GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

June 9, 2006

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

Ms. Susan Steenstrup
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 May 2006 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for May 2006 activities conducted by GE at the GE-Pittsfield/Housatonic River Site. This monthly report is submitted pursuant to Paragraph 67 of the Consent Decree (CD) for this Site, which was entered by the U.S. District Court on October 27, 2000.

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

The enclosed monthly report includes, where applicable, tables that list the samples collected during the subject month, summarize the analytical results received during that month from sampling or other testing activities, and summarize other groundwater monitoring and oil recovery information obtained during that month. Also, enclosed for each of you (and for Weston) is a CD-ROM that contains these same tables of the analytical data and monitoring information in electronic form.

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

Sincerely,

John F. Novotny/amc

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

Enclosure
V:\GE_Pittsfield_General\Reports and Presentations\Monthly Reports\2006\5-06 CD Monthly\Letter.doc

cc: Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter only)
Sharon Hayes, EPA
William Lovely, EPA (Items 7, 8, 9, 10, 11, 12, 16/17, 22, 23, and 25 only)
Rose Howell, EPA (cover letter and CD-ROM of report)
Holly Inglis, EPA (hard copy and CD-ROM of report)
Susan Svirsky, EPA (Items 7, 15, and 20 only)
K.C. Mitkevicius, USACE (CD-ROM of report)
Thomas Angus, MDEP (cover letter only)
Jane Rothchild, MDEP (cover letter only)
Anna Symington, MDEP (cover letter only)
Nancy E. Harper, MA AG
Susan Peterson, CT DEP
Field Supervisor, US FWS, DOI
Kenneth Finkelstein, Ph.D., NOAA (Items 13, 14, and 15 only)
Dale Young, MA EOEA
Mayor James Ruberto, City of Pittsfield
Thomas Hickey, Director, Pittsfield Economic Development Authority
Linda Palmieri, Weston
Richard Nasman, P.E., Berkshire Gas (CD-ROM of report)
Michael Carroll GE (CD-ROM of report)
Andrew Silfer, GE (cover letter only)
Rod McLaren, GE (CD-ROM of report)
James Nuss, BBL
James Bieke, Goodwin Procter
Jim Rhea, QEA (narrative only)
Teresa Bowers, Gradient
Public Information Repositories (1 hard copy, 5 copies of CD-ROM)
GE Internal Repository (1 hard copy)

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

May 2006

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 is submitting this monthly report, prepared on GE's behalf by Blasland, Bouck & Lee, Inc. (BBL), 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)
MAY 2006

a. Activities Undertaken/Completed

- Attended Citizens Coordinating Council (CCC) meeting (May 17, 2006).

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

- Conducted sampling of potential backfill source at the Hurley Pit in Hinsdale, MA, and potential topsoil source at Stockpile #3 at Maxymillian Technologies, Inc. in Pittsfield, MA, as identified in Table G-1.* However, due to an error in sample shipping, the holding time was exceeded and the analysis was cancelled.

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 April 1 through April 30, 2006, are provided in Attachment B to this report.

- GE received a report from Columbia Analytical Services, Inc. titled *NPDES Biomonitoring Report for May 2006*, which included analytical results for samples collected for NPDES-related whole effluent toxicity testing, as well as an attached report from Aquatec Biological Sciences providing the results of the whole effluent toxicity testing performed in May 2006. A copy of this document is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue NPDES sampling and monitoring activities.

- Attend public and CCC meetings, as appropriate.

- Submit final version of update to *Project Operations Plan* (POP) following EPA review of draft.*

- Submit final version of update to *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) following EPA review of draft.*

GENERAL ACTIVITIES
(cont'd)
GE-PITTSFIELD/HOUSATONIC RIVER SITE
(GECD900)
MAY 2006

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

- Submit modification to FSP/QAPP regarding the cleaning procedure associated with the EPA TO-4 Puff analysis for air monitoring.*

- Resample the Hurley Pit in Hinsdale, MA and Stockpile #3 at Maxymillian Technologies, Inc. in Pittsfield, MA for potential use as backfill and topsoil sources.

- Join with Agencies in executing modification to Consent Decree to address revision to footprint of Hill 78 On-Plant Consolidation Area (OPCA) and use of crushed building demolition materials in 40s and 30s Complexes.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE G-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

GENERAL ACTIVITIES
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Backfill and Topsoil Sampling	HURLEY-BACKFILL-1	5/30/06	Soil	SGS	PCB, VOC, SVOC, Metals	Cancelled
Backfill and Topsoil Sampling	MAXYMILLIAN-TOPSOIL-1	5/30/06	Soil	SGS	PCB, VOC, SVOC, Metals	Cancelled

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MAY 2006

a. Activities Undertaken/Completed

- Continued concrete crushing/processing, stockpiling of crushed materials, and site restoration activities associated with 40s Complex demolition activities.

- Conducted sampling at Building 78 of water generated as a result of preparation of elemental mercury from 40s Complex for recycling, as identified in Table 1-1.

- Conducted sampling of oil from Building 43 elevator shaft, as identified in Table 1-1.

- Completed removal of TSCA carve-out in Building 42-1 slab and transported materials off site for disposal (as of June 2, 2006).

- Conducted air monitoring for particulates in connection with demolition activities in the 40s Complex, as identified in Table 1-1.

- Removed hydraulic piston and approximately 100 gallons of oil (LNAPL) from the Building 43 elevator shaft, and continued periodic water level measurements (see also Item 21.a).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted letter regarding partial removal and restoration of floor slabs at Buildings 42, 43/43A, and 44 (May 1, 2006).

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

- Continue concrete crushing/processing and site restoration activities associated with 40s Complex demolition activities.

- Continue construction of crushed material stockpile at 40s Complex.

- Upon receiving EPA approval, decommission the Building 43 elevator shaft with tremie grout.

ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MAY 2006

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
40's Complex Elevator Oil Sampling	Bldg-43-Elevator-Oil-1	5/3/06	Oil	SGS	PCB	5/5/06
Oil/Water Separator Sampling	31W-1	4/18/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	31W-2	4/18/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	31W-3	4/18/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	31W-4	4/18/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	31W-COMPOSITE	4/18/06	Solid	SGS	TCLP	5/5/06
Oil/Water Separator Sampling	DUP-1 (31W-1)	4/18/06	Solid	SGS	PCB	5/5/06
Sampling of Mercury Contaminated Water	F1927-C1	5/25/06	Water	SGS	PCB, Mercury	
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	Background Location	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	W3 - West of 40s Complex	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	MC3 - Near Bldg. 16 & 19	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	S2 - Woodlawn Avenue	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06

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

TABLE 1-2
PCB DATA RECEIVED DURING MAY 2006

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

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG-43-ELEVATOR-OIL-1	5/3/06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.4	ND(1.0)	7.4

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

TABLE 1-3
PCB DATA RECEIVED DURING MAY 2006

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

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
31W-1	4/18/06	ND(0.070) [ND(0.062)]	2.0 [2.6]	0.76 [1.1]	2.76 [3.7]
31W-2	4/18/06	ND(0.063)	2.3	1.1	3.4
31W-3	4/18/06	ND(0.058)	2.4	1.1	3.5
31W-4	4/18/06	ND(0.078) {ND(0.078)}	1.2 {2.4}	0.42 {0.89}	1.62 {3.29}

Notes:
1. Samples were collected by Blasland, Bouck, & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 1-4 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. SGS Environmental Services, Inc. performed duplicate analysis on sample 31W-4 presented in curly brackets { }.

TABLE 1-4
TCLP DATA RECEIVED DURING MAY 2006

OIL/WATER SEPARATOR 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	31W-COMPOSITE 4/18/06
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	ND(0.10)
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	0.022 J
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	0.0140 B
Barium	100	0.550
Cadmium	1	0.0100 B
Chromium	5	0.00250 B
Lead	5	0.270
Mercury	0.2	ND(0.00200)
Selenium	1	0.00600 B
Silver	5	ND(0.0200)

Notes:

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

Data Qualifiers:

Organics (volatiles, semivolatiles)

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 PQL.

TABLE 1-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

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

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/1/06	W3 - West of 40s Complex	0.018*	0.009*	12:00	ENE
	MC3 - Near Bldg. 16 & 19	0.013*		12:00	
	M2 - South of Bldg. 5	0.020*		12:00	
	S2 - Woodlawn Avenue	0.006*		12:00	
5/2/06	W3 - West of 40s Complex	0.012*	0.011*	10:45	NNW, NNE
	MC3 - Near Bldg. 16 & 19	0.011*		11:00	
	M2 - South of Bldg. 5	0.014*		11:00	
	S2 - Woodlawn Avenue	0.009*		11:00	
5/3/06	W3 - West of 40s Complex	0.003*	0.002*	12:00	NNW
	MC3 - Near Bldg. 16 & 19	0.001*		12:00	
	M2 - South of Bldg. 5	0.004*		11:45	
	S2 - Woodlawn Avenue	0.005*		12:00	
5/4/06	W3 - West of 40s Complex	0.009*	0.006*	10:00	WNW
	MC3 - Near Bldg. 16 & 19	0.007*		11:15	
	M2 - South of Bldg. 5	0.010*		11:00	
	S2 - Woodlawn Avenue	0.004*		11:15	
5/5/06	W3 - West of 40s Complex	0.007*	0.007*	11:00	WNW
	MC3 - Near Bldg. 16 & 19	0.008*		11:00	
	M2 - South of Bldg. 5	0.018*		11:00	
	S2 - Woodlawn Avenue	0.005		11:00	
5/8/06	W3 - West of 40s Complex	0.016*	0.010*	12:00	Variable
	MC3 - Near Bldg. 16 & 19	0.023**		11:30	
	M2 - South of Bldg. 5	0.012*		12:00	
	S2 - Woodlawn Avenue	0.018*		12:00	
5/9/06	W3 - West of 40s Complex	0.017*	0.013*	11:30	NNE
	MC3 - Near Bldg. 16 & 19	0.018*		11:30	
	M2 - South of Bldg. 5	0.015*		11:45	
	S2 - Woodlawn Avenue	0.021*		12:00	
5/10/06	W3 - West of 40s Complex	0.008*	0.008*	12:00	ENE
	MC3 - Near Bldg. 16 & 19	0.010*		12:00	
	M2 - South of Bldg. 5	0.006*		12:00	
	S2 - Woodlawn Avenue	0.012*		10:45	
5/11/06	W3 - West of 40s Complex	0.013*	0.006*	10:15	Variable
	MC3 - Near Bldg. 16 & 19	0.008*		10:45	
	M2 - South of Bldg. 5	0.009*		10:45	
	S2 - Woodlawn Avenue	0.012*		10:45	
5/12/06	W3 - West of 40s Complex	0.012*	0.008*	12:00	Variable
	MC3 - Near Bldg. 16 & 19	0.003*		11:45	
	M2 - South of Bldg. 5	0.003*		11:45	
	S2 - Woodlawn Avenue	0.005*		11:45	
5/15/06	W3 - West of 40s Complex	0.006*	0.002*	11:15	Variable
	MC3 - Near Bldg. 16 & 19	0.009**		9:15	
	M2 - South of Bldg. 5	0.003*		10:45	
	S2 - Woodlawn Avenue	0.007**		10:00	
5/16/06	W3 - West of 40s Complex	0.014*	0.008*	11:00	W
	MC3 - Near Bldg. 16 & 19	0.007**		10:00	
	M2 - South of Bldg. 5	0.009*		10:45	
	S2 - Woodlawn Avenue	0.009**		10:00	

TABLE 1-5
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

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

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/17/06	W3 - West of 40s Complex	0.034*	0.015*	11:45	SSW
	MC3 - Near Bldg. 16 & 19	0.028**		10:00	
	M2 - South of Bldg. 5	0.029*		11:30	
	S2 - Woodlawn Avenue	0.016**		10:00	
5/18/06	W3 - West of 40s Complex	0.038*	0.024*	11:15	SSW
	MC3 - Near Bldg. 16 & 19	0.022**		10:00	
	M2 - South of Bldg. 5	0.030*		10:45	
	S2 - Woodlawn Avenue	0.016**		10:00	
5/19/06	W3 - West of 40s Complex	0.028*	0.022*	11:30	WSW
	MC3 - Near Bldg. 16 & 19	0.009**		10:30	
	M2 - South of Bldg. 5	0.019*		11:30	
	S2 - Woodlawn Avenue	0.012**		10:30	
5/22/06	W3 - West of 40s Complex	0.002*	0.002*	12:00	WNW
	MC3 - Near Bldg. 16 & 19	0.024**		10:00	
	M2 - South of Bldg. 5	0.007*		11:30	
	S2 - Woodlawn Avenue	0.021**		10:00	
5/23/06	W3 - West of 40s Complex	0.013*	0.008*	12:00	WNW
	MC3 - Near Bldg. 16 & 19	0.029**		10:00	
	M2 - South of Bldg. 5	0.013*		11:45	
	S2 - Woodlawn Avenue	0.020**		10:00	
5/24/06	W3 - West of 40s Complex	0.009*	0.006*	11:45	WNW
	MC3 - Near Bldg. 16 & 19	0.021**		10:00	
	M2 - South of Bldg. 5	0.012*		11:30	
	S2 - Woodlawn Avenue	0.022**		10:00	
5/25/06	W3 - West of 40s Complex	0.022*	0.014*	12:00	SSW
	MC3 - Near Bldg. 16 & 19	0.030**		10:00	
	M2 - South of Bldg. 5	0.019*		11:45	
	S2 - Woodlawn Avenue	0.018**		10:00	
5/26/06	W3 - West of 40s Complex	0.056*	0.030*	10:45	Calm
	MC3 - Near Bldg. 16 & 19	0.035**		10:00	
	M2 - South of Bldg. 5	0.036*		10:45	
	S2 - Woodlawn Avenue	0.031**		10:00	
5/30/06	W3 - West of 40s Complex	0.054*	0.023*	11:15	Variable
	MC3 - Near Bldg. 16 & 19	0.043**		10:00	
	M2 - South of Bldg. 5	0.041*		11:30	
	S2 - Woodlawn Avenue	0.021**		10:00	
5/31/06	W3 - West of 40s Complex	0.081*	0.053*	10:30	WSW
	MC3 - Near Bldg. 16 & 19	0.040**		10:00	
	M2 - South of Bldg. 5	0.057*		10:30	
	S2 - Woodlawn Avenue	0.023**		10:00	
Notification Level		0.120			

Notes:

* Measured with a DR-2000 or DR-4000.

** Measured with an EBAM.

Background monitoring station is located east of Building 9B, between 9B and New York Avenue.

Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.

[1] Monitoring was performed only on days when site activities occurred.

[2] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
MAY 2006

a. Activities Undertaken/Completed

- Conducted Liquid-Phase Carbon Absorption (LPCA) sampling at Building 64G, as identified in Table 2-1.

- Conducted sampling of interplant roadway sweepings at Building 64, as identified in Table 2-1.

- Conducted sampling of sediment in oil/water separator at Building 64Z, as identified in Table 2-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

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

- Discuss with EPA and MDEP the draft Grant of Environmental Restriction and Easement (ERE) and survey plans for the City Recreational Area, and then revise and re-submit those documents.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
64Z Oil/Water Separator Sediment Sampling	64Z-1-2	5/22/06	Sediment	SGS	TCLP-Benzene	
64Z Oil/Water Separator Sediment Sampling	64Z-2-2	5/22/06	Sediment	SGS	TCLP-Benzene	
64Z Oil/Water Separator Sediment Sampling	64Z-3-2	5/22/06	Sediment	SGS	TCLP-Benzene	
64Z Oil/Water Separator Sediment Sampling	64Z-4-2	5/22/06	Sediment	SGS	TCLP-Benzene	
64Z Oil/Water Separator Sediment Sampling	64Z-5-2	5/22/06	Sediment	SGS	TCLP-Benzene	
64Z Oil/Water Separator Sediment Sampling	64Z-DUP-1 (64Z-1-2)	5/22/06	Sediment	SGS	TCLP-Benzene	
Building 64G LPCA Monitoring	E6-64G-01	5/23/06	Water	Columbia	VOC	
Building 64G LPCA Monitoring	E6-64G-02	5/23/06	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	E6-64G-03	5/23/06	Water	SGS	PCB	
Building 64G LPCA Monitoring	E6-64G-04	5/23/06	Water	Columbia	Oil & Grease	
Building 64G LPCA Monitoring	E6-64G-05	5/23/06	Water	Columbia	VOC	
Building 64G LPCA Monitoring	E6-64G-06	5/23/06	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	E6-64G-07	5/23/06	Water	SGS	PCB	
Building 64G LPCA Monitoring	E6-64G-08	5/23/06	Water	Columbia	Oil & Grease	
Building 64G LPCA Monitoring	E6-64G-09	5/23/06	Water	Columbia	VOC	
Building 64G LPCA Monitoring	E6-64G-10	5/23/06	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	E6-64G-11	5/23/06	Water	SGS	PCB	
Building 64G LPCA Monitoring	E6-64G-12	5/23/06	Water	Columbia	Oil & Grease	
Building 64G LPCA Monitoring	E6-64G-13	5/23/06	Water	Columbia	VOC	
Building 64G LPCA Monitoring	E6-64G-14	5/23/06	Water	Columbia	SVOC	
Building 64G LPCA Monitoring	E6-64G-15	5/23/06	Water	SGS	PCB	
Building 64G LPCA Monitoring	E6-64G-16	5/23/06	Water	Columbia	Oil & Grease	
Building 78 Drum Sampling	BLDG64G-VPC-1	4/25/06	Carbon	SGS	PCB, TCLP	5/15/06
Building 78 On/Off Site Drum Sampling	BLDG78-042506-1	4/25/06	Water	SGS	PCB	5/12/06
Interplant Roadway Sweepings Sampling	Bldg64-Sweepings-C6	5/10/06	Soil	SGS	PCB	5/15/06
Interplant Roadway Sweepings Sampling	Bldg64-Sweepings-C7	5/10/06	Soil	SGS	PCB	5/15/06
Interplant Roadway Sweepings Sampling	Bldg64-Sweepings-C8	5/10/06	Soil	SGS	PCB	5/15/06
Oil/Water Separator Sampling	64W-1	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64W-2	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64W-3	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64W-4	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64W-5	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64W-COMPOSITE	4/19/06	Solid	SGS	TCLP	5/5/06
Oil/Water Separator Sampling	64X-1	4/19/06	Solid	SGS	PCB	5/5/06

TABLE 2-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Oil/Water Separator Sampling	64X-2	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64X-3	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64X-4	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64X-5	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64X-COMPOSITE	4/19/06	Solid	SGS	TCLP	5/5/06
Oil/Water Separator Sampling	64Z-1	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64Z-2	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64Z-3	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64Z-4	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64Z-5	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	64Z-COMPOSITE	4/19/06	Solid	SGS	TCLP	5/5/06
Oil/Water Separator Sampling	DUP-2 (64W-COMPOSITE)	4/19/06	Solid	SGS	TCLP	5/5/06
Oil/Water Separator Sampling	SSPS-1	4/19/06	Solid	SGS	PCB	5/5/06
Oil/Water Separator Sampling	SSPS-1&2-COMPOSITE	4/19/06	Solid	SGS	TCLP	5/5/06
Oil/Water Separator Sampling	SSPS-2	4/19/06	Solid	SGS	PCB	5/5/06

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

TABLE 2-2
PCB DATA RECEIVED DURING MAY 2006

INTERPLANT ROADWAY SWEEPINGS 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
BLDG64-SWEEPINGS-C6	5/10/06	ND(0.037)	0.73	0.68	1.41
BLDG64-SWEEPINGS-C7	5/10/06	ND(1.8)	3.4	3.9	7.3
BLDG64-SWEEPINGS-C8	5/10/06	ND(1.8)	3.4	2.7	6.1

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

TABLE 2-3
PCB DATA RECEIVED DURING MAY 2006

BUILDING 78 DRUM 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, -1254, -1260	Aroclor-1248	Total PCBs
BLDG64G-VPC-1	4/25/06	ND(0.39)	4.8	4.8

Notes:

1. Sample was collected by Blasland, Bouck, & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-4 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 2-4
TCLP DATA RECEIVED DURING MAY 2006

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	BLDG64G-VPC-1 4/25/06
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	0.078 J
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	0.17
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	0.0210 B
Barium	100	0.0310
Cadmium	1	ND(0.0200)
Chromium	5	0.00120 B
Lead	5	ND(0.100)
Mercury	0.2	ND(0.00200)
Selenium	1	0.0110 B
Silver	5	ND(0.0200)

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

Data Qualifiers:

Organics (volatiles, semivolatiles)
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 PQL.

TABLE 2-5
PCB DATA RECEIVED DURING MAY 2006

BUILDING 78 ON/OFF SITE DRUM SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
BLDG78-042506-1	4/25/06	ND(0.000065)	0.00016	0.00018	0.00029	0.00063

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

TABLE 2-6
PCB DATA RECEIVED DURING MAY 2006

OIL/WATER SEPARATOR SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1254, -1260	Aroclor-1254	Aroclor-1260	Total PCBs
64W-1	4/19/06	ND(4.9)	21	40	61
64W-2	4/19/06	ND(3.1)	16	26	42
64W-3	4/19/06	ND(0.59)	6.1	9.2	15.3
64W-4	4/19/06	ND(1.2)	11	16	27
64W-5	4/19/06	ND(1.3)	6.5	8.8	15.3
64X-1	4/19/06	ND(0.055)	0.61	1.1	1.71
64X-2	4/19/06	ND(0.065)	1.5	2.4	3.9
64X-3	4/19/06	ND(0.069)	1.3	1.9	3.2
64X-4	4/19/06	ND(0.34)	3.0	5.0	8.0
64X-5	4/19/06	ND(0.28)	2.1	3.8	5.9
64Z-1	4/19/06	ND(2.1)	17	14	31
64Z-2	4/19/06	ND(31)	34	54	88
64Z-3	4/19/06	ND(1.2)	12	25	37
64Z-4	4/19/06	ND(3.8)	31	50	81
64Z-5	4/19/06	ND(4.0)	26	45	71
SSPS-1	4/19/06	ND(4.4)	28	21	49
SSPS-2	4/19/06	ND(0.81)	9.2	7.5	16.7

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

TABLE 2-7
TCLP DATA RECEIVED DURING MAY 2006

OIL/WATER SEPARATOR SAMPLING
EAST STREET AREA 2 - SOUTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	64W-COMPOSITE 4/19/06	64X-COMPOSITE 4/19/06	64Z-COMPOSITE 4/19/06	SSPS-1&2-COMPOSITE 4/19/06
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20) [ND(0.20)] {ND(0.20)}	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	6.1	0.075 J
Carbon Tetrachloride	0.5	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10) [ND(0.10)] {ND(0.10)}	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050) [ND(0.050)] {ND(0.050)}	ND(0.050)	ND(0.050)	ND(0.050)
Inorganics					
Arsenic	5	0.00590 B [0.00930 B] {0.00590 B}	0.00810 B	0.0180 B	ND(0.100)
Barium	100	0.810 [0.760] {0.780}	0.960	0.640	0.320
Cadmium	1	0.0140 B [0.0140 B] {0.0130 B}	0.0170 B	0.0290	0.0100 B
Chromium	5	0.00120 B [0.00140 B] {0.00140 B}	0.00650 B	0.0320 B	0.00240 B
Lead	5	0.0580 B [0.0570 B] {0.0520 B}	0.240	0.880	0.0270 B
Mercury	0.2	ND(0.00200) [ND(0.00200)] {ND(0.00200)}	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	0.00710 B [ND(0.200)] {ND(0.200)}	ND(0.200)	ND(0.200)	0.00410 B
Silver	5	ND(0.0200) [ND(0.0200)] {ND(0.0200)}	ND(0.0200)	ND(0.0200)	ND(0.0200)

Notes:

1. Samples were collected by Blasland, Bouck, & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 2-6 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Field duplicate sample results are presented in brackets.
5. Shading indicates that value exceeds the TCLP Regulatory Limits.
6. SGS Environmental Services, Inc. performed duplicate analysis on sample 64W-COMPOSITE presented in curly brackets { }.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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 POL

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MAY 2006

a. Activities Undertaken/Completed

- Substantially completed above-grade demolition activities at Buildings 1, 2, 3, and 3B, and associated annexes (Buildings 1A and 100 Annex).

- Conducted air monitoring for particulates in connection with above-mentioned demolition activities, as identified in Table 3-1.

- Continued asbestos removal activities at Buildings 7, 17, 17C, and 19.

- Continued equipment/liquids removal activities at Buildings 7, 17, 17C, and 19.

- Completed contractor selection process for the upcoming Buildings 7, 17, 17C, and 19 Demolition and Site Restoration Program.

- Conducted oil sampling at Buildings 7, 17, 17C, and 19, as identified in Table 3-1.

- Collected and tankered approximately 75,000 gallons of water from Building 9 to Building 64G for treatment.

- Collected and tankered approximately 9,000 gallons of water from the Buildings 1, 2, and 3 demolition project to Building 64G for treatment.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted modified ambient air monitoring station locations to EPA for the Buildings 7, 17, 17C, and 19 Demolition and Site Restoration Program (May 2, 2006).

- Submitted Pre-Excavation Notification letter to EPA and MDEP to address several anticipated utility-related excavations within East Street Area 2-North (May 26, 2006).

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

- Complete site restoration activities at former Buildings 1, 2, 3, and 3B, and associated former annexes (Buildings 1A and 100 Annex).

- Complete the asbestos removal program at Buildings 7, 17, 17C, and 19.

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MAY 2006

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

- Complete the equipment/liquids removal program at Buildings 7, 17, 17C, and 19.

- Submit letter to EPA presenting analytical results of pre-demolition building material characterization samples collected at Buildings 7, 17, 17C, and 19, along with supporting evaluations and proposed waste stream destinations.

- Initiate site mobilization for demolition of Buildings 7, 17, 17C, and 19.

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 MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 7, 17 & 19 Oil Sampling	19-1-1	5/15/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-11	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-12	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-14	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-18	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-2	5/16/06	Liquid	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-20	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-3	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-4	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-5	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-6	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-7	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-1-8	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	19-Mezz2-1	5/16/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	7-1-13	5/15/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	7-1-14	5/15/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	7-1-15	5/15/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	7-1-16	5/15/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	7-1-17	5/15/06	Oil	SGS	PCB	
Building 7, 17 & 19 Oil Sampling	7-1-18	5/15/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-1	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-2	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-3	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-4	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-5	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-6	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	07-Base-7	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	17-1-1	5/18/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	17-1-2	5/18/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	17-1-3	5/18/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	17-1-4	5/18/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-16	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-17	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-19	5/17/06	Oil	SGS	PCB	

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Buildings 7, 17, & 19 Oil Sampling	19-1-21	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-22	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-23	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-24	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-26	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-27	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-28	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-29	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-30	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-31	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-1-32	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-Mezz-2	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	19-Mezz-3	5/17/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	7-1-10	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	7-1-11	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	7-1-12	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	7-1-8	5/12/06	Oil	SGS	PCB	
Buildings 7, 17, & 19 Oil Sampling	7-1-9	5/12/06	Oil	SGS	PCB	
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M2 - South of Bldg. 5	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M4 - South of Bldg. 15	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	M6 - Southwest of Bldg. 12	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06

TABLE 3-2
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

BUILDINGS 1, 2 AND 3 DEMOLITION ACTIVITIES
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/1/06	M2 - South of Bldg. 5	0.020*	0.009*	12:00	ENE
	M4 - South of Bldg. 15	0.014*		10:00	
	M6 - Southwest of Bldg. 12	0.033**		11:15	
5/2/06	M2 - South of Bldg. 5	0.014*	0.011*	11:00	NNW, NNE
	M4 - South of Bldg. 15	0.009*		11:00	
	M6 - Southwest of Bldg. 12	0.010*		11:00	
5/3/06	M2 - South of Bldg. 5	0.004*	0.002*	11:45	NNW
	M4 - South of Bldg. 15	0.001*		11:45	
	M6 - Southwest of Bldg. 12	0.004*		11:45	
5/4/06	M2 - South of Bldg. 5	0.010*	0.006*	11:00	WNW
	M4 - South of Bldg. 15	0.008*		10:45	
	M6 - Southwest of Bldg. 12	0.011*		11:00	
5/5/06	M2 - South of Bldg. 5	0.018*	0.007*	11:00	WNW
	M4 - South of Bldg. 15	0.006*		11:00	
	M6 - Southwest of Bldg. 12	0.105**		11:00	
5/8/06	M2 - South of Bldg. 5	0.012*	0.010*	12:00	Variable
	M4 - South of Bldg. 15	0.011*		12:00	
	M6 - Southwest of Bldg. 12	0.017**		11:30	
5/9/06	M2 - South of Bldg. 5	0.015*	0.013*	11:45	NNE
	M4 - South of Bldg. 15	0.012*		11:45	
	M6 - Southwest of Bldg. 12	0.015**		11:45	
5/10/06	M2 - South of Bldg. 5	0.006*	0.008*	12:00	ENE
	M4 - South of Bldg. 15	0.006*		12:00	
	M6 - Southwest of Bldg. 12	0.006**		10:15	
5/11/06	M2 - South of Bldg. 5	0.009*	0.006*	10:45	Variable
	M4 - South of Bldg. 15	0.011*		10:45	
	M6 - Southwest of Bldg. 12	0.007**		10:30	
5/12/06	M2 - South of Bldg. 5	0.003*	0.008*	11:45	Variable
	M4 - South of Bldg. 15	0.007*		10:45	
	M6 - Southwest of Bldg. 12	0.004**		11:45	
5/15/06	M2 - South of Bldg. 5	0.003*	0.002*	10:45	Variable
	M4 - South of Bldg. 15	0.004*		10:15	
	M6 - Southwest of Bldg. 12	0.009*		10:45	
5/16/06	M2 - South of Bldg. 5	0.009*	0.008*	10:45	W
	M4 - South of Bldg. 15	0.011*		11:00	
	M6 - Southwest of Bldg. 12	0.019**		10:00	
5/17/06	M2 - South of Bldg. 5	0.029*	0.015*	11:30	SSW
	M4 - South of Bldg. 15	0.027*		11:30	
	M6 - Southwest of Bldg. 12	0.069**		10:00	
5/18/06	M2 - South of Bldg. 5	0.030*	0.024*	10:45	SSW
	M4 - South of Bldg. 15	0.026*		10:45	
	M6 - Southwest of Bldg. 12	0.020**		10:00	
5/22/06	M2 - South of Bldg. 5	0.007*	0.002*	11:30	WNW
	M4 - South of Bldg. 15	0.001*		11:15	
	M6 - Southwest of Bldg. 12	0.018*		11:15	
5/23/06	M2 - South of Bldg. 5	0.013*	0.008*	11:45	WNW
	M4 - South of Bldg. 15	0.007*		11:45	
	M6 - Southwest of Bldg. 12	0.053*		11:45	
5/24/06	M2 - South of Bldg. 5	0.012*	0.006*	11:30	WNW
	M4 - South of Bldg. 15	0.004*		8:30[3]	
	M6 - Southwest of Bldg. 12	0.046*		11:30	

TABLE 3-2
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

BUILDINGS 1, 2 AND 3 DEMOLITION ACTIVITIES
EAST STREET AREA 2 - NORTH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/25/06	M2 - South of Bldg. 5	0.019*	0.014*	11:45	SSW
	M4 - South of Bldg. 15	0.020*		12:00	
	M6 - Southwest of Bldg. 12	0.013*		11:45	
5/30/06	M2 - South of Bldg. 5	0.041*	0.023*	11:30	Variable
	M4 - South of Bldg. 15	0.035*		9:30[3]	
	M6 - Southwest of Bldg. 12	0.026*		11:30	
5/31/06	M2 - South of Bldg. 5	0.057*	0.053*	10:30	WSW
	M4 - South of Bldg. 15	0.056*		10:15	
	M6 - Southwest of Bldg. 12	0.031*		10:30	
Notification Level		0.120			

Notes:

* Measured with a DR-2000 or DR-4000.

