,3,6,7,8-HxCDF	NA	0.000010 [0.000023 I]
1,2,3,7,8,9-HxCDF	NA	0.0000045 [0.0000098]
2,3,4,6,7,8-HxCDF	NA	0.0000090 [0.000018]
HxCDFs (total)	NA	0.000084 I [0.00023 I]
1,2,3,4,6,7,8-HpCDF	NA	0.000013 [0.000035]
1,2,3,4,7,8,9-HpCDF	NA	0.0000063 [0.0000096]
HpCDFs (total)	NA	0.000032 [0.000049]
OCDF	NA	0.000018 [ND(0.000054) X]
Dioxins		
2,3,7,8-TCDD	NA	ND(0.00000047) [ND(0.00000034)]
TCDDs (total)	NA	ND(0.00000047) [ND(0.00000034)]
1,2,3,7,8-PeCDD	NA	ND(0.0000012) [ND(0.0000023)]
PeCDDs (total)	NA	ND(0.0000012) [ND(0.0000023)]
1,2,3,4,7,8-HxCDD	NA	0.0000048 [ND(0.00000075)]
1,2,3,6,7,8-HxCDD	NA	0.0000041 [ND(0.00000067)]
1,2,3,7,8,9-HxCDD	NA	0.0000060 [ND(0.00000069)]
HxCDDs (total)	NA	0.000016 [ND(0.00000075)]
1,2,3,4,6,7,8-HpCDD	NA	0.000014 [0.000044]
HpCDDs (total)	NA	0.000024 [0.000085]
OCDD	NA	0.000079 [0.00030]
Total TEQs (WHO TEFs)	NA	0.000011 [0.000023]

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Sample Depth(Feet): / Date Collected:	RAA11-V11.5 10-12 03/15/04	RAA11-V11.5 10-15 03/15/04
Inorganics		
Antimony	NA	1.20 B [0.870 B]
Arsenic	NA	4.40 [5.30]
Barium	NA	46.0 [50.0]
Beryllium	NA	0.180 B [0.170 B]
Cadmium	NA	0.530 [0.660]
Chromium	NA	5.40 [6.10]
Cobalt	NA	4.90 B [6.60]
Copper	NA	17.0 [22.0]
Cyanide	NA	0.0770 B [0.140 B]
Lead	NA	110 [160]
Mercury	NA	0.110 B [0.110 B]
Nickel	NA	8.40 [10.0]
Silver	NA	0.180 B [0.200 B]
Sulfide	NA	100 [83.0]
Tin	NA	5.00 B [3.90 B]
Vanadium	NA	5.00 B [5.30]
Zinc	NA	81.0 [84.0]

TABLE 8-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004

ADDITIONAL SUPPLEMENTAL PRE-DESIGN SOIL INVESTIGATION SAMPLING
FORMER OXBOW AREAS A AND C
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

ITEM 9
LYMAN STREET AREA
(GECD430)
MARCH 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 Conceptual RD/RA Work Plan (March 23, 2004).

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
MARCH 2004

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

a. Activities Undertaken/Completed

- Sent follow-up letters to attorney for owner of Parcel J9-23-13 (March 12, 2004) and to owner of Parcels J9-23-19, -20, and -21 (March 18, 2004) requesting access for remediation activities.

- Received fax from owner of Parcels J9-23-19, -20, and -21 listing items he wants GE to provide (March 25, 2004). GE requested owner to meet with GE and EPA on April 7, 2004 to discuss (March 30, 2004).

- Sent letter to attorney for owner of Parcel J9-23-13 to correct misstatements in his March 16, 2004 letter concerning items discussed on November 5, 2003 when he and his client met with GE and EPA (March 31, 2004).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit final executed ERE and associated documentation for Parcel J9-23-24 following further discussions with EPA and MDEP.

- Continue discussions regarding access for remediation with non-GE property owners from whom access permission has not been obtained to date.

- Discuss draft EREs for GE-owned properties with EPA and MDEP and work on obtaining subordination agreements for easements at those properties.

- Begin remaining remediation/restoration activities at Parcels J9-23-16, -17, and -18 in April, weather permitting.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE will continue discussions with remaining non-GE property owners regarding access for remediation.

ITEM 10
(cont'd)
NEWELL STREET AREA I
(GECD440)
MARCH 2004

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
MARCH 2004

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

a. Activities Undertaken/Completed

- Completed supplemental soil sampling in accordance with EPA's March 16, 2004 approval.
- Conducted miscellaneous oil sampling, as identified in Table 11-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted Supplemental Sampling Proposal (March 2, 2004).

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

Continue development of Conceptual RD/RA Work Plan (due in July 2004)..

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA approval of GE's March 2, 2004 Supplemental Sampling Proposal (March 16, 2004).

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2004

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Newell St. Trailer Sampling	78-NST-OIL-C1	3/29/04	NA	Oil	CT&E	PCB, VOC, SVOC, Total RCRA Metals, Flashpoint	
Supplemental RDRA Sampling	DUP-032404-1 (J9-23-8-SB-6)	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	DUP-032404-2 (RAA13-E92)	3/24/04	1-3	Soil	CT&E	Lead	
Supplemental RDRA Sampling	DUP-032404-3 (NS-29A)	3/24/04	10-15	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	J9-23-3-SB-3	3/25/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-3-SB-4	3/25/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-6-SB-2	3/24/04	1-3	Soil	CT&E	Lead	
Supplemental RDRA Sampling	J9-23-6-SB-2	3/24/04	0-1	Soil	CT&E	Lead, PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-6-SB-3	3/25/04	0-1	Soil	CT&E	Lead, PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-6-SB-3	3/25/04	1-3	Soil	CT&E	Lead, PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-6-SS-1	3/24/04	0-1	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-4	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-5	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-6	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-7	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-8	3/24/04	0-1	Soil	CT&E	Lead, PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-8	3/24/04	1-3	Soil	CT&E	Lead, PCDD/PCDF	
Supplemental RDRA Sampling	J9-23-8-SB-9	3/24/04	1-3	Soil	CT&E	PCDD/PCDF	
Supplemental RDRA Sampling	NS-29A	3/24/04	0-1	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	NS-29A	3/24/04	1-3	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	NS-29A	3/24/04	10-15	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	NS-29A	3/24/04	3-6	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	NS-29A	3/24/04	6-10	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	RAA13-1	3/25/04	6-10	Soil	CT&E	PCB	4/1/04
Supplemental RDRA Sampling	RAA13-E92	3/24/04	1-3	Soil	CT&E	Lead, PCDD/PCDF	

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

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
MARCH 2004

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

a. Activities Undertaken/Completed

- Sent follow-up letter to owner of Parcel K10-10-4 requesting decision regarding ERE for her property (March 19, 2004).

- Sent letter response to attorney for owner of Parcel K10-11-5 concerning paving of parking area prior to finalizing ERE (March 16, 2004).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Initiate supplemental soil sampling activities per EPA's March 29, 2004 conditional approval of GE's January 28, 2004 supplemental soil sampling proposal.

- Continue RD/RA evaluations.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As discussed in GE's January 28, 2004 submittal, property boundary research has determined that certain legal property boundaries may be different from those shown in that and previous submittals. In light of this, GE will discuss with EPA appropriate evaluation areas at this RAA.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of GE's January 28, 2004 preliminary RD/RA evaluation and supplemental soil sampling proposal (March 29, 2004).

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

None

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. 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)
MARCH 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 March 25, 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 Activities (next six weeks)

- Continue Housatonic River monthly water column monitoring.
- Continue surface water sampling to monitor construction activities in the 1½-Mile Reach.*

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 MARCH 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	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-4	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-6A	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-6A	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	

TABLE 14-2
SAMPLE DATA RECEIVED DURING MARCH 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	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.574	2.10	0.00090
LOCATION-6A	Pomeroy Ave. Bridge	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	2.03	20.2	0.0062

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. and/or Aquatec Biological Sciences, 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)
MARCH 2004

a. Activities Undertaken/Completed

- On March 25, 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); Woods Pond Headwaters (Location 10); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at all these locations on March 25, 2004 from downstream to upstream. 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).

- GE and its modeling consultants participated in a conference call with the EPA modeling team to discuss model development issues on March 18, 2004.

- GE received EPA's Responsiveness Summary to the Peer Review of the Human Health Risk Assessment.*

- GE met with representatives of the County Club of Pittsfield to discuss sampling data for sediments, surface water, and liquid from drums in Morewood Lake, which is located on the County Club's property adjacent to the Rest of River and is hydraulically connected to the Housatonic River. During a meeting on February 27, 2004, the Club provided to GE some sampling data previously collected by the MDEP (in May 2003) from Morewood Lake, as well as some sampling data collected by the Club from the Lake and reported by the Club to MDEP in an Interim Immediate Response Action (IRA) Status Report dated December 31, 2003. In a separate meeting on March 19, 2004, the Club provided to GE some additional data from Morewood Lake that were contained in a later Interim IRA Status Report to MDEP dated March 19, 2004. GE is providing all data from Morewood Lake that it received in both of these meetings in the attached Tables 15-3 through 15-10.

b. Sampling/Test Results

See attached tables.

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

c. Work Plans/Reports/Documents Submitted

- Submitted a letter to EPA dated March 1, 2004, providing a summary of the principal changes that GE believes should be made to Ecological Risk Assessment.*

- Submitted a letter to EPA dated March 24, 2004, providing the results of water quality sampling and analysis to evaluate PCB levels upstream of Newell Street Bridge.*

d. Upcoming Scheduled Activities (next six weeks)

- Continue Housatonic River monthly water column monitoring.

- Proceed with work on gate stem repairs at Rising Pond Dam as identified in the Structural Integrity Report submitted in June 2003 for that dam and based on the October 2003 gate stem inspection.* Discuss with owner of Rising Pond.

- Complete minor repair/maintenance activities at Woods Pond Dam as identified in the June 2003 Structural Integrity Report on that dam (weather dependent).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No specific issues (except as noted above).

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-1)	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	HR-D1 (Location-12)	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-1	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-1	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-10	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-12	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-12	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-13	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-13	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-2	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-2	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-7	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Monthly Water Column Sampling	Location-7	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-9	2/26/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	3/11/04
Monthly Water Column Sampling	Location-9	3/25/04	Water	NEA	PCB, TSS, POC, Chlorophyl-A	
Morewood Lake Sampling	AD85417	5/9/03	Water	Spectrum Analytical Inc.	PCB, VOC, TPH, RCRA Metals	2/27/04
Morewood Lake Sampling	AD86013	5/9/03	Sediment	Spectrum Analytical Inc.	PCB, TPH, RCRA Metals	2/27/04
Morewood Lake Sampling	AD86014	5/9/03	Sediment	Spectrum Analytical Inc.	PCB, TPH, RCRA Metals	2/27/04
Morewood Lake Sampling	AD86015	5/9/03	Sediment	Spectrum Analytical Inc.	PCB, TPH, RCRA Metals	2/27/04
Morewood Lake Sampling	AD86016	5/9/03	Sediment	Spectrum Analytical Inc.	PCB, TPH, RCRA Metals	2/27/04
Morewood Lake Sampling	AD86017	5/9/03	Sediment	Spectrum Analytical Inc.	PCB, TPH, RCRA Metals	2/27/04
Morewood Lake Sampling	AD86018	5/9/03	Sediment	Spectrum Analytical Inc.	PCB, TPH, RCRA Metals	2/27/04
Country Club of Pittsfield Sampling	03-Drum	11/13/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	04-Drum	11/13/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	05-Drum	11/13/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	06-Drum	11/14/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	08-Drum	11/13/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	14-Drum	11/13/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	15-Drum	11/13/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	16-Drum	11/14/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	17-Drum	11/12/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	21-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	22-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	23-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	24-Drum	11/12/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	25-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	26-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	27-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	28-Drum	11/6/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	29-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2004

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Country Club of Pittsfield Sampling	30-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	31-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	33-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	34-Drum	11/7/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	36-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	37-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	38-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	39-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	40-Drum	11/10/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	41-Drum	11/12/03	Liquid		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	01-Sed	10/29/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	02-Sed	10/29/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	03-Sed	10/29/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	03-Sed	11/13/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	04-Sed	11/13/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	05-Sed	11/13/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	06-Sed	11/13/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	08-Sed	11/13/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	14-Sed	11/13/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	15-Sed	11/12/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	16-Sed	11/14/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	17-Sed	11/12/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	21-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	22-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	23-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	24-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	25-Sed	11/7/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	26-Sed	11/7/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	27-Sed	11/7/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	28-Sed	11/6/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	29-32-Sed	11/7/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	33-Sed	11/7/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	34-Sed	11/7/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	36-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	37-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	38-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	39-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	40-Sed	11/10/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	41-Sed	11/12/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	IN	12/16/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	EFF	12/16/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2004

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
Country Club of Pittsfield Sampling	SEDW	12/16/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	SEDE	12/16/03	Sediment		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	IN	12/16/03	Water		PCB, VOC, TPH, RCRA Metals	3/19/04
Country Club of Pittsfield Sampling	EFF	12/16/03	Water		PCB, VOC, TPH, RCRA Metals	3/19/04

Notes:

1. Field duplicate sample locations are presented in parenthesis.

TABLE 15-2
SAMPLE DATA RECEIVED DURING MARCH 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	2/26/2004 2/26/2004	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.536 [0.474]	ND(1.00) [ND(1.00)]	0.00050 [0.00040]
LOCATION-2	Newell Street Bridge	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.448	1.30	0.00090
LOCATION-7	Holmes Rd. Bridge	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.333	1.30	0.00070
LOCATION-9	New Lenox Rd. Bridge	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.285	ND(1.00)	0.00070
LOCATION-10	Headwaters of Woods Pond	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.424	ND(1.00)	0.00060
LOCATION-12	Schweitzer Bridge	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.525	1.60	0.0020
LOCATION-13	Division St. Bridge	2/26/2004	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.338	ND(1.00)	0.0026

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to Northeast Analytical, Inc. and/or Aquatec Biological Sciences, 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.

TABLE 15-3
MDEP WATER DATA RECEIVED DURING MARCH 2004

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

Parameter / Lab Sample ID: / Date Collected:	AD85417 05/09/03
Volatile Organics	
None Detected	--
PCBs-Unfiltered	
None Detected	--
Petroleum Hydrocarbons	
None Detected	--
Inorganics-Unfiltered	
Barium	0.0175

Notes:
1. Samples were collected by ECSMARIN on behalf of the Massachusetts Department of Environmental Protection (MDEP), and submitted to Spectrum Analytical, Inc. for analysis of VOCs, PCBs, Petroleum Hydrocarbons and RCRA metals.
2. Only detected constituents are sumarized.
3. -- - Indicates that the results for all analytes of the parameter group are non-detect.

TABLE 15-4
MDEP SEDIMENT DATA RECEIVED DURING MARCH 2004

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

Parameter / Lab Sample ID: / Date Collected:	AD86013 05/09/03	AD86014 05/09/03	AD86015 05/09/03	AD86016 05/09/03	AD86017 05/09/03	AD86018 05/09/03
PCBs						
Aroclor-1260	ND(0.042)	ND(0.048)	0.17	ND(0.048)	ND(0.10)	0.44
Total PCBs	ND(0.042)	ND(0.048)	0.17	ND(0.048)	ND(0.10)	0.44
Petroleum Hydrocarbons						
Unidentified	ND(60)	ND(30)	48	ND(40)	82	72
Other Oil	ND(60)	ND(30)	*	ND(40)	*	*
Total Hydrocarbons (GC)	ND(60)	ND(30)	48	ND(40)	82	72
Inorganics						
Arsenic	ND(4.61)	ND(2.97)	ND(2.82)	ND(2.97)	ND(6.24)	2.87
Barium	9.47	9.24	10.8	4.16	9.02	10.3
Chromium	4.44	15.9	4.5	1.02	2.47	2.73
Lead	7.12	78.6	24.8	1.76	12.5	33.2

Notes:

1. Samples were collected by ECSMARIN on behalf of the Massachusetts Department of Environmental Protection (MDEP), and submitted to Spectrum Analytical, Inc. for analysis of PCBs, Petroleum Hydrocarbons and RCRA metals.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Only those constituents detected in one or more samples are sumarized.
4. * - Definition of flag not provided.