** Measured with an EBAM.

Background monitoring station is located east of Building 9B, between 9B and New York Avenue.

Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.

[1] Monitoring was performed only on days when site activities occurred.

[2] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.

[3] Sampling period was shortened due to instrument malfunction.

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
MAY 2006

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

a. Activities Undertaken/Completed

- Conducted sampling of potential backfill and topsoil source at Bullard's Crossroads Gravel Pit, as identified in Table 5-1.

- Conducted air monitoring for particulates and PCBs, as identified in Table 5-1.

- Continued transfer of leachate from Building 71 On-Plant Consolidation Area (OPCA) to Building 64G for treatment. The total amount transferred in May 2006 was 137,000 gallons (see Table 5-4).

- Consolidated at the OPCAs certain building demolition materials from the 40s Complex and Buildings 1, 2, and 3 demolition activities; road materials from EPA's 1½-Mile Reach Removal Action; and materials from various facility-related activities (e.g., street-sweeping materials).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted letter describing 2006 consolidation activities and Phase II final cover construction activities (May 5, 2006).

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

- Continue consolidation of certain building demolition materials and initiate consolidation of materials from Phase 4 floodplain properties into the OPCAs.

- Initiate and complete construction of mid-slope drainage swale at Building 71 OPCA.

- Conduct semi-annual inspection of capped portion of Building 71 OPCA and submit report thereon.

ITEM 5
(cont'd)
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
MAY 2006

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Bullards Gravel Pit Sampling	BULLARDS-GRAVEL-1	5/26/06	Soil	SGS	PCB, VOC, SVOC, Metals	
Bullards Topsoil Sampling	BULLARDS-TOPSOIL-1	5/26/06	Soil	SGS	PCB, VOC, SVOC, Metals	
Ambient Air Particulate Matter Sampling	North of OPCAs	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	West of OPCAs	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	West of OPCAs	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	West of OPCAs	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/30/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/30/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	North of OPCAs	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Pittsfield Generating Co.	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Southeast of OPCAs	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Northwest of OPCAs	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	West of OPCAs	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
PCB Ambient Air Sampling	Field Blank	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	Northwest of OPCAs	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	West of OPCAs	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	West of OPCAs colocated	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	North of OPCAs	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	Southeast of OPCAs	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	Background East of Building 9B	5/04 - 5/05/06	Air	Berkshire Environmental	PCB	5/11/06
PCB Ambient Air Sampling	Field Blank	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	Northwest of OPCAs	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06

TABLE 5-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PCB Ambient Air Sampling	West of OPCAs	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	West of OPCAs colocated	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	North of OPCAs	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	Southeast of OPCAs	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	Background East of Building 9B	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/16/06
PCB Ambient Air Sampling	Field Blank	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	Northwest of OPCAs	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	West of OPCAs	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	West of OPCAs colocated	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	North of OPCAs	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	Southeast of OPCAs	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	Background East of Building 9B	5/11 - 5/12/06	Air	Berkshire Environmental	PCB	5/19/06
PCB Ambient Air Sampling	Field Blank	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Northwest of OPCAs	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	West of OPCAs	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	West of OPCAs colocated	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	North of OPCAs	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Southeast of OPCAs	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Background East of Building 9B	5/16 - 5/17/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Field Blank	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Northwest of OPCAs	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	West of OPCAs	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	West of OPCAs colocated	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	North of OPCAs	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Southeast of OPCAs	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06
PCB Ambient Air Sampling	Background East of Building 9B	5/18 - 5/19/06	Air	Berkshire Environmental	PCB	5/24/06

TABLE 5-2
SUMMARY OF 2006 PCB AMBIENT AIR SAMPLING RESULTS

HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
(all results are ug/m^3)

Date	Northwest of OPCAs	Northwest of OPCAs colocated	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B
01/10/06 - 01/11/06	0.0005	ND	0.0020	----------	0.0005	ND	0.0005	0.0003
02/07/06 - 02/08/06	ND	0.0002 J	ND	----------	ND	0.0003	0.0003	0.0002 J
03/07/06 - 03/08/06	ND	ND	ND	----------	ND	0.0006	0.0006	0.0008
04/06/06 - 04/07/06	0.0006	----------	0.0004	0.0005	0.0005	0.0009	0.0014	0.0005
04/18/06 - 04/19/06	0.0010	----------	0.0011	0.0009	0.0040	0.0019	0.0148	0.0031
04/25/06 - 04/26/06	0.0009	----------	0.0010	0.0009	0.0007	0.0013	0.0019	0.0007
04/27/06 - 04/28/06	0.0006	----------	0.0006	0.0007	0.0004	0.0009	0.0020	0.0005
05/02/06 - 05/03/06[1]	NA	----------	NA	NA	NA	NA	NA	NA
05/04/06 - 05/05/06	0.0019	----------	0.0037	0.0030	0.0017	0.0041	0.0069	0.0026
05/09/06 - 05/10/06	0.0003	----------	0.0004	0.0004	ND	0.0005	0.0004	0.0050
05/11/06 - 05/12/06	0.0014	----------	0.0024	0.0026	0.0010	0.0005	0.0006	0.0011
05/16/06 - 05/17/06	0.0004	----------	0.0007	0.0011	0.0006	0.0009	0.0014	0.0009
05/18/06 - 05/19/06	0.0018	----------	0.0015	0.0021	0.0017	0.0015	0.0017	0.0019
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	None

(See Notes on Page 2 of 2)

TABLE 5-2
SUMMARY OF 2006 PCB AMBIENT AIR SAMPLING RESULTS

HILL 78/BUILDING 71 ON PLANT CONSOLIDATION AREAS
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
(all results are ug/m^3)

Notes:

All sampling and analytical activities performed and/or coordinated by Berkshire Environmental Consultants, Inc.

NA - Not Available

ND - Non Detect (<0.0003)

J - Estimated value detected between the MDL and the PQL

[1] No data available due to laboratory error.

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
1/10/06	North of OPCAs	0.016*	0.010*	10:30	WNW
	Pittsfield Generating Co.	0.023		10:30	
	Southeast of OPCAs	0.017		10:30	
	Northwest of OPCAs	0.023*		10:30	
	West of OPCAs	0.016*		10:30	
2/7/06	North of OPCAs	0.006*	0.005*	10:30	WNW
	Pittsfield Generating Co.	NA[2]		NA[2]	
	Southeast of OPCAs	0.046[3]		13:45[4]	
	Northwest of OPCAs	0.012*		10:15	
	West of OPCAs	0.008*		11:00	
4/17/06	North of OPCAs	0.003*	0.004*	9:45	NNW
	Pittsfield Generating Co.	0.005*		10:15	
	Southeast of OPCAs	0.004*		10:00	
	Northwest of OPCAs	0.002*		10:30	
	West of OPCAs	0.003*		10:30	
4/18/06	North of OPCAs	0.003*	0.003*	9:15[5]	NNW
	Pittsfield Generating Co.	0.003*		10:45	
	Southeast of OPCAs	0.020*		10:45	
	Northwest of OPCAs	0.001*		10:30	
	West of OPCAs	0.003*		10:45	
4/19/06	North of OPCAs	0.001*	0.003*	6:15[5]	NNW
	Pittsfield Generating Co.	0.004*		10:45	
	Southeast of OPCAs	0.005*		10:45	
	Northwest of OPCAs	0.001*		11:00	
	West of OPCAs	0.004*		11:00	
4/20/06	North of OPCAs	0.004*	0.005*	11:30	WNW, NNW
	Pittsfield Generating Co.	0.008*		12:00	
	Southeast of OPCAs	0.006*		11:30	
	Northwest of OPCAs	0.003*		11:30	
	West of OPCAs	0.006*		11:30	
4/21/06	North of OPCAs	0.004*	0.007*	10:30	Variable
	Pittsfield Generating Co.	0.010*		10:45	
	Southeast of OPCAs	0.008*		10:30	
	Northwest of OPCAs	0.004*		10:30	
	West of OPCAs	0.006*		10:30	
4/24/06	North of OPCAs	0.006*	0.007*	10:45	Calm
	Pittsfield Generating Co.	0.008*		10:45	
	Southeast of OPCAs	0.011*		10:45	
	Northwest of OPCAs	0.005*		10:45	
	West of OPCAs	0.007*		10:45	
4/25/06	North of OPCAs	0.015*	0.018*	10:45	WNW
	Pittsfield Generating Co.	0.025*		10:30	
	Southeast of OPCAs	0.022*		10:30	
	Northwest of OPCAs	0.013*		10:45	
	West of OPCAs	0.019*		10:45	

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
4/26/06	North of OPCAs	0.003*	0.005*	11:00	SSW
	Pittsfield Generating Co.	0.005*		10:45	
	Southeast of OPCAs	0.004*		10:45	
	Northwest of OPCAs	0.002*		11:00	
	West of OPCAs	0.004*		11:00	
4/27/06	North of OPCAs	0.009*	0.013*	10:30	WNW
	Pittsfield Generating Co.	0.014*		10:30	
	Southeast of OPCAs	0.014*		10:30	
	Northwest of OPCAs	0.007*		10:30	
	West of OPCAs	0.012*		10:45	
4/28/06	North of OPCAs	0.003*	0.005*	10:45	NNW
	Pittsfield Generating Co.	0.006*		10:30	
	Southeast of OPCAs	0.006*		10:45	
	Northwest of OPCAs	0.003*		10:45	
	West of OPCAs	0.005*		10:45	
5/1/06	North of OPCAs	0.006*	0.009*	10:30	ENE
	Pittsfield Generating Co.	0.009*		10:30	
	Southeast of OPCAs	0.010*		10:30	
	Northwest of OPCAs	0.005*		10:30	
	West of OPCAs	0.010*		10:30	
5/2/06	North of OPCAs	0.007*	0.011*	11:00	NNW, NNE
	Pittsfield Generating Co.	0.010*		11:00	
	Southeast of OPCAs	0.014*		11:00	
	Northwest of OPCAs	0.005*		11:00	
	West of OPCAs	0.009*		11:00	
5/3/06	North of OPCAs	0.001*	0.002*	10:00	NNW
	Pittsfield Generating Co.	0.002*		10:15	
	Southeast of OPCAs	0.001*		5:30[5]	
	Northwest of OPCAs	0.001*		10:15	
	West of OPCAs	0.002*		10:30	
5/4/06	North of OPCAs	0.003*	0.006*	11:00	WNW
	Pittsfield Generating Co.	0.011*		11:00	
	Southeast of OPCAs	0.004*		11:00	
	Northwest of OPCAs	0.001*		11:30	
	West of OPCAs	0.006*		11:30	
5/5/06	North of OPCAs	0.004*	0.007*	10:30	WNW
	Pittsfield Generating Co.	0.007*		10:30	
	Southeast of OPCAs	0.005*		10:30	
	Northwest of OPCAs	0.005*		10:30	
	West of OPCAs	0.006*		10:30	
5/8/06	North of OPCAs	0.006*	0.010*	10:45	Variable
	Pittsfield Generating Co.	0.010*		10:45	
	Southeast of OPCAs	0.007*		10:45	
	Northwest of OPCAs	0.007*		10:45	
	West of OPCAs	0.009*		10:45	

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/9/06	North of OPCAs	0.005*	0.013*	11:45	NNE
	Pittsfield Generating Co.	0.009*		11:45	
	Southeast of OPCAs	0.008*		11:45	
	Northwest of OPCAs	0.005*		11:45	
	West of OPCAs	0.009*		11:45	
5/10/06	North of OPCAs	0.004*	0.008*	10:45	ENE
	Pittsfield Generating Co.	0.009*		10:45	
	Southeast of OPCAs	0.005*		10:45	
	Northwest of OPCAs	0.004*		10:45	
	West of OPCAs	0.009*		10:45	
5/11/06	North of OPCAs	0.002*	0.006*	11:15	Variable
	Pittsfield Generating Co.	0.007*		11:15	
	Southeast of OPCAs	0.004*		11:15	
	Northwest of OPCAs	0.002*		11:15	
	West of OPCAs	0.007*		11:15	
5/12/06	North of OPCAs	0.006*	0.008*	11:45	Variable
	Pittsfield Generating Co.	0.001*		11:45	
	Southeast of OPCAs	0.004*		11:45	
	Northwest of OPCAs	0.010*		12:00	
	West of OPCAs	0.007*		12:00	
5/15/06	North of OPCAs	0.002*	0.002*	10:45	Variable
	Pittsfield Generating Co.	0.003*		9:30[5]	
	Southeast of OPCAs	0.001*		11:15	
	Northwest of OPCAs	0.001*		11:00	
	West of OPCAs	0.002*		11:15	
5/16/06	North of OPCAs	0.007*	0.008*	11:30	W
	Pittsfield Generating Co.	0.008*		11:00	
	Southeast of OPCAs	0.007*		11:00	
	Northwest of OPCAs	0.005*		10:15	
	West of OPCAs	0.005*		11:15	
5/17/06	North of OPCAs	0.016*	0.015*	11:15	SSW
	Pittsfield Generating Co.	0.025*		11:15	
	Southeast of OPCAs	0.014*		11:15	
	Northwest of OPCAs	0.013*		11:15	
	West of OPCAs	0.011*		11:15	
5/18/06	North of OPCAs	0.022*	0.024*	11:00	SSW
	Pittsfield Generating Co.	0.029*		10:45	
	Southeast of OPCAs	0.023*		11:00	
	Northwest of OPCAs	0.021*		11:15	
	West of OPCAs	0.018*		11:30	
5/19/06	North of OPCAs	0.015*	0.022*	10:45	WSW
	Pittsfield Generating Co.	0.019*		10:00	
	Southeast of OPCAs	0.014*		10:45	
	Northwest of OPCAs	0.016*		10:45	
	West of OPCAs	0.014*		10:45	

TABLE 5-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING 2006

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

Sampling Date[1]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/22/06	North of OPCAs	0.001*	0.002*	8:15[6]	WNW
	Pittsfield Generating Co.	0.014*		11:15	
	Southeast of OPCAs	0.002*		11:15	
	Northwest of OPCAs	0.001*		11:15	
	West of OPCAs	0.001*		11:15	
5/23/06	North of OPCAs	0.005*	0.008*	11:45	WNW
	Pittsfield Generating Co.	0.005*		11:30	
	Southeast of OPCAs	0.005*		11:45	
	Northwest of OPCAs	0.006*		11:45	
	West of OPCAs	0.002*		12:00	
5/24/06	North of OPCAs	0.004*	0.006*	11:30	WNW
	Pittsfield Generating Co.	0.006*		11:30	
	Southeast of OPCAs	0.004*		11:30	
	Northwest of OPCAs	0.004*		11:30	
	West of OPCAs	0.004*		11:30	
5/25/06	North of OPCAs	0.014*	0.014*	10:15	SSW
	Pittsfield Generating Co.	0.021*		10:00	
	Southeast of OPCAs	0.016*		10:15	
	Northwest of OPCAs	0.015*		10:30	
	West of OPCAs	0.011*		10:45	
5/26/06	North of OPCAs	0.028*	0.030*	10:45	Calm
	Pittsfield Generating Co.	0.035*		11:30	
	Southeast of OPCAs	0.028*		11:30	
	Northwest of OPCAs	0.031*		11:45	
	West of OPCAs	0.027*		11:15	
5/30/06	North of OPCAs	0.023*	0.023*	11:00	Variable
	Pittsfield Generating Co.	0.040*		10:30	
	Southeast of OPCAs	0.024*		9:00[5]	
	Northwest of OPCAs	0.026*		11:00	
	West of OPCAs	0.012*		11:00	
5/31/06	North of OPCAs	0.046*	0.053*	11:15	WSW
	Pittsfield Generating Co.	0.057*		11:00	
	Southeast of OPCAs	0.046*		11:15	
	Northwest of OPCAs	0.049*		11:30	
	West of OPCAs	0.035*		11:30	
Notification Level		0.120			

Notes:

* Measured with DR-2000 or DR-4000, all others measured with a pDR-1000.

Background monitoring station is located east of Building 9B, between Building 9B and New York Avenue.

Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.

[1] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.

[2] Sampling data invalid - interference from cooling tower.

[3] Reading reflects average concentration manually recorded from the monitor at the end of the day.

[4] Estimated logging period.

[5] Sampling period was shortened due to instrument malfunction.

[6] Sampling period was shortened due to a power failure.

TABLE 5-4
BUILDING 71 CONSOLIDATION AREA LEACHATE TRANSFER SUMMARY
PLANT AREA - HILL 78 & BUILDING 71 CONSOLIDATION AREAS

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

Month / Year	Total Volume of Leachate Transferred (Gallons)
May 2005	89,500
June 2005	130,000
July 2005	127,500
August 2005	55,000
September 2005	55,000
October 2005	378,000
November 2005	162,500
December 2005	168,000
January 2006	185,000
February 2006	125,000
March 2006	70,000
April 2006	104,000
May 2006	137,000

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

ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GECD160
MAY 2006

a. Activities Undertaken/Completed

Coordinated with City of Pittsfield for future clearing of sanitary sewer lines in Hill 78 Area.*

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted supplemental pre-design investigation proposal (May 11, 2006).*

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

- Clear obstructions from sewer lines in Hill 78 Area. GE will coordinate the clearing of the storm sewer, while the City of Pittsfield will coordinate the clearing of the sanitary sewer.

- Conduct additional video inspection of the storm and sanitary sewer lines within the Hill 78 Area.*

- Perform supplemental pre-design investigations following EPA approval of GE's May 11, 2006 proposal.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 7
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MAY 2006

a. Activities Undertaken/Completed

- Continued activities related to the detailed survey (including metes and bounds and topographic survey) of the Unkamet Brook Area (being performed by Hill Engineers, Architects & Planners, Inc.).*

- Collected samples from excavated soils at the General Dynamics facility for disposal characterization, as identified in Table 7-1.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Following EPA approval of the Pre-Design Investigation Report (submitted on September 6, 2005), initiate the additional soil sampling activities proposed therein and proposed in the EPA-approved November 2005 Addendum (approval received in March 2006).*

- Continue performing detailed survey of the Unkamet Brook Area.*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

In a letter dated August 15, 2005, GE proposed to remove Parcel L12-1-2 from the Unkamet Brook Area RAA. That proposal is pending approval from EPA.*

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
General Dynamics Excavation Sampling	GD-SP1-C1	5/18/06	Soil	SGS	TCLP	
General Dynamics Excavation Sampling	GD-SP2-C1	5/18/06	Soil	SGS	TCLP	

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
MAY 2006

a. Activities Undertaken/Completed

Selected a Remediation Contractor (May 5, 2006).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit revised technical drawing of removal limits in response to EPA's May 31, 2006 conditional approval letter (by June 14, 2006).

- Submit Supplemental Information Package to EPA (by June 16, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- EPA has agreed to an extension of time for submission of the Supplemental Information Package until June 16, 2006.

- There are potential issues regarding obtaining access to Parcels I8-23-6 and I9-5-1 for remediation.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of GE's April 14, 2006 Second Addendum to Final RD/RA Work Plan for Former Oxbow Areas A and C (May 31, 2006).

ITEM 9
LYMAN STREET AREA
(GECD430)
MAY 2006

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

a. Activities Undertaken/Completed

Selected a Remediation Contractor for properties west of Lyman Street (May 5, 2006).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit Supplemental Information Package for properties west of Lyman Street to EPA (by June 16, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

EPA has agreed to an extension of time for submission of the Supplemental Information Package until June 16, 2006.

f. Proposed/Approved Work Plan Modifications

None

ITEM 10
NEWELL STREET AREA I
(GECD440)
MAY 2006

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

a. Activities Undertaken/Completed

Conducted semi-annual inspection of engineered barriers and restored and revegetated areas.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit ERE and Notice of Completion for Parcel J9-23-24 to EPA for approval and MDEP for acceptance, then register them in land court records.

- Complete the remaining remediation activity at Parcels J9-23-19, -20, and -21, which involves limited excavation and subsequent installation of a concrete slab over a dirt floor in a building.

- Submit report on semi-annual inspection of engineered barriers and restored and revegetated areas.

- Obtain survey of GE-owned strip of land adjacent to Housatonic River for use in connection with ERE.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Awaiting EPA review of draft EREs for GE-owned Parcels J9-23-16 and J9-23-23, and of draft letter to owners of properties with Conditional Solutions regarding the Conditional Solutions.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
MAY 2006

a. Activities Undertaken/Completed

- Conducted ambient air monitoring for particulates and PCBs, as identified in Table 11-1.*
- Conducted wipe sampling of gondolas to be used to transport materials to the disposal facility, as identified in Table 11-1.
- Conducted sampling of overpacked drums observed during removal actions, as identified in Table 11-1.
- Continued shipment of soil excavated from Parcel J9-23-8 to the selected disposal facility located in Port Arthur, Texas.
- Continued with previously planned soil remediation activities (i.e., soil replacement, installation of barriers).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted a proposal to modify the engineered barrier limits in portions of Parcels J9-23-8 and J9-23-12 adjacent to or near offsite Parcels J9-23-9 and J9-23-10 (May 4, 2006).

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

- Based on sampling results for contents of intact drums previously removed from Parcel J9-23-8, arrange for appropriate offsite disposal of those drums.
- Continue shipments of soil excavated from Parcel J9-23-8 to the selected disposal facility located in Port Arthur, Texas.
- Complete remaining soil remediation activities – i.e., installation of engineered barriers.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval letter for the proposal to modify the engineered barrier limits (May 16, 2006).

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Excavation Drum Sampling	D0559-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0569-SOLID	5/16/06	Solid	SGS	PCB, VOC, SVOC, TCLP	
Excavation Drum Sampling	D0761-SOLID	5/25/06	Solid	SGS	PCB, VOC, SVOC, TCLP	
Excavation Drum Sampling	D0762-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0764-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0765-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0767-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0768-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0791-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0792-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0793-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0794-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0795-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0796-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0798-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Excavation Drum Sampling	D0800-SOLID	4/5/06	Solid	SGS	PCB, VOC, SVOC, TCLP	5/16/06
Gondola Wipe Sampling	NRLX-585637-W1	5/4/06	Wipe	SGS	PCB	5/8/06
Gondola Wipe Sampling	NRLX-585637-W2	5/4/06	Wipe	SGS	PCB	5/8/06
Gondola Wipe Sampling	NRLX-585637-W3	5/4/06	Wipe	SGS	PCB	5/8/06
Gondola Wipe Sampling	NRLX-585637-W4	5/4/06	Wipe	SGS	PCB	5/8/06
Gondola Wipe Sampling	NRLX-585637-W5	5/4/06	Wipe	SGS	PCB	5/8/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/1/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/2/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/3/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/4/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	Background Location	5/5/06	Air	Berkshire Environmental	Particulate Matter	5/11/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/8/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/9/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/10/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/11/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	Background Location	5/12/06	Air	Berkshire Environmental	Particulate Matter	5/15/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/15/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	Background Location	5/16/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/17/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/18/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	Background Location	5/19/06	Air	Berkshire Environmental	Particulate Matter	5/22/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/22/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/23/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/24/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/25/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06
Ambient Air Particulate Matter Sampling	Background Location	5/26/06	Air	Berkshire Environmental	Particulate Matter	5/30/06

TABLE 11-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN1 - Northwest	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN2 - Southwest	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN3 - Southeast	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	NN4 - Northeast	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	Background Location	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
PCB Ambient Air Sampling	Field Blank	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06
PCB Ambient Air Sampling	Northwest of NS Area II	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06
PCB Ambient Air Sampling	Southwest of NS Area II	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06
PCB Ambient Air Sampling	Southeast of NS Area II	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06
PCB Ambient Air Sampling	Northeast of NS Area II	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06
PCB Ambient Air Sampling	Northeast of NS Area II - colocated	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06
PCB Ambient Air Sampling	Background - East of Building 9B	5/09 - 5/10/06	Air	Berkshire Environmental	PCB	5/15/06

TABLE 11-2
PCB DATA RECEIVED DURING MAY 2006

GONDOLA WIPE SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in μg/100cm^2)

Sample ID	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
NRLX-585637-W1	5/4/06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
NRLX-585637-W2	5/4/06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
NRLX-585637-W3	5/4/06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
NRLX-585637-W4	5/4/06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)
NRLX-585637-W5	5/4/06	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)

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

TABLE 11-3
DATA RECEIVED DURING MAY 2006

DRUM SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	D0559-SOLID 4/5/06	D0762-SOLID 4/5/06	D0764-SOLID 4/5/06	D0765-SOLID 4/5/06	D0767-SOLID 4/5/06
Volatile Organics					
4-Methyl-2-pentanone	ND(4.8)	ND(0.20)	ND(0.19)	ND(0.20)	ND(0.21)
Benzene	ND(4.8)	ND(0.20)	0.39	0.21	0.15 J
Carbon Tetrachloride	ND(4.8)	ND(0.20)	ND(0.19)	ND(0.20)	ND(0.21)
Chlorobenzene	57	ND(0.20)	1.6	81	ND(0.21)
Chloroform	ND(4.8)	ND(0.20)	1.4	0.18 J	ND(0.21)
Ethylbenzene	2.8 J	ND(0.20)	8.1	ND(0.20)	ND(0.21)
Methylene Chloride	ND(4.8)	ND(0.20)	ND(0.19)	1.6	ND(0.21)
Tetrachloroethene	ND(4.8)	ND(0.20)	ND(0.19)	ND(0.20)	ND(0.21)
Toluene	2.8 J	ND(0.20)	7.2	0.52	ND(0.21)
trans-1,2-Dichloroethene	ND(4.8)	ND(0.20)	ND(0.19)	2.1	ND(0.21)
Trichloroethene	200	ND(0.20)	190	600	0.24
Xylenes (total)	18	ND(0.20)	75	ND(0.20)	ND(0.21)
PCBs					
Aroclor-1254	380000	ND(83)	4.5	1100	15
Aroclor-1260	ND(1700)	310	ND(3.3)	400	13
Total PCBs	380000	310	4.5	1500	28
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(60)	1.0 J	ND(9.0)	1.1 J	ND(6.7)
1,2,4-Trichlorobenzene	220	11	3.0 J	17	ND(6.7)
1,4-Dichlorobenzene	ND(60)	ND(3.3)	ND(9.0)	1.6 J	ND(6.7)
2,4-Dimethylphenol	ND(60)	ND(3.3)	ND(9.0)	140	3.7 J
2-Methylnaphthalene	ND(60)	ND(3.3)	43	ND(7.7)	ND(6.7)
2-Methylphenol	ND(60)	ND(3.3)	ND(9.0)	ND(7.7)	7.3
3&4-Methylphenol	ND(60)	ND(3.3)	ND(9.0)	130	13
Aniline	ND(60)	5.2	ND(9.0)	15	5.9 J
Anthracene	ND(60)	ND(3.3)	4.4 J	ND(7.7)	ND(6.7)
Benzo(a)anthracene	ND(60)	ND(3.3)	2.6 J	ND(7.7)	ND(6.7)
Benzo(a)pyrene	ND(60)	ND(3.3)	ND(9.0)	1.2 J	ND(6.7)
Benzo(b)fluoranthene	ND(60)	ND(3.3)	ND(9.0)	1.4 J	ND(6.7)
Benzo(g,h,i)perylene	ND(60)	ND(3.3)	ND(9.0)	1.2 J	ND(6.7)
Benzo(k)fluoranthene	ND(60)	ND(3.3)	ND(9.0)	1.1 J	ND(6.7)
bis(2-Chloroethyl)ether	ND(60)	5.8	ND(9.0)	15	ND(6.7)
Chrysene	ND(60)	ND(3.3)	5.6 J	ND(7.7)	ND(6.7)
Di-n-Butylphthalate	ND(60)	ND(3.3)	ND(9.0)	2.4 J	ND(6.7)
Fluoranthene	ND(60)	ND(3.3)	2.5 J	1.9 J	ND(6.7)
Fluorene	ND(60)	ND(3.3)	5.3 J	ND(7.7)	ND(6.7)
Naphthalene	ND(60)	ND(3.3)	11	0.81 J	ND(6.7)
Pentachlorobenzene	ND(60)	0.54 J	ND(9.0)	ND(7.7)	ND(6.7)
Phenanthrene	ND(60)	ND(3.3)	18	1.2 J	ND(6.7)
Phenol	ND(60)	ND(3.3)	ND(9.0)	5.8 J	6.5 J
Pyrene	ND(60)	ND(3.3)	9.2	1.6 J	ND(6.7)