TABLE 15-5
MOREWOOD LAKE DRUM LIQUID SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	03-Drum 11/13/03	04-Drum 11/13/03	05-Drum 11/13/03	06-Drum 11/14/03	08-Drum 11/13/03	14-Drum 11/13/03	15-Drum 11/13/03	16-Drum 11/14/03	21-Drum 11/10/03	22-Drum 11/10/03	23-Drum 11/10/03	24-Drum 11/12/03	25-Drum 11/07/03	26-Drum 11/07/03
Volatile Organics														
Methyl-t-butyl ether (MtBE)	0.00370	0.00391	ND	ND	0.00738	ND	ND	0.00443	ND	ND	ND	ND	ND	ND
Toluene	0.00115	ND	ND	0.00473	0.00288	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	ND	0.00158	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00111	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	0.00146	0.00144	ND	ND	ND	ND	ND	0.00130	ND	ND	ND
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00167	ND	ND	ND
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00136	ND	ND	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00187	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00259	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00355	ND	ND	ND
PCBs-Unfiltered														
Total PCBs	0.000195	0.000157	0.000199	0.000233	0.000146	0.000203	0.0000960	0.000237	0.000151	0.000514	0.000162	0.00362	0.000307	0.000377
Petroleum Hydrocarbons														
Total TPH	ND	ND	ND	ND	ND	ND	3.68	ND	ND	ND	0.717	0.581	ND	ND
Inorganics-Unfiltered														
Arsenic	ND	0.0702	0.0136	0.0231	0.00810	0.0216	0.0163	ND	0.00830	0.107	0.0594	0.156	ND	0.0199
Barium	ND	0.132	0.0965	0.131	ND	0.0662	0.0686	0.0546	0.0240	0.182	0.172	1.20	0.0331	0.0990
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	0.00670	0.157	ND	ND	ND	ND
Chromium	0.0365	0.0500	0.0173	0.0179	ND	0.00460	ND	0.00890	0.0134	0.0473	0.0307	0.488	0.00260	0.00260
Lead	0.360	0.0755	0.111	0.232	ND	ND	ND	0.0711	ND	0.477	ND	2.54	ND	0.0226
Mercury	0.000820	0.000410	0.000440	0.000620	ND	ND	ND	0.000560	ND	0.00110	0.000600	0.00661	ND	ND
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00560	ND	ND	ND

TABLE 15-5
MOREWOOD LAKE DRUM LIQUID SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	27-Drum 11/07/03	28-Drum 11/06/03	29-Drum 11/07/03	30-Drum 11/07/03	31-Drum 11/07/03	33-Drum 11/07/03	34-Drum 11/07/03	36-Drum 11/10/03	37-Drum 11/10/03	38-Drum 11/10/03	39-Drum 11/10/03	40-Drum 11/10/03	41-Drum 11/12/03
Volatile Organics													
Methyl-t-butyl ether (MtBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	0.0300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00100
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	0.00196	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs-Unfiltered													
Total PCBs	0.000282	0.000302	0.000316	0.000229	0.000390	0.000162	0.000385	0.000147	0.0000920	0.000152	0.000139	0.000244	0.00291
Petroleum Hydrocarbons													
Total TPH	ND	ND	ND	0.813	ND	ND	ND	ND	ND	ND	ND	ND	0.61
Inorganics-Unfiltered													
Arsenic	0.117	ND	0.172	0.0241	0.096	0.00800	0.166	0.00720	0.00980	0.0372	0.0279	0.0336	0.0380
Barium	0.687	2.25	0.776	0.103	0.490	0.0387	0.910	0.0486	0.0161	0.0521	0.134	0.177	0.234
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	0.0452	0.503	0.0315	0.00540	0.112	0.00810	0.0442	ND	0.0144	0.0459	0.0284	0.0207	0.0618
Lead	0.736	0.888	2.89	0.00900	0.703	0.143	0.338	ND	ND	0.0130	0.134	0.0718	0.257
Mercury	0.000410	0.00296	0.000650	ND	ND	ND	0.00112	ND	ND	ND	ND	0.000470	0.00122
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Samples were collected by ECOGENESIS on behalf of the Country Club of Pittsfield and submitted for analysis of VOCs, PCBs, TPH and RCRA metals.
2. ND - Analyte was not detected. Detection limits not provided.
3. Only those constituents detected in one or more samples are sumarized.

TABLE 15-6
MOREWOOD LAKE DRUM SEDIMENT SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	17-Drum 11/12/03
Volatile Organics	
None Detected	--
PCBs	
Total PCBs	0.0805
Petroleum Hydrocarbons	
Total TPH	185
Inorganics	
Barium	6.50
Chromium	1.64
Lead	4.91

Notes:
1. Samples were collected by ECOGENESIS on behalf of the Country Club of Pittsfield and submitted for analysis of VOCs, PCBs, TPH and RCRA metals.
2. Only detected constituents are sumarized.
3. -- - Indicates that the results for all analytes of the parameter group are non-detect.

TABLE 15-7
MOREWOOD LAKE SEDIMENT UNDER DRUMS SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	03-Sed 11/13/03	04-Sed 11/13/03	05-Sed 11/13/03	06-Sed 11/13/03	08-Sed 11/13/03	14-Sed 11/13/03	15-Sed 11/12/03	16-Sed 11/14/03	17-Sed 11/12/03	21-Sed 11/10/03	22-Sed 11/10/03	23-Sed 11/10/03	24-Sed 11/10/03	25-Sed 11/07/03
Volatile Organics														
None Detected	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCBs														
Total PCBs	0.180	0.171	0.605	0.752	0.349	0.246	0.0984	0.249	0.568	0.296	0.0497	0.122	0.970	ND
Petroleum Hydrocarbons														
Total TPH	ND	ND	ND	ND	ND	220	244	ND	ND	ND	ND	ND	ND	ND
Inorganics														
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	2.57	2.00	3.56	1.75	8.72	1.42	9.53	5.65	3.51	14.1	8.85	11.3	4.02	9.95
Chromium	1.10	ND	1.47	0.914	3.99	0.953	2.78	2.24	1.58	8.35	9.54	5.99	1.96	7.66
Lead	ND	ND	10.9	ND	11.4	ND	9.81	8.34	ND	19.4	6.32	4.96	ND	ND
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 15-7
MOREWOOD LAKE SEDIMENT UNDER DRUMS SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	26-Sed 11/07/03	27-Sed 11/07/03	28-Sed 11/06/03	29-32-Sed 11/07/03	33-Sed 11/07/03	34-Sed 11/07/03	36-Sed 11/10/03	37-Sed 11/10/03	38-Sed 11/10/03	39-Sed 11/10/03	40-Sed 11/10/03	41-Sed 11/12/03
Volatile Organics												
None Detected	--	--	--	--	--	--	--	--	--	--	--	--
PCBs												
Total PCBs	0.140	0.0381	ND	ND	ND	0.155	0.0874	0.119	0.102	0.608	0.0260	0.142
Petroleum Hydrocarbons												
Total TPH	ND	190	ND	ND	ND	ND	ND	ND	ND	415	137	436
Inorganics												
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.69	ND
Barium	11.4	7.15	2.25	2.75	2.25	2.39	22.6	2.05	3.09	30.7	32.3	39.7
Chromium	6.26	2.54	0.503	ND	1.22	ND	10.4	ND	1.40	11.0	5.83	16.1
Lead	8.29	ND	0.888	ND	ND	1.98	ND	ND	ND	19.6	8.83	23.5
Mercury	ND	ND	0.00296	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Samples were collected by ECOGENESIS on behalf of the Country Club of Pittsfield and submitted for analysis of VOCs, PCBs, TPH and RCRA metals.
2. ND - Analyte was not detected. Detection limits not provided.
3. Only those constituents detected in one or more samples are sumarized.
4. -- - Indicates that the results for all analytes of the parameter group are non-detect.

TABLE 15-8
MOREWOOD LAKE BACKGROUND LAKE SEDIMENT SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Location: / Date Collected:	IN Influent 12/16/03	EFF Effluent 12/16/03	SEDW West 12/16/03	SEDE East 12/16/03
Volatile Organics				
None Detected	--	--	--	--
PCBs				
Total PCBs	ND	0.0760	0.124	0.0890
Petroleum Hydrocarbons				
Total TPH	843	1250	1640	248
Inorganics				
Barium	43.6	24.3	43.2	19.1
Cadmium	ND	1.40	ND	ND
Chromium	14.2	32.3	14.8	3.96
Lead	72.2	146	174	21.5
Mercury	0.792	ND	ND	ND

Notes:
1. Samples were collected by ECOGENESIS on behalf of the Country Club of Pittsfield and submitted for analysis of VOCs, PCBs, TPH and RCRA metals.
2. ND - Analyte was not detected. Detection limits not provided.
3. Only those constituents detected in one or more samples are sumarized.
4. -- - Indicates that the results for all analytes of the parameter group are non-detect.

TABLE 15-9
MOREWOOD LAKE BEACH SEDIMENT SAMPLE DATA RECEIVED DURING MARCH 2004

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

Parameter	Sample ID: / Location: / Date Collected:	01-Sed Beach 10/29/03	02-Sed Beach 10/29/03	03-Sed Beach 10/29/03
Volatile Organics				
None Detected		--	--	--
PCBs				
Total PCBs		ND	ND	ND
Petroleum Hydrocarbons				
Total TPH		409	331	305
Inorganics				
Barium		18.2	35.3	21.4
Chromium		2.78	4.74	4.49
Lead		3.84	4.44	5.55

Notes:
1. Samples were collected by ECOGENESIS on behalf of the Country Club of Pittsfield and submitted for analysis of VOCs, PCBs, TPH and RCRA metals.
2. ND - Analyte was not detected. Detection limits not provided.
3. Only those constituents detected in one or more samples are sumarized.
4. -- - Indicates that the results for all analytes of the parameter group are non-detect.

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

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

a. Activities Undertaken/Completed

- Continued efforts to obtain signed access agreements from three Phase 3 property owners.
- Initiated sampling activities at Phase 3 properties where GE has owner access permission (see Table 16&17-1).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled Activities (next six weeks)

- Continue efforts to obtain access from the three remaining property owners in Phase 3 for pre-design soil investigations.
- Continue pre-design investigations at Phase 3 properties in accordance with EPA's March 15, 2004 approval.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Owners of Parcels I7-2-46, I7-3-10, and I7-3-11 have not signed access agreements to allow sampling at their properties.
- 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 EPA conditional approval of GE's January 8, 2004 Pre-Design Investigation Work Plan Addendum for Phase 3 Properties (March 15, 2004).

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-DUP-1 (3D-SB-5)	03/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-DUP-2 (3D-SB-9)	03/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-DUP-3 (3D-SB-21)	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-DUP-4 (3D-SS-19)	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-10	03/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-10	03/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-10	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-10	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-10	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-10	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-11	03/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-11	03/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-11	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-11	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-11	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-11	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-12	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-12	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-12	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-12	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-13	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-13	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-13	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-13	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-14	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-14	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-14	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-14	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-15	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-15	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-15	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-15	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-15	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-15	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-16	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-16	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-16	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-16	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-16	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-16	03/30/04	8-10	Soil	CT&E	PCB	On Hold

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-SB-17	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-17	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-17	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-17	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-17	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-17	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-18	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-18	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-18	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-18	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-18	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-18	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-19	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-19	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-19	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-19	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-19	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-19	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-20	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-20	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-20	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-20	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-20	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-20	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-21	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-21	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-21	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-21	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-22	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-22	03/30/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-22	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-22	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-22	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-22	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-23	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-23	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-23	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-23	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-24	03/30/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-24	03/30/04	1-2	Soil	CT&E	PCB	

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-SB-24	03/30/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-24	03/30/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-24	03/30/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-24	03/30/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-5	03/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-5	03/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-5	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-5	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-5	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-5	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-6	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-6	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-6	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-6	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-7	03/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-7	03/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-7	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-7	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-7	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-7	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-8	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-8	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-8	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-8	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-9	03/29/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-9	03/29/04	1-2	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-9	03/29/04	2-4	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-9	03/29/04	4-6	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SB-9	03/29/04	6-8	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SB-9	03/29/04	8-10	Soil	CT&E	PCB	On Hold
Residential Properties Soil Sampling	3D-SS-10	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-11	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-12	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-13	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-14	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-15	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-16	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-17	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-18	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-19	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-20	03/31/04	0-1	Soil	CT&E	PCB	

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 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-SS-6	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-7	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-8	03/31/04	0-1	Soil	CT&E	PCB	
Residential Properties Soil Sampling	3D-SS-9	03/31/04	0-1	Soil	CT&E	PCB	

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

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
MARCH 2004

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

d. Upcoming Scheduled 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 March 26, 2002). (Based on discussions with EPA, it appears that this pre-design sampling may be deferred for some period of time.)*

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MARCH 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

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted proposal for additional pre-design soil sampling (March 11, 2004).

d. Upcoming Scheduled Activities (next six weeks)

- Continue water-level monitoring for wells and lake piezometers.
- Obtain soil samples from two locations at Parcel I9-9-24 that were previously inaccessible.
- Conduct supplemental pre-design soil sampling per EPA's March 30, 2004 conditional approval of GE's March 11, 2004 proposal for additional pre-design soil sampling

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As noted in GE's Pre-Design Investigation Report for Silver Lake Sediments, GE will discuss with EPA a pilot study for capping of Silver Lake sediments.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of GE's March 11, 2004 proposal for additional pre-design soil sampling (March 30, 2004).

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2004

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received
Supplemental Soil Sampling	I9-9-19-SB-1	2/17/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Supplemental Soil Sampling	I9-9-19-SB-1	2/17/04	3-5	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Supplemental Soil Sampling	I9-9-19-SB-2	2/17/04	0-1	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Supplemental Soil Sampling	I9-9-19-SB-2	2/17/04	1-3	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04
Supplemental Soil Sampling	I9-9-21-SB-6	2/19/04	10-15	Soil	CT&E	PCB	3/5/04
Supplemental Soil Sampling	I9-9-21-SB-7	2/19/04	10-15	Soil	CT&E	PCB	3/5/04
Supplemental Soil Sampling	I9-9-21-SB-9	2/19/04	10-15	Soil	CT&E	PCB	3/5/04
Supplemental Soil Sampling	I9-9-32-SB-2	2/13/04	1-3	Soil	CT&E	SVOC	3/2/04
Supplemental Soil Sampling	SL-DUP-26 (I9-9-19-SB-2)	2/17/04	1-3	Soil	CT&E	VOC, SVOC, Inorganics, PCDD/PCDF	3/9/04

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

TABLE 20-2
PCB DATA RECEIVED DURING MARCH 2004

SUPPLEMENTAL SOIL SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
I9-9-21-SB-6	10-15	2/19/2004	ND(1.0)	15	5.5	20.5
I9-9-21-SB-7	10-15	2/19/2004	ND(0.24)	ND(0.24)	4.8	4.8
I9-9-21-SB-9	10-15	2/19/2004	ND(0.054)	0.056	ND(0.054)	0.056

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

TABLE 20-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004 2004

SUPPLEMENTAL SOIL SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID: / Sample Depth(Feet): / Parameter / Date Collected:	I9-9-19-SB-1 0-1 02/17/04	I9-9-19-SB-1 3-5 02/17/04	I9-9-19-SB-2 0-1 02/17/04
Volatile Organics			
Acetone	ND(0.032)	0.011 J	ND(0.033)
Semivolatile Organics			
Acenaphthene	ND(0.53)	0.21 J	ND(0.54)
Acenaphthylene	0.25 J	0.69	0.11 J
Aniline	ND(0.53)	ND(0.43)	0.20 J
Anthracene	0.18 J	1.0	0.13 J
Benzo(a)anthracene	0.32 J	1.7	0.41 J
Benzo(a)pyrene	0.31 J	1.4	0.36 J
Benzo(b)fluoranthene	0.21 J	0.84	0.29 J
Benzo(g,h,i)perylene	0.27 J	0.69	0.24 J
Benzo(k)fluoranthene	0.25 J	1.2	0.35 J
Chrysene	0.37 J	1.6	0.46 J
Dibenzo(a,h)anthracene	ND(0.53)	0.24 J	ND(0.54)
Dibenzofuran	ND(0.53)	0.32 J	ND(0.54)
Fluoranthene	0.74	4.5	0.92
Fluorene	ND(0.53)	0.52	ND(0.54)
Indeno(1,2,3-cd)pyrene	0.16 J	0.68	0.19 J
Naphthalene	0.18 J	0.21 J	ND(0.54)
Phenanthrene	0.57	3.7	0.55
Phenol	ND(0.53)	ND(0.43)	ND(0.54)
Pyrene	0.60	3.1	0.86
Furans			
2,3,7,8-TCDF	0.000068 Y	ND(0.00000054)	0.000057 Y
TCDFs (total)	0.0052 I	0.000024 I	0.0029 I
1,2,3,7,8-PeCDF	0.000033	ND(0.00000057)	0.000018
2,3,4,7,8-PeCDF	0.000066	ND(0.00000058)	0.000044
PeCDFs (total)	0.0064 I	0.000020 I	0.0030 I
1,2,3,4,7,8-HxCDF	0.000039	ND(0.00000034)	0.000026
1,2,3,6,7,8-HxCDF	0.00030 I	ND(0.00000033)	0.0000093
1,2,3,7,8,9-HxCDF	0.000011	ND(0.00000018)	0.0000049
2,3,4,6,7,8-HxCDF	0.000020	ND(0.00000031)	0.000010
HxCDFs (total)	0.0023 I	0.0000059 I	0.00086 I
1,2,3,4,6,7,8-HpCDF	0.000062	0.0000021	0.000054
1,2,3,4,7,8,9-HpCDF	ND(0.000011) X	ND(0.00000026)	0.0000060
HpCDFs (total)	0.00014 I	0.0000024	0.00012 I
OCDF	0.000056	ND(0.00000061)	0.000057
Dioxins			
2,3,7,8-TCDD	ND(0.00000082)	ND(0.00000041)	ND(0.00000044)
TCDDs (total)	ND(0.00000082)	ND(0.00000041)	0.0000049
1,2,3,7,8-PeCDD	ND(0.0000060)	ND(0.0000013)	ND(0.0000037)
PeCDDs (total)	ND(0.0000060)	ND(0.0000013)	ND(0.0000037)
1,2,3,4,7,8-HxCDD	ND(0.0000016)	ND(0.00000054)	ND(0.0000011)
1,2,3,6,7,8-HxCDD	ND(0.0000015)	ND(0.00000049)	ND(0.0000012)
1,2,3,7,8,9-HxCDD	ND(0.0000013)	ND(0.00000045)	0.0000048
HxCDDs (total)	ND(0.0000016)	ND(0.00000054)	0.0000054
1,2,3,4,6,7,8-HpCDD	0.000041	ND(0.00000040)	0.000076
HpCDDs (total)	0.000084	ND(0.00000040)	0.00014
OCDD	0.00022	ND(0.00000042)	0.00046
Total TEQs (WHO TEFs)	0.000083	0.0000012	0.000038

TABLE 20-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004 2004

SUPPLEMENTAL SOIL SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-9-19-SB-1 0-1 02/17/04	I9-9-19-SB-1 3-5 02/17/04	I9-9-19-SB-2 0-1 02/17/04
Inorganics				
Antimony		1.40 B	1.60 B	1.90 B
Arsenic		9.10	10.0	12.0
Barium		110	44.0	300
Beryllium		0.540	0.260 B	0.390 B
Cadmium		1.40	0.920	1.60
Chromium		14.0	11.0	20.0
Cobalt		9.20	11.0	10.0
Copper		92.0	40.0	130
Cyanide		0.380	0.130	0.280
Lead		350	84.0	760
Mercury		0.880	1.30	0.700
Nickel		21.0	22.0	26.0
Selenium		2.40	7.20	3.70
Silver		0.350 B	ND(1.00)	0.540 B
Sulfide		18.0	100	18.0
Tin		21.0	52.0	100
Vanadium		20.0	12.0	26.0
Zinc		300	160	540

TABLE 20-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004 2004

SUPPLEMENTAL SOIL SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-9-19-SB-2 / 1-3 / 02/17/04	I9-9-32-SB-2 / 1-3 / 02/13/04
Volatile Organics			
Acetone		ND(0.032) [0.0095 J]	NA
Semivolatile Organics			
Acenaphthene		ND(0.53) [ND(0.49)]	ND(0.53)
Acenaphthylene		ND(0.53) [ND(0.49)]	ND(0.53)
Aniline		ND(0.53) [ND(0.49)]	ND(0.53)
Anthracene		ND(0.53) [ND(0.49)]	0.12 J
Benzo(a)anthracene		ND(0.53) [0.11 J]	0.44 J
Benzo(a)pyrene		ND(0.53) [ND(0.49)]	0.37 J
Benzo(b)fluoranthene		ND(0.53) [ND(0.49)]	0.34 J
Benzo(g,h,i)perylene		ND(0.53) [0.14 J]	0.24 J
Benzo(k)fluoranthene		ND(0.53) [ND(0.49)]	0.41 J
Chrysene		0.12 J [0.15 J]	0.57
Dibenzo(a,h)anthracene		ND(0.53) [ND(0.49)]	ND(0.53)
Dibenzofuran		ND(0.53) [ND(0.49)]	ND(0.53)
Fluoranthene		0.24 J [0.30 J]	1.3
Fluorene		ND(0.53) [ND(0.49)]	ND(0.53)
Indeno(1,2,3-cd)pyrene		ND(0.53) [ND(0.49)]	0.19 J
Naphthalene		ND(0.53) [ND(0.49)]	ND(0.53)
Phenanthrene		0.19 J [0.25 J]	0.75
Phenol		ND(0.53) [0.33 J]	ND(0.53)
Pyrene		0.23 J [0.21 J]	1.3
Furans			
2,3,7,8-TCDF		0.0000082 Y [0.0000070 Y]	NA
TCDFs (total)		0.00068 I [0.00040 I]	NA
1,2,3,7,8-PeCDF		0.0000029 [0.0000037]	NA
2,3,4,7,8-PeCDF		0.0000045 [0.0000035]	NA
PeCDFs (total)		0.00049 I [0.00030 I]	NA
1,2,3,4,7,8-HxCDF		0.0000073 [0.0000057]	NA
1,2,3,6,7,8-HxCDF		0.0000042 [0.0000044]	NA
1,2,3,7,8,9-HxCDF		ND(0.00000078) [0.0000038]	NA
2,3,4,6,7,8-HxCDF		0.0000052 [0.0000046]	NA
HxCDFs (total)		0.00024 I [0.00010 I]	NA
1,2,3,4,6,7,8-HpCDF		0.000014 [0.000011]	NA
1,2,3,4,7,8,9-HpCDF		ND(0.00000059) [0.0000052]	NA
HpCDFs (total)		0.000025 [0.000021]	NA
OCDF		0.000015 [0.000011]	NA
Dioxins			
2,3,7,8-TCDD		ND(0.00000060) [ND(0.00000034)]	NA
TCDDs (total)		ND(0.00000060) [ND(0.00000034)]	NA
1,2,3,7,8-PeCDD		ND(0.0000042) [ND(0.0000021)]	NA
PeCDDs (total)		ND(0.0000042) [ND(0.0000021)]	NA
1,2,3,4,7,8-HxCDD		ND(0.0000010) [ND(0.0000052) X]	NA
1,2,3,6,7,8-HxCDD		ND(0.0000010) [0.0000045]	NA
1,2,3,7,8,9-HxCDD		ND(0.00000093) [ND(0.0000041) X]	NA
HxCDDs (total)		ND(0.0000010) [0.0000040]	NA
1,2,3,4,6,7,8-HpCDD		0.000015 [0.0000099]	NA
HpCDDs (total)		0.000029 [0.000019]	NA
OCDD		0.000063 [0.000024]	NA
Total TEQs (WHO TEFs)		0.0000078 [0.0000069]	NA

TABLE 20-3
APPENDIX IX+3 DATA RECEIVED DURING MARCH 2004 2004

SUPPLEMENTAL SOIL SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-9-19-SB-2 / 1-3 / 02/17/04	I9-9-32-SB-2 / 1-3 / 02/13/04
Inorganics			
Antimony		2.40 B [2.50 B]	NA
Arsenic		15.0 [15.0]	NA
Barium		690 [580]	NA
Beryllium		0.520 [0.410 B]	NA
Cadmium		3.30 [2.40]	NA
Chromium		19.0 [18.0]	NA
Cobalt		11.0 [8.80]	NA
Copper		100 [86.0]	NA
Cyanide		0.240 [0.260]	NA
Lead		630 [460]	NA
Mercury		0.460 [0.700]	NA
Nickel		28.0 [23.0]	NA
Selenium		5.70 [5.80]	NA
Silver		1.20 [0.730 B]	NA
Sulfide		340 [300]	NA
Tin		31.0 [40.0]	NA
Vanadium		21.0 [20.0]	NA
Zinc		880 [780]	NA

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

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

Inorganics

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

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

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

a. Activities Undertaken/Completed

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No oil was removed from the caissons in March.

- Initiated semi-annual bailing round at wells that contained NAPL in 2003. Approximately 1.3 liters (0.34 gallon) of LNAPL was removed from wells in this area.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 5,834,624 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 2,805 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 75 gallons of DNAPL from pumping system RW-3(X).

- Continue routine well monitoring and manual NAPL removal activities and initiated semi-annual bailing round at wells that contained NAPL in 2003. Approximately 13.1 liters (3.45 gallons) of LNAPL was removed from wells in this area.

- Treated/discharged 5,575,265 gallons of water through 64G Groundwater Treatment Facility.

East Street Area 2-North:

- Continued routine well monitoring and manual NAPL removal activities and initiated semi-annual bailing round at wells that contained NAPL in 2003. Approximately 0.81 liter (0.21 gallon) of LNAPL was removed from wells in this area.

20s, 30s, and 40s Complexes:

- Continued routine well monitoring and manual NAPL removal activities and initiated semi-annual bailing round at wells that contained NAPL in 2003. Approximately 0.07 liter (0.02 gallon) of LNAPL was removed from wells in this area.

- Completed decommissioning of Building 42 elevator shaft (March 18-19, 2004)

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

a. Activities Undertaken/Completed (cont'd)

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. No LNAPL was removed from well RW-3 during March.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.94 liters (0.51 gallon) of DNAPL were removed from wells located in this area.

- Decommissioned well MW-4 at the Lyman Street Area.

Newell Street Area II:

- Continued automated DNAPL recovery, with the collection of approximately 137.3 gallons of DNAPL from the automated collection systems.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.6 liters (0.43 gallon) of DNAPL was removed from 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)

- Inspect wells inaccessible due to snow and ice cover prior to conducting semi-annual groundwater elevation and NAPL monitoring event and/or spring 2004 interim groundwater sampling event.

- Complete semi-annual bailing round at remaining wells that contained NAPL in 2003.

- Conduct semi-annual groundwater elevation and NAPL monitoring event.

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

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

- Conduct spring 2004 interim groundwater sampling event.

- Possibly install two soil borings downgradient of wells GMA1-15 and GMA1-16 upon EPA approval (see Item 21.f. below).

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

- Inspect wells inaccessible due to snow and ice cover prior to conducting semi-annual groundwater elevation and NAPL monitoring event and/or spring 2004 interim groundwater sampling event.

- Complete semi-annual bailing round at remaining wells that contained NAPL in 2003.

- Conduct semi-annual groundwater elevation and NAPL monitoring event.

- Conduct spring 2004 interim groundwater sampling event.

- 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

No issues

f. Proposed/Approved Work Plan Modifications

The *Plant Site 1 Groundwater Management Area 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 install two soil borings downgradient of wells GMA1-15 and GMA1-16 within 1 month of EPA approval of that report. 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
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
March 2004

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	March 2003	0.0	31,900	
	April 2003	2.0	45,800	
	May 2003	0.0	21,400	
	June 2003	0.0	20,800	
	July 2003	0.0	23,100	
	August 2003	0.0	13,800	
	September 2003	5.0	26,800	0.074 Power Outage
	October 2003	0.0	22,700	
	November 2003	0.0	37,300	
	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
Southside	March 2003	0.0	43,600	1.8
	April 2003	0.0	12,500	
	May 2003	0.0	93,200	
	June 2003	0.0	100,100	
	July 2003	2.0	101,000	
	August 2003	0.0	65,900	1.19
	September 2003	0.0	77,600	0.074 Power Outage
	October 2003	0.0	94,000	
	November 2003	0.0	85,100	
	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

TABLE 21-2
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
March 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2004 Removal (liters)
45	3/29/2004	5.62	5.60	0.02	0.012	0.012
49	3/30/2004	5.66	5.63	0.03	0.019	0.019
76	3/29/2004	7.04	6.66	0.38	0.235	0.235
105	3/29/2004	8.39	6.84	1.55	0.958	0.958
106	3/29/2004	7.16	7.11	0.05	0.031	0.031
ES1-08	3/29/2004	5.05	4.97	0.08	0.049	0.049

Total Manual LNAPL Removal for March 2004: 1.303 liters
0.344 gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 21-3
ROUTINE WELL MONITORING
EAST STREET AREA 1 - NORTH & SOUTH
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 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									
49	999.90	3/30/2004	5.66	5.63	0.03	---	21.05	0.00	994.27
105	1,002.85	3/29/2004	8.39	6.84	1.55	---	17.37	0.00	995.90
106	1,004.06	3/29/2004	7.16	7.11	0.05	---	12.51	0.00	996.95
107	1,003.86	3/29/2004	7.13	---	0.00	---	17.66	0.00	996.73
108A	1,007.79	3/29/2004	10.09	---	0.00	---	21.78	0.00	997.70
ES1-08	1,000.85	3/29/2004	5.05	4.97	0.08	---	13.59	0.00	995.87
North Cassion	997.84	3/3/2004	18.34	18.31	0.03	---	NM	0.00	979.53
North Cassion	997.84	3/10/2004	18.40	18.36	0.04	---	NM	0.00	979.48
North Cassion	997.84	3/16/2004	18.20	18.18	0.02	---	19.80	0.00	979.66
North Cassion	997.84	3/24/2004	18.48	18.22	0.26	---	19.80	0.00	979.60
North Cassion	997.84	3/30/2004	18.15	18.14	0.01	---	20.00	0.00	979.70
GMA 1 - East Street Area 1 - South									
31R	1,000.23	3/24/2004	9.4	---	0.00	---	15.10	0.00	990.83
33	999.50	3/24/2004	5.83	---	0.00	---	21.40	0.00	993.67
34	999.90	3/25/2004	5.69	---	0.00	---	21.04	0.00	994.21
34	999.90	3/29/2004	5.51	---	0.00	---	20.96	0.00	994.39
35	1,000.15	3/29/2004	5.61	---	0.00	---	9.60	0.00	994.54
45	1,000.10	3/29/2004	5.62	5.60	0.02	---	20.73	0.00	994.50
72	1,000.62	3/29/2004	7.19	---	0.00	---	22.84	0.00	993.43
72R	1,000.92	3/24/2004	6.41	---	0.00	---	12.31	0.00	994.51
76	1,000.45	3/29/2004	7.04	6.66	0.38	---	18.73	0.00	993.76
South Cassion	1,001.11	3/3/2004	14.41	14.40	0.01	---	NM	0.00	986.71
South Cassion	1,001.11	3/10/2004	13.92	13.81	0.11	---	NM	0.00	987.29
South Cassion	1,001.11	3/16/2004	14.50	14.42	0.08	---	15.00	0.00	986.68
South Cassion	1,001.11	3/24/2004	14.40	14.32	0.08	---	15.00	0.00	986.78
South Cassion	1,001.11	3/30/2004	9.70	9.65	0.05	---	16.61	0.00	991.46

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.