TABLE 11-3
DATA RECEIVED DURING MAY 2006

DRUM SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	D0768-SOLID 4/5/06	D0791-SOLID 4/5/06	D0792-SOLID 4/5/06	D0793-SOLID 4/5/06	D0794-SOLID 4/5/06
Volatile Organics					
4-Methyl-2-pentanone	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.28)
Benzene	0.26	8.2	0.099 J	0.18 J	14
Carbon Tetrachloride	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.28)
Chlorobenzene	2.0	0.22	ND(0.20)	0.15 J	0.39
Chloroform	0.17 J	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.28)
Ethylbenzene	2.7	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.28)
Methylene Chloride	0.43	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.28)
Tetrachloroethene	ND(0.20)	ND(0.20)	ND(0.20)	1.1	ND(0.28)
Toluene	2.6	0.39	0.26	0.40	0.65
trans-1,2-Dichloroethene	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.28)
Trichloroethene	13	0.25	0.12 J	14	1.0
Xylenes (total)	16	0.60	ND(0.20)	0.51	0.64
PCBs					
Aroclor-1254	28	2.4	1600	8.4	22
Aroclor-1260	ND(3.3)	ND(0.67)	360	ND(3.3)	14
Total PCBs	28	2.4	1960	8.4	36
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
1,2,4-Trichlorobenzene	4.4 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
1,4-Dichlorobenzene	2.7 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
2,4-Dimethylphenol	ND(13)	4900 J	ND(33)	6500	6500
2-Methylnaphthalene	64	ND(7300)	ND(33)	ND(1900)	ND(1600)
2-Methylphenol	ND(13)	6500 J	5.8 J	8300	8300
3&4-Methylphenol	ND(13)	20000	9.0 J	24000	23000
Aniline	ND(13)	ND(7300)	33	ND(1900)	ND(1600)
Anthracene	8.4 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
Benzo(a)anthracene	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
Benzo(a)pyrene	3.0 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
Benzo(b)fluoranthene	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
Benzo(g,h,i)perylene	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
Benzo(k)fluoranthene	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
bis(2-Chloroethyl)ether	ND(13)	ND(7300)	38	ND(1900)	ND(1600)
Chrysene	11 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
Di-n-Butylphthalate	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
Fluoranthene	5.2 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
Fluorene	8.2 J	ND(7300)	ND(33)	ND(1900)	ND(1600)
Naphthalene	16	ND(7300)	ND(33)	ND(1900)	ND(1600)
Pentachlorobenzene	ND(13)	ND(7300)	ND(33)	ND(1900)	ND(1600)
Phenanthrene	29	ND(7300)	ND(33)	ND(1900)	ND(1600)
Phenol	ND(13)	4100 J	7.5 J	5000	5000
Pyrene	18	ND(7300)	ND(33)	ND(1900)	ND(1600)

TABLE 11-3
DATA RECEIVED DURING MAY 2006

DRUM SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Sample ID: / Date Collected:	D0795-SOLID 4/5/06	D0796-SOLID 4/5/06	D0798-SOLID 4/5/06	D0800-SOLID 4/5/06
Volatile Organics				
4-Methyl-2-pentanone	ND(0.24)	0.36	ND(0.22)	ND(0.20)
Benzene	5.0	2.3	0.20 J	0.25
Carbon Tetrachloride	ND(0.24)	ND(0.20)	ND(0.22)	1.1
Chlorobenzene	0.14 J	1.3	ND(0.22)	0.13 J
Chloroform	ND(0.24)	ND(0.20)	ND(0.22)	1.4
Ethylbenzene	0.75	2.8	ND(0.22)	ND(0.20)
Methylene Chloride	ND(0.24)	ND(0.20)	ND(0.22)	ND(0.20)
Tetrachloroethene	ND(0.24)	0.13 J	ND(0.22)	0.37
Toluene	11	360	0.38	0.24
trans-1,2-Dichloroethene	ND(0.24)	ND(0.20)	ND(0.22)	ND(0.20)
Trichloroethene	2.4	2.6	0.14 J	430
Xylenes (total)	3.7	14	0.48	0.13 J
PCBs				
Aroclor-1254	0.88	5.5	1.7	260000
Aroclor-1260	ND(0.67)	ND(3.3)	ND(0.67)	ND(1700)
Total PCBs	0.88	5.5	1.7	260000
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
1,2,4-Trichlorobenzene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
1,4-Dichlorobenzene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
2,4-Dimethylphenol	ND(6300)	ND(1900)	8100	ND(2500)
2-Methylnaphthalene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
2-Methylphenol	ND(6300)	ND(1900)	11000	ND(2500)
3&4-Methylphenol	ND(6300)	ND(1900)	30000	ND(2500)
Aniline	25000	57000	ND(2200)	ND(2500)
Anthracene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Benzo(a)anthracene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Benzo(a)pyrene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Benzo(b)fluoranthene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Benzo(g,h,i)perylene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Benzo(k)fluoranthene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
bis(2-Chloroethyl)ether	28000	64000	ND(2200)	ND(2500)
Chrysene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Di-n-Butylphthalate	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Fluoranthene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Fluorene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Naphthalene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Pentachlorobenzene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Phenanthrene	ND(6300)	ND(1900)	ND(2200)	ND(2500)
Phenol	1900 J	4400	6800	ND(2500)
Pyrene	ND(6300)	ND(1900)	ND(2200)	ND(2500)

Notes:

1. Samples were collected by ONYX Environmental Services and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, and TCLP constituents.
2. Please refer to Table 11-4 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Only those constituents detected in one or more samples are summarized.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

TABLE 11-4
TCLP DATA RECEIVED DURING MAY 2006

DRUM SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	D0559-SOLID 4/5/06	D0762-SOLID 4/5/06	D0764-SOLID 4/5/06	D0765-SOLID 4/5/06	D0767-SOLID 4/5/06
Volatile Organics						
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	0.067 J	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	0.10	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	1.6	ND(0.10)	2.2	0.18	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics						
1,4-Dichlorobenzene	7.5	0.0093 J	ND(0.050)	0.013 J	ND(0.050)	0.076
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Cresol	200	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	0.010 J
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
Inorganics						
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Barium	100	1.00	0.0900	0.270	0.490	0.670
Cadmium	1	0.100	0.0180 B	0.00200 B	ND(0.0200)	ND(0.0200)
Chromium	5	0.0690	0.00100 B	0.00290 B	0.00140 B	0.00160 B
Lead	5	12.0	9.90	0.160	ND(0.100)	ND(0.100)
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	0.00490 B	ND(0.200)	0.00700 B	ND(0.200)	0.00790 B
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 11-4
TCLP DATA RECEIVED DURING MAY 2006

DRUM SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	D0768-SOLID 4/5/06	D0791-SOLID 4/5/06	D0792-SOLID 4/5/06	D0793-SOLID 4/5/06	D0794-SOLID 4/5/06
Volatile Organics						
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	0.15	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics						
1,4-Dichlorobenzene	7.5	0.0053 J	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Cresol	200	ND(0.050)	9.4	ND(0.050)	20	9.8
Hexachlorobenzene	0.13	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Hexachlorobutadiene	0.5	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Hexachloroethane	3	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Nitrobenzene	2	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Pentachlorophenol	100	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Pyridine	5	ND(0.050)	ND(5.0)	ND(0.050)	ND(5.0)	ND(5.0)
Inorganics						
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	0.0160 B
Barium	100	0.190	0.0110	0.280	0.0380	0.0690
Cadmium	1	0.00590 B	0.000560 B	0.00170 B	0.0120 B	0.00110 B
Chromium	5	0.00240 B	0.00240 B	0.00120 B	0.00390 B	0.00190 B
Lead	5	0.990	0.0120 B	0.00730 B	0.120	0.0140 B
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	0.00480 B	ND(0.200)	ND(0.200)	ND(0.200)	0.00800 B
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

TABLE 11-4
TCLP DATA RECEIVED DURING MAY 2006

DRUM SAMPLING
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	D0795-SOLID 4/5/06	D0796-SOLID 4/5/06	D0798-SOLID 4/5/06	D0800-SOLID 4/5/06
Volatile Organics					
1,1-Dichloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
2-Butanone	200	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
Benzene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chlorobenzene	100	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Chloroform	6	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Trichloroethene	0.5	ND(0.10)	ND(0.10)	ND(0.10)	3.1
Vinyl Chloride	0.2	ND(0.10)	ND(0.10)	ND(0.10)	ND(0.10)
Semivolatile Organics					
1,4-Dichlorobenzene	7.5	ND(0.050)	0.0058 J	ND(5.0)	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Cresol	200	0.21	0.025 J	24	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Hexachloroethane	3	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Nitrobenzene	2	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Pyridine	5	ND(0.050)	ND(0.050)	ND(5.0)	ND(0.050)
Inorganics					
Arsenic	5	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Barium	100	0.0380	0.360	0.0290	1.30
Cadmium	1	ND(0.0200)	0.00160 B	ND(0.0200)	0.0310
Chromium	5	0.00210 B	0.00160 B	0.000690 B	0.00260 B
Lead	5	0.0220 B	1.40	0.0110 B	0.960
Mercury	0.2	ND(0.00200)	ND(0.00200)	ND(0.00200)	ND(0.00200)
Selenium	1	0.00710 B	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)

Notes:

1. Samples were collected by ONYX Environmental Services and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, and TCLP constituents.
2. Please refer to Table 11-3 for a summary of PCBs, volatiles, and semivolatiles.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. Shading indicates that value exceeds the TCLP Regulatory Limits.

Data Qualifiers:

Organics (volatiles, semivolatiles)

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 PQL.

TABLE 11-5
AMBIENT AIR PCB DATA RECEIVED DURING MAY 2006

PCB AMBIENT AIR CONCENTRATIONS
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Event Period	Date Analytical Results Received by BEC, Inc.	Field Blank (µg/PUF)	Northwest of NS Area II (µg/m3)	Southwest of NS Area II (µg/m3)	Southeast of NS Area II (µg/m3)	Northeast of NS Area II (µg/m3)	Northeast of NS Area II - colocated (µg/m3)	Background - East of Building 9B (µg/m3)
5/09 - 5/10/06	5/15/06	ND (<0.10)	0.0092	0.0164	0.0183	0.0120	0.0119	0.0050
Notification Level		0.05	0.05	0.05	0.05	0.05	0.05	0.05

TABLE 11-6
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

PARTICULATE AMBIENT AIR CONCENTRATIONS
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/1/06	NN1 - Northwest	0.014*	0.009*	10:30	ENE
	NN2 - Southwest	0.033*		10:30	
	NN3 - Southeast	0.018*		10:30	
	NN4 - Northeast	0.031*		10:30	
5/2/06	NN1 - Northwest	0.017*	0.011*	10:30	NNW, NNE
	NN2 - Southwest	0.036*		10:15	
	NN3 - Southeast	0.012*		9:30[3]	
	NN4 - Northeast	0.019*		8:45[3]	
5/3/06	NN1 - Northwest	0.004*	0.002*	12:00	NNW
	NN2 - Southwest	0.006*		10:15	
	NN3 - Southeast	0.003*		11:30	
	NN4 - Northeast	0.012*		11:30	
5/4/06	NN1 - Northwest	0.007*	0.006*	10:30	WNW
	NN2 - Southwest	0.019*		10:15	
	NN3 - Southeast	0.010*		10:15	
	NN4 - Northeast	0.027*		6:30[3]	
5/5/06	NN1 - Northwest	0.020[4]	0.007*	11:15	WNW
	NN2 - Southwest	0.024*		11:15	
	NN3 - Southeast	0.011*		11:30	
	NN4 - Northeast	0.013*		11:30	
5/8/06	NN1 - Northwest	0.011*	0.010*	10:45	Variable
	NN2 - Southwest	0.007*		10:45	
	NN3 - Southeast	0.011*		10:45	
	NN4 - Northeast	0.013*		10:45	
5/9/06	NN1 - Northwest	0.018*	0.013*	10:15	NNE
	NN2 - Southwest	0.010*		10:15	
	NN3 - Southeast	0.016*		10:15	
	NN4 - Northeast	0.014*		10:15	
5/10/06	NN1 - Northwest	0.003*	0.008*	10:45	ENE
	NN2 - Southwest	0.007*		10:45	
	NN3 - Southeast	0.009*		10:45	
	NN4 - Northeast	0.007*		10:45	
5/11/06	NN1 - Northwest	0.001*	0.006*	10:30	Variable
	NN2 - Southwest	0.003*		10:15	
	NN3 - Southeast	0.004*		10:00	
	NN4 - Northeast	0.005*		10:00	
5/12/06	NN1 - Northwest	0.015*	0.008*	12:00	Variable
	NN2 - Southwest	0.010*		12:00	
	NN3 - Southeast	0.017*		12:00	
	NN4 - Northeast	0.006*		12:00	
5/15/06	NN1 - Northwest	0.006*	0.002*	11:00	Variable
	NN2 - Southwest	0.007*		11:00	
	NN3 - Southeast	0.003*		11:00	
	NN4 - Northeast	0.004*		11:00	
5/16/06	NN1 - Northwest	0.035*	0.008*	9:00[3]	W
	NN2 - Southwest	0.012*		11:15	
	NN3 - Southeast	0.012*		11:15	
	NN4 - Northeast	0.015*		8:45[3]	

TABLE 11-6
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

PARTICULATE AMBIENT AIR CONCENTRATIONS
NEWELL STREET AREA II
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/17/06	NN1 - Northwest	0.035*	0.015*	3:15[3]	SSW
	NN2 - Southwest	0.012*		11:15	
	NN3 - Southeast	0.012*		11:15	
	NN4 - Northeast	0.018*		11:15	
5/18/06	NN1 - Northwest	0.086*	0.024*	10:45	SSW
	NN2 - Southwest	0.014*		11:00	
	NN3 - Southeast	0.024*		11:00	
	NN4 - Northeast	0.028*		11:00	
5/19/06	NN1 - Northwest	0.002*	0.022*	9:30[3]	WSW
	NN2 - Southwest	0.027*		11:45	
	NN3 - Southeast	0.016*		12:00	
	NN4 - Northeast	0.019*		11:45	
5/22/06	NN1 - Northwest	0.068*	0.002*	11:00	WNW
	NN2 - Southwest	0.006*		10:15	
	NN3 - Southeast	0.002*		11:15	
	NN4 - Northeast	0.004*		11:15	
5/23/06	NN1 - Northwest	0.041	0.008*	10:45	WNW
	NN2 - Southwest	0.007*		10:30	
	NN3 - Southeast	0.023*		10:30	
	NN4 - Northeast	0.009*		10:30	
5/24/06	NN1 - Northwest	0.047	0.006*	10:45	WNW
	NN2 - Southwest	0.008		10:00	
	NN3 - Southeast	0.008*		10:30	
	NN4 - Northeast	0.007*		10:30	
5/25/06	NN1 - Northwest	0.035	0.014*	12:00	SSW
	NN2 - Southwest	0.023*		12:00	
	NN3 - Southeast	0.016*		12:00	
	NN4 - Northeast	0.018*		12:00	
5/26/06	NN1 - Northwest	0.024	0.030*	7:00[3]	Calm
	NN2 - Southwest	0.045*		11:00	
	NN3 - Southeast	0.037*		11:00	
	NN4 - Northeast	0.035*		10:45	
5/30/06	NN1 - Northwest	0.033*	0.023*	10:45	Variable
	NN2 - Southwest	0.021		10:15	
	NN3 - Southeast	0.045*		10:45	
	NN4 - Northeast	0.052*		10:45	
5/31/06	NN1 - Northwest	0.048*	0.053*	11:15	WSW
	NN2 - Southwest	0.037		11:15	
	NN3 - Southeast	0.056*		11:15	
	NN4 - Northeast	0.058*		11:15	
Notification Level		0.120			

Notes:

* Measured with DR-2000 or DR-4000. All other measured with pDR-1000.

Background monitoring station is located east of Building 9B, between 9B and New York Avenue.

Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.

[1] Monitoring was performed only on days when site activities occurred.

[2] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.

[3] Sampling period was shortened due to instrument malfunction.

[4] Represents data from a pDR-1000 and DR-4000.

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
MAY 2006

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

a. Activities Undertaken/Completed

Selected a Remediation Contractor (May 5, 2006).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit Supplemental Information Package to EPA (by June 16, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Awaiting EPA approval of Addendum to Final RD/RA Work Plan (submitted on April 26, 2006).
- EPA has agreed to an extension of time for submission of the Supplemental Information Package until June 16, 2006.

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
MAY 2006

*** 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)

- Install seepage meters in support of upcoming total organic carbon (TOC) report.
- Conduct annual inspection of potential erosion on restored banks.
- For restored bank vegetation monitoring, modify monitoring plot sizes and locations as proposed in 2005 Annual Monitoring Report.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
MAY 2006

(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 May 24, 2006, BBL (on GE's behalf) performed a round of water column monitoring at 10 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, as identified in Table 14-1. (The other eight locations are discussed under Items 15 and 20 below.)

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

Continue Housatonic River monthly water column monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 14-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	Location-4	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-4	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06

TABLE 14-2
SAMPLE DATA RECEIVED DURING MAY 2006

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	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.249	3.10	0.0018
LOCATION-6A	Pomeroy Ave. Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.321	3.20	0.0030

Notes:

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

ITEM 15
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MAY 2006

a. Activities Undertaken/Completed

On May 24, 2006, BBL (on GE's behalf) performed a round of water column monitoring at 10 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. One location is at the outlet of Silver Lake and is discussed in Item 20 below. 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 these locations on May 24, 2006 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, as identified in Table 15-1.

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted report on biennial structural integrity assessment of Woods Pond Dam and quarterly inspection report on Woods Pond Dam (May 9, 2006).*

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

- Continue Housatonic River monthly water column monitoring.
- Submit structural integrity report on Rising Pond Dam (prepared by consultant to owner of that dam, Fox River Paper Company).*
- Prepare design drawings for installation of replacement gate at Rising Pond Dam.*
- Make presentation to Peer Review Panel on EPA's Model Validation Report and attend peer review meeting (June 28-29, 2006).*
- On GE's behalf, the Academy of Natural Sciences of Philadelphia is planning to collect benthic insect samples from the Connecticut portion of the river, if river flow conditions allow.

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MAY 2006

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 15-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Building 78 Drum Sampling Fox River Paper Mill	A2395-1	4/25/06	Soil	SGS	PCB, TCLP	5/15/06
Monthly Water Column Sampling	HR-D1 (Location-12)	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	HR-D1 (Location-12)	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-1	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-10	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-10	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-12	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-12	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-13	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-2	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-7	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	4/27/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	5/11/06
Monthly Water Column Sampling	Location-9	5/24/06	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING MAY 2006

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	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.337	3.50	0.0010
LOCATION-2	Newell Street Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.379	3.20	0.0015
LOCATION-7	Holmes Road Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.238	3.20	0.0022
LOCATION-9	New Lenox Road Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.324	3.00	0.0023
LOCATION-10	Headwaters of Woods Pond	4/27/06	ND(0.0000220)	0.0000230 PE	ND(0.0000220)	0.0000230 AG	0.0000460	0.347	2.50	0.0016
LOCATION-12	Schweitzer Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	0.0000250 AF	0.0000230 AG	0.0000480	0.347	3.00	0.0019
		4/27/06	[ND(0.0000220)]	[ND(0.0000220)]	[ND(0.0000220)]	[ND(0.0000220)]	[ND(0.0000220)]	[0.398]	[3.30]	[0.0021]
LOCATION-13	Division Street Bridge	4/27/06	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.372	4.80	0.0030

Notes:

1. Samples were collected by Blasland, Bouck, & Lee, Inc. and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs, total suspended solids (TSS), particulate organic carbon (POC), and
2. chlorophyll (a).
   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
3. total river depth at each station.
4. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
   Field duplicate sample results are presented in brackets.

Data Qualifiers:

AF - Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
AG - Aroclor 1260 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.
PE - Aroclor 1248 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1248 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample
that has undergone environmental alteration.

TABLE 15-3
PCB DATA RECEIVED DURING MAY 2006

BUILDING 78 DRUM SAMPLING FOX RIVER PAPER MILL
HOUSATONIC RIVER - REST OF RIVER
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
A2395-1	4/25/06	ND(0.10)	0.96	1.9	2.86

Notes:
1. Sample was collected by Blasland, Bouck, & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 15-4 for a summary of TCLP constituents.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

TABLE 15-4
TCLP DATA RECEIVED DURING MAY 2006

BUILDING 78 DRUM SAMPLING FOX RIVER PAPER MILL
HOUSATONIC RIVER - REST OF RIVER
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	A2395-1 4/25/06
Volatile Organics		
1,1-Dichloroethene	0.7	ND(0.10)
1,2-Dichloroethane	0.5	ND(0.10)
2-Butanone	200	ND(0.20)
Benzene	0.5	ND(0.10)
Carbon Tetrachloride	0.5	ND(0.10)
Chlorobenzene	100	ND(0.10)
Chloroform	6	ND(0.10)
Tetrachloroethene	0.7	ND(0.10)
Trichloroethene	0.5	ND(0.10)
Vinyl Chloride	0.2	ND(0.10)
Semivolatile Organics		
1,4-Dichlorobenzene	7.5	ND(0.050)
2,4,5-Trichlorophenol	400	ND(0.050)
2,4,6-Trichlorophenol	2	ND(0.050)
2,4-Dinitrotoluene	0.13	ND(0.050)
Cresol	200	ND(0.050)
Hexachlorobenzene	0.13	ND(0.050)
Hexachlorobutadiene	0.5	ND(0.050)
Hexachloroethane	3	ND(0.050)
Nitrobenzene	2	ND(0.050)
Pentachlorophenol	100	ND(0.050)
Pyridine	5	ND(0.050)
Inorganics		
Arsenic	5	0.00430 B
Barium	100	0.500
Cadmium	1	0.00180 B
Chromium	5	0.00370 B
Lead	5	0.0200 B
Mercury	0.2	ND(0.00200)
Selenium	1	0.00980 B
Silver	5	ND(0.0200)

Notes:

1. Sample was collected by Blasland, Bouck, & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and TCLP constituents.
2. Please refer to Table 15-3 for a summary of PCBs.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

Inorganics

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

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720)
MAY 2006

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

a. Activities Undertaken/Completed

- Continued restoration activities at certain Phase 3 floodplain properties.
- Conducted inspection of backfilled/restored areas at Phase 3 floodplain properties.
- Initiated soil removal actions at the Phase 4 floodplain properties.
- Conducted ambient air monitoring for particulates, as identified in Table 16&17-1.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

- Submitted Addendum to the Supplemental Information Package for the Phase 4 Floodplain Properties (May 15, 2006).
- Submitted letter to EPA identifying wood turtle release location (May 23, 2006).

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

- Submit report on inspection of backfilled/restored areas at Phase 3 floodplain properties.
- Continue soil removal actions at the Phase 4 floodplain properties.
- Work on Final Completion Reports for Phase 1 and 2 and Phase 3 floodplain properties.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

ITEMS 16 & 17
(cont'd)
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720)
MAY 2006

f. Proposed/Approved Work Plan Modifications

- Received EPA conditional approval of the Supplemental Information Package for the Phase 4 Floodplain Properties (May 11, 2006).

- Received EPA conditional approval of the Addendum to the Supplemental Information Package for the Phase 4 Floodplain Properties (May 18, 2006).

- Discussed with EPA use of topsoil proposed in the Addendum to the Supplemental Information Package for the Phase 4 Floodplain Properties, and received verbal confirmation of EPA's approval to use that topsoil (May 30, 2006).

TABLE 16&17-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

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	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Floodplain Topsoil Sampling Program	RAYROBERT-TOPSOIL-1	4/17/06	Soil	SGS	PCB, VOC, SVOC, Metals	5/4/06
Floodplain Topsoil Sampling Program	RAYROBERT-TOPSOIL-2	4/19/06	Soil	SGS	PCB, VOC, SVOC, Metals	5/10/06
Ambient Air Particulate Matter Sampling	4A-1	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	4C-1	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	4C-2	5/30/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	4A-1	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	4C-1	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06
Ambient Air Particulate Matter Sampling	4C-2	5/31/06	Air	Berkshire Environmental	Particulate Matter	6/2/06

TABLE 16&17-2
APPENDIX IX+3 DATA RECEIVED DURING MAY 2006

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

Parameter / Sample ID: / Date Collected:	RAYROBERT-TOPSOIL-1 4/17/06	RAYROBERT-TOPSOIL-2 4/19/06
Volatile Organics		
Benzene	0.0049 J	0.0033 J
Chlorobenzene	ND(0.0062)	0.012
PCBs		
None Detected	--	--
Semivolatile Organics		
1,2,4-Trichlorobenzene	0.044 J	0.11 J
1,3-Dichlorobenzene	0.10 J	0.31 J
1,4-Dichlorobenzene	0.25 J	0.69
2-Methylnaphthalene	ND(0.41)	0.071 J
Acenaphthene	ND(0.41)	0.11 J
Acenaphthylene	ND(0.41)	0.074 J
Aniline	ND(0.41)	0.087 J
Anthracene	ND(0.41)	0.27 J
Benzo(a)anthracene	0.077 J	0.68
Benzo(a)pyrene	0.070 J	0.58
Benzo(b)fluoranthene	0.077 J	0.41
Benzo(g,h,i)perylene	0.049 J	0.31 J
Benzo(k)fluoranthene	0.078 J	0.51
bis(2-Ethylhexyl)phthalate	0.14 J	0.15 J
Chrysene	0.11 J	0.67
Dibenzofuran	ND(0.41)	0.071 J
Fluoranthene	0.16 J	1.5
Indeno(1,2,3-cd)pyrene	0.037 J	0.26 J
Naphthalene	0.39 J	0.99
Phenanthrene	0.076 J	1.0
Pyrene	0.15 J	1.2
Inorganics		
Arsenic	4.80	8.40
Barium	40.0	54.0
Beryllium	0.240 B	0.300 B
Cadmium	0.0640 B	0.100 B
Chromium	12.0	9.90
Cobalt	6.70	8.50
Copper	24.0	19.0
Lead	27.0	56.0
Mercury	0.0990 B	0.0890 B
Nickel	13.0	13.0
Selenium	0.580 B	1.30
Tin	ND(10.0)	3.80 B
Vanadium	11.0	15.0
Zinc	63.0	100

Notes:
1. Samples were collected by Blasland, Bouck, & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, volatiles, semivolatiles, and metals.
2. Only detected constituents are summarized.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.
4. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)
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 PQL.

TABLE 16&17-3
AMBIENT AIR PARTICULATE MATTER DATA RECEIVED DURING MAY 2006[1]

PHASE 4 FLOODPLAIN PROPERTIES - GROUP 4C
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sampling Date[2]	Sampler Location	Average Site Concentration (mg/m^3)	Background Site Concentration (mg/m^3)	Average Period (Hours:Min)	Predominant Wind Direction
5/30/06	4A-1	0.040	0.026*	10:15	Variable
	4C-1	0.052[3]		9:45	
	4C-2	0.036		7:45[4]	
5/31/06	4A-1	0.063	0.042*	11:15	WSW
	4C-1	0.112*		11:15	
	4C-2	0.075		11:15	
Notification Level		0.120			

Notes:

* Measured with a DR-2000 or DR-4000. All others measured with a pDR-1000.

Background monitoring location at 15 Longfellow Avenue in Pittsfield.

Predominant wind direction determined using hourly wind direction data from the Pittsfield Municipal Airport Weather Station.

[1] Monitoring was performed only on days when site activities occurred.

[2] The particulate monitors obtain real-time data. The sampling data were obtained by BEC on the sampling date.

[3] Measured with a pDR-1000 and a DR-4000.

[4] Sampling period was shortened due to mid-morning sampler location change.

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
MAY 2006

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

None

e. General Progress/Unresolved Issues/Potential Schedule Impacts

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

f. Proposed/Approved Work Plan Modifications

None

ITEM 19
ALLENDALE SCHOOL PROPERTY
(GECD500)
MAY 2006

a. Activities Undertaken/Completed

Received draft protocol issued by Massachusetts Department of Public Health (MDPH) outlining indoor sampling to be conducted by MDPH at Allendale School.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Submit comments to MDPH on draft protocol for indoor sampling at Allendale School.
- Receive results from outdoor air monitoring conducted by EPA, as well as, potentially, results from indoor sampling conducted by MDPH at Allendale School.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 20
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MAY 2006

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

a. Activities Undertaken/Completed

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

- On May 24, 2006, BBL (on GE's behalf) performed a round of water column monitoring at 10 locations along the Housatonic River between Coltsville and Great Barrington, MA. One location was at the outlet of Silver Lake (Location 4A). A grab sample was collected and submitted to Northeast Analytical for analysis of PCBs (total) and TSS, as identified in Table 20-1. (The other nine locations were discussed under Items 14 and 15 above).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted response to EPA comments on GE's March 2006 Bench-Scale Study Report for Silver Lake Sediments, along with revised Bench-Scale Report (May 31, 2006).

d. Upcoming Scheduled Activities (next six weeks)

- Submit Pilot Study Work Plan for Silver Lake Sediments (due by June 15, 2006).

- Participate in technical meeting with EPA regarding comments and review of the Pilot Study Work Plan for Silver Lake Sediments (June 27, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

- Received EPA conditional approval letter for GE's March 2006 Bench-Scale Study Report for Silver Lake Sediments (May 2, 2006).

ITEM 20
(cont'd)
OTHER AREAS
SILVER LAKE AREA
(GECD600)
MAY 2006

f. Proposed/Approved Work Plan Modifications (cont'd)

- Received EPA conditional approval letter for GE's Third Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake, as modified by an April 5, 2006 Addendum thereto (May 11, 2006).

- As verbally approved by EPA during a May 17, 2006 technical meeting, monthly water level monitoring at well pairs surrounding the lake will be discontinued.

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	Location-4A	5/24/06	Water	NEA	PCB, TSS	

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2006

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

a. Activities Undertaken/Completed

General:

- Conducted routine groundwater elevation and NAPL monitoring activities.

East Street Area 1-North and South:

- Continued automated groundwater and NAPL pumping at North Side and South Side Caissons. No LNAPL was recovered from the North Side Caisson in May. Approximately 2.0 gallons of LNAPL were recovered from the South Side Caisson in May.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 0.006 liter (0.002 gallon) of LNAPL was removed from this area during May.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,201,400 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 717 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. Approximately 29 gallons of DNAPL were removed from pumping system RW-3(X) during May.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 1.080 liter (0.285 gallon) of LNAPL was removed from wells in this area during May.

- Treated/discharged 5,374,631 gallons of water through 64G Groundwater Treatment Facility.

East Street Area 2-North:

- Continued well monitoring and NAPL removal activities. No LNAPL was recovered from this area during May.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2006

a. Activities Undertaken/Completed (cont'd)

20s, 30s, and 40s Complexes:

- Continued well monitoring and NAPL removal activities. Approximately 378 liters (99.736 gallons) of LNAPL were recovered from this area during May.

- Monitored water levels and LNAPL thickness in Building 43 elevator shaft. Approximately 378 liters (99.736 gallons) of LNAPL were recovered from the Building 43 elevator shaft during May (see Item 1.a above).

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 253,821 gallons of groundwater was recovered from pumping systems RW-1R, RW-2, and RW-3. No LNAPL was removed from the automated recovery systems during May.

- Continued routine well monitoring and NAPL removal activities. Approximately 2.616 liters (0.690 gallon) of DNAPL was removed from wells in this area during May. No LNAPL was removed from wells in this area during May.

Newell Street Area II:

- Continued routine well monitoring and NAPL removal activities. Approximately 2.414 liters (0.6370 gallon) of DNAPL were recovered from this area during May. No LNAPL was recovered from this area during May.

- Installed replacement well NS-15R and monitoring well GMA1-25.

Silver Lake Area:

- Continued routine monitoring of monitoring well pairs around lake and staff gauge in lake.

b. Sampling/Test Results Received

See attached tables.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2006

c. Work Plans/Reports/Documents Submitted

At the request of the Pittsfield Economic Development Authority (PEDA), submitted proposal to remove/replace selected monitoring wells in the 20s and 30s Complexes (May 22, 2006).