TABLE 21-4
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
March 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64V	March 2003	374	1,048,800	
	April 2003	425	1,752,300	
	May 2003	220	1,202,200	
	June 2003	408	1,092,800	
	July 2003	408	1,184,900	
	August 2003	391	1,026,400	
	September 2003	867	1,020,100	
	October 2003	1,071	1,482,600	
	November 2003	1,377	1,309,800	
	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
64R	March 2003	125	304,200	
	April 2003	1,600	1,684,400	
	May 2003	370	571,600	
	June 2003	175	483,000	
	July 2003	750	525,200	
	August 2003	300	580,600	
	September 2003	1,150	639,200	
	October 2003	975	717,300	
	November 2003	200	563,400	
	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
40R	March 2003	0		
	April 2003	0		
	May 2003	0		
	June 2003	0		
	July 2003	0		
	August 2003	0		
	September 2003	0		
	October 2003	0		
	November 2003	0		
	December 2003	0		
	January 2004	0		
	February 2004	0		0.3
	March 2004	0		0.27 - Power Outage
RW-2(X)	March 2003	0	267,200	
	April 2003	0	588,200	
	May 2003	0	504,900	
	June 2003	0	337,800	
	July 2003	0	504,000	
	August 2003	0	481,800	
	September 2003	0	403,800	
	October 2003	0	498,300	
	November 2003	0	461,400	
	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

TABLE 21-4
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
March 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	March 2003	0	403,200	
	April 2003	5	504,000	
	May 2003	15	403,200	
	June 2003	25	403,200	
	July 2003	20	500,300	
	August 2003	30	403,200	
	September 2003	15	403,200	
	October 2003	10	460,800	
	November 2003	10	403,200	
	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
RW-1(X)	March 2003	5	485,000	
	April 2003	5	689,700	
	May 2003	0	482,900	6.8
	June 2003	0	502,100	
	July 2003	0	541,200	
	August 2003	0	499,300	
	September 2003	10	486,700	
	October 2003	0	690,100	
	November 2003	0	488,500	
	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
64S System	March 2003	0	246,416	
	April 2003	625	630,314	
	May 2003	460	445,090	
	June 2003	950	276,675	
	July 2003	750	48,725	
	August 2003	38	302,161	
	September 2003	0	443,631	
	October 2003	150	983,801	
	November 2003	1,198	1,041,476	
	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
RW-1(S) [1]	March 2003	100	686,332	
	April 2003	0	1,155,188	10.82
	May 2003	0	880,083	
	June 2003	0	806,285	
	July 2003	0	821,262	
	August 2003	12	776,403	
	September 2003	50	811,790	
	October 2003	25	1,303,720	
	November 2003	52	1,155,983	
	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

TABLE 21-4
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
March 2004

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	March 2003	28		
	April 2003	55		
	May 2003	52		
	June 2003	27		
	July 2003	56		
	August 2003	54		
	September 2003	55		
	October 2003	56		
	November 2003	55		
	December 2003	56		
	January 2004	70		
	February 2004	49		0.3
	March 2004	75		0.27 - Power Outage

Summary of Total Automated Removal		
LNAPL:	**2,805**	**Gallons**
DNAPL:	**75**	**Gallons**
Water:	**5,834,624**	**Gallons**

Notes:

1. The flow meter at recovery well RW-1(S) was reset in June 2003.

TABLE 21-5
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
March 2004

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2004 Removal (liters)
CC	3/29/2004	18.49	18.38	0.11	0.069	0.069
14-N	3/31/2004	24.25	23.35	0.90	0.568	0.568
16-N	3/31/2004	29.57	29.51	0.06	0.038	0.038
17-N	3/31/2004	29.34	29.24	0.10	0.063	0.063
23-N	3/31/2004	29.77	29.66	0.11	0.069	0.069
24-N	3/31/2004	28.96	28.84	0.12	0.076	0.076
25R	3/30/2004	24.36	19.45	4.91	3.101	3.101
29	3/30/2004	16.92	16.72	0.20	0.126	0.126
30	3/30/2004	12.06	11.31	0.75	0.468	0.468
47	3/30/2004	17.46	16.19	1.27	0.802	0.802
48	3/30/2004	19.08	17.74	1.34	0.896	0.896
50	3/31/2004	10.11	9.12	0.99	0.177	0.177
55	3/26/2004	17.31	15.71	1.60	0.987	1.002
	3/30/2004	14.72	14.44	0.28	0.015	
95-04	3/31/2004	17.22	12.31	4.91	3.101	3.101
95-07	3/31/2004	22.79	17.54	5.25	0.834	0.834
GMA1-15	3/26/2004	14.78	14.03	0.75	0.463	0.892
	3/31/2004	13.40	12.72	0.68	0.429	
GMA1-16	3/31/2004	11.19	11.13	0.06	0.038	0.038
GMA1-17W	3/26/2004	16.45	14.65	1.80	1.111	1.629
	3/31/2004	14.93	14.11	0.82	0.518	
M-R	3/31/2004	18.44	18.40	0.04	0.025	0.025

Total LNAPL Removal 20's, 30's & 40's Complexs for March 2004: 0.069 liters
0.018 gallons

Total LNAPL Removal East Street Area 2 - North for March 2004: 0.814 liters
0.215 gallons

Total LNAPL Removal East Street Area 2 - South for March 2004: 13.090 liters
3.454 gallons

Total LNAPL Removal for March 2004: 13.973 liters
3.687 gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 21-6
64G TREATMENT PLANT DISCHARGE DATA
GROUNDWATER MANAGEMENT AREA 1

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

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
March 2003	3,713,810	98,305	3,812,115
April 2003	4,909,250	160,917	5,070,167
May 2003	4,145,930	248,391	4,394,321
June 2003	3,603,998	319,326	3,923,324
July 2003	2,785,280	429,342	3,214,622
August 2003	3,810,650	339,323	4,149,973
September 2003	4,336,220	294,016	4,630,236
October 2003	5,428,939	251,753	5,680,692
November 2003	5,599,600	108,107	5,707,707
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

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 21-7
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
March 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)
20's Complex									
CC	998.84	3/29/2004	18.49	18.38	0.11	---	27.23	0.00	980.45
FF	1,005.70	3/31/2004	24.87	---	0.00	---	32.71	0.00	980.83
II	1,007.26	3/29/2004	25.27	---	0.00	---	36.66	0.00	981.99
QQ-R	998.32	3/29/2004	17.87	---	0.00	---	28.12	0.00	980.45
U	998.89	3/31/2004	18.60	---	0.00	---	25.64	0.00	980.29
Y	1,002.86	3/29/2004	22.46	---	0.00	---	28.48	0.00	980.40
30's Complex									
95-15	986.38	3/24/2004	7.73	---	0.00	---	16.63	0.00	978.65
GMA1-10	984.86	3/24/2004	Well covered by ice, could not be gauged.						NA
GMA1-12	992.26	3/24/2004	16.09	---	0.00	---	22.25	0.00	976.17
RF-02	982.43	3/24/2004	5.16	---	0.00	---	18.29	0.00	977.27
RF-03	985.40	3/24/2004	9.55	---	0.00	---	18.53	0.00	975.85
RF-03D	985.31	3/24/2004	7.11	---	0.00	---	36.05	0.00	978.20
RF-16	987.91	3/24/2004	8.86	---	0.00	---	20.81	0.00	979.05
40s Complex									
Bldg. 42 Elev.	NA	3/18/2004	18.60	18.57	0.03	---	48.53	0.00	NA
95-17	1,007.67	3/24/2004	24.34	---	0.00	---	28.84	0.00	983.33
East Street Area 2 - North									
05-N	1,009.23	3/31/2004	24.63	---	0.00	---	27.50	0.00	984.60
11-N	1,010.85	3/31/2004	29.46	---	0.00	---	35.86	0.00	981.39
14-N	1,010.53	3/31/2004	24.25	23.35	0.90	---	33.60	0.00	987.12
16-N	1,010.65	3/31/2004	29.57	29.51	0.06	---	37.53	0.00	981.14
17-N	1,010.49	3/31/2004	29.34	29.24	0.10	---	38.84	0.00	981.24
19-N	1,010.68	3/31/2004	29.26	---	0.00	---	36.45	0.00	981.42
23-N	1,011.13	3/31/2004	29.77	29.66	0.11	---	38.34	0.00	981.46
24-N	1,010.50	3/31/2004	28.96	28.84	0.12	---	35.90	0.00	981.65
95-12	1,010.20	3/31/2004	Well was found to be submerged.			NM	NM	NM	NA
East Street Area 2 - South									
02	995.64	3/30/2004	16.33	---	0.00	---	23.41	0.00	979.31
05	996.10	3/30/2004	13.21	---	0.00	---	22.93	0.00	982.89
09R	986.88	3/30/2004	11.53	---	0.00	---	19.52	0.00	975.35
13	990.88	3/26/2004	16.46	---	0.00	---	22.65	0.00	974.42
13	990.88	3/30/2004	15.19	---	0.00	---	22.68	0.00	975.69
14	991.61	3/26/2004	16.66	---	0.00	---	25.76	0.00	974.95
14	991.61	3/30/2004	15.39	---	0.00	---	25.73	0.00	976.22
15R	989.23	3/30/2004	13.25	---	0.00	---	19.64	0.00	975.98
25R	998.31	3/30/2004	24.36	19.45	4.91	---	30.87	0.00	978.52
26RR	1,000.58	3/26/2004	21.47	---	0.00	---	28.62	0.00	979.11
26RR	1,000.58	3/30/2004	21.34	---	0.00	---	28.62	0.00	979.24
28	991.86	3/30/2004	11.82	---	0.00	---	21.98	0.00	980.04
29	991.59	3/30/2004	16.92	16.72	0.20	---	22.55	0.00	974.86
30	989.34	3/30/2004	12.06	11.31	0.75	---	20.43	0.00	977.98
40R	991.60	3/3/2004	15.41	P	< 0.01	---	25.00	0.00	976.19
40R	991.60	3/10/2004	15.08	---	0.00	---	25.00	0.00	976.52
40R	991.60	3/16/2004	15.25	---	0.00	---	25.00	0.00	976.35
40R	991.60	3/24/2004	15.46	---	0.00	---	25.00	0.00	976.14
40R	991.60	3/31/2004	14.80	P	< 0.01	---	25.00	0.00	976.80
47	991.09	3/30/2004	17.46	16.19	1.27	---	23.06	0.00	974.81
48	992.39	3/30/2004	19.08	17.74	1.34	---	26.40	0.00	974.56
49R	988.71	3/26/2004	14.82	---	0.00	---	24.88	0.00	973.89
49RR	989.80	3/26/2004	16.07	---	0.00	---	23.13	0.00	973.73
50	985.79	3/31/2004	10.11	9.12	0.99	---	23.47	0.00	976.60
55	989.45	3/26/2004	17.31	15.71	1.60	---	30.01	0.00	973.63
55	989.45	3/30/2004	14.72	14.44	0.28	---	30.00	0.00	974.99
58	985.79	3/31/2004	10.69	---	0.00	---	24.50	0.00	975.10
64R	993.37	3/3/2004	16.75	16.70	0.05	---	19.00	0.00	976.67
64R	993.37	3/10/2004	17.00	16.85	0.15	---	19.00	0.00	976.51
64R	993.37	3/16/2004	16.65	16.55	0.10	---	19.00	0.00	976.81
64R	993.37	3/24/2004	16.86	16.70	0.16	---	19.00	0.00	976.66
64R	993.37	3/31/2004	16.30	16.00	0.30	---	20.67	0.00	977.35
64S	984.48	3/3/2004	17.20	P	< 0.01	---	28.70	0.00	967.28
64S	984.48	3/10/2004	16.80	P	< 0.01	---	28.70	0.00	967.68

TABLE 21-7
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
March 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)
64S	984.48	3/16/2004	16.43	P	< 0.01	---	28.70	0.00	968.05
64S	984.48	3/24/2004	17.03	P	< 0.01	---	28.70	0.00	967.45
64S	984.48	3/31/2004	16.00	P	< 0.01	---	29.48	0.00	968.48
64S-Caisson	NA	3/3/2004	9.90	9.80	0.10	---	14.55	0.00	NA
64S-Caisson	NA	3/10/2004	9.60	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	3/16/2004	9.60	9.52	0.08	---	14.55	0.00	NA
64S-Caisson	NA	3/24/2004	9.90	9.43	0.47	---	14.55	0.00	NA
64S-Caisson	NA	3/31/2004	9.85	9.40	0.45	---	NM	0.00	NA
64V	987.29	3/3/2004	21.90	21.40	0.50	P	29.60	< 0.01	965.86
64V	987.29	3/10/2004	22.00	21.50	0.50	P	29.60	< 0.01	965.76
64V	987.29	3/16/2004	21.90	21.50	0.40	P	29.60	< 0.01	965.76
64V	987.29	3/24/2004	22.35	21.05	1.30	P	29.60	< 0.01	966.15
64V	987.29	3/31/2004	22.40	21.40	1.00	---	30.29	0.00	965.82
64X(N)	984.83	3/3/2004	10.43	10.31	0.12	---	15.85	0.00	974.51
64X(N)	984.83	3/10/2004	9.72	9.58	0.14	---	15.85	0.00	975.24
64X(N)	984.83	3/16/2004	11.15	11.00	0.15	---	15.85	0.00	973.82
64X(N)	984.83	3/24/2004	11.53	11.40	0.13	---	15.85	0.00	973.42
64X(N)	984.83	3/31/2004	9.35	9.20	0.15	---	15.83	0.00	975.62
64X(S)	981.56	3/3/2004	12.70	12.69	0.01	---	23.82	0.00	968.87
64X(S)	981.56	3/10/2004	12.44	P	< 0.01	---	23.82	0.00	969.12
64X(S)	981.56	3/16/2004	13.78	13.69	0.09	---	23.82	0.00	967.86
64X(S)	981.56	3/24/2004	14.00	P	< 0.01	---	23.82	0.00	967.56
64X(S)	981.56	3/31/2004	11.71	P	< 0.01	---	16.06	0.00	969.85
64X(W)	984.87	3/3/2004	15.90	P	< 0.01	---	24.35	0.00	968.97
64X(W)	984.87	3/10/2004	16.68	15.70	0.98	---	24.35	0.00	969.10
64X(W)	984.87	3/16/2004	16.87	16.86	0.01	---	24.35	0.00	968.01
64X(W)	984.87	3/24/2004	17.25	17.22	0.03	---	24.35	0.00	967.65
64X(W)	984.87	3/31/2004	14.96	14.95	0.01	---	18.57	0.00	969.92
95-01	983.77	3/26/2004	9.28	---	0.00	---	17.25	0.00	974.49
95-04	988.70	3/31/2004	17.22	12.31	4.91	---	21.80	0.00	976.05
95-05	989.45	3/31/2004	13.69	---	0.00	---	20.07	0.00	975.76
95-07	994.91	3/31/2004	22.79	17.54	5.25	---	29.51	0.00	977.00
3-6C-EB-22	986.94	3/26/2004	12.46	---	0.00	---	20.02	0.00	974.48
E2SC-23	992.07	3/26/2004	16.14	---	0.00	---	21.15	0.00	975.93
E2SC-24	987.90	3/26/2004	14.29	---	0.00	---	21.64	0.00	973.61
ES2-14	985.93	3/31/2004	Well inaccessible - beneath EPA stockpile area.				NM	NM	NA
ES2-15	986.55	3/31/2004	Well inaccessible - beneath EPA stockpile area.				NM	NM	NA
GMA1-14	997.43	3/26/2004	18.37	---	0.00	---	23.72	0.00	979.06
GMA1-15	988.59	3/26/2004	14.78	14.03	0.75	---	17.84	0.00	974.51
GMA1-15	988.59	3/31/2004	13.40	12.72	0.68	---	17.83	0.00	975.82
GMA1-16	986.82	3/26/2004	12.39	12.15	0.24	---	20.00	0.00	974.65
GMA1-16	986.82	3/31/2004	11.19	11.13	0.06	---	20.00	0.00	975.69
GMA1-17E	993.03	3/26/2004	Well obstructed at 2'						NA
GMA1-17W	992.63	3/26/2004	16.45	14.65	1.80	---	23.40	0.00	977.85
GMA1-17W	992.63	3/31/2004	14.93	14.11	0.82	---	23.38	0.00	978.46
HR-C-RW-1	NA	3/31/2004	4.42	---	0.00	P	24.06	< 0.01	NA
HR-G2-MW-1	982.60	3/26/2004	8.71	---	0.00	---	18.24	0.00	973.89
HR-G2-MW-2	981.39	3/26/2004	6.96	---	0.00	---	17.67	0.00	974.43
HR-G2-MW-3	987.14	3/26/2004	12.90	---	0.00	---	21.99	0.00	974.24
HR-G2-RW-1	976.88	3/26/2004	3.63	---	0.00	---	18.70	0.00	974.17
HR-G2-RW-1	976.88	3/31/2004	2.46	---	0.00	---	18.70	0.00	975.04
M-R	998.19	3/31/2004	18.44	18.40	0.04	---	29.22	0.00	979.79
P3	989.25	3/31/2004	5.21	4.84	0.37	---	13.08	0.00	984.38
PZ-6S	984.13	3/31/2004	8.36	---	0.00	---	13.30	0.00	975.77
RW-1(S)	987.23	3/3/2004	17.36	16.56	0.80	---	28.60	0.00	970.61
RW-1(S)	987.23	3/10/2004	17.58	P	< 0.01	P	28.60	< 0.01	969.65
RW-1(S)	987.23	3/16/2004	16.65	16.50	0.15	---	28.60	0.00	970.72
RW-1(S)	987.23	3/24/2004	17.20	16.60	0.60	P	28.60	< 0.01	970.59
RW-1(S)	987.23	3/31/2004	16.70	16.60	0.10	---	30.23	0.00	970.62
RW-1(X)	982.68	3/3/2004	12.30	12.29	0.01	---	20.80	0.00	970.39
RW-1(X)	982.68	3/10/2004	12.10	---	0.00	---	20.80	0.00	970.58
RW-1(X)	982.68	3/16/2004	13.29	P	< 0.01	---	20.80	0.00	969.39
RW-1(X)	982.68	3/24/2004	14.20	14.05	0.15	---	20.80	0.00	968.62

TABLE 21-7
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
March 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-1(X)	982.68	3/31/2004	10.89	P	< 0.01	---	23.98	0.00	971.79
RW-2(X)	985.96	3/3/2004	11.45	---	0.00	---	15.30	0.00	974.51
RW-2(X)	985.96	3/10/2004	11.08	---	0.00	---	15.30	0.00	974.88
RW-2(X)	985.96	3/16/2004	12.30	---	0.00	---	15.30	0.00	973.66
RW-2(X)	985.96	3/24/2004	12.65	---	0.00	---	15.30	0.00	973.31
RW-2(X)	985.96	3/31/2004	10.38	---	0.00	---	23.76	0.00	975.58
RW-3(X)	980.28	3/3/2004	7.10	---	0.00	42.05	44.40	2.35	973.18
RW-3(X)	980.28	3/10/2004	6.76	---	0.00	41.90	44.40	2.50	973.52
RW-3(X)	980.28	3/16/2004	8.55	---	0.00	41.60	44.40	2.80	971.73
RW-3(X)	980.28	3/24/2004	8.30	---	0.00	41.70	44.40	2.70	971.98
RW-3(X)	980.28	3/31/2004	6.19	---	0.00	41.65	44.40	2.75	974.09
Housatonic River									
SG-HR-1	990.73	3/1/2004	18.92	---	---	---	---	---	971.81
SG-HR-1	990.73	3/11/2004	3.02	---	---	---	---	---	987.71
SG-HR-1	990.73	3/19/2004	18.60	---	---	---	---	---	972.13
SG-HR-1	990.73	3/26/2004	17.30	---	---	---	---	---	973.43
Housatonic River (Temporary Monitoring Pt.)	NA	3/26/2004	Data Logger Not Responding						NA

NOTES:

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

TABLE 21-8
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Month / Year	Volume Water Pumped (gallon)	RW-1R LNAPL Recovered (gallon)	RW-1 DNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
March 2002	183,708	---	---	20
April 2002	220,657	5	---	10
May 2002	290,851	---	---	10
June 2002	264,424	---	---	15
July 2002	219,781	13	---	5
August 2002	127,581	---	---	15
September 2002	165,634	4	---	10
October 2002	271,056	---	---	15
November 2002	264,950	---	---	5
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	---	---	---

TABLE 21-8
ACTIVE RECOVERY SYSTEMS MONTHLY SUMMARY
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

NOTES

1. Volume of water pumped is total from Wells RW-1/1(R), RW-2 and RW-3.
2. As of September 9, 1998 RW-1 was replaced by RW-1(R) for active LNAPL recovery.
3. --- indicates LNAPL or DNAPL was not present in a measurable quantity
4. 0.27 percent downtime due to a power outage.

TABLE 21-9
MEASUREMENT AND REMOVAL OF RECOVERABLE DNAPL
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2004 Removal (liters)
LS-30	3/25/2004	12.85	21.4	0.80	0.494	0.494
LS-31	3/24/2004	12.71	22.62	0.69	0.426	0.426
LSSC-07	3/1/2004	9.64	24.96	0.12	0.074	0.753
	3/11/2004	8.11	24.6	0.48	0.296	
	3/19/2004	9.24	24.69	0.39	0.241	
	3/24/2004	9.26	24.85	0.23	0.142	
LSSC-16I	3/24/2004	7.60	28.1	0.43	0.265	0.265

Total Manual DNAPL Removal for March 2004: 1.937 liters
0.511 gallons

NOTES:

1. ft BMP - feet Below Measuring Point

TABLE 21-10
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 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	3/25/2004	6.17	---	0.00	---	19.81	0.00	976.70
EPA-1	NA	3/25/2004	10.20	---	0.00	---	22.66	0.00	NA
LS-24	986.58	3/25/2004	Well is frozen, could not be gauged.						NA
LS-30	986.44	3/25/2004	12.85	12.83	0.02	21.40	22.20	0.80	973.61
LS-31	987.09	3/24/2004	12.71	---	0.00	22.62	23.31	0.69	974.38
LS-38	986.95	3/25/2004	13.87	---	0.00	---	25.05	0.00	973.08
LS-44	980.78	3/25/2004	7.72	---	0.00	---	24.76	0.00	973.06
LSSC-07	982.48	3/1/2004	9.64	---	0.00	24.96	25.08	0.12	972.84
LSSC-07	982.48	3/11/2004	8.11	---	0.00	24.60	25.08	0.48	974.37
LSSC-07	982.48	3/19/2004	9.24	---	0.00	24.69	25.08	0.39	973.24
LSSC-07	982.48	3/24/2004	9.26	---	0.00	24.85	25.08	0.23	973.22
LSSC-08I	983.13	3/1/2004	10.56	---	0.00	23.20	23.39	0.19	972.57
LSSC-08I	983.13	3/11/2004	9.52	---	0.00	---	23.50	0.00	973.61
LSSC-08I	983.13	3/19/2004	10.75	---	0.00	23.10	23.40	0.30	972.38
LSSC-08I	983.13	3/24/2004	10.70	---	0.00	---	23.39	0.00	972.43
LSSC-08S	983.11	3/24/2004	10.73	---	0.00	---	14.69	0.00	972.38
LSSC-16I	980.88	3/24/2004	7.60	---	0.00	28.10	28.53	0.43	973.28
LSSC-18	987.32	3/25/2004	13.63	---	0.00	---	18.60	0.00	973.69
LSSC-32	980.68	3/25/2004	7.38	---	0.00	---	35.23	0.00	973.30
LSSC-33	980.49	3/25/2004	7.21	---	0.00	---	29.77	0.00	973.28
MW-6R	985.14	3/25/2004	9.96	---	0.00	---	13.90	0.00	975.18
RW-1	984.88	3/3/2004	11.30	P	< 0.01	---	21.00	0.00	973.58
RW-1	984.88	3/10/2004	9.50	P	< 0.01	---	21.00	0.00	975.38
RW-1	984.88	3/16/2004	10.36	P	< 0.01	---	21.00	0.00	974.52
RW-1	984.88	3/24/2004	12.45	P	< 0.01	---	21.00	0.00	972.43
RW-1	984.88	3/30/2004	9.80	P	< 0.01	---	21.00	0.00	975.08
RW-1 (R)	985.07	3/3/2004	15.90	P	< 0.01	---	20.42	0.00	969.17
RW-1 (R)	985.07	3/10/2004	15.86	P	< 0.01	---	20.42	0.00	969.21
RW-1 (R)	985.07	3/16/2004	15.89	P	< 0.01	---	20.42	0.00	969.18
RW-1 (R)	985.07	3/24/2004	15.79	P	< 0.01	---	20.42	0.00	969.28
RW-1 (R)	985.07	3/30/2004	12.95	P	< 0.01	---	20.67	0.00	972.12
RW-2	987.82	3/3/2004	13.18	---	0.00	---	21.75	0.00	974.64
RW-2	987.82	3/10/2004	12.40	---	0.00	---	21.75	0.00	975.42
RW-2	987.82	3/16/2004	13.46	---	0.00	---	21.75	0.00	974.36
RW-2	987.82	3/24/2004	13.62	---	0.00	---	21.75	0.00	974.20
RW-2	987.82	3/30/2004	12.20	---	0.00	---	23.82	0.00	975.62
RW-3	984.08	3/3/2004	13.32	P	< 0.01	---	21.57	0.00	970.76
RW-3	984.08	3/10/2004	10.62	P	< 0.01	---	21.57	0.00	973.46
RW-3	984.08	3/16/2004	12.38	P	< 0.01	---	21.57	0.00	971.70
RW-3	984.08	3/24/2004	14.30	14.26	0.04	---	21.57	0.00	969.82
RW-3	984.08	3/30/2004	11.31	11.30	0.01	---	NM	0.00	972.78
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	3/1/2004	14.20	---	---	---	---	---	972.12
BM-2A	986.32	3/11/2004	14.50	---	---	---	---	---	971.82
BM-2A	986.32	3/19/2004	14.45	---	---	---	---	---	971.87
BM-2A	986.32	3/25/2004	13.94	---	---	---	---	---	972.38

TABLE 21-10
ROUTINE WELL MONITORING
LYMAN STREET AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 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)

NOTES:

1. ft BMP - feet Below Measuring Point
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity
3. NA indicates information not available.
4. NM indicates information not measured.
5. P indicates that LNAPL or DNAPL is present at a thickness that is < 0.01 feet. The corresponding thickness is recorded as such.
6. The Housatonic River Gauge was removed by Maxymillian Technologies on July 8, 2002 during construction activities. 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 21-11
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

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

Recovery System	Date	Total Gallons Recovered
System 1	March 2003	27.0
	April 2003	19.0
	May 2003	28.0
	June 2003	27.0
	July 2003	28.0
	August 2003	53.0
	September 2003	26.0
	October 2003	56.0
	November 2003	27.0
	December 2003	47.0
	January 2004	24.0
	February 2004	25.5
	March 2004	25.3
System 2	March 2003	81.0
	April 2003	65.0
	May 2003	65.0
	June 2003	114.0
	July 2003	130.0
	August 2003	115.0
	September 2003	390.0
	October 2003	227.0
	November 2003	146.0
	December 2003	182.0
	January 2004	128.0
	February 2004	139.0
	March 2004	112.0
Total Automated DNAPL Removal for March 2004:		**137.3 Gallons**

NOTES
1. System 1 wells are NS-15, NS-30 and NS-32
2. System 2 wells are N2SC-01I, N2SC-02, N2SC-03I, and N2SC-14
3. 0.27 percent downtime due to a power outage.

TABLE 21-12
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

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

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2004 Removal (liters)
N2SC-08	3/25/2004	11.58	39.93	2.61	1.610	1.610

Total DNAPL Removal for March 2004: 1.610 liters
0.425 gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 21-13
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 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	3/25/2004	11.99	---	0.00	---	40.41	0.00	973.57
N2SC-07	984.61	3/25/2004	11.38	---	0.00	---	38.15	0.00	973.23
N2SC-08	986.07	3/25/2004	11.58	---	0.00	39.93	42.54	2.61	974.49

NOTES:

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

TABLE 21-14
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 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	3/24/2004	Lock was jammed/frozen, could not gauge well						NA
SLGW-01D	983.13	3/24/2004	4.36	---	0.00	---	37.09	0.00	978.77
SLGW-02S	985.39	3/24/2004	7.90	---	0.00	---	16.85	0.00	977.49
SLGW-02D	985.10	3/24/2004	7.40	---	0.00	---	37.01	0.00	977.70
SLGW-03S	980.21	3/24/2004	4.27	---	0.00	---	14.39	0.00	975.94
SLGW-03D	979.14	3/24/2004	Well was frozen, could not gauge.						NA
SLGW-04S	984.02	3/24/2004	8.10	---	0.00	---	16.74	0.00	975.92
SLGW-04D	983.51	3/24/2004	6.07	---	0.00	---	37.28	0.00	977.44
SLGW-05S	979.12	3/24/2004	Well was frozen, could not gauge.						NA
SLGW-05D	979.30	3/24/2004	Well was frozen, could not gauge.						NA
SLGW-06S	981.66	3/24/2004	5.31	---	0.00	---	13.76	0.00	976.35
SLGW-06D	981.63	3/24/2004	5.33	---	0.00	---	35.09	0.00	976.30
Silver Lake Surface Water Levels									
Silver Lake Gauge	NA	3/1/2004	4.48	---	---	---	---	---	NA
Silver Lake Gauge	NA	3/11/2004	1.00	---	---	---	---	---	NA
Silver Lake Gauge	NA	3/19/2004	4.45	---	---	---	---	---	NA
Silver Lake Gauge	NA	3/24/2004	Gauge Frozen		---	---	---	---	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. 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.
5. 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)
MARCH 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)

- Initiate spring 2004 interim groundwater sampling activities upon EPA approval of proposed program (see Item 22.f. below).

- Collect fourth round of baseline groundwater samples at wells GMA2-7 and OJ-MW-2 where access had previously been denied.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

The *Groundwater Management Area 2 Baseline Groundwater Quality Interim Report for Fall 2003* contained a proposal to conduct an interim groundwater quality monitoring program until such time as any necessary soil-related remediation actions are completed in Former Oxbow Areas J and K and a long-term monitoring program can be implemented.

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

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

a. Activities Undertaken/Completed

- Conducted monthly monitoring and NAPL removal in the vicinity of Buildings 51 and 59. Approximately 10.23 liters (2.7 gallons) of LNAPL were removed by the automatic skimmer located in well 51-12 and an additional 3.58 liters (0.94 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-1).

- Installed groundwater quality monitoring well GMA3-8.

- Performed inspections of selected GMA 3 wells in advance of sampling activities.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Continue ongoing NAPL monitoring and recovery activities, including semi-annual monitoring.

- Conduct semi-annual bailing round at all wells that contained NAPL in 2003.

- Install NAPL monitoring wells GMA3-10 and GMA3-11 and NAPL recovery well GMA3-12 as approved by EPA (see Item 23.f. below).

- Install groundwater quality monitoring well GMA3-5.

- Initiate baseline groundwater quality monitoring program in spring 2004.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MARCH 2004

f. Proposed/Approved Work Plan Modifications

The *Groundwater Management Area 3 Interim Groundwater Quality and NAPL Monitoring Report for Fall 2003* contained proposals to install two new NAPL monitoring wells (GMA3-10 and GMA3-11) and one NAPL recovery well (GMA3-12). GE received approval on March 31, 2004 to install wells GMA3-10 and GMA3-11 as proposed in the above report. EPA also approved the installation of well GMA3-12 on the same date with the location to be field-located in a mutually agreeable location by BBL and Weston field personnel approximately 50 feet east of the proposed location.