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

- Continue routine monitoring activities.

- Install monitoring wells GMA1-26 through GMA1-28 at Newell Street Area II.

- Repair/replace wells that were damaged during Newell Street Area II Removal Action.

- Upon receiving EPA approval, decommission the Building 43 elevator shaft with tremie grout.

- Following EPA approval of the following proposed activities contained in GE's Spring 2005 NAPL Monitoring Report (submitted on August 30, 2005), GE will:

  - Remove oil skimmer from well 40R and place it in well GMA1-17W.
  - Decommission 31 wells at the Lyman Street Area.

- Prepare Groundwater Quality Monitoring Interim Report for Spring 2006 (due to EPA by July 31, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- The automated DNAPL recovery systems for Newell Street Area II were shut down on July 25, 2005 pursuant to EPA approval of GE's June 7 and 23, 2005 proposals. Each system has been disconnected from the associated recovery wells and the System 1 control shed has been removed. Pipelines scheduled for replacement have been drained and removed. Two replacement recovery wells (N2SC-1I(R) and N2SC-3I(R)) have been installed and developed. The upgraded recovery system will be completed and activated approximately 2 to 3 months after completion of the EPA-approved soil remediation activities in this area.

- As discussed with EPA, GE is continuing to monitor all remaining wells associated with the Newell Street Area II DNAPL recovery systems on a weekly basis and to remove DNAPL accumulations greater than 0.5 foot on a monthly basis until the upgraded recovery system is activated.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MAY 2006

f. Proposed/Approved Work Plan Modifications

- Several program modifications were proposed in GE's Spring 2005 NAPL Monitoring Report. Installation of wells GMA1-22, GMA1-23, and GMA1-24 (approved by EPA in an electronic transmittal on March 7, 2006) was completed during late March 2006. EPA approval of the remaining proposed modifications is pending (see Item 21.d above).

- Received EPA conditional approval of GE's January 30, 2006 Groundwater Quality Monitoring Interim Report for Fall 2005 (May 10, 2006).

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
May 2006

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	May 2005	20.0	16,300	
	June 2005	22.0	21,000	8.57 - Maintenance
	July 2005	0.0	16,600	
	August 2005	1.0	16,000	
	September 2005	4.0	10,400	4.91
	October 2005	24.0	8,900	26.34
	November 2005	4.0	52,000	
	December 2005	12.0	33,900	
	January 2006	1.0	44,300	
	February 2006	1.0	27,700	
	March 2006	5.0	26,800	0.71
	April 2006	0.0	17,500	
	May 2006	0.0	20,500	
Southside	May 2005	0.0	86,600	
	June 2005	2.0	100,300	
	July 2005	0.0	45,800	
	August 2005	1.0	37,100	
	September 2005	9.0	56,300	4.91
	October 2005	4.0	71,000	4.91
	November 2005	2.0	96,600	
	December 2005	0.0	112,800	
	January 2006	15.0	98,400	
	February 2006	0.0	98,500	
	March 2006	3.0	121,500	0.71
	April 2006	12.0	76,200	
	May 2006	2.0	73,500	

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
May 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2006 Removal (liters)
34	5/30/2006	5.61	5.60	0.01	0.006	0.006

Total Manual LNAPL Removal for May 2006: 0.006 liters
0.002 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
May 2006

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA 1 - East Street Area 1 - North									
North Caisson	997.84	5/4/2006	18.00	17.99	0.01	---	19.80	0.00	979.85
North Caisson	997.84	5/10/2006	18.13	18.12	0.01	---	19.80	0.00	979.72
North Caisson	997.84	5/17/2006	18.00	17.99	0.01	---	19.80	0.00	979.85
North Caisson	997.84	5/24/2006	18.02	18.01	0.01	---	19.80	0.00	979.83
GMA 1 - East Street Area 1 - South									
31R	1,000.23	5/30/2006	8.90	---	0.00	---	15.05	0.00	991.33
33	999.50	5/30/2006	5.80	---	0.00	---	21.25	0.00	993.70
34	999.90	5/30/2006	5.61	5.60	0.01	---	21.03	0.00	994.30
72	1000.62	5/30/2006	6.28	---	0.00	---	21.96	0.00	994.34
72R	1000.92	5/30/2006	6.20	---	0.00	---	13.30	0.00	994.72
139R	986.91	4/14/2006	10.76	---	0.00	---	14.18	0.00	976.15
South Caisson	1001.11	5/4/2006	12.85	12.81	0.04	---	15.00	0.00	988.30
South Caisson	1001.11	5/10/2006	14.52	14.50	0.02	---	15.00	0.00	986.61
South Caisson	1001.11	5/17/2006	14.55	14.53	0.02	---	15.00	0.00	986.58
South Caisson	1001.11	5/24/2006	13.88	13.85	0.03	---	15.00	0.00	987.26

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. This table also includes groundwater data collected from certain wells during sampling activities conducted in April 2006 that were not compiled in time to include in the previous monthly report.

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
May 2006

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
40R	May 2005	0		0.96 - Maintenance
	June 2005	0		0.36 - Power Outage
	July 2005	0		
	August 2005	0		
	September 2005	0		
	October 2005	0		
	November 2005	0		
	December 2005	0		
	January 2006	0		
	February 2006	0		
	March 2006	0		
	April 2006	0		
	May 2006	0		
64R	May 2005	550	931,300	0.96 - Maintenance
	June 2005	325	643,200	0.36 - Power Outage
	July 2005	225	260,800	
	August 2005	250	73,300	
	September 2005	50	10,200	4.91
	October 2005	75	492,200	10.71
	November 2005	125	988,100	
	December 2005	400	1,062,900	
	January 2006	400	896,700	
	February 2006	375	899,800	
	March 2006	150	170,611	0.71
	April 2006	75	375,609	
	May 2006	75	435,398	
64S System	May 2005	300	660,761	0.96 - Maintenance
	June 2005	275	527,949	0.36 - Power Outage
	July 2005	10	330,937	
	August 2005	218	271,691	13.73 - Maintenance
	September 2005	321	172,650	4.91
	October 2005	82	541,419	10.71
	November 2005	324	1,014,521	
	December 2005	170	927,871	
	January 2006	245	1,080,795	
	February 2006	673	1,304,005	
	March 2006	1,285	1,078,733	2.14
	April 2006	558	696,282	5.36
	May 2006	51	668,110	1.79
64V [1]	May 2005	254	996,400	0.96 - Maintenance
	June 2005	515	1,177,700	0.36 - Power Outage
	July 2005	465	922,700	
	August 2005	581	993,100	
	September 2005	349	714,700	4.91
	October 2005	564	933,400	4.91
	November 2005	515	1,304,100	
	December 2005	564	1,117,000	
	January 2006	697	1,208,800	
	February 2006	598	1,177,900	
	March 2006	315	1,251,800	0.71
	April 2006	249	901,800	
	May 2006	431	911,700	

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
May 2006

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	May 2005	0	374,400	0.96 - Maintenance
	June 2005	5	504,000	3.21 - Maint. & Power Outage
	July 2005	15	417,600	3.45 - Maintenance
	August 2005	20	489,600	
	September 2005	25	403,200	
	October 2005	25	403,200	21.43
	November 2005	0	489,600	
	December 2005	6	417,600	
	January 2006	1	417,600	
	February 2006	1	388,800	
	March 2006	1	504,000	0.71
	April 2006	1	403,200	
	May 2006	83	403,200	
RW-2(X)	May 2005	0	730,600	0.96 - Maintenance
	June 2005	0	972,100	3.21 - Maint. & Power Outage
	July 2005	0	747,100	
	August 2005	0	982,100	
	September 2005	0	721,200	4.91
	October 2005	0	529,600	
	November 2005	0	573,600	
	December 2005	0	491,800	
	January 2006	0	710,700	
	February 2006	0	1,288,600	
	March 2006	0	1,081,726	0.71
	April 2006	10	408,494	
	May 2006	0	652,543	
RW-1(S) [2]	May 2005	0	912,416	0.96 - Maintenance
	June 2005	0	1,107,860	0.36 - Power Outage
	July 2005	17	813,490	
	August 2005	32	780,217	1.96 - Maintenance
	September 2005	4	527,699	4.91
	October 2005	43	783,765	
	November 2005	42	1,103,548	
	December 2005	40	900,898	
	January 2006	30	270,228	
	February 2006	27	1,042,895	
	March 2006	40	1,049,702	0.71
	April 2006	57	736,984	
	May 2006	77	744,621	
RW-1(X)	May 2005	0	233,700	0.96 - Maintenance
	June 2005	0	328,300	3.21 - Maint. & Power Outage
	July 2005	0	109,800	
	August 2005	0	142,000	
	September 2005	0	80,000	4.91
	October 2005	0	299,300	
	November 2005	0	390,700	
	December 2005	0	324,500	
	January 2006	0	417,500	
	February 2006	0	381,500	
	March 2006	0	119,720	0.71
	April 2006	0	403,940	
	May 2006	0	385,828	

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
May 2006

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	May 2005	51		0.96 - Maintenance
	June 2005	62		0.36 - Power Outage
	July 2005	44		
	August 2005	51		11.76 - Maintenance
	September 2005	40		
	October 2005	19		35.71
	November 2005	51		5.88
	December 2005	31		
	January 2006	27		
	February 2006	20		
	March 2006	36		
	April 2006	29		
	May 2006	29		

Summary of Total Automated Removal		
Water:	**4,201,400**	**Gallons**
LNAPL:	**717**	**Gallons**
DNAPL:	**29**	**Gallons**

Notes:
1. The flow meter at recovery well 64V was reset in December 2004.
2. The flow meter at recovery well RW-1(S) was reset in January 2006.
3. The flow meters at recovery wells RW-1(X), RW-2(X), 64X(W), and 64R were reset in March 2006.

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
May 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2006 Removal (liters)
Bldg. 43 Elev.	5/3/2006	23.21	19.59	3.62	283.50	378.00
	5/4/2006	20.48	20.01	0.47	37.80	
	5/5/2006	20.06	20.05	0.01	56.70	
GMA1-19	5/2/2006	11.40	11.06	0.34	0.210	1.080
	5/9/2006	11.41	11.20	0.21	0.130	
	5/16/2006	10.72	10.55	0.17	0.105	
	5/24/2006	10.72	10.18	0.54	0.333	
	5/31/2006	11.04	10.55	0.49	0.302	

Total LNAPL Removal East Street Area 2 - South for May 2006: 1.080 liters
0.285 gallons

Total LNAPL Removal 20's, 30's & 40's Complexes for May 2006: 378.000 liters
99.736 gallons

Total LNAPL Removal for May 2006: 379.080 liters
100.021 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
May 2006

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
May 2005	4,962,650	288,751	5,251,401
June 2005	4,057,780	318,355	4,376,135
July 2005	3,212,250	389,015	3,601,265
August 2005	2,778,090	356,961	3,135,051
September 2005	2,537,520	335,710	2,873,230
October 2005	5,156,510	177,795	5,334,305
November 2005	5,221,180	163,951	5,385,131
December 2005	5,678,290	104,185	5,782,475
January 2006	6,317,250	89,159	6,406,409
February 2006	8,371,400	114,659	8,486,059
March 2006	5,301,850	200,184	5,502,034
April 2006	4,830,590	255,870	5,086,460
May 2006	5,110,840	263,791	5,374,631

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
May 2006

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)
40s Complex									
Bldg. 43 Elev.	NA	5/1/06	23.65	19.55	4.10	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/3/06	23.21	19.59	3.62	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/4/06	20.48	20.01	0.47	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/5/06	20.06	20.05	0.01	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/8/06	19.96	19.95	0.01	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/9/06	20.10	20.09	0.01	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/10/06	21.12	21.11	0.01	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/11/06	20.12	20.11	0.01	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/17/06	19.97	19.96	0.01	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/24/06	19.71	---	0.00	---	---	0.00	NA
Bldg. 43 Elev.	NA	5/31/06	19.67	19.66	0.01	---	---	0.00	NA
East Street Area 2 - South									
19	983.59	5/2/06	10.95	---	0.00	---	18.30	0.00	972.64
19	983.59	5/9/06	11.11	---	0.00	---	18.30	0.00	972.48
19	983.59	5/16/06	10.40	---	0.00	---	18.30	0.00	973.19
19	983.59	5/24/06	10.14	---	0.00	---	18.30	0.00	973.45
19	983.59	5/31/06	10.50	---	0.00	---	18.30	0.00	973.09
40R	991.60	5/4/06	17.75	---	0.00	---	NM	0.00	973.85
40R	991.60	5/10/06	17.85	---	0.00	---	NM	0.00	973.75
40R	991.60	5/17/06	17.40	---	0.00	---	NM	0.00	974.20
40R	991.60	5/24/06	17.10	---	0.00	---	NM	0.00	974.50
64R	993.37	5/4/06	16.86	P	< 0.01	---	19.00	0.00	976.51
64R	993.37	5/10/06	17.04	17.02	0.02	---	19.00	0.00	976.35
64R	993.37	5/17/06	16.50	16.49	0.01	---	19.00	0.00	976.88
64R	993.37	5/24/06	16.96	16.95	0.01	---	19.00	0.00	976.42
64S	984.48	5/4/06	19.15	P	< 0.01	---	28.70	0.00	965.33
64S	984.48	5/10/06	19.15	P	< 0.01	---	28.70	0.00	965.33
64S	984.48	5/17/06	19.13	19.12	0.01	---	28.70	0.00	965.36
64S	984.48	5/24/06	19.12	P	< 0.01	---	28.70	0.00	965.36
64S-Caisson	NA	5/4/06	10.82	10.78	0.04	---	14.55	0.00	NA
64S-Caisson	NA	5/10/06	11.02	10.99	0.03	---	14.55	0.00	NA
64S-Caisson	NA	5/17/06	10.21	10.19	0.02	---	14.55	0.00	NA
64S-Caisson	NA	5/24/06	10.35	10.34	0.01	---	14.55	0.00	NA
64V	987.29	5/4/06	21.90	21.50	0.40	---	29.60	0.00	965.76
64V	987.29	5/10/06	21.70	21.55	0.15	---	29.60	0.00	965.73
64V	987.29	5/17/06	22.10	21.70	0.40	P	29.60	< 0.01	965.56
64V	987.29	5/24/06	22.20	21.60	0.60	---	29.60	0.00	965.65
64X(N)	984.83	5/4/06	12.40	P	< 0.01	---	15.85	0.00	972.43
64X(N)	984.83	5/10/06	12.65	12.64	0.01	---	15.85	0.00	972.19
64X(N)	984.83	5/17/06	11.28	11.27	0.01	---	15.85	0.00	973.56
64X(N)	984.83	5/24/06	11.58	11.57	0.01	---	15.85	0.00	973.26
64X(S)	981.56	5/4/06	15.58	15.52	0.06	---	23.82	0.00	966.04
64X(S)	981.56	5/10/06	15.95	15.80	0.15	---	23.82	0.00	965.75
64X(S)	981.56	5/17/06	14.30	14.26	0.04	---	23.82	0.00	967.30
64X(S)	981.56	5/24/06	14.72	14.70	0.02	---	23.82	0.00	966.86
64X(W)	984.87	5/4/06	18.87	18.70	0.17	---	24.35	0.00	966.16
64X(W)	984.87	5/10/06	19.03	19.00	0.03	---	24.35	0.00	965.87
64X(W)	984.87	5/17/06	17.50	P	< 0.01	---	24.35	0.00	967.37
64X(W)	984.87	5/24/06	17.90	17.89	0.01	---	24.35	0.00	966.98
GMA1-19	984.28	5/2/06	11.40	11.06	0.34	---	17.14	0.00	973.20
GMA1-19	984.28	5/9/06	11.41	11.20	0.21	---	17.14	0.00	973.07
GMA1-19	984.28	5/16/06	10.72	10.55	0.17	---	17.14	0.00	973.72
GMA1-19	984.28	5/24/06	10.72	10.18	0.54	---	17.13	0.00	974.06
GMA1-19	984.28	5/31/06	11.04	10.55	0.49	---	17.14	0.00	973.70
GMA1-20	983.49	5/2/06	10.58	---	0.00	---	17.30	0.00	972.91
GMA1-20	983.49	5/9/06	10.92	---	0.00	---	17.28	0.00	972.57
GMA1-20	983.49	5/16/06	9.98	---	0.00	---	17.30	0.00	973.51
GMA1-20	983.49	5/24/06	9.75	---	0.00	---	17.30	0.00	973.74
GMA1-20	983.49	5/31/06	10.10	---	0.00	---	17.28	0.00	973.39
GMA1-21	985.68	5/2/06	12.60	---	0.00	---	19.46	0.00	973.08

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
May 2006

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)
GMA1-21	985.68	5/9/06	12.40	---	0.00	---	19.42	0.00	973.28
GMA1-21	985.68	5/16/06	12.10	---	0.00	---	19.45	0.00	973.58
GMA1-21	985.68	5/24/06	11.81	---	0.00	---	19.45	0.00	973.87
GMA1-21	985.68	5/31/06	12.20	---	0.00	---	19.42	0.00	973.48
GMA1-22	988.45	5/16/06	14.52	---	0.00	---	19.25	0.00	973.93
GMA1-23	986.16	5/16/06	12.15	---	0.00	---	17.30	0.00	974.01
GMA1-24	983.81	5/16/06	10.90	---	0.00	---	16.10	0.00	972.91
HR-G2-MW-1	982.60	5/16/06	9.80	---	0.00	---	18.21	0.00	972.80
HR-G2-MW-2	981.39	5/16/06	7.70	---	0.00	---	17.70	0.00	973.69
HR-G2-MW-3	987.14	5/16/06	13.85	---	0.00	---	22.00	0.00	973.29
HR-G3-RW-1	977.78	5/16/06	5.02	---	0.00	---	18.72	0.00	972.76
RW-1(S)	987.23	5/4/06	19.15	18.90	0.25	---	28.60	0.00	968.31
RW-1(S)	987.23	5/10/06	20.20	20.10	0.10	---	28.60	0.00	967.12
RW-1(S)	987.23	5/17/06	19.25	19.05	0.20	---	28.60	0.00	968.17
RW-1(S)	987.23	5/24/06	19.80	18.20	1.60	---	28.60	0.00	968.92
RW-1(X)	982.68	5/4/06	13.70	---	0.00	---	20.80	0.00	968.98
RW-1(X)	982.68	5/10/06	13.85	---	0.00	---	20.80	0.00	968.83
RW-1(X)	982.68	5/17/06	13.45	---	0.00	---	20.80	0.00	969.23
RW-1(X)	982.68	5/24/06	14.20	---	0.00	---	20.80	0.00	968.48
RW-2(X)	985.96	5/4/06	13.80	---	0.00	---	15.30	0.00	972.16
RW-2(X)	985.96	5/10/06	14.15	---	0.00	---	15.30	0.00	971.81
RW-2(X)	985.96	5/17/06	12.40	---	0.00	---	15.30	0.00	973.56
RW-2(X)	985.96	5/24/06	12.90	---	0.00	---	15.30	0.00	973.06
RW-3(X)	980.28	5/4/06	8.90	---	0.00	42.80	44.40	1.60	971.38
RW-3(X)	980.28	5/10/06	8.80	---	0.00	42.90	44.40	1.50	971.48
RW-3(X)	980.28	5/17/06	7.80	---	0.00	42.80	44.40	1.60	972.48
RW-3(X)	980.28	5/24/06	7.10	---	0.00	42.50	44.40	1.90	973.18
Housatonic River									
SG-HR-1	990.73	5/2/06	19.40	See Note 6 regarding depth to water					971.33
SG-HR-1	990.73	5/9/06	19.32	See Note 6 regarding depth to water					971.41
SG-HR-1	990.73	5/17/06	17.35	See Note 6 regarding depth to water					973.38
SG-HR-1	990.73	5/24/06	18.50	See Note 6 regarding depth to water					972.23
SG-HR-1	990.73	5/31/06	19.28	See Note 6 regarding depth to water					971.45

Notes:

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
May 2004	307,361	--	--	--
June 2004	410,230	--	--	--
July 2004	328,363	--	--	--
August 2004	310,473	--	--	--
September 2004	499,209	--	1	20
October 2004	426,078	--	--	--
November 2004	421,409	--	--	12
December 2004	539,528	--	--	10
January 2005	443,634	--	--	10
February 2005	409,113	--	--	5
March 2005	455,192	--	--	5
April 2005	425,145	--	--	5
May 2005	357,497	--	--	--
June 2005	422,006	--	--	10
July 2005	310,647	--	5	10
August 2005	302,572	--	--	--
September 2005	198,753	--	--	--
October 2005	314,247	--	--	--
November 2005	412,936	--	--	--
December 2005	332,721	--	--	--
January 2006	342,548	--	--	--
February 2006	336,595	--	--	--
March 2006	322,169	--	--	--
April 2006	245,626	--	--	--
May 2006	253,821	--	--	--

Notes:
1. Volume of water pumped is total from Wells RW-1R, RW-2, and RW-3.
2. -- indicates LNAPL or DNAPL was not recovered by the system.
3. There was no downtime during May 2006.

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
May 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2006 Removal (liters)
LS-30	5/22/06	13.30	20.20	2.00	1.234	1.234
LS-31	5/22/06	13.18	22.40	0.92	0.568	0.568
LSSC-07	5/2/06	10.90	24.85	0.23	0.142	0.777
	5/9/06	11.10	24.75	0.33	0.204	
	5/17/06	9.50	24.90	0.18	0.111	
	5/22/06	9.60	24.88	0.20	0.123	
	5/31/06	10.35	24.76	0.32	0.197	
LSSC-08I	5/2/06	12.41	23.38	0.01	0.006	0.037
	5/31/06	11.80	23.33	0.05	0.031	

Total Manual DNAPL Removal for May 2006: 2.616 liters
0.690 gallons

Note:
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
May 2006

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	5/22/06	6.30	---	0.00	---	19.68	0.00	976.57
EPA-01	983.04	5/22/06	10.90	---	0.00	---	22.65	0.00	972.14
LS-24	986.58	5/22/06	Covered by Pallet		0.00	---	---	0.00	NA
LS-30	986.440	5/22/06	13.30	---	0.00	20.20	22.20	2.00	973.14
LS-31	987.090	5/22/06	13.18	---	0.00	22.40	23.32	0.92	973.91
LS-38	986.95	5/22/06	14.40	---	0.00	---	25.05	0.00	972.55
LS-44	980.78	5/22/06	8.45	---	0.00	---	24.75	0.00	972.33
LSSC-07	982.48	5/2/06	10.90	---	0.00	24.85	25.08	0.23	971.58
LSSC-07	982.48	5/9/06	11.10	---	0.00	24.75	25.08	0.33	971.38
LSSC-07	982.48	5/17/06	9.50	---	0.00	24.90	25.08	0.18	972.98
LSSC-07	982.48	5/22/06	9.60	---	0.00	24.88	25.08	0.20	972.88
LSSC-07	982.48	5/31/06	10.35	---	0.00	24.76	25.08	0.32	972.13
LSSC-08I	983.13	5/2/06	12.41	---	0.00	23.38	23.39	0.01	970.72
LSSC-08I	983.13	5/9/06	12.60	---	0.00	---	23.38	0.00	970.53
LSSC-08I	983.13	5/17/06	10.61	---	0.00	---	23.38	0.00	972.52
LSSC-08I	983.13	5/22/06	11.09	---	0.00	---	23.39	0.00	972.04
LSSC-08I	983.13	5/31/06	11.80	---	0.00	23.33	23.38	0.05	971.33
LSSC-08S	983.11	5/22/06	11.02	---	0.00	---	14.68	0.00	972.09
LSSC-16I	980.88	5/22/06	8.02	---	0.00	---	28.53	0.00	972.86
LSSC-18	987.32	5/22/06	13.65	---	0.00	---	18.58	0.00	973.67
LSSC-32	980.68	5/22/06	8.05	---	0.00	---	35.24	0.00	972.63
LSSC-33	980.49	5/22/06	7.85	---	0.00	---	29.70	0.00	972.64
MW-6R	985.14	5/22/06	10.50	---	0.00	---	13.93	0.00	974.64
RW-1	984.88	5/4/06	12.54	---	0.00	P	21.00	< 0.01	972.34
RW-1	984.88	5/10/06	12.55	---	0.00	P	21.00	< 0.01	972.33
RW-1	984.88	5/17/06	12.05	---	0.00	P	21.00	< 0.01	972.83
RW-1	984.88	5/24/06	11.85	---	0.00	P	21.00	< 0.01	973.03
RW-1 (R)	985.07	5/4/06	15.85	---	0.00	P	20.42	< 0.01	969.22
RW-1 (R)	985.07	5/10/06	15.80	---	0.00	P	20.42	< 0.01	969.27
RW-1 (R)	985.07	5/17/06	15.75	---	0.00	P	20.42	< 0.01	969.32
RW-1 (R)	985.07	5/24/06	15.80	---	0.00	P	20.42	< 0.01	969.27
RW-2	987.82	5/4/06	14.20	---	0.00	---	21.75	0.00	973.62
RW-2	987.82	5/10/06	14.50	---	0.00	---	21.75	0.00	973.32
RW-2	987.82	5/17/06	13.25	---	0.00	---	21.75	0.00	974.57
RW-2	987.82	5/24/06	13.35	---	0.00	---	21.75	0.00	974.47
RW-3	984.08	5/4/06	16.55	16.53	0.02	---	21.57	0.00	967.55
RW-3	984.08	5/10/06	16.68	16.65	0.03	---	21.57	0.00	967.43
RW-3	984.08	5/17/06	16.80	16.70	0.10	---	21.57	0.00	967.37
RW-3	984.08	5/24/06	16.45	16.42	0.03	---	21.57	0.00	967.66

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	5/2/06	16.18	See Note 5 regarding depth to water					970.14
BM-2A	986.32	5/9/06	16.28	See Note 5 regarding depth to water					970.04
BM-2A	986.32	5/17/06	13.90	See Note 5 regarding depth to water					972.42
BM-2A	986.32	5/24/06	15.99	See Note 5 regarding depth to water					970.33
BM-2A	986.32	5/31/06	16.10	See Note 5 regarding depth to water					970.22

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. NA indicates information not available.
4. P indicates that LNAPL is present at a thickness that is < 0.01 feet, the corresponding thickness is recorded as such.
5. A survey reference point (BM-2A) was established on the Lyman Street Bridge. The "Depth to Water" value(s) provided in 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
May 2006

Recovery System	Date	Total Gallons Recovered
System 1 [(1)]	May 2005	9.9
	June 2005	18.7
	July 2005	14.3
	August 2005	--[(4)]
	September 2005	--[(4)]
	October 2005	--[(4)]
	November 2005	--[(4)]
	December 2005	--[(4)]
	January 2006	--[(4)]
	February 2006	--[(4)]
	March 2006	--[(4)]
	April 2006	--[(4)]
	May 2006	--[(4)]
System 2 [(2)]	May 2005	145.8
	June 2005	32.4
	July 2005	48.6
	August 2005	--[(4)]
	September 2005	--[(4)]
	October 2005	--[(4)]
	November 2005	--[(4)]
	December 2005	--[(4)]
	January 2006	--[(4)]
	February 2006	--[(4)]
	March 2006	--[(4)]
	April 2006	--[(4)]
	May 2006	--[(4)]
Total Automated DNAPL Removal for May 2006:		**0.0 Gallons**

Notes:
1. System 1 wells are NS-15, NS-30, and NS-32.
2. System 2 wells are N2SC-01I, N2SC-03I, and N2SC-14.
3. In January 2005, System 2 malfunctioned during weeks 2 and 3 pumping mostly water. The volume reported for those two weeks is an estimated quantity that was included in the total volume removed.
4. The DNAPL recovery systems for the Newell Street Area II were shut down on July 25, 2005. The upgraded systems will be completed and activated approximately 2 to 3 months after completion of the EPA-approved soil remediation activities in this area.