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

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

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2004 Removal (liters)
51-05	3/25/2004	10.90	9.88	1.02	0.629	0.629
51-08	3/1/2004	12.29	10.90	1.39	0.858	1.400
	3/11/2004	11.39	10.51	0.88	0.543	
51-17	3/25/2004	11.10	9.69	1.41	0.870	0.870
51-19	3/25/2004	10.82	9.98	0.84	0.518	0.518
51-21	3/12/2004	NM	NM	NM	10.233	10.233
UB-PZ-3	3/25/2004	11.92	11.66	0.26	0.160	0.160

Total Automated LNAPL Removal at well 51-21 for March 2004: 10.233 liters
2.70 Gallons

Total Manual LNAPL Removal at all other wells for March 2004: 3.578 liters
0.94 Gallons

Total LNAPL Removed for March 2004: 13.811 liters
3.64 Gallons

NOTE:

1. ft BMP - feet Below Measuring Point

TABLE 23-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 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)
016E	992.14	3/30/2004	5.85	---	0.00	---	47.60	0.00	986.29
039E	992.21	3/31/2004	5.00	---	0.00	---	234.00	0.00	987.21
51-05	996.44	3/25/2004	10.90	9.88	1.02	---	12.55	0.00	986.49
51-06	997.36	3/25/2004	10.50	---	0.00	---	14.65	0.00	986.86
51-07	997.08	3/25/2004	10.45	---	0.00	---	11.23	0.00	986.63
51-08	997.08	3/1/2004	12.29	10.90	1.39	---	14.64	0.00	986.08
51-08	997.08	3/11/2004	11.39	10.51	0.88	---	14.60	0.00	986.51
51-08	997.08	3/19/2004	10.75	10.64	0.11	---	14.63	0.00	986.43
51-08	997.08	3/25/2004	10.72	10.63	0.09	---	14.62	0.00	986.44
51-09	997.70	3/25/2004	9.75	---	0.00	---	12.04	0.00	987.95
51-14	996.77	3/25/2004	10.41	---	0.00	---	15.01	0.00	986.36
51-15	996.43	3/25/2004	10.00	9.93	0.07	---	14.50	0.00	986.50
51-16R	996.39	3/25/2004	9.93	9.90	0.03	---	14.55	0.00	986.49
51-17	996.43	3/25/2004	11.10	9.69	1.41	---	14.50	0.00	986.64
51-18	997.12	3/25/2004	10.63	---	0.00	---	12.55	0.00	986.49
51-19	996.43	3/25/2004	10.82	9.98	0.84	---	14.05	0.00	986.39
51-21	1,001.49	3/3/2004	15.35	P	< 0.01	---	NM	0.00	986.14
51-21	1,001.49	3/10/2004	15.00	P	< 0.01	---	NM	0.00	986.49
51-21	1,001.49	3/12/2004	NM	NM	NM	---	NM	0.00	NA
51-21	1,001.49	3/17/2004	15.00	P	< 0.01	---	NM	0.00	986.49
51-21	1,001.49	3/24/2004	15.06	P	< 0.01	---	NM	0.00	986.43
51-21	1,001.49	3/31/2004	14.80	P	< 0.01	---	NM	0.00	986.69
054B	987.96	3/29/2004	0.05	---	0.00	---	9.32	0.00	987.91
59-01	997.52	3/25/2004	Well frozen at surface, could not gauge.						NA
59-03R	997.64	3/25/2004	Well frozen at surface, could not gauge.						NA
59-07	997.96	3/25/2004	11.35	---	0.00	---	23.56	0.00	986.61
082B	990.08	3/30/2004	3.71	---	0.00	---	9.86	0.00	986.37
089A	985.76	3/31/2004	3.60	---	0.00	---	47.35	0.00	982.16
089B	986.03	3/31/2004	Could not measure - tubing trapped in well at 1.93'						NA
089D	985.42	3/31/2004	9.25	---	0.00	---	66.58	0.00	976.17
090A	988.07	3/30/2004	4.30	---	0.00	---	9.30	0.00	983.77
090B	989.10	3/30/2004	5.33	---	0.00	---	12.64	0.00	983.77
095C	988.16	3/30/2004	6.27	---	0.00	---	10.03	0.00	981.89
111A	997.57	3/30/2004	Obstructed at 3.11'						NA
OBG-2	992.26	3/29/2004	3.93	---	0.00	---	14.72	0.00	988.33
UB-MW-10	995.99	3/25/2004	9.40	---	0.00	---	15.78	0.00	986.59
UB-PZ-3	998.15	3/25/2004	11.92	11.66	0.26	---	13.43	0.00	986.47

NOTES:

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

Initiate spring 2004 interim groundwater sampling activities upon EPA approval of proposed program (see Item 24.f. below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

The *Groundwater Management Area 4 Baseline Groundwater Quality and NAPL Monitoring Interim Report for Fall 2003* contained a proposal to conduct an interim groundwater quality monitoring program until such time as any necessary soil-related remediation actions and OPCA-related activities are completed within this area and a long-term monitoring program can be implemented.

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
MARCH 2004

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

a. Activities Undertaken/Completed

Received access permission extension for sampling activities to June 25, 2004 from owner of Parcels I8-23-6, I8-23-7, I9-5-1, and I9-5-2 (March 26, 2004).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Initiate spring 2004 interim groundwater sampling activities upon EPA approval of proposed program (see Item 25.f. below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

The *Groundwater Management Area 5 Baseline Groundwater Quality Interim Report for Fall 2003* contained a proposal to conduct an interim groundwater quality monitoring program until such time as any necessary soil-related remediation actions are completed at Former Oxbow Areas A and C and a long-term monitoring program can be implemented.

Attachment A

NPDES Sampling Records and Results
March 2004

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

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	001-A5452	3/1/04	Water	CT&E	Oil & Grease	3/9/04
NPDES Sampling	001-A5454	3/1/04	Water	CT&E	PCB	3/9/04
NPDES Sampling	001-A5465	3/2/04	Water	CT&E	TSS	3/9/04
NPDES Sampling	004-A5450	2/28/04	Water	CT&E	Oil & Grease	3/9/04
NPDES Sampling	004-A5461	3/1/04	Water	CT&E	Oil & Grease	3/9/04
NPDES Sampling	005-A5468/A5469	3/2/04	Water	CT&E	PCB, BOD, TSS	3/9/04
NPDES Sampling	005-A5487/A5488	3/9/04	Water	CT&E	PCB	3/17/04
NPDES Sampling	005-A5499/A5500	3/16/04	Water	CT&E	PCB	3/23/04
NPDES Sampling	005-A5521/A5522	3/23/04	Water	CT&E	PCB	3/31/04
NPDES Sampling	005-A5535/A5536	3/30/04	Water	CT&E	PCB	
NPDES Sampling	01A-A5474	3/6/04	Water	CT&E	Oil & Grease	3/17/04
NPDES Sampling	01A-A5476	3/6/04	Water	CT&E	PCB	3/17/04
NPDES Sampling	05B-A5477	3/6/04	Water	CT&E	Oil & Grease	3/17/04
NPDES Sampling	05B-A5479	3/6/04	Water	CT&E	PCB	3/17/04
NPDES Sampling	09A-A5459	3/1/04	Water	CT&E	TSS, BOD	3/9/04
NPDES Sampling	09A-A5489	3/9/04	Water	CT&E	BOD	3/17/04
NPDES Sampling	09A-A5501	3/16/04	Water	CT&E	TSS, BOD	3/23/04
NPDES Sampling	09A-A5506	3/21/04	Water	CT&E	TSS	3/31/04
NPDES Sampling	09A-A5523	3/23/04	Water	CT&E	BOD	3/31/04
NPDES Sampling	09A-A5529	3/28/04	Water	CT&E	TSS	
NPDES Sampling	09A-A5537	3/30/04	Water	CT&E	BOD	
NPDES Sampling	09B-A5449	2/24/04	Water	CT&E	TSS, BOD	3/1/04
NPDES Sampling	09B-A5460	3/1/04	Water	CT&E	TSS, BOD	3/9/04
NPDES Sampling	09B-A5480	3/7/04	Water	CT&E	TSS	3/17/04
NPDES Sampling	09B-A5490	3/9/04	Water	CT&E	BOD	3/17/04
NPDES Sampling	09B-A5502	3/16/04	Water	CT&E	TSS, BOD	3/23/04
NPDES Sampling	09B-A5507	3/21/04	Water	CT&E	TSS	3/31/04
NPDES Sampling	09B-A5524	3/23/04	Water	CT&E	BOD	3/31/04
NPDES Sampling	09B-A5538	3/30/04	Water	CT&E	BOD	
NPDES Sampling	09C-A5447	2/23/04	Water	CT&E	Oil & Grease	3/1/04
NPDES Sampling	09C-A5463	3/1/04	Water	CT&E	Oil & Grease	3/9/04
NPDES Sampling	09C-A5485	3/8/04	Water	CT&E	Oil & Grease	3/17/04
NPDES Sampling	09C-A5503	3/17/04	Water	CT&E	Oil & Grease	3/31/04
NPDES Sampling	09C-A5508	3/21/04	Water	CT&E	Oil & Grease	3/31/04
NPDES Sampling	64G-A5457	3/1/04	Water	CT&E	Oil & Grease	3/9/04
NPDES Sampling	64G-A5483	3/8/04	Water	CT&E	Oil & Grease	3/17/04
NPDES Sampling	64G-A5496	3/15/04	Water	CT&E	Oil & Grease	3/23/04
NPDES Sampling	64G-A5512	3/22/04	Water	CT&E	Oil & Grease	3/31/04
NPDES Sampling	64G-A5532	3/29/04	Water	CT&E	Oil & Grease	
NPDES Sampling	64T-A5455	3/1/04	Water	CT&E	Oil & Grease	3/9/04
NPDES Sampling	64T-A5481	3/8/04	Water	CT&E	Oil & Grease	3/17/04
NPDES Sampling	64T-A5494	3/15/04	Water	CT&E	Oil & Grease	3/23/04
NPDES Sampling	64T-A5510	3/22/04	Water	CT&E	Oil & Grease	3/31/04

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

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received
NPDES Sampling	64T-A5530	3/29/04	Water	CT&E	Oil & Grease	
NPDES Sampling	A5472R	3/11/04	Water	CT&E	Acute Toxicity Test	3/22/04
NPDES Sampling	A5472RCN	3/11/04	Water	CT&E	CN	3/18/04
NPDES Sampling	A5472RTM	3/11/04	Water	CT&E	Metals (10)	3/18/04
NPDES Sampling	A5473C	3/11/04	Water	CT&E	Acute Toxicity Test	3/22/04
NPDES Sampling	A5473CCN	3/11/04	Water	CT&E	CN	3/18/04
NPDES Sampling	A5473CDM	3/11/04	Water	CT&E	Filtered Metals (8)	3/18/04
NPDES Sampling	A5473CTM	3/11/04	Water	CT&E	Metals (10)	3/18/04
NPDES Sampling	APR04WK1	3/30/04	Water	CT&E	Cu, Pb, Zn	
NPDES Sampling	MAR04WK1	3/2/04	Water	CT&E	Cu, Pb, Zn	3/9/04
NPDES Sampling	MAR04WK3	3/16/04	Water	CT&E	Cu, Pb, Zn	3/23/04
NPDES Sampling	MAR04WK4	3/23/04	Water	CT&E	Cu, Pb, Zn	3/31/04
NPDES Sampling	SR068-A5525	3/27/04	Water	CT&E	Oil & Grease	
NPDES Sampling	SR068-A5527	3/27/04	Water	CT&E	PCB	
Stormwater Monitoring	001-A5514	3/20/04	Water	CT&E	Zinc	3/26/04
Stormwater Monitoring	007-A5515	3/20/04	Water	CT&E	Zinc	3/26/04
Stormwater Monitoring	YD12-A5516	3/20/04	Water	CT&E	Zinc	3/26/04
Stormwater Monitoring	YD13-A5517	3/20/04	Water	CT&E	Zinc	3/26/04
Stormwater Monitoring	YD5-A5519	3/20/04	Water	CT&E	Zinc	3/26/04
Stormwater Monitoring	YD9-A5518	3/20/04	Water	CT&E	Zinc	3/26/04

TABLE A-2
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	001-A5452 03/01/04	001-A5454 03/01/04	001-A5465 03/02/04	01A-A5474 03/06/04	01A-A5476 03/06/04	004-A5450 02/28/04	004-A5461 03/01/04	005-A5468/A5469 03/02/04	005-A5487/A5488 03/09/04
PCBs-Unfiltered									
Aroclor-1254	NA	0.00093	NA	NA	0.0015	NA	NA	0.000051 J	0.00018
Aroclor-1260	NA	0.00090	NA	NA	0.00088	NA	NA	0.000032 J	0.00016
Total PCBs	NA	0.00183	NA	NA	0.00238	NA	NA	0.000083 J	0.00034
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	ND(2.0)	NA
Oil & Grease	6.9	NA	NA	ND(5.0)	NA	ND(5.0)	4.7 B	NA	NA
Total Suspended Solids	NA	NA	55.0	NA	NA	NA	NA	ND(5.00)	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	005-A5499/A5500 03/16/04	005-A5521/A5522 03/23/04	05B-A5477 03/06/04	05B-A5479 03/06/04	09A-A5459 03/01/04	09A-A5489 03/09/04	09A-A5501 03/16/04	09A-A5506 03/21/04	09A-A5523 03/23/04
PCBs-Unfiltered									
Aroclor-1254	0.000052 J	0.000085	NA	0.0044	NA	NA	NA	NA	NA
Aroclor-1260	0.000045 J	0.000052 J	NA	0.0069	NA	NA	NA	NA	NA
Total PCBs	0.000097 J	0.000137	NA	0.0113	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	4.2	ND(2.0)	ND(2.0)	NA	ND(2.0)
Oil & Grease	NA	NA	3.0 B	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	7.00	NA	8.00	5.00	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	09B-A5449 02/24/04	09B-A5460 03/01/04	09B-A5480 03/07/04	09B-A5490 03/09/04	09B-A5502 03/16/04	09B-A5507 03/21/04	09B-A5524 03/23/04	09C-A5447 02/23/04	09C-A5463 03/01/04	09C-A5485 03/08/04
PCBs-Unfiltered										
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)	ND(2.0)	ND(2.0)	NA	ND(2.0)	ND(2.0)	NA	ND(2.0)	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	4.9 B	3.8 B	ND(5.0)
Total Suspended Solids	5.00	7.00	17.0	NA	5.00	10.0	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	09C-A5503 03/17/04	09C-A5508 03/21/04	64G-A5457 03/01/04	64G-A5483 03/08/04	64G-A5496 03/15/04	64G-A5512 03/22/04	64T-A5455 03/01/04	64T-A5481 03/08/04	64T-A5494 03/15/04	64T-A5510 03/22/04
PCBs-Unfiltered										
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered										
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals										
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	3.4 B	ND(5.0)	ND(5.0)	1.8 B	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	1.9 B	ND(5.0)
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	A5472RCN 03/11/04	A5472RTM 03/11/04	A5473CCN 03/11/04	A5473CDM 03/11/04	A5473CTM 03/11/04	MAR04WK1 03/02/04	MAR04WK3 03/16/04	MAR04WK4 03/23/04
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	ND(0.100)	NA	NA	0.0580 B	NA	NA	NA
Cadmium	NA	ND(0.00100)	NA	NA	ND(0.00100)	NA	NA	NA
Calcium	NA	14.0	NA	NA	75.0	NA	NA	NA
Chromium	NA	0.00160 B	NA	NA	0.00140 B	NA	NA	NA
Copper	NA	0.00130 B	NA	NA	0.00920	0.0170	0.0140	0.0120
Cyanide	ND(0.0200)	NA	0.0190 B	NA	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	ND(0.00500)	0.00720	ND(0.00500)	ND(0.00500)
Magnesium	NA	5.20	NA	NA	29.0	NA	NA	NA
Nickel	NA	0.00180 B	NA	NA	0.00150 B	NA	NA	NA
Silver	NA	0.00200 B	NA	NA	0.00170 B	NA	NA	NA
Zinc	NA	0.00600 B	NA	NA	0.0190 B	0.0520	0.0350	0.0320
Inorganics-Filtered								
Aluminum	NA	NA	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	NA	NA	NA	0.00110	NA	NA	NA	NA
Chromium	NA	NA	NA	0.00110 B	NA	NA	NA	NA
Copper	NA	NA	NA	0.00680	NA	NA	NA	NA
Lead	NA	NA	NA	ND(0.00500)	NA	NA	NA	NA
Nickel	NA	NA	NA	0.00190 B	NA	NA	NA	NA
Silver	NA	NA	NA	0.00200 B	NA	NA	NA	NA
Zinc	NA	NA	NA	0.0170 B	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1. Samples were collected by General Electric Company, and were submitted to CT&E 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 and conventional parameters only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics and Conventional Parameters
B - Analyte was also detected in the associated method blank.
J - Indicates an estimated value less than the practical quantitation limit (PQL).

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

TABLE A-3
DATA RECEIVED DURING MARCH 2004

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

Parameter / Sample ID: / Date Collected:	001-A5514 03/20/04	007-A5515 03/20/04	YD5-A5519 03/20/04	YD9-A5518 03/20/04	YD12-A5516 03/20/04	YD13-A5517 03/20/04
Inorganics-Unfiltered						
Zinc	0.240	0.120	0.200	0.190	0.280	0.0550

Notes:
1. Samples were collected by General Electric Company and submitted to CT&E Environmental Services, Inc. for analysis of zinc.

Attachment B

NPDES Discharge Monitoring Reports
February 2004

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

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: FROM YEAR 04 MO 02 DAY 01 TO YEAR 04 MO 02 DAY 29

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 AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		7.9	******	8.5	(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	1.7	1.7	(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	******	1.5	(26) LBS/DY	******	******	4.0	(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	0.093	0.264	(03) MGD	******	******	******		0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1.10 MO AVG	2.55 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	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: AREA CODE 413 NUMBER 494-3500

DATE: YEAR 2004 MO 3 DAY 23

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)*

Form Approved.
OMB No. 2040-0004

MA0003891 — PERMIT NUMBER
004 1 — DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	02	01	TO	04	02	29

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		8.3	******	8.3	(12) SU	0	01/DW	GR
00400 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	*******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
OIL & GREASE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/30	GR
00556 P 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	261 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		ONCE/ MONTH	GRAB
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	NODI [9]	(26) LBS/DY	******	******	******				
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	0.0001	0.001	(03) MGD	******	******	******		0	99/99	RC
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

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	3	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE IN PLANT MANHOLE STATION ON 004.

Form Approved.
OMB No. 2040-0004

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

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

MA0003891	005 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	02	01	TO	04	02	29

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 T 0 0 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 0 0 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 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	15.1	(26) LBS/DY	******	******	4.0	(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 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.0001	0.0001	(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 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.223	0.360	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 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	3	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	02	01	TO	04	02	29

*** 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	******	******		7.2	******	7.8	(12) SU	0	99/99	RCDR
00400 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19)			
76030 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19)			
78732 T O O SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	****** **** ****		******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			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	3	23
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	02	01	TO	04	02	29

Form Approved.
OMB No. 2040-0004

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PH	SAMPLE MEASUREMENT	******	******		6.9	******	8.0	(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

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	3	23
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	007 1

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	02	01	TO	04	02	29

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

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING 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
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******	42	42	(15) DEG.F	0	01/30	GR
00011 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	******	******		6.6	******	7.4	(12) SU	0	01/07	GR
00400 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-O
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(21)			
39516 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.001	0.007	(03) MGD	******	******	******		0	25/30	CA
50050 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	3	23
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	02	01	TO	04	02	29

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

*** NO DISCHARGE | __ | ***

NOTE: Read instructions before completing this form.

Form Approved.
OMB No. 2040-0004

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	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	1.1	1.7	(26) LBS/DY	******	******	******		0	01/DW	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		7.3	******	7.8	(12) SU	0	~~1/07~~ 01/DW MTC	GR
00400 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	4.3	13.8	(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	******	1.9	(26) LBS/DY	******	******	4.9	(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	0.004	0.085	(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	3	23
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 — PERMIT NUMBER
009 A — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 04 MO 02 DAY 01 TO YEAR 04 MO 02 DAY 29

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

*** NO DISCHARGE | | ***

Form Approved.
OMB No. 2040-0004

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	0.9	1.7	(26) LBS/DY	******	******	******		0	01/DW	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	3.2	9.3	(26) LBS/DY	******	******	******		0	01/DW	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	0.003	0.053	(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		
AREA CODE	NUMBER		YEAR	MO	DAY
413	494-3500		2004	3	23

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)

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 B

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	02	01	TO	04	02	29

*** NO DISCHARGE |__| ***

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	AVERAGE	MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.5	1.4	(26) LBS/DY	******	******	******		0	01/DW	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	2.6	4.5	(26) LBS/DY	******	******	******		0	01/DW	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	0.002	0.032	(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.

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	NUMBER	DATE YEAR	MO	DAY
413	494-3500	2004	3	23

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)*

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM A

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

	MONITORING PERIOD		
	YEAR	MO	DAY
FROM	04	02	01
TO	04	02	29

*** NO DISCHARGE |__| ***

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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			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
01074 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
SILVER TOTAL RECOVERABLE	SAMPLE MEASUREMENT	******	0	(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	(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	******	0.01	(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

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Mgr. Pittsfield Remediation Prog.

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	494-3500	2004	3	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

COMPOSITE PROPORTIONATE TO FLOW.

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

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

MA0003891 — PERMIT NUMBER
SUM A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	04	02	01	TO	04	02	29

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

*** NO DISCHARGE | | ***

Form Approved.
OMB No. 2040-0004

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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 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.06	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
CYANIDE, TOTAL RECOVERABLE 78248 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.17	(26) LBS/DY	******	******	******		0	01/30	CP
	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

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Michael T. Carroll
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TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	494-3500	2004	3	23

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 — PERMIT NUMBER
SUM B — DISCHARGE NUMBER

MONITORING PERIOD: FROM YEAR 04 MO 02 DAY 01 TO YEAR 04 MO 02 DAY 29

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	******	******		100	******	******	% (23)	0	01/30	CP
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	********	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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Mgr. Pittsfield Remediation Prog.
TYPED OR PRINTED

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TELEPHONE		DATE		
413	494-3500	2004	3	23
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.

Attachment C

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

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

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

Samples collected in March 2004

Submitted to:

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

SGS Sample ID: TA4-C0-P340

Study Director: Ken Holliday

22 March 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
Study Director
ken_holliday@sgs.com

March 22, 2004
Date

Titshina L. Mims
Technical Writer

March 22, 2004
Date

Chris Couch
Project Manager
chris_couch@sgs.com

March 22, 2004
Date

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: March 22, 2004
Date

Jeannie Latterner
Authorized signature

Jeannie Latterner
Name

QA/QC Manager
Title

SGS Environmental Services
Laboratory

Table of Contents

List of Tables

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-C0-P340
Test Material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE Sample ID:	A5473C
Dilution Water:	Water from the Housatonic River (grab sample)
GE Sample ID:	A5472R
Dates Collected:	March 10, 2004 to March 11, 2004
Date Received:	March 12, 2004
Test Dates:	March 12, 2004 to March 14, 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 March 12, 2004 to March 14, 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 (A5473C) was collected by GE personnel from March 10, 2004 to March 11, 2004. Upon receipt at SGS on March 12, 2004, the sample temperature was 2.6° C. The effluent sample was characterized as having

Parameter	Result
Total Hardness	260
Alkalinity (as $CaCO_3$)	304
pH	7.45
Specific Conductance	1353
Dissolved Oxygen Concentration*	8.86

*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 (A5472R) was collected by General Electric personnel on March 11, 2004. Upon receipt at SGS on March 12, 2004, the sample temperature was 2.6°C. The dilution water was characterized as having

Parameter	Result
Total Hardness	120
Alkalinity (as $CaCO_3$)	51
pH	6.64
Specific Conductance	210
Dissolved Oxygen Concentration*	8.72

*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	100
Alkalinity (as $CaCO_3$)	67
pH	7.08
Specific Conductance	324
Dissolved Oxygen	8.91

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

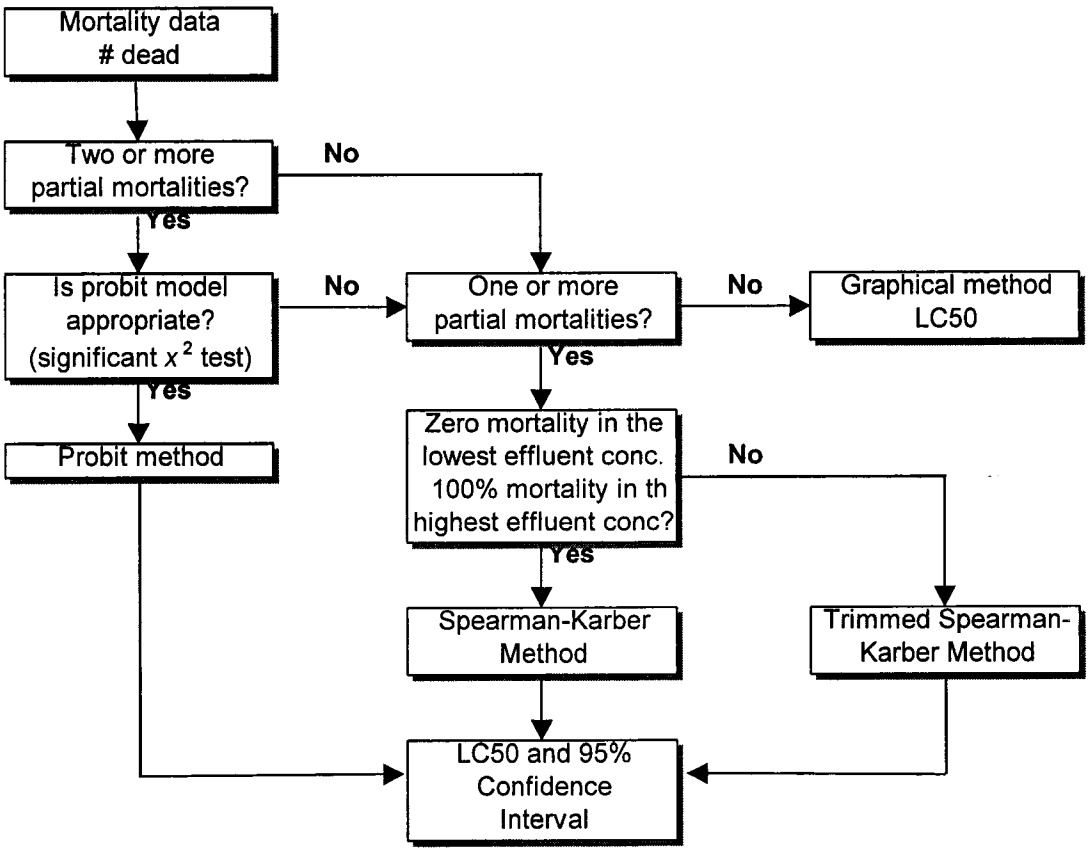
A 48-hour reference toxicity test exposing *Daphnia pulex* to sodium chloride (NaCl) was conducted from March 12, 2004 to March 14, 2004. The reference test was conducted to establish the health of the test organisms. The reference toxicity test included five NaCl concentrations and a dilution water 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 ≥ 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 March 12, 2004 to March 14, 2004, and the resulting 48-hour LC50 was estimated by Trimmed Spearman-Karber Method to be 2253 mg NaCl/L (95% confidence intervals of 1882 to 2698 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.

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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	0.02 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 (A5473C)	Housatonic River (A5472R)
Temperature	20.7°C	20.7°C
PH	7.45	6.64
Alkalinity (as $CaCO_3$)	304 mg/L	51 mg/L
Hardness (as $CaCO_3$)	260 mg/L	120 mg/L
Dissolved Oxygen	8.86 mg/L	8.72 mg/L
Specific Conductivity	1353 μmhos/cm	210 μmhos/cm
Salinity	N/A	N/A
Total Residual Chlorine	ND	ND
Ammonia as N (0-Hour)	ND	ND
Total Phosphorus as P	0.023 mg/L	ND
Chloride	220 mg/L	21 mg/L
Total Suspended Solids	5 mg/L	5 mg/L
Total Solids	700 mg/L	110 mg/L
Total Organic Carbon	1.7 mg/L	3.1 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	7.08	7.14	7.20	8.91	8.70	8.64	20.7	20.1	19.6
Secondary Ref Control	7.14	7.21	7.27	8.87	8.67	8.68	20.7	20.1	19.6
Dilution Water Control	6.64	6.75	6.77	8.72	8.60	8.67	20.7	20.1	19.6
5% Effluent	6.79	6.81	6.97	8.70	8.69	8.60	20.7	20.1	19.6
15% Effluent	6.89	6.92	7.07	8.74	8.70	8.62	20.7	20.1	19.6
35% Effluent	7.18	7.24	7.28	8.77	8.68	8.54	20.7	20.1	19.6
50% Effluent	7.29	7.27	7.33	8.78	8.74	8.67	20.7	20.1	19.6
75% Effluent	7.37	7.44	7.51	8.82	8.77	8.62	20.7	20.1	19.6
100% Effluent	7.45	7.52	7.50	8.86	8.74	8.61	20.7	20.1	19.6

Dissolved oxygen, pH and temperature were measured in one replicate test chamber (A) for each concentration and controls.
The appearance of the effluent was clear, with some sediment.

Reference Control = moderately hard synthetic water
Secondary Control = moderately hard synthetic water and 0.1 N sodium thiosulfate ($Na_2S_2O_3$)
Dilution Water Control = receiving water collected from the Housatonic River

Table 4. Cumulative percent mortalities recorded during the 48-hour static toxicity test exposing *Daphnia pulex* to General Electric Pittsfield Plant effluent.

Test Matrix ↓	Cumulative Percent Mortality (%)											
	24-Hour						48-Hour					
	A	B	C	D	E	Mean	A	B	C	D	E	Mean
Reference Control	0	0	0	0	0	0	0	0	0	0	0	0
Secondary Ref Control	0	0	0	0	0	0	0	0	0	0	0	0
Dilution Water Control	0	0	0	0	0	0	0	0	0	0	0	0
5% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
15% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
35% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
50% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
75% Effluent	0	0	0	0	0	0	0	0	0	0	0	0
100% Effluent	0	0	0	0	0	0	0	0	0	0	0	0

Reference Control = moderately hard synthetic water
$Na_2S_2O_3$ Control = moderately hard synthetic water and sodium thiosulfate (0.1 N)
Dilution Water Control = receiving water collected from the Housatonic River

Appendix I

References

CT&E Environmental Services Inc.

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

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Document Control Number: 7002.

Approved by: _____ Supervisor Date 10/21/98

Approved by: _____ QA/QC Officer Date 10/20/98

1.0 SUMMARY

A 24-, 48-, or 96-hour test to determine the toxicity to freshwater aquatic animals of effluents.

2.0 REFERENCES

2.1 Weber, Cornelius I., *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027. U.S.EPA, Cincinnati, Ohio.

2.2 *Reporting and Testing Guidance for Biomonitoring Required by the Ohio Environmental Protection Agency* , October, 1991.

2.3 *Toxics Management Program's Guidance for Conduction and Reporting the Results of Toxicity Tests in Fulfillment of VPDES Permit Requirements*, Revised July 1992.

3.0 SCREENING

3.1 Test Duration

24 Hours, 48 Hours or 96 Hours.

3.2 Test Preparation

3.2.1 Measure the pH, D.O. and total residual chlorine of the 100% effluent and the control water. If the effluent pH falls outside of the range of 6.0-9.0, two parallel tests are set up in which one effluent is adjusted and the other is not. The pH is adjusted to 7.0 using additions of 1N NaOH and HCl, (other pH adjustment endpoints may be utilized depending on local requirements). The measured amount of acid or base is recorded on the bench sheet. If the D.O. is below 40% saturation or above 100% saturation, the effluent is aerated prior to test initiation. If the total chlorine is above 0.1 mg/L, two parallel tests are set up in which one

effluent is dechlorinated and the other is not (Dechlorination may be prohibited; permit is checked to determine if dechlorination is allowed). The effluent is dechlorinated by the addition of anhydrous sodium thiosulfate. The measured amount is recorded on the bench sheet. Care is taken to add the least amount of sodium thiosulfate needed to decrease the TRC level below 0.10 mg/L. Typically, adjustment of effluent is unnecessary.

3.2.2 Twenty organisms per concentration are used in acute screening tests.

3.2.3 This is a static, non-renewal test, using *Ceriodaphnia dubia, Daphnia pulex, Daphnia magna*, or *Pimephales promelas* (Fathead minnow).

3.2.4 Water quality (D.O., pH, conductivity, hardness, alkalinity and TRC), is measured at the time of test initiation. At test termination, temperature, D.O. conductivity and pH are measured. The final mortality and percent effected counts are recorded. Temperature is maintained at 25°± 1°C for *Daphnia*, and 20° ± 1°C for fathead minnows. Facilities exist to perform both fish and *Daphnia* tests at either temperature.

3.3 Test Results

No statistical analysis is performed on screening data.

4.0 DEFINITIVE TEST

4.1 *Pimephales promelas* (Fathead Minnows)

4.1.1 Test Duration

48-Hours or 96-Hours

4.1.2 Static non-renewal

4.1.3 Test Preparation

4.1.3.1 This test is comprised of a control and an effluent dilution series usually consisting of 100%, 50%, 25%, 12.5% and 6.25% (unless otherwise indicated).

4.1.3.2 The sample is brought up to test temperature in a room temperature water bath. Chemical parameters are checked and

recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.1.3.3 The dilutions are prepared in calibrated graduated cylinders using moderately hard synthetic water as dilution water. Other dilution water may be used if specified.

4.1.3.4 Approximately 400 ml of test solution is placed in each of two 800 ml disposable plastic beakers.

4.1.4 Loading

Ten (10) organisms are placed in each beaker. CT&E uses fish which are less than 14 days old and are hatched within the same 24 hour period. A loading limit of 0.8 g/l is observed. Fish are loaded by first transferring them to a shallow dish where they are easily transferred into the test solutions with wide-bore pipettes.