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
May 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	May 2006 Removal (liters)
N2SC-03I(R)	5/5/06	13.04	40.10	0.58	0.779	0.779
N2SC-07	5/22/06	11.10	37.90	0.24	0.148	0.148
N2SC-08	5/22/06	11.40	40.20	2.41	1.487	1.487

Total DNAPL Removal for May 2006: 2.414 liters
0.637 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
May 2006

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-01I	984.99	5/2/06	13.20	---	0.00	37.65	41.70	4.05	971.79
N2SC-01I	984.99	5/9/06	14.52	---	0.00	39.05	42.88	3.83	970.47
N2SC-01I	984.99	5/17/06	11.91	---	0.00	37.50	41.60	4.10	973.08
N2SC-01I	984.99	5/22/06	11.80	---	0.00	37.73	41.60	3.87	973.19
N2SC-01I	984.99	5/31/06	12.62	---	0.00	37.90	41.60	3.70	972.37
N2SC-01I(R)	986.01	5/2/06	13.30	---	0.00	40.27	40.58	0.31	972.71
N2SC-01I(R)	986.01	5/9/06	13.45	---	0.00	39.90	40.60	0.70	972.56
N2SC-01I(R)	986.01	5/17/06	12.15	---	0.00	39.35	40.55	1.20	973.86
N2SC-01I(R)	986.01	5/22/06	12.05	---	0.00	39.80	40.60	0.80	973.96
N2SC-01I(R)	986.01	5/31/06	12.78	---	0.00	39.60	40.62	1.02	973.23
N2SC-02	985.56	5/22/06	10.58	---	0.00	39.28	39.30	0.02	974.98
N2SC-03I	986.24	5/2/06	13.40	---	0.00	38.30	40.80	2.50	972.84
N2SC-03I	986.24	5/9/06	13.50	---	0.00	38.25	40.80	2.55	972.74
N2SC-03I	986.24	5/17/06	10.60	---	0.00	36.40	38.90	2.50	975.64
N2SC-03I	986.24	5/22/06	10.18	---	0.00	36.30	38.90	2.60	976.06
N2SC-03I	986.24	5/31/06	10.95	---	0.00	36.45	38.90	2.45	975.29
N2SC-03I(R)	985.86	5/2/06	12.94	---	0.00	---	37.90	0.00	972.92
N2SC-03I(R)	985.86	5/5/06	13.04	---	0.00	40.10	40.68	0.58	972.82
N2SC-03I(R)	985.86	5/9/06	13.10	---	0.00	37.94	40.55	2.61	972.76
N2SC-03I(R)	985.86	5/17/06	4.87	---	0.00	38.00	40.55	2.55	980.99
N2SC-03I(R)	985.86	5/22/06	11.71	---	0.00	38.00	40.55	2.55	974.15
N2SC-03I(R)	985.86	5/31/06	12.35	---	0.00	38.05	40.55	2.50	973.51
N2SC-07	984.61	5/22/06	11.10	---	0.00	37.90	38.14	0.24	973.51
N2SC-08	986.07	5/22/06	11.40	---	0.00	40.20	42.61	2.41	974.67
N2SC-14	985.06	5/2/06	14.30	---	0.00	38.55	40.25	1.70	970.76
N2SC-14	985.06	5/9/06	14.40	---	0.00	38.60	40.30	1.70	970.66
N2SC-14	985.06	5/17/06	13.05	---	0.00	38.20	40.26	2.06	972.01
N2SC-14	985.06	5/22/06	13.05	---	0.00	38.55	40.30	1.75	972.01
N2SC-14	985.06	5/31/06	13.76	---	0.00	38.54	40.30	1.76	971.30
NS-15R	NA	5/17/06	12.65	---	0.00	---	40.60	0.00	NA
NS-15R	NA	5/22/06	12.32	---	0.00	---	40.40	0.00	NA
NS-15R	NA	5/31/06	13.15	---	0.00	---	40.30	0.00	NA
NS-30	985.99	5/2/06	12.40	---	0.00	36.85	37.14	0.29	973.59
NS-30	985.99	5/9/06	12.94	---	0.00	36.85	37.78	0.93	973.05
NS-30	985.99	5/17/06	10.15	---	0.00	35.90	36.35	0.45	975.84
NS-30	985.99	5/22/06	10.15	---	0.00	36.05	36.35	0.30	975.84
NS-30	985.99	5/31/06	10.92	---	0.00	36.02	36.30	0.28	975.07
NS-32	986.20	5/2/06	13.30	---	0.00	39.90	39.94	0.04	972.90
NS-32	986.20	5/9/06	13.40	---	0.00	39.20	39.90	0.70	972.80
NS-32	986.20	5/17/06	11.71	---	0.00	39.80	39.92	0.12	974.49
NS-32	986.20	5/22/06	11.65	---	0.00	39.60	39.90	0.30	974.55
NS-32	986.20	5/31/06	12.45	---	0.00	39.82	39.90	0.08	973.75

Notes:

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

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-01D	983.13	5/30/06	4.56	---	0.00	---	36.95	0.00	978.57
SLGW-01S	982.94	5/30/06	7.00	---	0.00	---	16.25	0.00	975.94
SLGW-02D	985.10	5/30/06	7.30	---	0.00	---	36.85	0.00	977.80
SLGW-02S	985.39	5/30/06	8.10	---	0.00	---	8.30	0.00	977.29
SLGW-03D	979.14	5/30/06	1.40	---	0.00	---	32.05	0.00	977.74
SLGW-03S	980.21	5/30/06	4.30	---	0.00	---	14.53	0.00	975.91
SLGW-04D	983.51	5/30/06	6.15	---	0.00	---	37.10	0.00	977.36
SLGW-04S	984.02	5/30/06	8.15	---	0.00	---	16.68	0.00	975.87
SLGW-05D	979.30	5/30/06	3.40	---	0.00	---	34.90	0.00	975.90
SLGW-05S	979.12	5/30/06	3.64	---	0.00	---	11.60	0.00	975.48
SLGW-06D	981.63	5/30/06	5.75	---	0.00	---	34.98	0.00	975.88
SLGW-06S	981.66	5/30/06	5.51	---	0.00	---	13.75	0.00	976.15
Staff Gauge within Silver Lake									
Silver Lake Gauge	980.30	5/2/06	4.19	See Note 4 regarding depth to water					984.49
Silver Lake Gauge	980.30	5/9/06	4.28	See Note 4 regarding depth to water					984.58
Silver Lake Gauge	980.30	5/17/06	4.18	See Note 4 regarding depth to water					984.48
Silver Lake Gauge	980.30	5/24/06	4.22	See Note 4 regarding depth to water					984.52
Silver Lake Gauge	980.30	5/30/06	4.46	See Note 4 regarding depth to water					984.76

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 survey reference point was established on the Silver Lake staff gauge. 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.
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)
MAY 2006

*** 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.

- Preliminary analytical results received in May 2006 from the spring 2006 GMA 2 interim groundwater quality monitoring activities are shown in Table 22-2. They consist of the analytical results for PCBs in filtered samples from wells GMA2-1 and GMA2-4. These results indicate the following:

    - The MCP Method 1 GW-3 standard for PCBs (0.0003 ppm) was exceeded in the samples from both monitoring wells. Similar exceedances have been observed in filtered samples collected from each of these wells.

    - There was no exceedance of the MCP Upper Concentration Limit for PCBs in groundwater (0.005 ppm) in either sample.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine river elevation monitoring.

- Prepare Groundwater Quality Monitoring Interim Report for Spring 2006 (due to EPA by July 31, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Semi-Annual Groundwater Sampling	GMA-DUP-3 (GMA2-1)	4/17/06	Groundwater	SGS	PCB (f)	5/15/06
Semi-Annual Groundwater Sampling	GMA2-1	4/17/06	Groundwater	SGS	PCB (f)	5/15/06
Semi-Annual Groundwater Sampling	GMA2-4	4/19/06	Groundwater	SGS	PCB (f)	5/30/06

Notes:
1. Field duplicate sample locations are presented in parenthesis.
2. (f) - Indicates filtered analysis requested.

TABLE 22-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 2
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	GMA2-1 4/17/06	GMA2-4 4/19/06
PCBs-Filtered		
Aroclor-1254	0.00033 [0.0016]	0.00085
Aroclor-1260	ND(0.000065) [0.00070]	ND(0.000065)
Total PCBs	0.00033 [0.0023]	0.00085

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

TABLE 22-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	5/30/06	16.87	See Note 3 regarding depth to water					972.95

Notes:

1. ft BMP - feet Below Measuring Point.
2. --- indicates LNAPL or DNAPL was not present in a measurable quantity.
3. A survey reference point was established on the Oxbow J & K foot bridge. The "Depth to Water" value(s) provided in the above table refer to the vertical distance from the surveyed reference point to the water surface.

ITEM 23
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MAY 2006

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation and NAPL monitoring, including semi-annual monitoring round. Approximately 14.762 liters (3.89 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 3.778 liters (1.00 gallon) of LNAPL were manually removed from the wells in this area (see Table 23-4).

- Completed spring 2006 groundwater sampling event, with the exception of certain wells that require re-sampling (see Item 23.e).

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in May 2006 from the spring 2006 GMA 3 interim groundwater quality monitoring activities are shown in Table 23-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. These comparisons indicate the following:

  - The MCP UCL for chlorobenzene in groundwater (10 ppm) was exceeded in the samples from monitoring wells 2A, 16A, and 39B-R. Similar exceedances were previously observed in these wells.

  - There were no other exceedances of UCLs in any of the groundwater sample results received in May 2006.

  - The MCP GW-2 standards were not exceeded in any of the GW-2 groundwater sample results received in May 2006.

  - The MCP GW-3 standard for PCBs (0.0003 ppm) was exceeded in the filtered samples from monitoring well 114B-R.

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MAY 2006

b. Sampling/Test Results Received (cont'd)

- Although wells 2A, 16A, and 39B-R are natural attenuation wells and not monitoring points for GW-3 standards, we note, for completeness, that the concentrations of chlorobenzene in the samples from those wells were greater than the MCP GW-3 standard. The chlorobenzene concentrations at these locations were also greater than MCP UCL for chlorobenzene in groundwater, as discussed above. This was also true in previous sampling events. In addition, benzene concentrations in wells 2A and 16A, and the trichloroethene concentration at well 2A, were greater than the respective MCP GW-3 standards. Similar observations were made during prior sampling events at these wells.

- There were no other exceedances of MCP GW-3 standards in any of the groundwater sample results received in May 2006.

c. Work Plans/Reports/Documents Submitted

Submitted a soil gas investigation work plan to obtain data to evaluate the potential volatilization of constituents observed in well 51-8 into the indoor air of Building 51 (May 31, 2006).

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

- Continue ongoing groundwater and NAPL monitoring and recovery activities.

- Resample wells 16C-R, 54B-R, 82B-R, and 95B-R for selected parameters (see Item 23.e).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

A sample cooler shipped on April 26, 2006 was lost during shipping. Once located and delivered to the laboratory, the samples were found to be outside allowable temperature limits. These samples consisted of samples collected from wells 54B-R, 82B-R, and 95B-R for PCDD/PCDF analysis and samples collected from wells 16C-R and 95B-R for methane/ethane/ethene analyses. As a result, GE will re-collect samples from these wells for the required analyses.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of the Fall 2005 Baseline Groundwater Quality and NAPL Monitoring Interim Report (May 2, 2006).

TABLE 23-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Semi-Annual Groundwater Sampling	111A-R	4/24/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	111B-R	4/25/06	Groundwater	SGS	PCB, PCB (f), VOC, SVOC, Metals, Metals (f), EPA CN, EPA CN (f), Sulfide, PCDD/PCDF. Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	114A	5/9/06	Groundwater	SGS	VOC, Natural Attenuation	
Semi-Annual Groundwater Sampling	114B-R	4/20/06	Groundwater	SGS	PCB, PCB (f), VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	115A	5/10/06	Groundwater	SGS	VOC, Natural Attenuation	
Semi-Annual Groundwater Sampling	115B	5/10/06	Groundwater	SGS	VOC, Natural Attenuation	
Semi-Annual Groundwater Sampling	16B-R	4/20/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	2A	4/19/06	Groundwater	SGS	VOC, SVOC (Limited), Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	39B-R	4/20/06	Groundwater	SGS	VOC, SVOC (Limited), Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	39D-R	4/20/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	39E	4/20/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	43A	4/19/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	43B	4/19/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	6B-R	4/19/06	Groundwater	SGS	VOC	5/30/06
Semi-Annual Groundwater Sampling	89A	5/2/06	Groundwater	SGS	VOC, SVOC (Limited), Natural Attenuation	
Semi-Annual Groundwater Sampling	89B	5/2/06	Groundwater	SGS	VOC, SVOC (Limited), Natural Attenuation	
Semi-Annual Groundwater Sampling	89D-R	5/2/06	Groundwater	SGS	VOC, Natural Attenuation	
Semi-Annual Groundwater Sampling	90A	4/25/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	90B	4/25/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	95A	5/1/06	Groundwater	SGS	VOC, SVOC (Limited), Natural Attenuation	
Semi-Annual Groundwater Sampling	GMA-DUP-5 (111A-R)	4/24/06	Groundwater	SGS	VOC, Natural Attenuation	5/30/06

Notes:
1. Field duplicate sample locations are presented in parenthesis.
2. (f) - Indicates filtered analysis requested.

TABLE 23-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 4/19/06	6B-R 4/19/06	16B-R 4/20/06	39B-R 4/20/06	39D-R 4/20/06
Volatile Organics					
Benzene	34	0.099	0.012	1.4	0.050
Chlorobenzene	160	0.073	0.051	32	0.64
Ethylbenzene	0.062 J	ND(0.0050)	ND(0.0050)	ND(1.0)	0.0050
Methylene Chloride	ND(0.10)	ND(0.0050)	ND(0.0050)	ND(1.0)	0.0016 J
Toluene	2.7	0.0019 J	ND(0.0050)	0.69 J	0.0046 J
Trichloroethene	11	ND(0.0050)	ND(0.0050)	0.86 J	0.12
Vinyl Chloride	ND(0.10)	ND(0.0020)	ND(0.0020)	ND(1.0)	ND(0.0020)
Xylenes (total)	ND(0.10)	ND(0.010)	ND(0.010)	ND(1.0)	0.0070 J
Total VOCs	210	0.17 J	0.063	35 J	0.83 J
PCBs-Unfiltered					
Aroclor-1254	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA
Semivolatile Organics					
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2-Chlorophenol	ND(0.010)	NA	NA	0.0094 J	NA
4-Chlorophenol	1.9	NA	NA	0.71	NA
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	2A 4/19/06	6B-R 4/19/06	16B-R 4/20/06	39B-R 4/20/06	39D-R 4/20/06
Inorganics-Unfiltered					
Barium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Inorganics-Filtered					
Barium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Natural Attenuation Parameters					
Alkalinity (Total)	180	NA	490	280	140
Chloride	8.0	NA	570	400	8.4
Dissolved Iron	ND(0.100)	NA	ND(0.100)	0.0250 B	ND(0.100)
Dissolved Organic Carbon	1.90	NA	6.60	8.00	3.40
Ethane	ND(0.020)	NA	ND(0.20)	ND(0.020)	ND(0.020)
Ethene	ND(0.020)	NA	ND(0.20)	ND(0.020)	ND(0.020)
Methane	ND(0.00720)	NA	2.20	0.280	ND(0.00720)
Nitrate Nitrogen	ND(0.100)	NA	ND(0.100)	0.340	ND(0.100)
Nitrite Nitrogen	ND(0.500)	NA	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	20.0	NA	11.0	13.0	56.0

TABLE 23-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39E 4/20/06	43A 4/19/06	43B 4/19/06	90A 4/25/06	90B 4/25/06
Volatile Organics					
Benzene	0.0015 J	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.068	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Ethylbenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.0056	0.0028 J
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Xylenes (total)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
Total VOCs	0.070 J	ND(0.20)	ND(0.20)	0.0056	0.0028 J
PCBs-Unfiltered					
Aroclor-1254	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA
PCBs-Filtered					
Aroclor-1254	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA
Semivolatile Organics					
1,4-Dichlorobenzene	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA
4-Chlorophenol	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	39E 4/20/06	43A 4/19/06	43B 4/19/06	90A 4/25/06	90B 4/25/06
Inorganics-Unfiltered					
Barium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Inorganics-Filtered					
Barium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA
Natural Attenuation Parameters					
Alkalinity (Total)	81.0	200	590	150	130
Chloride	7.8	38	50	10	5.8
Dissolved Iron	0.180	ND(0.100)	ND(0.100)	ND(0.100)	5.10
Dissolved Organic Carbon	1.20	1.60	2.70	1.00	6.10
Ethane	ND(0.020)	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020)
Ethene	ND(0.020)	ND(0.20)	ND(0.020)	ND(0.020)	ND(0.020)
Methane	0.940	1.60	0.980	0.150	0.0900
Nitrate Nitrogen	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)	ND(0.100)
Nitrite Nitrogen	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	ND(5.00)	ND(5.00)	ND(5.00)	18.0	6.80

TABLE 23-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	111A-R 4/24/06	111B-R 4/25/06	114B-R 4/20/06
Volatile Organics			
Benzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.021
Chlorobenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	0.29
Ethylbenzene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)
Methylene Chloride	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)
Toluene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)
Trichloroethene	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.010)
Vinyl Chloride	ND(0.0020) [ND(0.0020)]	ND(0.0020)	0.013
Xylenes (total)	ND(0.010) [ND(0.010)]	ND(0.010)	ND(0.010)
Total VOCs	ND(0.20) [ND(0.20)]	ND(0.20)	0.32
PCBs-Unfiltered			
Aroclor-1254	NA	ND(0.000065)	0.00040
Total PCBs	NA	ND(0.000065)	0.00040
PCBs-Filtered			
Aroclor-1254	NA	ND(0.000065)	0.00087
Total PCBs	NA	ND(0.000065)	0.00087
Semivolatile Organics			
1,4-Dichlorobenzene	NA	0.0013 J	NA
2-Chlorophenol	NA	ND(0.010)	NA
4-Chlorophenol	NA	NA	NA
Furans			
2,3,7,8-TCDF	NA	ND(0.0000000040)	NA
TCDFs (total)	NA	ND(0.0000000077)	NA
1,2,3,7,8-PeCDF	NA	ND(0.0000000056)	NA
2,3,4,7,8-PeCDF	NA	ND(0.0000000055)	NA
PeCDFs (total)	NA	ND(0.0000000056)	NA
1,2,3,4,7,8-HxCDF	NA	ND(0.0000000064)	NA
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000056)	NA
1,2,3,7,8,9-HxCDF	NA	ND(0.0000000076)	NA
2,3,4,6,7,8-HxCDF	NA	ND(0.0000000063)	NA
HxCDFs (total)	NA	ND(0.0000000064)	NA
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000069)	NA
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000089)	NA
HpCDFs (total)	NA	ND(0.0000000077)	NA
OCDF	NA	ND(0.000000014)	NA
Dioxins			
2,3,7,8-TCDD	NA	ND(0.0000000038)	NA
TCDDs (total)	NA	ND(0.000000010)	NA
1,2,3,7,8-PeCDD	NA	ND(0.0000000048)	NA
PeCDDs (total)	NA	ND(0.000000011)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000065)	NA
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000060)	NA
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000065)	NA
HxCDDs (total)	NA	ND(0.0000000094)	NA
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000076)	NA
HpCDDs (total)	NA	ND(0.000000011)	NA
OCDD	NA	ND(0.000000020)	NA
Total TEQs (WHO TEFs)	NA	0.0000000084	NA

TABLE 23-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 3
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	111A-R 4/24/06	111B-R 4/25/06	114B-R 4/20/06
Inorganics-Unfiltered			
Barium	NA	0.0360 B	NA
Cadmium	NA	0.000630 B	NA
Chromium	NA	0.00120 B	NA
Cobalt	NA	0.00160 B	NA
Copper	NA	0.00220 B	NA
Nickel	NA	0.00540 B	NA
Sulfide	NA	2.40 B	NA
Zinc	NA	0.0260	NA
Inorganics-Filtered			
Barium	NA	0.0370 B	NA
Cadmium	NA	ND(0.00500)	NA
Chromium	NA	0.000760 B	NA
Cobalt	NA	0.00160 B	NA
Copper	NA	ND(0.0250)	NA
Nickel	NA	0.00560 B	NA
Zinc	NA	0.0240	NA
Natural Attenuation Parameters			
Alkalinity (Total)	140 [140]	87.0	270
Chloride	92 [92]	8.8	110
Dissolved Iron	ND(0.100) [ND(0.100)]	ND(0.100)	ND(0.100)
Dissolved Organic Carbon	0.960 B [0.940 B]	1.20	2.20
Ethane	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)
Ethene	ND(0.020) [ND(0.020)]	ND(0.020)	ND(0.020)
Methane	ND(0.00720) [ND(0.00720)]	ND(0.00720)	0.140
Nitrate Nitrogen	ND(0.100) [ND(0.100)]	6.30	ND(0.100)
Nitrite Nitrogen	ND(0.500) [ND(0.500)]	ND(0.500)	ND(0.500)
Sulfate (turbidimetric)	120 [76.0]	170	9.70

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents, and Natural Attenuation Parameters.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis 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 and Natural Attenuation Parameters, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	May 2006 Removal (liters)
51-08	5/23/06	10.76	10.43	0.33	0.204	0.204
51-17	5/23/06	10.50	9.50	1.00	0.62	0.617
51-19	5/23/06	10.25	9.78	0.47	0.29	0.290
51-21	5/4/06	15.15	P	< 0.01	4.54	14.762
	5/10/06	15.30	P	< 0.01	2.27	
	5/17/06	15.00	P	< 0.01	3.41	
	5/24/06	14.80	P	< 0.01	4.55	
59-03R	5/23/06	11.30	10.92	0.38	0.23	0.234
GMA3-10	5/2/06	11.25	10.88	0.37	0.228	0.413
	5/31/06	11.10	10.80	0.30	0.185	
GMA3-12	5/2/06	11.48	11.20	0.28	0.692	1.470
	5/10/06	11.47	11.33	0.14	0.086	
	5/23/06	11.36	11.08	0.28	0.692	
GMA3-13	5/2/06	11.30	11.05	0.25	0.154	0.549
	5/10/06	11.51	11.15	0.36	0.222	
	5/17/06	11.25	11.10	0.15	0.093	
	5/23/06	11.05	10.95	0.10	0.062	
	5/31/06	11.04	11.01	0.03	0.019	

Total Automated LNAPL Removal at well 51-21 for May 2006 **14.762 liters**
3.89 Gallons

Total Manual LNAPL Removal at all other wells for May 2006 **3.778 liters**
1.00 Gallons

Total LNAPL Removed for May 2006: **18.540 liters**
4.89 Gallons

Notes:

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

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

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)
016C-R	993.23	5/31/06	7.68	---	0.00	---	101.92	0.00	985.55
51-05	996.44	5/23/06	10.78	10.71	0.07	---	14.35	0.00	985.73
51-06	997.36	5/23/06	10.30	---	0.00	---	14.50	0.00	987.06
51-07	997.08	5/23/06	10.30	---	0.00	---	11.20	0.00	986.78
51-08	997.08	5/2/06	10.70	10.65	0.05	---	14.66	0.00	986.43
51-08	997.08	5/10/06	10.90	10.80	0.10	---	14.66	0.00	986.27
51-08	997.08	5/17/06	10.80	10.65	0.15	---	14.65	0.00	986.42
51-08	997.08	5/23/06	10.76	10.43	0.33	---	14.67	0.00	986.63
51-08	997.08	5/31/06	10.61	10.60	0.01	---	14.68	0.00	986.48
51-09	997.70	5/23/06	10.60	---	0.00	---	11.58	0.00	987.10
51-11	994.37	5/23/06	7.10	---	0.00	---	13.45	0.00	987.27
51-12	996.55	5/23/06	7.30	---	0.00	---	13.30	0.00	989.25
51-13	997.42	5/23/06	DRY		0.00	---	10.02	0.00	---
51-14	996.77	5/23/06	10.25	---	0.00	---	14.90	0.00	986.52
51-15	996.43	5/23/06	9.70	9.68	0.02	---	11.95	0.00	986.75
51-16R	996.39	5/23/06	9.70	---	0.00	---	14.55	0.00	986.69
51-17	996.43	5/23/06	10.50	9.50	1.00	---	14.50	0.00	986.86
51-18	997.12	5/23/06	10.35	---	0.00	---	12.59	0.00	986.77
51-19	996.43	5/23/06	10.25	9.78	0.47	---	14.05	0.00	986.62
51-21	1001.49	5/4/06	15.15	P	< 0.01	---	NM	0.00	986.34
51-21	1001.49	5/10/06	15.30	P	< 0.01	---	NM	0.00	986.19
51-21	1001.49	5/17/06	15.00	P	< 0.01	---	NM	0.00	986.49
51-21	1001.49	5/24/06	14.80	P	< 0.01	---	NM	0.00	986.69
054B-R	991.49	4/28/06	4.32	---	0.00	---	15.50	0.00	987.17
59-01	997.52	5/23/06	10.90	---	0.00	---	11.40	0.00	986.62
59-03R	997.64	5/23/06	11.30	10.92	0.38	---	17.05	0.00	986.69
59-07	997.96	5/23/06	11.23	11.21	0.02	---	23.54	0.00	986.75
089A	985.76	5/2/06	2.69	---	0.00	---	44.52	0.00	983.07
089B	986.03	5/2/06	2.96	---	0.00	---	8.48	0.00	983.07
089D-R	987.11	5/2/06	4.12	---	0.00	---	79.25	0.00	982.99
095A	987.18	5/1/06	6.60	---	0.00	---	50.91	0.00	980.58
095B-R	986.24	5/31/06	5.65	---	0.00	---	14.58	0.00	980.59
114A	986.16	5/9/06	6.34	---	0.00	---	52.19	0.00	979.82
115A	988.53	5/10/06	8.35	---	0.00	---	42.70	0.00	980.18
115B	990.90	5/10/06	11.60	---	0.00	---	15.69	0.00	979.30
GMA3-7	1000.17	5/23/06	13.11	---	0.00	---	19.80	0.00	987.06
GMA3-10	997.54	5/2/06	11.25	10.88	0.37	---	17.94	0.00	986.63
GMA3-10	997.54	5/10/06	11.18	11.00	0.18	---	17.94	0.00	986.53
GMA3-10	997.54	5/17/06	11.07	10.93	0.14	---	17.95	0.00	986.60
GMA3-10	997.54	5/23/06	10.99	10.78	0.21	---	17.96	0.00	986.75
GMA3-10	997.54	5/31/06	11.10	10.80	0.30	---	17.95	0.00	986.72
GMA3-11	997.25	5/23/06	10.05	---	0.00	---	18.29	0.00	987.20
GMA3-12	997.84	5/2/06	11.48	11.20	0.28	---	21.20	0.00	986.62
GMA3-12	997.84	5/10/06	11.47	11.33	0.14	---	21.20	0.00	986.50
GMA3-12	997.84	5/17/06	11.42	11.25	0.17	---	21.20	0.00	986.58
GMA3-12	997.84	5/23/06	11.36	11.08	0.28	---	21.20	0.00	986.74
GMA3-12	997.84	5/31/06	11.30	11.16	0.14	---	21.24	0.00	986.67
GMA3-13	997.73	5/2/06	11.30	11.05	0.25	---	17.70	0.00	986.66
GMA3-13	997.73	5/10/06	11.51	11.15	0.36	---	17.70	0.00	986.55
GMA3-13	997.73	5/17/06	11.25	11.10	0.15	---	17.70	0.00	986.62
GMA3-13	997.73	5/23/06	11.05	10.95	0.10	---	17.70	0.00	986.77
GMA3-13	997.73	5/31/06	11.04	11.01	0.03	---	17.74	0.00	986.72
GMA3-14	997.42	5/23/06	10.55	---	0.00	---	17.03	0.00	986.87

TABLE 23-4
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
GMA3-15	996.74	5/23/06	10.56	---	0.00	---	17.20	0.00	986.18
UB-MW-10	995.99	5/23/06	9.25	---	0.00	---	14.94	0.00	986.74
UB-PZ-3	998.15	5/23/06	11.72	11.60	0.12	---	13.41	0.00	986.54

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. This table also includes groundwater data collected from certain wells during sampling activities conducted in April 2006 that was not compiled in time to include in the previous monthly report.

ITEM 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
MAY 2006

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

a. Activities Undertaken/Completed

- Conducted routine groundwater elevation monitoring (see Item 24.f below).

- Decommissioned well OPCA-MW-1 and installed replacement well OPCA-MW-1R.

b. Sampling/Test Results Received

- See attached tables.

- Preliminary analytical results received in May 2006 from the spring 2006 GMA 4 interim groundwater quality monitoring activities are shown in Table 24-2. These preliminary results have been compared to the applicable Method 1 GW-2 and GW-3 groundwater standards and UCLs for groundwater set forth in the MCP. (Note that, under this interim monitoring program, samples collected for PCBs, cyanide, or metals analyses from locations where four baseline sampling rounds have been completed are analyzed for these constituents in filtered form only.) These comparisons indicate the following:

  - There were no exceedances of UCLs in any of the groundwater sample results received in May 2006.

  - The MCP GW-2 standard for vinyl chloride (0.002 ppm) was exceeded in monitoring well OPCA-MW-5R. This is the first time an exceedance of this standard has been observed in this well.

  - The MCP GW-3 standard for PCBs (0.0003 ppm) was exceeded in the filtered samples from monitoring wells 78-6, H78B-15, OPCA-MW-1, OPCA-MW-4, and OPCA-MW-7. Similar exceedances were previously observed in filtered samples collected from wells H78B-15, OPCA-MW-1 and OPCA-MW-7.

  - No other MCP GW-3 standards were exceeded in any of the groundwater sample results received in May 2006.

c. Work Plans/Reports/Documents Submitted

None

ITEM 24
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
MAY 2006

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

Continue routine monitoring at well GMA4-3.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

- In GE's Spring 2005 Groundwater Quality Monitoring Interim Report (submitted on August 30, 2005), GE proposed that wells GMA4-5 and H78B-13R no longer be sampled under the interim groundwater monitoring program.

- In GE's Groundwater Quality Monitoring Interim Report for Fall 2005 (submitted on February 27, 2006), GE proposed that total cyanide analyses be eliminated from the interim groundwater monitoring program and replaced by analysis of physiologically available cyanide (PAC) at locations to be monitored for cyanide presence. This proposed modification was verbally approved by EPA on March 30, 2006 and implemented during the April 2006 sampling round. In addition, GE proposed modifications to the groundwater elevation monitoring network (including installation of new well GMA4-6) and also proposed to replace well OPCA-MW-1 with well GMA4-4 if the former well is removed as part of an expansion of the Hill 78 OPCA. Installation of GMA4-6 was approved by EPA in an electronic transmittal on March 7, 2006. As of the end of May 2006, EPA approval of the remaining proposed modifications was pending.

TABLE 24-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Semi-Annual Groundwater Sampling	16A	4/20/06	Groundwater	SGS	VOC, SVOC (Limited), Natural Attenuation	5/30/06
Semi-Annual Groundwater Sampling	78-1	4/19/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/30/06
Semi-Annual Groundwater Sampling	78-6	4/19/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/30/06
Semi-Annual Groundwater Sampling	GMA-DUP-4 (OPCA-MW-1)	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	H78B-15	4/19/06	Groundwater	SGS	PCB (f), VOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/30/06
Semi-Annual Groundwater Sampling	H78B-16	4/17/06	Groundwater	SGS	VOC	5/12/06
Semi-Annual Groundwater Sampling	H78B-17R	4/17/06	Groundwater	SGS	VOC	5/12/06
Semi-Annual Groundwater Sampling	OPCA-MW-1	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	OPCA-MW-2	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	OPCA-MW-3	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	OPCA-MW-4	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	OPCA-MW-5R	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	OPCA-MW-6	4/17/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/12/06
Semi-Annual Groundwater Sampling	OPCA-MW-7	4/18/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/18/06
Semi-Annual Groundwater Sampling	OPCA-MW-8	4/17/06	Groundwater	SGS	PCB (f), VOC, SVOC, Metals (f), PAC CN (f), PCDD/PCDF, Sulfide	5/12/06
Semi-Annual Groundwater Sampling	UB-MW-5	4/18/06	Groundwater	SGS	PCB, PCB (f), SVOC, Sulfide, PCDD/PCDF	5/12/06
Semi-Annual Groundwater Sampling	UB-MW-5	4/17/06	Groundwater	SGS	VOC, Metals, Metals (f), PAC CN, PAC CN (f)	5/12/06

Notes:
1. Field duplicate sample locations are presented in parenthesis.
2. (f) - Indicates filtered analysis requested.

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	16A 4/20/06	78-1 4/19/06	78-6 4/19/06	H78B-15 4/19/06
Volatile Organics				
1,1-Dichloroethene	ND(1.0)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Benzene	14	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	31	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	ND(1.0)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(1.0)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(1.0)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	0.80 J	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	ND(1.0)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(1.0)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Vinyl Chloride	ND(1.0)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	46 J	ND(0.20)	ND(0.20)	ND(0.20)
PCBs-Unfiltered				
Aroclor-1254	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	NA	0.00024	0.00079	0.00033
Total PCBs	NA	0.00024	0.00079	0.00033
Semivolatile Organics				
2-Chlorophenol	0.019	ND(0.010)	ND(0.010)	NA
4-Chlorophenol	0.55	NA	NA	NA
Furans				
2,3,7,8-TCDF	NA	ND(0.0000000047)	ND(0.0000000049)	ND(0.0000000068)
TCDFs (total)	NA	ND(0.000000010)	ND(0.000000010)	ND(0.000000011)
1,2,3,7,8-PeCDF	NA	ND(0.0000000080)	ND(0.0000000063)	ND(0.0000000074)
2,3,4,7,8-PeCDF	NA	ND(0.0000000078)	ND(0.0000000062)	ND(0.0000000072)
PeCDFs (total)	NA	ND(0.0000000079)	ND(0.0000000063)	ND(0.0000000073)
1,2,3,4,7,8-HxCDF	NA	ND(0.000000011)	ND(0.000000013)	ND(0.000000012)
1,2,3,6,7,8-HxCDF	NA	ND(0.0000000099)	ND(0.000000011)	ND(0.000000010)
1,2,3,7,8,9-HxCDF	NA	ND(0.000000013)	ND(0.000000015)	ND(0.000000014)
2,3,4,6,7,8-HxCDF	NA	ND(0.000000011)	ND(0.000000013)	ND(0.000000011)
HxCDFs (total)	NA	ND(0.000000011)	ND(0.000000013)	ND(0.000000012)
1,2,3,4,6,7,8-HpCDF	NA	ND(0.0000000066)	ND(0.0000000061)	ND(0.0000000082)
1,2,3,4,7,8,9-HpCDF	NA	ND(0.0000000085)	ND(0.0000000079)	ND(0.000000011)
HpCDFs (total)	NA	ND(0.000000016)	ND(0.000000015)	ND(0.000000015)
OCDF	NA	ND(0.000000020)	ND(0.000000022)	ND(0.000000024)
Dioxins				
2,3,7,8-TCDD	NA	ND(0.0000000056)	ND(0.0000000059)	ND(0.0000000056)
TCDDs (total)	NA	ND(0.000000012)	ND(0.000000013)	ND(0.000000012)
1,2,3,7,8-PeCDD	NA	ND(0.000000012)	ND(0.000000010)	ND(0.000000012)
PeCDDs (total)	NA	ND(0.000000012)	ND(0.000000010)	ND(0.000000012)
1,2,3,4,7,8-HxCDD	NA	ND(0.0000000079)	ND(0.0000000092)	ND(0.0000000092)
1,2,3,6,7,8-HxCDD	NA	ND(0.0000000073)	ND(0.0000000085)	ND(0.0000000084)
1,2,3,7,8,9-HxCDD	NA	ND(0.0000000080)	ND(0.0000000093)	ND(0.0000000093)
HxCDDs (total)	NA	ND(0.000000025)	ND(0.000000024)	ND(0.000000027)
1,2,3,4,6,7,8-HpCDD	NA	ND(0.0000000096)	ND(0.000000012)	0.000000034 J
HpCDDs (total)	NA	ND(0.000000026)	ND(0.000000026)	0.000000034 J
OCDD	NA	ND(0.000000033)	ND(0.000000030)	ND(0.000000030)
Total TEQs (WHO TEFs)	NA	0.000000015	0.000000014	0.000000015

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	16A 4/20/06	78-1 4/19/06	78-6 4/19/06	H78B-15 4/19/06
Inorganics-Unfiltered				
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide-MADEP (PAC)	NA	NA	NA	NA
Mercury	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Sulfide	NA	5.60 B	8.80	7.20 B
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Arsenic	NA	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	NA	0.0330 B	0.0620 B	0.0690 B
Cadmium	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	NA	0.000710 B	ND(0.0100)	0.000790 B
Cobalt	NA	ND(0.0500)	0.00220 B	ND(0.0500)
Copper	NA	0.00220 B	ND(0.0250)	0.00210 B
Cyanide-MADEP (PAC)	NA	ND(0.0100)	0.00230 B	0.00180 B
Mercury	NA	ND(0.000200)	ND(0.000200)	0.0000200 B
Nickel	NA	ND(0.0400)	ND(0.0400)	ND(0.0400)
Selenium	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)
Vanadium	NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	NA	0.00310 B	ND(0.0200)	ND(0.0200)
Natural Attenuation Parameters				
Alkalinity (Total)	430	NA	NA	NA
Chloride	1400	NA	NA	NA
Dissolved Iron	1.20	NA	NA	NA
Dissolved Organic Carbon	25.0	NA	NA	NA
Ethane	ND(0.20)	NA	NA	NA
Ethene	0.23	NA	NA	NA
Methane	3.10	NA	NA	NA
Nitrate Nitrogen	ND(0.100)	NA	NA	NA
Nitrite Nitrogen	ND(0.500)	NA	NA	NA
Sulfate (turbidimetric)	ND(5.00)	NA	NA	NA

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-16 4/17/06	H78B-17R 4/17/06	OPCA-MW-1 4/18/06
Volatile Organics			
1,1-Dichloroethene	ND(0.0010)	0.00054 J	ND(0.0010) [ND(0.0010)]
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene	0.0022 J	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform	ND(0.0050)	0.070	ND(0.0050) [ND(0.0050)]
Methylene Chloride	0.00082 J	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Tetrachloroethene	ND(0.0020)	0.0018 J	ND(0.0020) [ND(0.0020)]
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
trans-1,2-Dichloroethene	ND(0.0050)	0.0057	ND(0.0050) [ND(0.0050)]
Trichloroethene	0.022	0.16	ND(0.0050) [ND(0.0050)]
Vinyl Chloride	0.00098 J	ND(0.0020)	ND(0.0020) [ND(0.0020)]
Total VOCs	0.026 J	0.24	ND(0.20) [ND(0.20)]
PCBs-Unfiltered			
Aroclor-1254	NA	NA	NA
Total PCBs	NA	NA	NA
PCBs-Filtered			
Aroclor-1254	NA	NA	0.0010 [0.00088]
Total PCBs	NA	NA	0.0010 [0.00088]
Semivolatile Organics			
2-Chlorophenol	NA	NA	ND(0.010) [ND(0.010)]
4-Chlorophenol	NA	NA	NA
Furans			
2,3,7,8-TCDF	NA	NA	ND(0.0000000064) [ND(0.0000000053)]
TCDFs (total)	NA	NA	ND(0.000000016) [ND(0.000000010)]
1,2,3,7,8-PeCDF	NA	NA	ND(0.0000000061) [ND(0.0000000056)]
2,3,4,7,8-PeCDF	NA	NA	ND(0.0000000061) [ND(0.0000000056)]
PeCDFs (total)	NA	NA	ND(0.0000000061) [ND(0.0000000056)]
1,2,3,4,7,8-HxCDF	NA	NA	ND(0.000000011) [ND(0.0000000099)]
1,2,3,6,7,8-HxCDF	NA	NA	ND(0.0000000095) [ND(0.0000000087)]
1,2,3,7,8,9-HxCDF	NA	NA	ND(0.000000013) [ND(0.000000012)]
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.000000011) [ND(0.0000000099)]
HxCDFs (total)	NA	NA	ND(0.000000011) [ND(0.0000000099)]
1,2,3,4,6,7,8-HpCDF	NA	NA	ND(0.0000000061) [ND(0.0000000056)]
1,2,3,4,7,8,9-HpCDF	NA	NA	ND(0.0000000067) [ND(0.0000000064)]
HpCDFs (total)	NA	NA	ND(0.000000014) [ND(0.000000016)]
OCDF	NA	NA	ND(0.000000022) [ND(0.000000020)]
Dioxins			
2,3,7,8-TCDD	NA	NA	ND(0.0000000064) [ND(0.0000000053)]
TCDDs (total)	NA	NA	ND(0.000000018) [ND(0.000000011)]
1,2,3,7,8-PeCDD	NA	NA	ND(0.0000000086) [ND(0.0000000083)]
PeCDDs (total)	NA	NA	ND(0.0000000086) [ND(0.0000000083)]
1,2,3,4,7,8-HxCDD	NA	NA	ND(0.0000000088) [ND(0.0000000069)]
1,2,3,6,7,8-HxCDD	NA	NA	ND(0.0000000081) [ND(0.0000000064)]
1,2,3,7,8,9-HxCDD	NA	NA	ND(0.0000000089) [ND(0.0000000070)]
HxCDDs (total)	NA	NA	ND(0.000000020) [ND(0.000000025)]
1,2,3,4,6,7,8-HpCDD	NA	NA	ND(0.000000013) [ND(0.000000010)]
HpCDDs (total)	NA	NA	ND(0.000000023) [ND(0.000000027)]
OCDD	NA	NA	ND(0.000000032) [ND(0.000000035)]
Total TEQs (WHO TEFs)	NA	NA	0.000000013 [0.000000012]

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	H78B-16 4/17/06	H78B-17R 4/17/06	OPCA-MW-1 4/18/06
Inorganics-Unfiltered			
Arsenic	NA	NA	NA
Barium	NA	NA	NA
Cadmium	NA	NA	NA
Chromium	NA	NA	NA
Cobalt	NA	NA	NA
Copper	NA	NA	NA
Cyanide-MADEP (PAC)	NA	NA	NA
Mercury	NA	NA	NA
Nickel	NA	NA	NA
Selenium	NA	NA	NA
Sulfide	NA	NA	6.40 B [4.80 B]
Vanadium	NA	NA	NA
Zinc	NA	NA	NA
Inorganics-Filtered			
Arsenic	NA	NA	ND(0.0100) [ND(0.0100)]
Barium	NA	NA	0.0210 B [0.0200 B]
Cadmium	NA	NA	ND(0.00500) [ND(0.00500)]
Chromium	NA	NA	ND(0.0100) [ND(0.0100)]
Cobalt	NA	NA	ND(0.0500) [ND(0.0500)]
Copper	NA	NA	ND(0.0250) [ND(0.0250)]
Cyanide-MADEP (PAC)	NA	NA	ND(0.0100) [ND(0.0100)]
Mercury	NA	NA	ND(0.000200) [ND(0.000200)]
Nickel	NA	NA	ND(0.0400) [ND(0.0400)]
Selenium	NA	NA	ND(0.00500) [ND(0.00500)]
Vanadium	NA	NA	ND(0.0500) [ND(0.0500)]
Zinc	NA	NA	ND(0.0200) [ND(0.0200)]
Natural Attenuation Parameters			
Alkalinity (Total)	NA	NA	NA
Chloride	NA	NA	NA
Dissolved Iron	NA	NA	NA
Dissolved Organic Carbon	NA	NA	NA
Ethane	NA	NA	NA
Ethene	NA	NA	NA
Methane	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	NA

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 4/18/06	OPCA-MW-3 4/18/06	OPCA-MW-4 4/18/06	OPCA-MW-5R 4/18/06
Volatile Organics				
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	0.0028 J	ND(0.0050)	ND(0.0050)	0.0021 J
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	0.0016 J	ND(0.0050)
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	0.0071
Total VOCs	0.0028 J	ND(0.20)	0.0016 J	0.0092 J
PCBs-Unfiltered				
Aroclor-1254	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	0.000075	0.00018	0.00031	0.00026
Total PCBs	0.000075	0.00018	0.00031	0.00026
Semivolatile Organics				
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorophenol	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000071)	ND(0.0000000060)	ND(0.0000000053)	ND(0.0000000041)
TCDFs (total)	ND(0.000000014)	ND(0.000000010)	ND(0.000000014)	ND(0.000000012)
1,2,3,7,8-PeCDF	ND(0.0000000089)	ND(0.0000000090)	ND(0.0000000072)	ND(0.0000000059)
2,3,4,7,8-PeCDF	ND(0.0000000087)	ND(0.0000000088)	ND(0.0000000070)	ND(0.0000000057)
PeCDFs (total)	ND(0.0000000088)	ND(0.0000000089)	0.000000033 J	ND(0.0000000058)
1,2,3,4,7,8-HxCDF	ND(0.000000011)	ND(0.000000013)	ND(0.0000000095)	ND(0.000000010)
1,2,3,6,7,8-HxCDF	ND(0.0000000099)	ND(0.000000012)	ND(0.0000000084)	ND(0.0000000092)
1,2,3,7,8,9-HxCDF	ND(0.000000013)	ND(0.000000016)	ND(0.000000011)	ND(0.000000012)
2,3,4,6,7,8-HxCDF	ND(0.000000011)	ND(0.000000013)	ND(0.0000000095)	ND(0.000000010)
HxCDFs (total)	ND(0.000000011)	ND(0.000000013)	ND(0.0000000096)	ND(0.000000010)
1,2,3,4,6,7,8-HpCDF	ND(0.0000000066)	ND(0.0000000073)	ND(0.000000014)	ND(0.000000012)
1,2,3,4,7,8,9-HpCDF	ND(0.0000000085)	ND(0.0000000095)	ND(0.000000018)	ND(0.0000000066)
HpCDFs (total)	ND(0.000000023)	ND(0.000000015)	ND(0.000000012)	ND(0.000000014)
OCDF	ND(0.000000035)	ND(0.000000018)	ND(0.000000020)	ND(0.000000017)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000051)	ND(0.0000000062)	ND(0.0000000047)	ND(0.0000000049)
TCDDs (total)	ND(0.000000016)	ND(0.000000013)	ND(0.000000014)	ND(0.000000013)
1,2,3,7,8-PeCDD	ND(0.0000000072)	ND(0.0000000055)	ND(0.000000010)	ND(0.0000000094)
PeCDDs (total)	ND(0.000000016)	ND(0.000000014)	ND(0.000000010)	ND(0.0000000094)
1,2,3,4,7,8-HxCDD	ND(0.0000000077)	ND(0.0000000082)	ND(0.0000000079)	ND(0.0000000063)
1,2,3,6,7,8-HxCDD	ND(0.0000000071)	ND(0.0000000076)	ND(0.0000000073)	ND(0.0000000058)
1,2,3,7,8,9-HxCDD	ND(0.0000000078)	ND(0.0000000083)	ND(0.0000000080)	ND(0.0000000063)
HxCDDs (total)	ND(0.000000023)	ND(0.000000022)	ND(0.000000021)	ND(0.000000017)
1,2,3,4,6,7,8-HpCDD	ND(0.000000020)	ND(0.000000016)	ND(0.000000012)	ND(0.000000011)
HpCDDs (total)	ND(0.000000043)	ND(0.000000024)	ND(0.000000022)	ND(0.000000022)
OCDD	ND(0.000000046)	ND(0.000000025)	ND(0.000000031)	ND(0.000000029)
Total TEQs (WHO TEFs)	0.000000012	0.000000013	0.000000013	0.000000012

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-2 4/18/06	OPCA-MW-3 4/18/06	OPCA-MW-4 4/18/06	OPCA-MW-5R 4/18/06
Inorganics-Unfiltered				
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA
Copper	NA	NA	NA	NA
Cyanide-MADEP (PAC)	NA	NA	NA	NA
Mercury	NA	NA	NA	NA
Nickel	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Sulfide	4.80 B	ND(5.00)	4.00 B	2.40 B
Vanadium	NA	NA	NA	NA
Zinc	NA	NA	NA	NA
Inorganics-Filtered				
Arsenic	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0180 B	0.0380 B	0.0290 B	0.0990 B
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.000870 B
Chromium	ND(0.0100)	ND(0.0100)	ND(0.0100)	0.000690 B
Cobalt	ND(0.0500)	0.00440 B	ND(0.0500)	0.00140 B
Copper	ND(0.0250)	0.00140 B	ND(0.0250)	0.0190 B
Cyanide-MADEP (PAC)	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	0.00200 B	ND(0.0400)	0.00270 B
Selenium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	ND(0.0200)	0.0260	0.00360 B
Natural Attenuation Parameters				
Alkalinity (Total)	NA	NA	NA	NA
Chloride	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	NA
Dissolved Organic Carbon	NA	NA	NA	NA
Ethane	NA	NA	NA	NA
Ethene	NA	NA	NA	NA
Methane	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	NA	NA

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-6 4/17/06	OPCA-MW-7 4/18/06	OPCA-MW-8 4/17/06	UB-MW-5 4/17-4/18/06
Volatile Organics				
1,1-Dichloroethene	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Benzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chlorobenzene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Chloroform	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Methylene Chloride	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Toluene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
trans-1,2-Dichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Trichloroethene	ND(0.0050)	ND(0.0050)	ND(0.0050)	0.00097 J
Vinyl Chloride	ND(0.0020)	ND(0.0020)	ND(0.0020)	ND(0.0020)
Total VOCs	ND(0.20)	ND(0.20)	ND(0.20)	0.00097 J
PCBs-Unfiltered				
Aroclor-1254	NA	NA	NA	0.00011
Total PCBs	NA	NA	NA	0.00011
PCBs-Filtered				
Aroclor-1254	0.00016	0.00033	0.00020	0.000065
Total PCBs	0.00016	0.00033	0.00020	0.000065
Semivolatile Organics				
2-Chlorophenol	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.010)
4-Chlorophenol	NA	NA	NA	NA
Furans				
2,3,7,8-TCDF	ND(0.0000000055)	ND(0.0000000050)	ND(0.0000000034)	ND(0.0000000064)
TCDFs (total)	ND(0.000000014)	ND(0.000000011)	ND(0.000000011)	ND(0.000000017)
1,2,3,7,8-PeCDF	ND(0.0000000056)	ND(0.0000000052)	ND(0.0000000080)	ND(0.0000000060)
2,3,4,7,8-PeCDF	ND(0.0000000055)	ND(0.0000000052)	ND(0.0000000078)	ND(0.0000000059)
PeCDFs (total)	ND(0.0000000055)	ND(0.0000000052)	ND(0.0000000079)	ND(0.0000000059)
1,2,3,4,7,8-HxCDF	ND(0.000000010)	ND(0.000000010)	ND(0.000000011)	ND(0.0000000056)
1,2,3,6,7,8-HxCDF	ND(0.0000000088)	ND(0.0000000089)	ND(0.0000000096)	ND(0.0000000050)
1,2,3,7,8,9-HxCDF	ND(0.000000012)	ND(0.000000012)	ND(0.000000013)	ND(0.0000000067)
2,3,4,6,7,8-HxCDF	ND(0.000000010)	ND(0.000000010)	ND(0.000000011)	ND(0.0000000056)
HxCDFs (total)	ND(0.000000010)	ND(0.000000010)	ND(0.000000011)	ND(0.000000016)
1,2,3,4,6,7,8-HpCDF	ND(0.000000013)	ND(0.0000000061)	ND(0.0000000075)	ND(0.0000000061)
1,2,3,4,7,8,9-HpCDF	ND(0.000000017)	ND(0.0000000079)	ND(0.0000000097)	ND(0.0000000079)
HpCDFs (total)	ND(0.000000015)	ND(0.000000015)	ND(0.000000024)	ND(0.000000021)
OCDF	ND(0.000000029)	ND(0.000000025)	ND(0.000000024)	ND(0.000000017)
Dioxins				
2,3,7,8-TCDD	ND(0.0000000056)	ND(0.0000000056)	ND(0.0000000062)	ND(0.0000000044)
TCDDs (total)	ND(0.000000016)	ND(0.000000014)	ND(0.000000013)	ND(0.000000019)
1,2,3,7,8-PeCDD	ND(0.0000000092)	ND(0.0000000099)	ND(0.000000013)	ND(0.0000000096)
PeCDDs (total)	ND(0.0000000092)	ND(0.0000000099)	ND(0.000000013)	ND(0.0000000096)
1,2,3,4,7,8-HxCDD	ND(0.000000013)	ND(0.0000000082)	ND(0.0000000090)	ND(0.0000000098)
1,2,3,6,7,8-HxCDD	ND(0.000000012)	ND(0.0000000071)	ND(0.0000000083)	ND(0.0000000091)
1,2,3,7,8,9-HxCDD	ND(0.000000013)	ND(0.0000000078)	ND(0.0000000091)	ND(0.0000000099)
HxCDDs (total)	ND(0.000000022)	ND(0.000000028)	ND(0.000000023)	ND(0.000000033)
1,2,3,4,6,7,8-HpCDD	ND(0.000000012)	ND(0.000000012)	ND(0.000000012)	ND(0.000000014)
HpCDDs (total)	ND(0.000000028)	ND(0.000000027)	ND(0.000000036)	ND(0.000000039)
OCDD	ND(0.000000032)	ND(0.000000031)	ND(0.000000037)	ND(0.000000037)
Total TEQs (WHO TEFs)	0.000000013	0.000000013	0.000000016	0.000000012

TABLE 24-2
DATA RECEIVED DURING MAY 2006

BASELINE SEMI-ANNUAL GROUNDWATER SAMPLING
GROUNDWATER MANAGEMENT AREA 4
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Parameter / Sample ID: / Date Collected:	OPCA-MW-6 4/17/06	OPCA-MW-7 4/18/06	OPCA-MW-8 4/17/06	UB-MW-5 4/17-4/18/06
Inorganics-Unfiltered				
Arsenic	NA	NA	NA	ND(0.0100)
Barium	NA	NA	NA	0.0370 B
Cadmium	NA	NA	NA	ND(0.00500)
Chromium	NA	NA	NA	0.00210 B
Cobalt	NA	NA	NA	0.000870 B
Copper	NA	NA	NA	0.00300 B
Cyanide-MADEP (PAC)	NA	NA	NA	ND(0.0100)
Mercury	NA	NA	NA	ND(0.000200)
Nickel	NA	NA	NA	0.00360 B
Selenium	NA	NA	NA	ND(0.00500)
Sulfide	4.80 B	5.60 B	6.40	2.40 B
Vanadium	NA	NA	NA	0.00230 B
Zinc	NA	NA	NA	0.0860
Inorganics-Filtered				
Arsenic	0.00450 B	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium	0.0140 B	0.0170 B	0.0170 B	0.0330 B
Cadmium	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Chromium	ND(0.0100)	0.000950 B	0.00230 B	0.00130 B
Cobalt	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Copper	ND(0.0250)	ND(0.0250)	ND(0.0250)	ND(0.0250)
Cyanide-MADEP (PAC)	ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100)
Mercury	ND(0.000200)	ND(0.000200)	ND(0.000200)	ND(0.000200)
Nickel	ND(0.0400)	ND(0.0400)	ND(0.0400)	0.00290 B
Selenium	ND(0.00500)	0.00420 B	0.00430 B	ND(0.00500)
Vanadium	ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	ND(0.0200)	ND(0.0200)	0.0100 B	0.0380
Natural Attenuation Parameters				
Alkalinity (Total)	NA	NA	NA	NA
Chloride	NA	NA	NA	NA
Dissolved Iron	NA	NA	NA	NA
Dissolved Organic Carbon	NA	NA	NA	NA
Ethane	NA	NA	NA	NA
Ethene	NA	NA	NA	NA
Methane	NA	NA	NA	NA
Nitrate Nitrogen	NA	NA	NA	NA
Nitrite Nitrogen	NA	NA	NA	NA
Sulfate (turbidimetric)	NA	NA	NA	NA

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs, Appendix IX+3 constituents, and Natural Attenuation Parameters.
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis 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 and Natural Attenuation Parameters, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

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

Inorganics and Natural Attenuation Parameters

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

TABLE 24-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
May 2006

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)
GMA4-3	1,003.95	5/23/06	17.21	---	0.00	---	26.25	0.00	986.74
H78B-16	999.33	4/17/06	12.38	---	0.00	---	16.89	0.00	986.95
H78B-17R	1,000.31	4/17/06	13.56	---	0.00	---	24.80	0.00	986.75
OPCA-MW-1	1,019.60	5/4/06	8.94	---	0.00	---	32.70	0.00	1,010.66
OPCA-MW-1R	NA	5/10/06	6.10	---	0.00	---	24.48	0.00	NA
OPCA-MW-6	1,022.31	4/17/06	17.87	---	0.00	---	23.71	0.00	1,004.44
OPCA-MW-8	1,027.40	4/17/06	9.68	---	0.00	---	21.86	0.00	1,017.72
UB-MW-5	1,006.06	4/17/06	12.96	---	0.00	---	15.43	0.00	993.10
UB-MW-5	1,006.06	4/18/06	13.36	---	0.00	---	15.43	0.00	992.70

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. This table also includes groundwater data collected from certain wells during sampling activities conducted in April 2006 that was not compiled in time to include in the previous monthly report.

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
MAY 2006

*** 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)

Prepare Groundwater Quality Monitoring Interim Report for Spring 2006 (due to EPA by July 31, 2006).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

Attachment A

NPDES Sampling Records and Results
May 2006

BBL®
an ARCADIS company

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	001-A7282	5/1/06	Water	Columbia	Oil & Grease	5/10/06
NPDES Sampling	001-A7284	5/1/06	Water	SGS	PCB	5/15/06
NPDES Sampling	001-A7291	5/2/06	Water	Columbia	TSS	5/10/06
NPDES Sampling	005-A7279/A7280	4/25/06	Water	SGS	PCB	5/12/06
NPDES Sampling	005-A7292/A7293	5/2/06	Water	Columbia	TSS, BOD	5/10/06
NPDES Sampling	005-A7292/A7293	5/2/06	Water	SGS	PCB	5/10/06
NPDES Sampling	005-A7304/A7305	5/9/06	Water	SGS	PCB	5/18/06
NPDES Sampling	005-A7315/A7316	5/16/06	Water	SGS	PCB	
NPDES Sampling	005-A7325/A7326	5/23/06	Water	SGS	PCB	
NPDES Sampling	005-A7339/A7340	5/30/06	Water	SGS	PCB	
NPDES Sampling	05B-A7307	5/12/06	Water	Columbia	Oil & Grease	5/25/06
NPDES Sampling	05B-A7309	5/12/06	Water	SGS	PCB	
NPDES Sampling	09B-A7281	4/25/06	Water	Columbia	TSS, BOD	5/3/06
NPDES Sampling	09B-A7294	5/2/06	Water	Columbia	TSS, BOD	5/10/06
NPDES Sampling	09B-A7306	5/9/06	Water	Columbia	TSS, BOD	5/18/06
NPDES Sampling	09B-A7317	5/16/06	Water	Columbia	TSS, BOD	5/25/06
NPDES Sampling	09B-A7326	5/23/06	Water	Columbia	TSS, BOD	
NPDES Sampling	09B-A7341	5/30/06	Water	Columbia	TSS, BOD	
NPDES Sampling	09C-A7272	4/23/06	Water	Columbia	Oil & Grease	5/3/06
NPDES Sampling	09C-A7290	5/1/06	Water	Columbia	Oil & Grease	5/10/06
NPDES Sampling	09C-A7299	5/8/06	Water	Columbia	Oil & Grease	5/18/06
NPDES Sampling	09C-A7312	5/14/06	Water	Columbia	Oil & Grease	5/25/06
NPDES Sampling	09C-A7322	5/22/06	Water	Columbia	Oil & Grease	
NPDES Sampling	09C-A7332	5/29/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A7277	4/24/06	Water	Columbia	Oil & Grease	5/3/06
NPDES Sampling	64G-A7288	5/1/06	Water	Columbia	Oil & Grease	5/10/06
NPDES Sampling	64G-A7297	5/8/06	Water	Columbia	Oil & Grease	5/18/06
NPDES Sampling	64G-A7320	5/22/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A7330	5/29/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A7337	5/15/06	Water	Columbia	Oil & Grease	5/25/06
NPDES Sampling	64T-A7274	4/24/06	Water	Columbia	Oil & Grease	5/3/06
NPDES Sampling	64T-A7286	5/1/06	Water	Columbia	Oil & Grease	5/10/06

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MAY 2006

NPDES PERMIT MONITORING
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
NPDES Sampling	64T-A7295	5/8/06	Water	Columbia	Oil & Grease	5/18/06
NPDES Sampling	64T-A7318	5/22/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7328	5/29/06	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A7335	5/15/06	Water	Columbia	Oil & Grease	5/25/06
NPDES Sampling	A7301R	5/9/06	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A7301RCN	5/9/06	Water	Columbia	CN	5/18/06
NPDES Sampling	A7301RTM	5/9/06	Water	Columbia	Metals (10)	5/18/06
NPDES Sampling	A7302C	5/9/06	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A7302CCN	5/9/06	Water	Columbia	CN	5/18/06
NPDES Sampling	A7302CDM	5/9/06	Water	Columbia	Filtered Metals (8)	5/18/06
NPDES Sampling	A7302CTM	5/9/06	Water	Columbia	Metals (10)	5/18/06
NPDES Sampling	APR06WK5	4/25/06	Water	Columbia	Cu, Pb, Zn	5/3/06
NPDES Sampling	JUN06WK1	5/30/06	Water	Columbia	Cu, Pb, Zn	
NPDES Sampling	MAY06WK1	5/2/06	Water	Columbia	Cu, Pb, Zn	5/10/06
NPDES Sampling	MAY06WK3	5/16/06	Water	Columbia	Cu, Pb, Zn	5/25/06
NPDES Sampling	MAY06WK4	5/23/06	Water	Columbia	Cu, Pb, Zn	

TABLE A-2
DATA RECEIVED DURING MAY 2006

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

Parameter / Sample ID: / Date Collected:	001-A7282 5/1/06	001-A7284 5/1/06	001-A7291 5/2/06	005-A7279/A7280 4/25/06	005-A7292/A7293 5/2/06	005-A7304/A7305 5/9/06	05B-A7307 5/12/06
PCBs-Unfiltered							
Aroclor-1254	NA	0.000070	NA	0.000047 J	0.000018 J	0.000032 J	NA
Total PCBs	NA	0.000070	NA	0.000047 J	0.000018 J	0.000032 J	NA
Inorganics-Unfiltered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered							
Aluminum	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA
Conventionals							
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	ND(2.0)	NA	NA
Total Suspended Solids	NA	NA	ND(1.00)	NA	ND(1.00)	NA	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	ND(5.0)

TABLE A-2
DATA RECEIVED DURING MAY 2006

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

Parameter / Sample ID: / Date Collected:	09B-A7281 4/25/06	09B-A7294 5/2/06	09B-A7306 5/9/06	09B-A7317 5/16/06	09C-A7272 4/23/06	09C-A7290 5/1/06	09C-A7299 5/8/06	09C-A7312 5/14/06	64G-A7277 4/24/06
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	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)	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	NA	NA	NA	NA	NA
Total Suspended Solids	18.2	5.00	1.90	4.00	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)

TABLE A-2
DATA RECEIVED DURING MAY 2006

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

Parameter / Sample ID: / Date Collected:	64G-A7288 5/1/06	64G-A7297 5/8/06	64G-A7337 5/15/06	64T-A7274 4/24/06	64T-A7286 5/1/06	64T-A7295 5/8/06	64T-A7335 5/15/06	A7301RCN 5/9/06	A7301RTM 5/9/06
PCBs-Unfiltered									
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.100)
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Calcium	NA	NA	NA	NA	NA	NA	NA	NA	16.6
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0100)
Copper	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0200)
Cyanide	NA	NA	NA	NA	NA	NA	NA	ND(0.0100)	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.00500)
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA	5.72
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0400)
Silver	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0100)
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	ND(0.0200)
Inorganics-Filtered									
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals									
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	NA

TABLE A-2
DATA RECEIVED DURING MAY 2006

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

Parameter / Sample ID: / Date Collected:	A7302CCN 5/9/06	A7302CDM 5/9/06	A7302CTM 5/9/06	APR06WK5 4/25/06	MAY06WK1 5/2/06	MAY06WK3 5/16/06
PCBs-Unfiltered						
Aroclor-1254	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered						
Aluminum	NA	NA	ND(0.100)	NA	NA	NA
Cadmium	NA	NA	ND(0.00500)	NA	NA	NA
Calcium	NA	NA	78.4	NA	NA	NA
Chromium	NA	NA	ND(0.0100)	NA	NA	NA
Copper	NA	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	0.0415	NA	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	0.00871
Magnesium	NA	NA	31.8	NA	NA	NA
Nickel	NA	NA	ND(0.0400)	NA	NA	NA
Silver	NA	NA	ND(0.0100)	NA	NA	NA
Zinc	NA	NA	ND(0.0200)	0.0521	ND(0.0200)	0.0461
Inorganics-Filtered						
Aluminum	NA	ND(0.100)	NA	NA	NA	NA
Cadmium	NA	ND(0.00500)	NA	NA	NA	NA
Chromium	NA	ND(0.0100)	NA	NA	NA	NA
Copper	NA	ND(0.0200)	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	NA	NA	NA
Silver	NA	ND(0.0100)	NA	NA	NA	NA
Zinc	NA	0.0213	NA	NA	NA	NA
Conventionals						
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA

Notes:
1. Samples were collected by General Electric Company, and submitted to Columbia Analytical Services, Inc. and SGS Environmental Services, Inc. for analysis PCBs, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in parenthesis 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
J - Indicates an estimated value less than the practical quantitation limit (PQL).