4.1.5 Test Temperature

20° C (± 1)

4.1.6 Daily Procedures

4.1.6.1 At the end of each 24 hours, the pH, D.O. and temperatures are checked and recorded. At this time mortalities are also recorded.

4.1.6.2 If a 96 hour static acute test is required, the test solution may be renewed at 48 hours. Renewal is accomplished by siphoning old test solution and debris and replacing with fresh solution of the appropriate concentration.

4.1.6.3 At the end of 48 hours or 96 hours the final mortalities and percent affected are recorded along with the final water qualities (D.O., pH, conductivity).

4.1.7 Feeding

Organisms are allowed to feed only prior to test initiation, and prior to renewal at 48 hours in a 96 hour test.

4.2 *Ceriodaphnia dubia, Daphnia magna,* and *Daphnia pulex*

4.2.1 Test Duration

48-Hours

4.2.2 Static Non-renewal

4.2.3 Test Preparation

4.2.3.1 This test is comprised of a control and a dilution series consisting of 100%, 50%, 25%, 12.5% and 6.25% of the effluent (unless otherwise indicated).

4.2.3.2 The sample is brought up to test temperature in a room temperature waterbath. Chemical parameters are checked and recorded. If the pH, D.O. or chlorine fall outside the acceptable testing range, the effluent may be adjusted (see screening; Test Preparation).

4.2.3.3 The dilutions are prepared in beakers using moderately hard synthetic water (see Section II; Dilution Waters and Culture Media), unless other dilution water is specified. At least 25 ml. of each dilution are placed in five 30 ml. testing vessels.

4.2.4 Loading

4.2.4.1 Four organisms are placed in each vessel. The *Daphnids* are loaded with a disposable polyethylene transfer pipette and are gently released below the surface of the water to avoid the risk of injury.

4.2.5 Test Temperature

The test is conducted in a constant temperature incubator at 25° ±1° C(To satisfy local requirements tests may be conducted at other temperatures).

4.2.6 Daily Procedure

4.2.6.1 At 24 and 48 hours the mortalities and number adversely effected are noted.

4.2.6.2 Due to the fragile structure of *Daphnia* organisms, dissolved oxygen, hardness alkalinity, specific conductance and pH readings are not taken after the organisms have been added to the sample. These analyses could cause injury to the *Daphnia* organisms.

4.2.7 Photoperiod

16 hours light, 8 hours dark.

4.2.8 Feeding

Organisms are allowed to feed prior to test initiation; they are not fed for the duration of the test.

5.0 TEST DATA

5.1 *Pimephales promelas, Ceriodaphnia dubia, Daphnia magna* and *Daphnia pulex*

5.1.1 Mortality and adverse effects are used as the endpoints for a definitive test.

5.1.2 Chemical parameters checked before test initiation, at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.3 Mortalities recorded at 24 hours, 48 hours, 72 hours and 96 hours.

5.1.4 Any atypical behavior or complications are recorded.

6.0 DATA ANALYSIS

6.1 Introduction

Data from acute effluent toxicity tests are used to estimate the **LC50** and **EC50**. The **LC50** is a point estimate of the effluent concentration that is expected to cause lethality to 50% of the test organisms. The **EC50** is a point estimate of

the effluent concentration that is expected to cause and adverse effects to 50% of the test organisms.

6.2 Methods for Estimating the LC50 & EC50

6.2.1 The flow chart (Figure 6) on page 76 of the manual, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms* (Fourth Edition), EPA-600/4-90-27F, Appendix A, Sections 4.4.1 through 4.4.3. is observed for determination of the LC50 for multi-concentration acute toxicity tests.

6.2.2 Several statistics packages, including Toxstat® 3.4, are available for data analysis.

7.0 REPORT PREPARATION

7.1 CT&E Acute Toxicity Test Reports Typically Contain the Following Information:

7.1.1 Test background information - Includes client, NPDES or state permit number, sampling point reference number, date collected and received, collector's name, type and date of test, dilution water used, test results, and chain of custody forms.

7.1.2 Results - **LC50 & EC50** values and analysis method used; Any comments concerning the test results.

7.1.3 Initial Characterization of the Effluent Sample - Raw Data Sheets: Includes dissolved oxygen (DO), pH, specific conductivity, hardness, alkalinity and a description of the sample source.

7.1.4 Reference Toxicity Data

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Standard Operating Procedure

Document Title: Culture Waters for Aquatic Toxicity Testing
Method Reference: CT&E/USEPA
Document File Name: 7005-04.DOC
Revision Number: 4.0
Effective Date: October 20, 1998

Document Control Number: 7005

Approved by: Ken Halliday (Supervisor) 10/21/98 (Date)

Approved by: Wade M. Work (QA/QC Officer) 10/20/98 (Date)

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 $CaSO_4 \cdot 2H_2O$ 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 $CaSO_4 \cdot 2H_2O$ 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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Standard Operating Procedure

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Document Control Number: 7005.

4.0 Synthetic Water Solutions

4.1 KCL Stock Solution

4.1.1 Place 8 g of crystalline, reagent grade KCL in a 1 liter volumetric flask.
4.1.2 Bring the volume to one liter with distilled water.
4.1.3 Aerate vigorously for several hours before using.
4.1.4 Store in a 1 liter polyethylene bottle.

4.2 $MgSO_4$ Stock Solution

4.2.1 Place 120 g of regent water, anhydrous $MgSO_4$ powder in a 1 liter volumetric flask.
4.2.2 Bring the volume to one liter with distilled water.
4.2.3 Aerate vigorously for several hours before using.
4.2.4 Store in a 1 liter polyethylene bottle.

4.3 $NaHCO_3$ Stock Solution

4.3.1 Place 96 g of reagent grade $NaHCO_3$ powder in a 1 liter volumetric flask.
4.3.2 Bring the volume to 1 liter with distilled water
4.3.3 Aerate vigorously for several hours before using.
4.3.4 Store in a 1 liter polyethylene bottle.

5.0 Activated Carbon Treated Tap Water Diluent

5.1 Fill a 5-gallon carboy with water from the treatment system using the attached hose. Water should be allowed to flow slowly through the hose into the sink for 2-3 minutes before filling the carboy. Flow rate to fill the carboy should be slow.

5.2 One or two long airstones are placed in the filled carboy. Water is aerated vigorously for 48-hours.

5.3 Total residual chlorine must be checked on water from newly filled carboys before using.

5.4 Alkalinity, hardness and pH are checked on samples from dechlorinated water carboys according to the Laboratory Procedure Checklist.

5.5 Log information on the Dechlorinated Tap Water and Cechlorimeter log sheet including the carboy number and date filled.

6.0 Synthetic Sea Water Preparation

6.1 Fill a clean carboy with dechlorinated water to approximately the 25-gallon mark.

6.2 The newly filled carboy should be checked for the presence of chlorine and the results recorded on the saltwater carboy log sheet. If chlorine is present, two 4-inch airstones (adjusted to a moderately heavy air flow) should be introduced and the water aerated until a level of <0.01 mg/L is reached.

6.3 A sufficient amount of synthetic salt is added to the carboy to obtain the required salinity (usually 20 ppt).

6.4 All information should be logged on the Saltwater Carboy log sheet.

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Document Title: Culture of *Daphnia*
Method Reference: CT&E/USEPA
Document File Name: 7006-05.DOC
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Document Control Number: 7006

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

Approved by: [signature] (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.

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**
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Document Control Number: 7008

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

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

1.0 Summary

To insure that healthy organisms are used in testing, CT&E performs monthly QA/QC tests on all in-house cultured organisms. CT&E uses Sodium Chloride as a reference toxicant.

2.0 *Pimephales promelas*

2.1 48 hour static acute toxicity tests are run at 20°C (±1°C) using fish 1 to 14 days old.

2.2 This test consists of a control and a dilution series of 10g/L, 9g/L, 8g/L, 7g/L, and 6g/L, of sodium chloride. Other dilution series may be used.

2.3 The dilutions are prepared in 800 ml disposable plastic beakers using moderately hard synthetic water. 500 mls of test solution is placed in each of two replications. Water quality values are measured and recorded at this time.

2.4 Ten organisms are placed in each replicate. Fish are loaded by first siphoning them into a shallow pan from which they are transferred to the beakers with a large bore pipette.

2.5 The test is terminated at 48 hours. At this time, mortalities are recorded along with final water quality data.

3.0 Daphnids *(Ceriodaphnia dubia, Daphnia magna, Daphnia pulex)*

3.1 48 hour static acute tests are performed at 25°C (±1°C) using organisms less than 24 hours old.

3.2 These tests consist of a control and a five dilution series. The concentration of the reference toxicant is varied depending on species.

3.2.1 *Ceriodaphnia dubia, Daphnia pulex:* 10, 5, 2.5, 1.25, 0.625 grams/L

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.

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Standard Operating Procedure

Document Title: Sample Handling for Aquatic Toxicity Testing
Method Reference: CT&E/USEPA
Document File Name: 7009-04.DOC
Revision Number: 4.0
Effective Date: October 20, 1998

Document Control Number: 7009

Approved by: Ken Holliday (Supervisor) Date: 10/21/98

Approved by: Lydia M. Dorn (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.

4.2 Balances

Analytical balances are calibrated against standard weights prior to use. All calibration results and adjustments are recorded in bound books.

4.3 Water Quality Meters

Meters are calibrated prior to use using known standards and the manufacturer's instructions. Records of calibration are kept in logbooks. Detailed procedures for the operation of these meters are found in SOP's for each specific instrument.

4.4 Reagents

All reagents are stored in a separate area. Expired reagents and chemicals are discarded.

4.5 Test Containers

All test containers are either clean reusable glassware or new, disposable plastic beakers.

5.0 EQUIPMENT CLEANING PROCEDURES

5.1 Equipment used in culturing or testing is washed in the following manner:

5.1.1 Soak 15 minutes and scrub with detergent in tap water.
5.1.2 Rinse three times with tap water.
5.1.3 Rinse once with 20% nitric acid.
5.1.4 Rinse twice with deionized water.
5.1.5 Rinse once with full-strength, pesticide-grade acetone.
5.1.6 Rinse well with deionized water.
5.1.7 Invert and air dry.
5.1.8 All equipment and test chambers are rinsed with deionized water immediately prior to use for each test.

Appendix II
Chain of Custody

Chain of Custody Record

General Electric Co.

100 Woodlawn Ave. Pittsfield, MA 01201

Chain of Custody #: OBG031104

TA4-CO-P340-001/002

Dry **Weather Acute Aquatic Toxicity for** March 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**
A5473C	3/10 to 3/11/04	10^00 AM	1 Gallon plastic	Definitive Test(LC50 and NOAEL), Static acute toxicity, 48 hr w/ Daphnia pulex	Chilled	(See below)
A5473C	3/10 to 3/11/04	10^00 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A5473C	3/10 to 3/11/04	10^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	
A5472R	3/11/04	8^00 AM	1 Gallon plastic	Housatonic River water dilution water for definitive test	Chilled	
A5472R	3/11/04	8^00 AM	1000 ml. plastic	Chloride, TSS,Total Solids, Alkalinity Specific Conductance, CL2	Chilled	
A5472R	3/11/04	8^00 AM	500 ml. plastic	Total Phosphorus, TOC, NH3	H2SO4	

Relinquished By:	**Date/Time**	**Received By:**	**Date/Time**
Mark Wasnewsky	3-11-04 14:00	Wayne Penny	
Relinquished By: Wayne Penny	**Date/Time** 3-11-04 14:30	**Received By:**	**Date/Time** 3/12/04 0835

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- 7^50 AM 004- / 005-64T- 7^00 AM 005-64G- 7^00 AM 007- / 09A- / 09B- /

2.6 °C

The time of compositing the final flow-proportioned sample was 10^00 A.M.

Appendix III

Bench Data

General Electric – 48-hour Acute Biotoxicity Bench Sheet

Client: General Electric

Project: Dry Weather Acute

Lab. No.: TA4-CO-P340-001/002

Date Received: 3/12/04

Sample Date: 3/11/04 Time: 10:00

Date Analyzed: 3/12/04

Source: Effluent Composite

Analyst(s): KH

Source of dilution water: Housatonic River Water

Test Species: *Daphnia pulex* Age: <24 hours> Temp. Range: °C

Type of Test: 48-Hour Static Acute

Total Chlorine: n/d

	Beginning	Ending
Date:	3/12/04	3/14/04
Time:	1300	1300

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	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
Hardness	120	100	110						260
D.O.	8.72	8.91	8.87	8.70	8.74	8.77	8.78	8.82	8.86
pH	6.64	7.08	7.14	6.79	6.89	7.18	7.29	7.37	7.45
Alkalinity	51	67	70						304
Sp. Conduct.	210	324	330	256	384	613	820	1178	1353
24 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
D.O.	8.60	8.70	8.67	8.69	8.70	8.68	8.74	8.77	8.74
pH	6.75	7.14	7.21	6.81	6.92	7.24	7.27	7.44	7.52
Sp. Conduct.	219	336	345	268	391	630	844	1196	1370
48 HOUR									
No. Surviving	20	20	20	20	20	20	20	20	20
Temperature	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
D.O.	8.67	8.64	8.68	8.60	8.62	8.54	8.67	8.62	8.61
pH	6.77	7.20	7.27	6.97	7.07	7.28	7.33	7.51	7.50
Sp. Conduct.	228	349	362	274	410	637	862	1214	1366

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms.*, Fourth Edition. EPA-600/4-90/027F. U.S.EPA, Cincinnati, Ohio.

f:\public\forms\bioassay\GE bench sheet-acute.doc

Acute Biotoxicity Bench Sheet

Client: QC

Project: Reference Toxicant Lab. No.:

Date Received:

Sample Date: Time: Date Analyzed:

Source: NaCl Analyst: KH

Source of dilution water: Moderately Hard Synthetic Water

Test Species: Daphnia pulex Age: < 24 hours Temp. Range: °C

Type of Test: 48 hour Static Acute

Total Chlorine:

	Beginning	Ending
Date:	3/12/04	3/14/04
Time:	1400	1400

Concentration	Control		625	1250	2500	5000	10,000
START							
Temperature	20.6		20.6	20.6	20.6	20.6	20.6
Hardness	100						110
D.O.	8.8		8.8	8.8	8.8	8.8	8.8
pH	7.0		7.0	7.1	7.1	7.1	7.2
Alkalinity	71						74
Sp. Conduct.	328		1147	2282	3810	6770	11,120
24 HOUR							
Temperature	20.3		20.3	20.3	20.3	20.3	20.3
No. Surviving	20		20	20	14	7	0
48 HOUR							
Temperature	20.0		20.6	20.6	20.6	20.0	20.0
No. Surviving	20		20	18	9	0	0

Note: All results expressed in mg/L unless otherwise designated. < = less than

Note: Number in parenthesis equals number not adversely effected (EC_{50}). This number is used in calculating EC_{50} value.

Note: Due to fragile structure of *Daphnia* organisms, dissolved oxygen (DO), hardness, alkalinity, specific conductance, and pH reading could not be taken after the organisms are added to the sample. Doing so would cause injury to the organisms.

Method Reference: *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine*

TRIMMED SPEARMAN-KARBER METHOD. MONTANA STATE UNIV

FOR REFERENCE, CITE:
HAMILTON, M.A., R.C. RUSSO, AND R.V. THURSTON, 1977.
TRIMMED SPEARMAN-KARBER METHOD FOR ESTIMATING MEDIAN
LETHAL CONCENTRATIONS IN TOXICITY BIOASSAYS.
ENVIRON. SCI. TECHNOL. 11(7): 714-719;
CORRECTION 12(4):417 (1978).

DATE: 03/12/04 TEST NUMBER: - DURATION: 48 HOURS
CHEMICAL: NaCl SPECIES: D PULEX

RAW DATA:

CONCENTRATION(MG/L)	625.00	1250.00	2500.00	5000.00	*******
NUMBER EXPOSED:	20	20	20	20	20
MORTALITIES:	0	2	11	20	20

SPEARMAN-KARBER TRIM: 0.00%

SPEARMAN-KARBER ESTIMATES: LC50: 2253.13
95% LOWER CONFIDENCE: 1881.81
95% UPPER CONFIDENCE: 2697.71

Appendix IV

U.S. EPA Region I Toxicity Test Summary

Toxicity Test Summary Sheet

Facility Name: General Electric Co. Test Start Date: March 12, 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	☐ Flowthru
☐ 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): March 10, 2004 to March 11, 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: March 12, 2004 to March 14, 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