Attachment B

NPDES Discharge Monitoring Reports
April 2006

BBL®
an ARCADIS company

Form Approved.
OMB No. 2040-0004

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

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

MA0003891	005 1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

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

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C) 00310 T 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	90 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	******	21.3	(26) LBS/DY	******	******	5.2	(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	0.00008	0.0003	(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	0.196	0.389	(03) MGD	******	******	******		- 0	99/99	RC
	PERMIT REQUIREMENT	2.09 MO AVG	2.09 DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	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.	413 448-5902	2006	5	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 PAGE 8 + 9 OF PERMIT FOR SAMPLING REQUIREMENTS. SEE DMR(S) 064G + 064T FOR FURTHER PARAMETERS.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	064 G
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

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

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		6.9	******	7.5	(12 SU	0	99/99	RCDR
00400 1 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19			
76030 1 0 0 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			
76732 1 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT								-		
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

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

TELEPHONE

AREA CODE 413 NUMBER 448-5902

DATE

YEAR	MO	DAY
2006	5	23

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

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

PAGE OF

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	064 T
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

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

*** NO DISCHARGE [ ] ***
NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		6.9	******	7.9	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
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

AREA CODE 413 NUMBER 448-5902

DATE

YEAR	MO	DAY
2006	5	23

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

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

Form Approved.
OMB No. 2040-0004

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	007 1
PERMIT NUMBER	DISCHARGE NUMBER

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

*** NO DISCHARGE [X] ***
NOTE: Read Instructions before completing this form.

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

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

TELEPHONE

AREA CODE	NUMBER
413	448-5902

DATE

YEAR	MO	DAY
2006	5	23

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

SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	009 A	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W)
		F - FINAL
		09A SAMPLE POINT BEFORE 009

MONITORING PERIOD: FROM YEAR 06 MO 04 DAY 01 TO YEAR 06 MO 04 DAY 30

*** NO DISCHARGE [X] ***

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 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(26)	******	******	******				
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT			(26)	******	******	******				
	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			(03)	******	******	******				
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE	DATE
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006 5 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 PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

Form Approved.
OMB No. 2040-0004

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 B
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

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

*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.03	0.1	(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	1.2	1.6	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.013	0.049	(03) MGD	******	******	******		0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RECORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE			DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413	448-5902	2006	5	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 PAGE 11 OF PERMIT. SEE DMR 0091; SAMPLE AT 09B.

Form Approved.
OMB No. 2040-0004

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	06	04	01	TO	06	04	30

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

*** NO DISCHARGE ( ) ***
NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	0.03	0.1	(26) LBS/DY	*******	*******	*******		0	01/DW	CP
00310 V 0 C SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
PH	SAMPLE MEASUREMENT	******	******		7.4	******	7.6	(12) SU	0	01/07	GR
00400 V 0 C SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	1.2	1.6	(26) LBS/DY	*******	*******	*******		0	01/07	CP
00530 V 0 C SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	*******	*******	*******	**** ****		WEEKLY	COMPOS
OIL & GREASE	SAMPLE MEASUREMENT	******	2.4	(26) LBS/DY	*******	*******	5.3	(19) MG/L	0	01/07	GR
00556 V 0 C 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 C SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	*******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMPLE MEASUREMENT	0.013	0.049	(03) MGD	*******	*******	*******		0	99/99	RC
50050 V 0 C SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	*******	*******	*******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	5	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 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.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

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

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

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	1.4	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
NICKEL TOTAL RECOVERABLE 01074 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
SILVER TOTAL RECOVERABLE 01079 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
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.9	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
ALUMINUM, TOTAL (AS AL) 01105 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	14.0	(26) LBS/DY	******	******	******		- 0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 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
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0.15	(26) LBS/DY	******	******	******		0	01/07	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	5	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)***

COMPOSITE PROPORTIONATE TO FLOW.

Form Approved.
OMB No. 2040-0004

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

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

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

MA0003891	SUM A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	04	30

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

*** NO DISCHARGE [ ] ***
NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
CHROMIUM TOTAL RECOVERABLE 01119 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	*******	0.25	(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	*******	0.20	(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			TELEPHONE	DATE		
Michael T. Carroll Mgr. Pittsfield Remediation Prog.	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Michael T. Carroll	413 448-5902	2006	5	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)***

COMPOSITE PROPORTIONATE TO FLOW.

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

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

Form Approved.
OMB No. 2040-0004

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

MA0003891	SUM B
PERMIT NUMBER	**DISCHARGE NUMBER**

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	**TO**	06	04	30

*** 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
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		NODI [9]	******	******	(23)			
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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

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

TELEPHONE		DATE		
413	448-5902	2006	5	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

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

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

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

MA0003891	SUM C
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	06	04	01	TO	06	06	30

Form Approved.
OMB No. 2040-0004

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

*** NO DISCHARGE |__| ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING 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
NOAEL STATRE 48HR AC U D. PULEX	SAMPLE MEASUREMENT	******	******		100	******	******	(23) %	0	01/30	CP
TDM3D 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	REPORT DAILY MN	******	******	PER-CENT		QTRLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2006	5	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

Attachment C

NPDES Biomonitoring Report
May 2006

BBL®
an ARCADIS company

1 Mustard Street, Suite 250 Rochester, NY 14609-6925 (585) 288-5380 ph (585) 288-8475 fax

Columbia Analytical Services INC.
An Employee - Owned Company

June 6, 2006

Mr. Jeffrey Nicholson
GE Corporate Environmental Programs
159 Plastics Avenue
Pittsfield, MA 01201

Re: NPDES Biomonitoring Report for May 2006
Submission #: R2631364

Dear Mr. Nicholson:

Enclosed is our report on the Whole Effluent Toxicity testing conducted in May 2006. The Outfall Composite samples were collected on 5/9/06 at 11:00 am. The Housatonic River samples were collected on 5/9/06 at 8:15 am. The Outfall Composite and Housatonic River samples were analyzed at Columbia Analytical Services for total cyanide, ammonia, total organic carbon, total phosphorus, chloride, total solids, total suspended solids, total residual chlorine, and total metals. Dissolved metals were analyzed for only on the Outfall Composite samples. Results are presented in Appendix 2. The Outfall Composite and Housatonic River samples were sent directly by General Electric to Aquatec Biological Services for the acute aquatic toxicity testing including the analysis of alkalinity, hardness, specific conductance, and pH. Results are presented in Appendix 1.

Should you have any questions please contact me at (585)288-5380 x130.

Thank you for allowing us to provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Carlton Beechler
Project Manager

enc.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY
Pittsfield, MA
NPDES PERMIT MA 0003891

Monthly Acute Toxicity Monitoring
Dry Weather Conditions
May 2006

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 _____ _____

(Date) (Authorized Signature)

Michael T. Carroll

General Electric Co. – Pittsfield, MA
Permit MA0003891

Prepared by: Carlton R. Beechler
June 7, 2006

TABLE OF CONTENTS

I. Summary

On May 8-9, 2006 sampling of wastewater discharges from the General Electric Company facility in Pittsfield MA was conducted in accordance with the dry weather toxicity testing requirement of the GE NPDES Permit MA0003891. Composite samples were collected from GE outfalls 001, 005-64T, 005-64G and 09B over a 24-hour period. These composite samples were combined in a flow-proportioned manner to generate a single wastewater sample that was shipped to Aquatec Biological Sciences in Williston, Vermont. A grab sample of Housatonic River water, to be used as dilution water in the toxicity test, was collected upstream of the GE discharges on May 9, 2006 and shipped to AquaTec along with the wastewater composite. AquaTec dechlorinated the composite sample prior to the acute toxicity test following the toxicity reduction procedures summarized in a letter dated November 11, 1993 to EPA Region I from JG Ruebesam of General Electric Company. The composite wastewater sample and the dilution water sample were tested for chemical constituents by Aquatec Biological Sciences and Columbia Analytical Services. The analytical results are summarized in Table I and the detailed laboratory test data are include as Appendices to this report. As a result of land transfer documents executed on April 27, 2005 and recorded in the Berkshire County Registry of Deeds on May 2, 2005, Outfalls 001 and 004 were transferred to the Pittsfield Economic Development Authority (PEDA). Outfalls 001 and 004 DMRs will no longer be submitted under the GE NPDES Permit No. MA0003891. However, GE's NPDES Permit requires that the metal and toxicity composites to be made by compositing samples from the following outfalls: 001, 004, 005, 007, and 009. These two composites will continue to include an aliquot of water from outfall 001 and outfall 004, and will be reported on GE's DMR until further actions by the Agencies.

The results from Aquatec Biological Sciences for the acute toxicity test on the wastewater discharge sample indicated a No Observed Acute Effect Level (NOAEL) of 100%.

II. Review of Toxicity Test Results

The wastewater discharge sample collected on May 8-9, 2006 was tested for 48-hour acute toxicity using Daphnia pulex organisms. The sample did not require dechlorination with sodium thiosulfate ($Na_2S_2O_3$) prior to toxicity testing. Aquatec Biological Sciences reported the results of this toxicity testing as follows:

Effluent toxicity as NOAEL =	100%
Effluent toxicity as LC_{50} =	>100%

No limit is established for wet weather NOAEL in the GE NPDES permit.

The following table summarizes the results of the control sample analyses performed by AquaTec during the acute toxicity bioassay:

Control Analysis	Result
Survival in 100% dilution water	100%
Survival in laboratory water	100%
Survival in laboratory water with 100 mg/L sodium thiosulfate	100%
LC_{50} for Daphnia pulex in sodium chloride reference toxicant solution	3.992g NaCl/L May,10 2006

The Daphnia survival rates in control solutions of upstream dilution water, laboratory water and reference toxicant solution were within acceptable limits, indicating that the results of the toxicity test are valid.

III. Review of Wastewater Sampling Procedures

Composite samples of the individual NPDES wastewater discharges were collected over a 24-hour period. These samples were composited in a flow-weighted manner to generate a single combined discharge sample for toxicity testing and chemical analysis.

The 24-hour composite samples from the individual discharges were collected as follows:

> Each automatic sampler (at outfall 001, 64T, 64G, and 09B) was programmed to collect approximately 7 liters of wastewater into a 10-liter glass container in a time-proportioned manner over a 24-hour period. Outfalls 004, 007, and 09A have been plugged and no longer flow.
>
> All sample containers were packed in ice or refrigerated to keep the wastewater samples cold during the 24-hour collection period.
>
> Flow meter readings were taken at the beginning and end of the 24-hour collection period to determine the total 24-hour flow for each wastewater discharge.

At the end of the 24-hour collection period, the discharge samples were taken to Building 64G where OB&G personnel composited these samples, in a flow weighted manner, to generate a single combined sample for the acute toxicity test and the chemical analyses, as follows:

The proportions of each individual discharge sample needed to produce a single combined sample were calculated from the flow measurements. The calculated sample volumes were then transferred from their original collection containers to a 2.5 or 5 gallon mixing container. The combined discharge sample was then split into various containers for toxicity testing and chemical analyses. These containers were shipped by vendor courier to AquaTec for toxicity testing and by FedEx (overnight) to Columbia Analytical Services for chemical analyses. All samples were chilled with ice packs during shipment.

A grab sample of Housatonic River water was collected on the second day of sampling at the Lyman Road Bridge in Hinsdale, MA, upstream of the GE site. This sample was split for chemical analysis and toxicity testing in a similar manner as the combined effluent sample (see above).

Details of the times and dates of sample collection as well as the names of the individuals collecting and transporting the samples are provided on the chain of custody forms in Appendix 3 of this report.

IV. Review of Individual NPDES Discharges

The following is a brief description of each of the seven outfalls that are monitored for acute and chronic toxicity in accordance with NPDES Permit MA0003891 issued to the General Electric Company, Pittsfield, MA.

1. Outfall 001 is permitted to discharge storm water runoff from the oil/water separator in Building 31W to Silver Lake.

2. Outfall 004 is permitted to discharge storm water runoff to Silver Lake. (**Outfall plugged**)

3. Outfall 005 is permitted to discharge contact cooling water, non-contact cooling water, treated process water and storm water runoff from the Wastewater Treatment Plant in Building 64T, and treated groundwater from the Groundwater Treatment Plant in Building 64G to the Housatonic River. Monitoring samples are collected separately from the effluents of 64G and 64T. Both samples are included in the flow composite sample used for toxicity testing.

4. Outfall 007 is permitted to discharge stormwater runoff to the Housatonic River. (**Outfall plugged**)

5. Outfall 09A is permitted to discharge non-contact cooling water and stormwater runoff to Unkamet Brook. (**Outfall plugged**)

6. Outfall 09B is permitted to discharge non-contact cooling water, treated process water and stormwater runoff from the oil/water separator in Building 119W to Unkamet Brook.

Table I – Summary of Analytical results for

NPDES Outfall Composite Sample and Housatonic River Dilution Water
May 8-9, 2006

Aquatic Toxicity Results: No Observed Effect Level (NOAEL) = 100%
LC50 = >100%

Chemical Analyses: (all results are mg/L unless otherwise indicated)

Parameter Tested	Laboratory	Effluent Composite	Housatonic River
Ammonia	CAS	0.219	ND (0.100)
Chloride	CAS	198	13.8
Total Alkalinity	CAS	329	59.0
Total Organic Carbon	CAS	3.81	4.71
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)
Total Solids	CAS	650	109
Total Suspended Solids	CAS	ND (1.00)	ND (1.00)
Hardness	Aquatec	336	64
Spec. Conductance (umhos)	Aquatec	1247	235
pH (SU)	Aquatec	7.8	7.4
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	0.0415	ND (0.0100)
Aluminum, total	CAS	ND (0.100)	ND (0.100)
Aluminum, dissolved	CAS	ND (0.100)	NA
Cadmium, total	CAS	ND (0.00500)	ND (0.00500)
Cadmium, dissolved	CAS	ND (0.00500)	NA
Chromium, total	CAS	ND (0.0100)	ND (0.0100)
Chromium, dissolved	CAS	ND (0.0100)	NA
Copper, total	CAS	ND (0.0200)	ND (0.0200)
Copper, dissolved	CAS	ND (0.0200)	NA
Lead, total	CAS	ND (0.00500)	ND (0.00500)
Lead, dissolved	CAS	ND (0.00500)	NA
Nickel, total	CAS	ND (0.0400)	ND (0.0400)
Nickel, dissolved	CAS	ND (0.0400)	NA
Silver, total	CAS	ND (0.0100)	ND (0.0100)
Silver, dissolved	CAS	ND (0.0100)	NA
Zinc, total	CAS	ND (0.0200)	ND (0.0200)
Zinc, dissolved	CAS	0.0213	NA
pH (SU)	OB&G	7.92	7.58
Hardness	Aquatec	336	64

All results are mg/L unless otherwise indicated.

ND – Not detected (Number in parentheses is detection limit.)

NA – Not analyzed

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

June 6, 2006

Mr. Carl Beechler
Columbia Analytical Services,
1 Mustard Street – Suite 250
Rochester, NY 14609

Dear Mr. Beechler:

Enclosed please find one bound and one unbound copies of our report of the results for whole effluent toxicity testing of samples received from GE Pittsfield, Massachusetts on May 9, 2006.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on May 9, 2006. The samples were transported to Aquatec Biological Sciences, Inc. by courier service and delivered on the same day. The effluent sample (Sample 31855) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 31856) was logged in for dilution water. A subsample of each sample was checked for residual chlorine (not detected) and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on May 10, 2006, within the specified holding time.

At the conclusion of the toxicity test on May 12, 2006, a final count of surviving organisms was completed. The average survival was 100 percent in all test concentrations. Acute toxicity to *Daphnia pulex* was not detected, and the 48-hour LC50 reported as >100% effluent (Section 4.1 of the report).

If you have any questions regarding the report, please call Dr. Philip C. Downey or me.

Sincerely,

John Williams
Manager, Environmental Toxicology

273 Commerce Street, Williston, VT 05495 Tel: 802.860.1638 Fax: 802.658.3189

Whole Effluent Toxicity Testing
Of Wastewaters Discharged from
The General Electric Plant
Pittsfield, Massachusetts

Samples Collected in May 2006

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

SDG number: 9513
Effluent sample ID: Outfall Composite Aquatec sample number: 31855
Receiving water sample ID: Housatonic River Aquatec sample number: 31856

Study Director: John Williams

June 2, 2006

Submitted by:
Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638 Fax: (802) 860-1638

Accreditation: NH Environmental Laboratory Accreditation Program
NELAP / NELAC accredited for the requested analysis.

Signatures and Approval

Submitted by:

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, Vermont 05454
Phone: (802) 860-1638
Fax: (802) 860-1638

Study Director
John Williams

6/2/06
Date

Quality Assurance Officer
Philip C. Downey, Ph. D.

6/4/06
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: Date: 6/2/06

Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory

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List of Tables

Summary
of
Static Acute Toxicity Test with *Daphnia pulex*

Sponsor:	General Electric
Protocol title:	US EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, 5th Ed., October 2002. Method 2021.0
Aquatec SDG:	9513
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	OUTFALL COMPOSITE A7302C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	HOUSATONIC RIVER A7301R
Dates collected:	May 9, 2006
Date received:	May 9, 2006
Test dates:	May 10-May 12, 2006
Test concentrations:	100%, 75%, 50%, 35%, 15%, 5% effluent. Dilution water control (Housatonic River) Laboratory control 1 (culture water) Laboratory control 2 (culture water with sodium thiosulfate)
Results:	The 48-hour LC50 value was determined to be >100% effluent. The Acute No-Observed-Effect-Concentration (A-NOEC) was 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 wastewater and municipal sewage point source discharges. EPA defines point sources as discrete discharges via pipes or man-made ditches.

In 1984, the U.S. Environmental Protection Agency (EPA) released a national policy statement and a supporting document that recommended, where appropriate, effluent permit limits should be based on effluent toxicity as measured in aquatic toxicity tests. Generally, permits require that no toxic discharge occur in toxic amounts. The routine use of dilution-series toxicity tests and/or biologically-based criteria (i.e., invertebrate and vertebrate community studies) have become increasingly utilized to calculate or estimate the potential toxicity of a discharge.

EPA has the authority to delegate primary responsibility for the implementation, permitting, and enforcement of NPDES regulations to appropriate State regulatory agencies. Even when EPA delegates this authority to the states, EPA still maintains oversight responsibility.

1.2 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 to the Housatonic River. The water flea, *Daphnia pulex* , is exposed to effluent and dilutions of effluent under static conditions. *Daphnia pulex* is routinely used by regulatory agencies and by contract laboratories for toxicity testing and EPA has published guidance documents for the performance of this test (U.S. EPA, 2002).

A toxicity test was conducted from May 10 to May 12, 2006 at Aquatec Biological Sciences, Inc. (Aquatec) located in Williston Vermont. Aquatec Biological Sciences, Inc. holds NELAC accreditation for the requested whole effluent toxicity test. All original raw data and the final report produced for this study are stored in Aquatec's archives in Williston, Vermont.

2.0 Materials and Methods

2.1 Protocol

Procedures used in this acute toxicity test followed those described in the Aquatec Standard Operating Procedure (SOP) TOX2-001, Daphnid Acute R5, May 4, 2006. This SOP generally follows the standard methodology presented in U.S. EPA. 2002 (EPA-821-R-02-012. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, 5th Ed.,

October 2002, Method 2021.0 (as summarized in Appendix 2 of this report). A copy of the SOP is located in Appendix 6 (Controlled document, please do not copy or distribute.)

Additional SOPs used in this study are outlined below:

Title	SOP Number	Revision Date
Sample Acceptance	TOX1-017	Rev. 4, February, 2004
Hardness – total titrimetric method	TOX1-011	Rev. 3, May 2003
Alkalinity – total titrimetric method	TOX1-010	Rev. 6, April 2004
Thermo-Orion 145 A+ Conductivity Meter	TOX1-016	Rev. 1, April 2004
Dissolved oxygen	TOX1-006	Rev. 7, April 2004
pH measurement	TOX1-007	Rev. 2, April 2004
Salinity: refraction method	TOX1-008	Rev. 3, January, 2003

2.2 Effluent and Receiving Water Samples

The effluent sample (Outfall Composite 7302C) was collected by GE personnel from May 8 – May 9, 2006. The receiving water sample (Housatonic River 7301R) was a grab collected from the Housatonic River on May 9, 2006. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on May 9, 2006, the temperature of the temperature blank contained within the cooler was 3.3°C. The effluent and receiving water were prepared for testing and characterized (Table 1). The receiving water was the dilution water for preparing effluent concentrations and was also the reference control for statistical comparisons.

2.3 Control water

Laboratory control water for the toxicity test was a 1:1 mixture of laboratory reconstituted moderately hard water and 60-micron filtered river water collected from the Lamoille River, Vermont. This water was characterized for the following parameters: pH (7.3); dissolved oxygen (8.2 mg/L); conductivity (270 uS/cm). An additional dechlorination control (laboratory water with 0.2 N sodium thiosulfate added) was included in the test array, even though chlorine was not detected in the effluent sample.

2.4 Test Organism

Daphnids (*Daphnia pulex*), less than 24-hours old were obtained from Aquatec laboratory cultures. The culture system consisted of several 1-liter glass beakers containing approximately 1-liter of culture medium and up to 100 daphnids. The culture water was laboratory reconstituted moderately hard water. Prior to use, the culture water was characterized:

Parameter	Result
Total hardness (mg/L)	Within range of 80-110 mg/L
Alkalinity (mg/L as $CaCO_3$)	Within range of 60-70 mg/L
pH	Nominal 7.7 – 8.0

The culture area was maintained at a nominal temperature of 20°C (range 19 – 21 °C) with a regulated photoperiod of 16 hours light and 8 hours of darkness.

Daphnid cultures were fed a combination of green algae (*Selenastrum capricornutum*) and YCT obtained from Aquatic BioSystems of Fort Collins, Colorado. The cultures were fed a ration of *Selenastrum* and YCT daily Monday through Friday. Daphnids were transferred to new culture medium weekly.

Approximately 24 hours before toxicity test initiation, all daphnid neonates were removed from the culture beakers. Offspring produced within 24 hours were used for toxicity testing.

2.5 Test Procedures

Prior to initiating the toxicity test, a sub-sample of effluent and receiving water was decanted for subsequent alkalinity and hardness determination. A sub-sample was also check for presence of chlorine to determine whether dechlorination of effluent is required. Chlorine was not detected, therefore dechlorination of the effluent was not required. The sample was then aerated and warmed to test temperature.

The toxicity test was conducted at effluent 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 400 mL. Test solutions were then decanted to five replicate 30-mL cups per concentration, each containing approximately 20 mL of test solution. Three sets of control replicates were also included in the test array, set up as the effluent replicates. The controls included: Housatonic River water (dilution control), a laboratory control (a mix of moderately hard water and Lamoille River, VT water), and a laboratory control with sodium thiosulfate added (dechlorination control). The dechlorination control was included in the test array even though residual chlorine was not detected in the effluent.

Prior to testing, daphnids less than 24-hours old were collected from the cultures, pooled in Carolina bowl, and fed. The test was initiated when the daphnid neonates were transferred to the replicate test cups, five daphnids per cup. The toxicity test cups were incubated to maintain temperature in the range of 19°C to 21 °C. The lighting cycle was 16 hours light and eight hours dark and a luminance of approximately 80 ft-c.

2.6 Test Monitoring

The number of surviving daphnids was observed at approximately 24-hour intervals during the test, with the final count of surviving daphnids at approximately 48 hours. Temperature was measured daily in one replicate of each test treatment. The parameters of pH, dissolved oxygen, and conductivity were measured at the beginning and the end of the test.

Total hardness was measured by the EDTA titrimetric method and total alkalinity was measured by potentiometric titration to an endpoint of 4.5. The check for residual chlorine was performed with an acidified sample to which potassium iodide and starch indicator added. If chlorine was detected, the color was titrated away with 0.02 N sodium thiosulfate to determine the equivalent volume of 0.2 N sodium thiosulfate to add to effluent (if needed).

Dissolved oxygen was measured with a YSI Model 58 dissolved oxygen meter. A Beckman Phi 40 was used to measure pH. A Thermo-Orion Model 145 conductivity meter was used to measure conductivity. Salinity was measured with an Atago salinity refractometer.

2.7 Reference Toxicant Test

A 48-hour standard reference toxicant (SRT) test was conducted concurrently with the effluent toxicity test. The SRT test was conducted as a quality control procedure to establish the health and sensitivity of the test organisms. The SRT included four concentrations of reagent grade sodium chloride (NaCl) with nominal concentrations of 0.75, 1.5, 3.0, 6.0, and 12 g NaCl/L. Four test replicates, each containing five daphnid neonates were test at each concentration and the laboratory control.

3.0 Statistics

3.1 Statistical protocol

The concentration-response relationships observed were characterized by the median lethal concentration (LC50), which was the calculated concentration lethal to 50 percent of the test organisms. If no concentrations resulted in 50% mortality, the LC50 was reported as greater than the highest concentration effluent (in this case >100% effluent), by direct observation. If greater than 50 percent mortality was observed in any effluent treatment, then a computer program (TOXIS2) was used to calculate the LC50 value, following the U.S. EPA statistical flowchart (Appendix 3).

The Acute-No-Observable-Effect Concentration (A-NOEC) was determined statistically using multiple comparison tests (TOXIS2), with the receiving water control as the reference.

4.0 Results

4.1 Effluent Toxicity Test

Results of effluent and receiving water characterizations performed at Aquatec as part of the toxicity test are presented in Table 1. Water quality parameters measured during the toxicity test are presented in Table 2. Measured temperatures during the test were within the range of 19°C to 21°C. The percent mortality data for the toxicity test are presented in Table 3. Acute toxicity was not

demonstrated during this evaluation. The 48-hour LC50 value was >100% effluent. The A-NOEC was 100% effluent.

4.2 Reference Toxicant Test

A standard reference toxicant (SRT) test was performed concurrently with the effluent toxicity test, using the same batch of daphnid neonates. The resulting 48-hour LC50, calculated by the Spearman-Karber method, was 3.99 g NaCl/L with 95% confidence intervals of 1.62 – 4.76 g/L. This LC50 value was within the Control Chart limits generated for tests in our laboratory.

5.0 Qualifiers

5.1 Qualifiers and Special Conditions

Qualifiers or special conditions were not applicable to the reported toxicity test.

References

American Public Health Association, American Water Works Association, and Water Pollution Control Federation (APHA). 1989. Standard Methods for the Examination of Water and Wastewater. 17th Edition

U.S. Environmental Protection Agency, 2002. 5th Edition. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*. EPA-821-R-02-012.

Table 1. Results of the characterization of the General Electric Pittsfield Plant effluent and receiving water (Housatonic River).

Parameter	Effluent OUTFALL COMPOSITE	Housatonic River HOUSATONIC RIVER
Temperature	20.3	20.3
pH	7.8	7.4
Alkalinity (as $CaCO_3$), mg/L	296	56
Hardness (as $CaCO_3$), mg/L	336	64
Dissolved oxygen, mg/L	8.5	8.3
Specific conductivity, uS/cm	1247	235
Salinity ($^o/_{oo}$)	0	0
Total residual chlorine (mg/L)	ND	ND

Note: Characterizations reflect conditions of sample after preparation for the toxicity test. ND = not detected

Table 2. Water quality measurements recorded during the 48-hour static toxicity test with Daphnia pulex exposed to General Electric Pittsfield Plant effluent, May 10-12, 2006.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.5	-	7.2	8.1	-	8.5	20.0	20.9	20.4
Lab Control	7.3	-	7.1	8.2	-	8.4	20.8	21.0	20.6
Dilution Control	7.4	-	7.3	8.3	-	8.4	20.3	20.6	20.3
5%	7.5	-	7.4	8.6	-	8.4	20.6	20.7	20.4
15%	7.5	-	7.7	8.6	-	8.4	20.6	20.6	20.4
35%	7.7	-	8.0	8.6	-	8.4	20.6	20.4	20.3
50%	7.7	-	8.2	8.6	-	8.4	20.6	20.6	20.4
75%	7.8	-	8.3	8.6	-	8.5	20.5	20.6	20.5
100%	7.8	-	8.3	8.5	-	8.5	20.3	20.5	20.3

Measurements at time 0 were from a sub-sample of the prepared treatment. Measurements at time 48 were from the combined water from all replicates for each treatment.

Dechl. Control = laboratory water with sodium thiosulfate added (dechlorination control).
Lab Control = a mix of natural river water and moderately hard water.
Dilution Control = receiving water (Housatonic River).

Table 3. Cumulative percent mortalities recorded during the 48-hour static acute toxicity test with *Daphnia pulex* exposed to General Electric Pittsfield Plant effluent, May 10-12, 2006.

Effluent Conc. (%)	24-hour						48-hour					
	A	B	C	D	E	Avg	A	B	C	D	E	Avg
Dechl. Control	0	0	0	0	0	0	0	0	0	0	0	0
Lab Control	0	0	0	0	0	0	0	0	0	0	0	0
Rec. Control	0	0	0	0	0	0	0	0	0	0	0	0
5%	0	0	0	0	0	0	0	0	0	0	0	0
15%	0	0	0	0	0	0	0	0	0	0	0	0
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	0	0	0	0	0
75%	0	0	0	0	0	0	0	0	0	0	0	0
100%	0	0	0	0	0	0	0	0	0	0	0	0

Dechl. Control = laboratory water with sodium thiosulfate added (dechlorination control).
Lab Control = a mix of natural river water and moderately hard water.
Dilution Control = receiving water (Housatonic River).

Percent mortality = (# dead/5) X 100

Appendix 1
Chain-of-Custody Documentation

Aquatec Biological Sciences

Chain-of-Custody Record

273 Commerce Street
Williston, VT 05495
TEL: (802) 860-1638
FAX: (802) 658-3189

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION
Name: General Electric Company	Project Name: GE PITTSFIELD	Carrier:
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 06004	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s):	
Telephone: (413) 494-6709	MARK WASNEWSKY	Date Shipped: 5-9-06
Facsimile:		
Contact Name: Mark Wasnewsky	Quote #: 10/05 Client Code: GECO	Hand Delivered: ☐ Yes ☐ No

VOLUME/CONTAINER TYPE/ PRESERVATIVE					
4°C	4°C	4°C H_2SO_4	4°C H_2SO_4	4°C	4°C HNO_3
Plastic	Plastic	Plastic	Glass	Amber Glass	Plastic
1 gal	1/2 gal	1 L	40 ml	250 ml	0.5 L

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS					
Outfall Composite A7302C	5-9-06	11:00 AM		✓	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7302C	↓	11:00 AM		✓	Effluent	Total Residual Chlorine					1	
Housatonic River A7301R	↓	8:15 AM	✓		Receiving	Dilution Water	1					
Housatonic River A7301R	↓	8:15 AM	✓		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
Mark Wasnewsky	5-9-06	2:15 PM	Wade Cooley
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
	5/9/06 15:00 KRD	19:00	Karen Dorney
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*

NOTES TO SAMPLER(S): (1): Complete the labels (Date, time, initials) and cover the labels with clear tape. Tape the caps of the sample bottles to ensure that they do not become dislodged during shipment. Nest the samples in sufficient ice to maintain 0°C – 6°C. Results for samples received at temperatures exceeding 6°C will be qualified in the report.

Notes to Lab: Ambient cooler temperature: 3.3 °C. Dechlorinate the effluent sample if chlorine is detected.

Appendix 2
Summary of Test Conditions

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 9513**

Test Description: Daphnid, *Daphnia pulex*, acute toxicity test

ASSOCIATED PROTOCOL: EPA 2002, 5th ed. (EPA-821-R-02-012) *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, **Method 2002.0**

1. Test type:	Static, non-renewal
2. Test temperature:	20 ± 1°C
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	15-20 ml / replicate
7. Renewal of test concentrations:	None
8. Age of test organisms:	Less than 24 h
9. No. organisms / test chamber:	5
10. No. of replicate chambers / concentration:	5
11. No. of organisms / concentration:	20
12. Feeding regime:	Feed 0.1 ml of YTC and algal suspension prior to testing. Not fed during test.
13. Cleaning:	None
14. Aeration:	None
15. Dilution water:	Receiving Water (Housatonic River)
16. Test concentrations:	5, 15, 35, 50, 75, 100%
17. Laboratory control:	1:1 mix of reconstituted moderately hard water and Lamoille River water. Dechlorination control.
18. Test duration:	48 h
19. Monitoring:	Day 0: temperature, DO, pH, and conductivity. Day 1: temperature, DO, pH, and conductivity. Day 2: temperature, DO, pH Hardness, alkalinity, salinity, TRC Biological monitoring daily (survival)
19. End points:	Survival
20. Reference toxicant test:	Sodium chloride 48-h LC50
21. Test acceptability	90% or greater
22. Data interpretation:	Acute: 48 h LC50 (Point estimate by EPA statistical flowchart using TOXIS 2) and A-NOEC by hypothesis test statistics compared to the receiving water control (EPA statistical flowchart using TOXIS 2)

Appendix 3
U.S. EPA Region 1 Toxicity Test Summary and Statistical Flow Chart

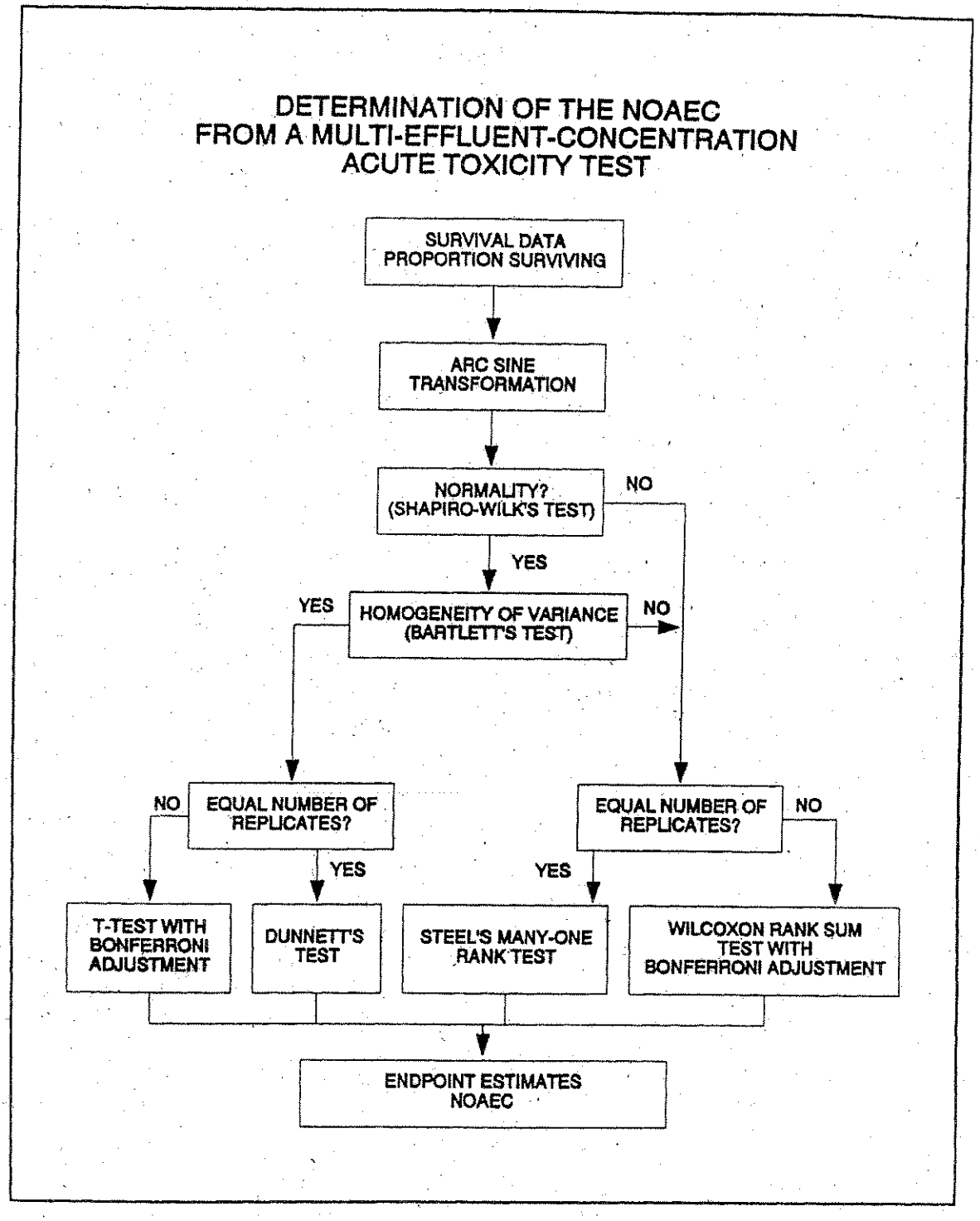


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

Appendix 4
Bench Data, *Daphnia pulex* Acute Toxicity Test

Aquatec Biological Sciences, Inc.

Test Date: 5/10/06
Sample Date: 5/09/06
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 47604
Test Material: Effluent - Industrial %
Source: MA0003891
General Electric Company
Pittsfield, MA

SUMMARY

End Point	Day	Transformation		Conc		#Reps	Mean	StDev	% Surv
Proportion Alive	2	Arc sine sqrt w/ adj.							
				0.000	B	5	1.35	0.000	
			X	0.000	D	5	1.35	0.000	
			X	5.000	D	5	1.35	0.000	
			X	15.000	D	5	1.35	0.000	
			X	35.000	D	5	1.35	0.000	
			X	50.000	D	5	1.35	0.000	
			X	75.000	D	5	1.35	0.000	
			X	100.000	D	5	1.35	0.000	
Proportion Alive	2	No transformation							
				0.000	B	5	1.00	0.000	
				0.000	D	5	1.00	0.000	
				5.000	D	5	1.00	0.000	
				15.000	D	5	1.00	0.000	
				35.000	D	5	1.00	0.000	
				50.000	D	5	1.00	0.000	
				75.000	D	5	1.00	0.000	
				100.000	D	5	1.00	0.000	

X = indicates concentrations used in calculations

- HYPOTHESIS TEST -

End Point	Day	Transformation/Analysis	NOEC	LOEC	TU	MSE	MSD
Proportion Alive	2	Arc sine sqrt w/ adj. Dunnett + t-test					

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 47604 ( ) Chronic (x) Acute 48 hours
Test Date: 10-May-06
Source: MA0003891 Test Material: EFF2 (%)

Conc	Rep	Cont. No.	Sex	Daily Survival Start	1	2	3	4	5	6	End	Prop Alive	Total Young	Max Young
0.00 B	1		F	5		5						1.00		
0.00 B	2		F	5		5						1.00		
0.00 B	3		F	5		5						1.00		
0.00 B	4		F	5		5						1.00		
0.00 B	5		F	5		5						1.00		
0.00 D	1		F	5		5						1.00		
0.00 D	2		F	5		5						1.00		
0.00 D	3		F	5		5						1.00		
0.00 D	4		F	5		5						1.00		
0.00 D	5		F	5		5						1.00		
5.00 D	1		F	5		5						1.00		
5.00 D	2		F	5		5						1.00		
5.00 D	3		F	5		5						1.00		
5.00 D	4		F	5		5						1.00		
5.00 D	5		F	5		5						1.00		
15.00 D	1		F	5		5						1.00		
15.00 D	2		F	5		5						1.00		
15.00 D	3		F	5		5						1.00		
15.00 D	4		F	5		5						1.00		
15.00 D	5		F	5		5						1.00		
35.00 D	1		F	5		5						1.00		
35.00 D	2		F	5		5						1.00		
35.00 D	3		F	5		5						1.00		
35.00 D	4		F	5		5						1.00		
35.00 D	5		F	5		5						1.00		
50.00 D	1		F	5		5						1.00		
50.00 D	2		F	5		5						1.00		
50.00 D	3		F	5		5						1.00		
50.00 D	4		F	5		5						1.00		
50.00 D	5		F	5		5						1.00		
75.00 D	1		F	5		5						1.00		
75.00 D	2		F	5		5						1.00		
75.00 D	3		F	5		5						1.00		
75.00 D	4		F	5		5						1.00		
75.00 D	5		F	5		5						1.00		
100.00 D	1		F	5		5						1.00		
100.00 D	2		F	5		5						1.00		
100.00 D	3		F	5		5						1.00		
100.00 D	4		F	5		5						1.00		
100.00 D	5		F	5		5						1.00		

6/2/06

QC ✓ KS
5/16/06

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 47604 SDG: 9513
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 31855

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec.	A	5	5	5
Water	B	5	5	5
Contr	C	5	5	5
	D	5	5	5
	E	5	5	5
5.0	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
15	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
35	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
50	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
75	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
100	A	5	5	5
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
Sample #		31855		
I/D/T		KS 5/10 11:05	KS 5/11 11:15	5-12-06 11:20 JG

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 6/2/06

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 47604 SDG: 9513
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, LAB CONTROL AND DECHLORINATION CONTROL

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Lab	A	5	5	5
Contr	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
Dechlor.	A	5	5	5
Control	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	5	5
I/D/T		KS 5/10 11:00	KS 5/11 11:05	5-12-06 11:20 JG

Note: Residual chlorine was not detected in the effluent sample, therefore sodium thiosulfate was not added to the effluent before toxicity testing. Although chlorine was not detected, an additional dechlorination control (0.1 mL of 0.25 N sodium thiosulfate per liter of moderately hard / Lamoille River water) was included in the test array.

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL? (Lot#) See below	FED (MWF Sel/YCT TuTh Sel)	CLEARED OF NEONATES? (TIME)	Culture Beakers Washed?	Temp. (°C)	DATE	INIT.
4/6A 4/22A,B,C	✓	YC/Sel	✓ 10:30	✓	20.6	5-1-06	KS
⊥	—	Sel	—	—	—	5-2-06	KS
4/6A 4/22A,B,C	✓	YC/Sel	✓	—	20.8	5-3-06	KS
⊥	—	Sel	—	—	—	5-4-06	⊥
4/6A 4/22A,B,C	✓	YC/Sel	—	—	20.9°C	5-5-06	JG
⊥	—	Sel	—	—	—	5/6/06	KK
4/6A 4/22A,B,C	—	Sel	—	—	—	5/7/06	KS
⊥	✓	YC/Sel	✓	✓	20.7	5/8/06	⊥
4/6A 4/22A,B,C	—	Sel	—	—	—	5/9/06	KK
5/9 collected mass culture from 4/22 A,B,C cultures						⊥	KS
4/22A,B,C	✓	YC/Sel	✓ 11:35	—	21.0	⊥	⊥
⊥	✓	⊥	✓ 10:50	—	20.9	5/10/06	KS

4/6A ended 5-9-06

Selenastrum Lot#: 418006Sel/5206Sel
YC or YCT Lot#: 32306YC

MHW lot # = 43006tmHW

Client: GENERAL ELECTRIC, PITTSFIELD, MA **Test #: 47604** **SDG: 9513**
MA0003891 OUTFALL 001
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

Treatment (%)	Parameter	Day 0	Day 1	Day 2
Lab	pH	7.3		7.1
Contr	DO	8.2		8.4
	Temp	20.8	21.0	20.6
	Cond.	270	--	228
Dechlorination	pH	7.5		7.2
Control	DO	8.1		8.5
	Temp	20.0	20.9	20.4
	Cond.	289	--	238
Rec.	pH	7.4		7.3
Water	DO	8.3		8.4
Contr	Temp	20.3	20.6	20.3
	Cond.	235	--	201
5.0	pH	7.5		7.4
	DO	8.6		8.4
	Temp	20.6	20.7	20.4
	Cond.	295	--	257
15	pH	7.5		7.7
	DO	8.6		8.4
	Temp	20.6	20.6	20.4
	Cond.	381	--	362
35	pH	7.7		8.0
	DO	8.6		8.4
	Temp	20.6	20.4	20.3
	Cond.	564	--	571
50	pH	7.7		8.2
	DO	8.6		8.4
	Temp	20.6	20.6	20.4
	Cond.	716	--	706
75	pH	7.8		8.3
	DO	8.6		8.5
	Temp	20.5	20.6	20.5
	Cond.	970	--	915
100	pH	7.8		8.3
	DO	8.5		8.5
	Temp	20.3	20.5	20.3
	Cond.	1247	--	1074
Sample #		31855	31855	31855
I/D (2005)		KS 5/10/06	KS 5/11/06	JGS-12-06

Alkalinity and Hardness Worksheet

				Alkalinity						Hardness					
Sample Identifier	LIMS Identifier	Sub ID Code	Sampling Date	Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Alkalinity	Sample Volume	Initial Titrant (ml)	Final Titrant (ml)	Analyst	Analysis Date	Hardness
31855	Outfall Composite		5/10/06	25	27.6	35	KK	5/11/06	296.0	50	3.2	20	KK	5/11/06	336.0
31856	Houstonic River		5/10/06	25	35	36.4	KK	5/11/06	56.0	50	0	3.2	KK	5/11/06	64.0

6/2/06

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 9513**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 47604**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	31856	31855		

Sample Preparation:

Filtration	60 micron ✓	60 micron ✓	60 micron	60 micron
Chlorine [1]	ND	ND		
Dechlorine [2]	–	–		
Salinity (o/oo)	0‰	0‰		
Prepared by (Init./date)	KS 5-10-06			

[1] Record vol. 0.025 N sodium thiosulfate to dechorinate 100 mL sample or record "ND" (not detected).
[2] Dechlorination required if detected. Record vol. 0.25 N sodium thiosulfate added per gallon effluent.

Dilution Plan for: *Daphnia pulex* static acute toxicity test

Receiving water is the dilution water
Lab Control = moderately hard water / Lamoille River 1:1 mix
Dechlorination Control = moderately hard water / Lamoille River 1:1 mix + sodium thiosulfate

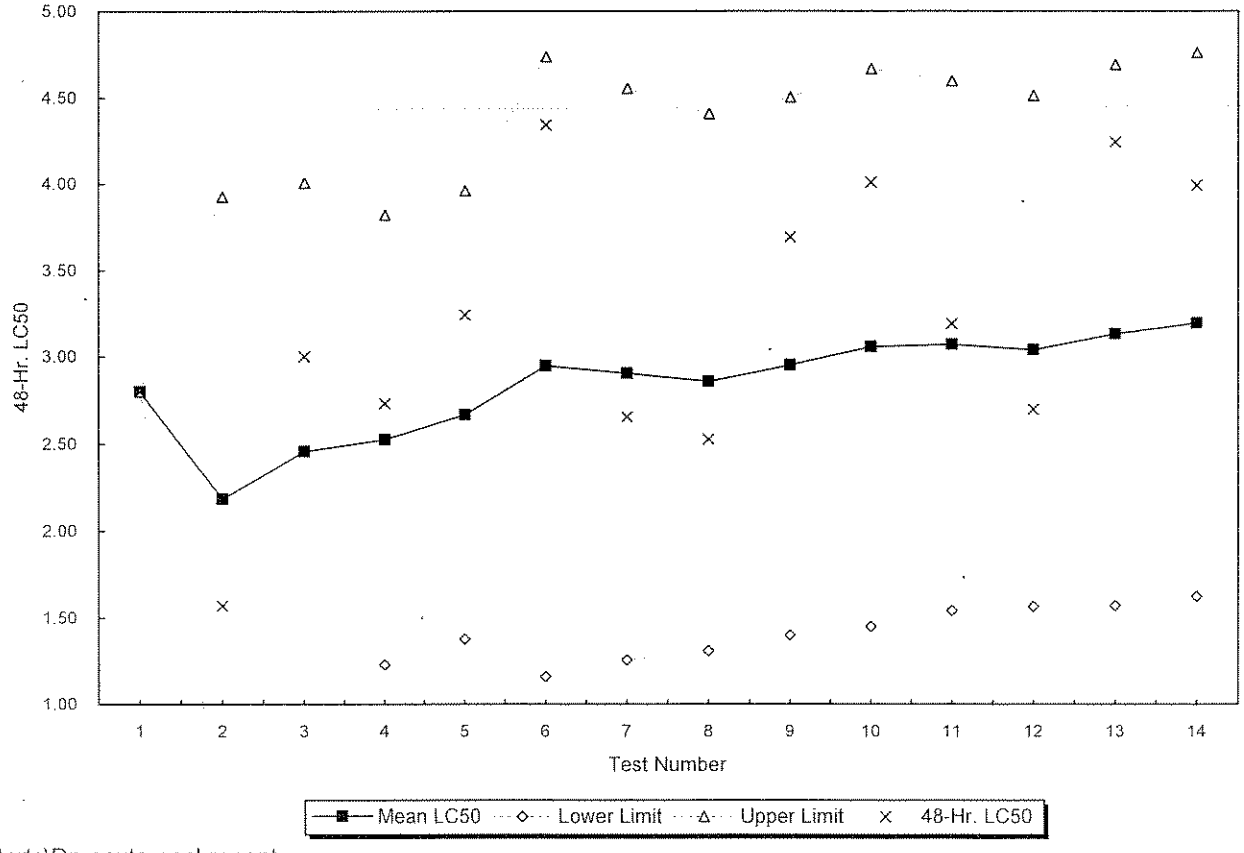
Concentration (%)	Volume Effluent (mL)	Volume Diluent (mL)	Total Volume (mL)
Laboratory Control	0	400	400
Thiosulfate Control	0	400	400
Rec. Water Control	0	400	400
5.0	20	380	400
15	60	340	400
35	140	260	400
50	200	200	400
75	300	100	400
100	400	0	400
Total Volume	1120	1680	

Comments:

Collect alkalinity and hardness samples on each new effluent and receiving water sample.
SEND SUBSAMPLE OF EFFLUENT AND RECEIVING WATER TO STL FOR TRC ANALYSIS.

Reference Toxicant Control Chart
Daphnia pulex
in Sodium chloride (g/L)

Test Number	Test Date	Organism Age (Days)	48-Hr. LC50	Mean LC50	Lower Limit	Upper Limit	Organism Source
1	06/10/98	1	2.801	2.80	2.80	2.80	Aquatec Biological Sciences
2	09/17/98	1	1.57	2.19	0.44	3.93	Aquatec Biological Sciences
3	12/15/98	1	3.002	2.46	0.91	4.01	Aquatec Biological Sciences
4	10/08/05	1	2.733	2.53	1.23	3.82	Aquatic BioSystems
5	10/11/05	1	3.241	2.67	1.38	3.96	Aquatic BioSystems
6	10/19/05	1	4.342	2.95	1.16	4.74	Aquatic BioSystems
7	11/02/05	1	2.655	2.91	1.26	4.55	Aquatec Biological Sciences
8	11/08/05	1	2.527	2.86	1.31	4.41	Aquatec Biological Sciences
9	12/07/05	1	3.693	2.95	1.40	4.50	Aquatec Biological Sciences
10	01/05/06	1	4.009	3.06	1.45	4.67	Aquatec Biological Sciences
11	02/08/06	1	3.189	3.07	1.54	4.60	Aquatec Biological Sciences
12	03/11/06	1	2.698	3.04	1.57	4.51	Aquatec Biological Sciences
13	04/06/06	1	4.243	3.13	1.57	4.69	Aquatec Biological Sciences
14	05/10/06	1	3.992	3.19	1.62	4.76	Aquatec Biological Sciences
15							
16							
17							
18							
19							
20							



qaqc\srts\Dp acute nacl recent

Appendix 5
Standard Reference Toxicant test Control Chart

Appendix 6
SOP TOX2-001, Standard Operating Procedure for Daphnid (*Ceriodaphnia dubia*, *Daphnia magna*, and *Daphnia pulex*) Acute Toxicity Test

Standard Operating Procedure for Daphnid (*Ceriodaphnia dubia*, *Daphnia magna* and *Daphnia pulex*) Acute Toxicity Test NELAC METHODS / U.S. EPA METHODS 2002.0 AND 2021.0

1.0 IDENTIFICATION OF TEST METHOD

This SOP describes procedures for conducting an acute toxicity test with dapnids. This test is used to estimate the acute toxicity of whole effluents or other aqueous samples to the cladocerans, *Ceriodaphnia dubia*, *Daphnia magna* and *Daphnia pulex*. Aquatec Biological Sciences, Inc. holds NELAC accreditation for this method.

2.0 APPLICABLE MATRIX OR MATRICES

The described test is used to assess toxicity of wastewaters (effluents, influents), receiving waters, and other prepared aqueous solutions.

3.0 DETECTION LIMIT

Not applicable.

4.0 SCOPE AND APPLICATION

This SOP describes procedures for performing a static or static-renewal acute toxicity test with cladocerans, *Ceriodaphnia dubia*, *Daphnia magna* and *Daphnia pulex.*

5.0 SUMMARY OF TEST METHOD

A summary of the test method is attached (Table 1 of this SOP). This test is used to estimate the acute toxicity of whole effluents or other aqueous samples to the freshwater cladocerans. Organisms are exposed, for 24, 48 or 96 hours, typically to five concentrations of effluent (or aqueous sample) and the controls. Acute toxicity is estimated by calculating the lethal concentration 50 value (LC50) and/or the acute no-observed-effect-concentration (A-NOEC). This procedure is based on the guidelines of EPA-821-R-02-012 (Methods 2002.0 and 2021.0).

6.0 DEFINITIONS

LC50: The computed concentration that results in 50 percent mortality of the test organisms (may be computed from 48-h or 96-h data).

A-NOEC: The acute no-observed-effect-concentration; The highest concentration resulting in no statistically significant reduction in survival relative to the control (requires four test replicates for statistical analysis).

7.0 INTERFERENCES

Not applicable.

8.0 SAFETY

Samples acquired for toxicity testing may contain unknown toxicants or health hazards. Protective equipment (e.g., lab coats, disposable gloves) should be worn when handling samples.

9.0 EQUIPMENT AND SUPPLIES

Calibrated Instrumentation and Water Quality Apparatus:

- pH meter
- Dissolved Oxygen (DO) meter
- Thermometer (accurate to 0.1^{o}C)
- Conductivity meter
- Alkalinity titration apparatus
- Hardness titration apparatus

Additional Equipment:

- Test chambers (30-ml disposable cups), color coded
- Test board with randomized scheme, glass cover
- Light table
- Waste collection bucket

Forms and Paperwork:
Survival and chemistry data form
Alkalinity and hardness data form

10.0 REAGENTS AND STANDARDS

Laboratory reconstituted water (soft water, moderately hard water, or hard water)
Deionized water
Reference toxicant solutions

11.0 SAMPLE COLLECTION, PRESERVATION, SHIPMENT, AND STORAGE

Samples for acute toxicity tests are typically collected, cold-preserved, and shipped to Aquatec. Sample acceptance and log-in procedures are outlined in SOP TOX1-017. After receipt at Aquatec, samples should be refrigerated when not being prepared for use in toxicity tests. The holding time for effluent samples is 36 hours from the time of collection until the time of first use.

12.0 QUALITY CONTROL

The acute toxicity test is judged to be acceptable and to have met Quality Control standards if the associated dilution water and laboratory control meet the survival criterion of 90% or greater. Also, the test conditions must be within the guidelines described in the protocol (Table 1). Standard reference toxicant (SRT) tests (48-h acute with sodium chloride as the toxicant) should be performed with a representative sub-set of the test organisms and result in an LC50 within the boundaries of the control chart. Deviations from acceptance standards should be documented and may result in the test being viewed as "conditionally acceptable" or "unacceptable" (See Section 19.0 below).

13.0 CALIBRATION AND STANDARDIZATION

Not applicable for the toxicity test. Any instrumentation (e.g., water quality instrumentation) required for conducting the test must be calibrated on a daily basis following the relevant SOP or instrument quidelines.

14.0 PROCEDURE

14.1 Test System and Conditions

The test system and environmental conditions for the daphnid acute toxicity test are summarized in Table 1.

14.2 Test Organisms

Procurement and Documentation

Test organisms for the daphnid acute test are obtained from Aquatec's laboratory cultures or commercial supplier. Neonates less than 24-h old are used for testing. Neonates collected for testing may be held in individual culture cups until distributed to tests. Feed neonates approximately 2 hours prior to test initiation by pipeting 0.1 ml yeast-Cerophyll-trout chow (YCT) and *Selenastrum capricornutum* to all neonate holding cups. Store the culture cups, covered, at test temperature (25 ± 1^{o}C or 20 ± 1^{o}C).

Evaluation of Daphnid Condition and Acclimation

If, during examination, it appears that more than 10 percent of the parent females or the neonates collected for the test have died during the holding period preceding the test, notify the Toxicity Laboratory Director immediately. A decision will be made regarding the possibility of collecting an alternate stock of neonates for testing. If the test is to be delayed, document the reason on the Project Documentation form. Also, it may be necessary to notify the client.

Ordinarily, *C. dubia* neonates are maintained in laboratory water (1:1 mix of Lamoille River water and moderately hard water) up until the time of test initiation. *D. magna* neonates are maintained in hard water while *D. pulex* neonates are maintained in moderately hard water. The temperature of the neonate stock must be maintained at 25 ± 1^{o}C or (20 ± 1^{o}C). Return parent stock females

from the neonate cups to the source batch culture. *Ceriodaphnia dubia* are cultured in individual culture cups (one organism per cup) maintained at 25 ± 1°C.

If acclimation to a client's receiving water is required, gradual water changes should be made (eg., 25%-50% hourly) to the parent organisms to receiving water. Neonate release and collection should occur in 100 percent receiving water, if acclimation is required.

Food
At the time of neonate collection, or on the morning of a scheduled test, feed neonates in each cup 0.1 ml Selenastrum and 0.1 ml yeast-Cerophyll-trout chow (YCT).

Sample Preparation
Procedures for effluent and diluent sample preparation are described in a separate SOP TOX1-013 ("Preparation of Effluent, Aqueous Samples, and Receiving Water for Toxicity Tests". The typical dilution factors are 0.5, however, consult applicable client permits for the appropriate dilution factor and included permit-limit concentrations when required.

14.3 Initiate the Test
Prepare Test Chambers
For a test where receiving water is used as the diluent, an additional laboratory control must be included in the test array. New 30-mL disposable plastic condiment cups are used as test chambers. Each test treatment will have four true replicates (no water connection); therefore, 28 test cups will be required. When laboratory water is used as the diluent, 24 test cups are required. Label as: Client Code
Treatment
Replicate (A, B, C, D)

Measure Initial Chemistries
Remove an aliquot (approximately 100 ml) from each test dilution and the controls. This aliquot is used to measure the following parameters: pH, DO, temperature, and conductivity. Record the data directly on the Toxicity Test Data Form for Day 0. The temperature of the solutions must be within a range of ± 1°C of the selected test temperature (20 °C or 25°C). Temperature, DO, and pH are to be recorded daily for all test concentrations.

Recommended water chemistry at time of test initiation
If solutions are not within the ranges specified below, notify the Toxicity Laboratory Director.

pH - acceptable range, 6.0-9.0

DO - acceptable range, 8.0-8.9 mg/L (20°C); 7.4-8.1 (25°C)

Temperature - acceptable range, 19-21°C or 24-26°C

Conductivity - often has a pattern of increasing conductance with increasing sample strength.

Collect a sub-sample of the control and 100% effluent solutions subsequent analysis of hardness and alkalinity. Label and store in a refrigerator at 4°C.

If test solutions are to be stored temporarily prior to starting the test, store the test solutions at the target test temperature.

Decant test solutions to the appropriate test cups, 25 ml per cup. Place the test cups in randomized positions on the test board. Water chemistry measurements are recorded for one replicate of each treatment each day of the test.

Prepare and distribute test organisms

Select approximately 20 brood cups (containing neonates collected for the test), each with 8 or more neonates. Pool neonates in a crystallizing dish prior to distribution to the test. Randomly distribute neonates to test containers (5 per test container) with a transfer pipet.

Record the date / time of test start along with initials on the data form.

Aeration
Do not aerate daphnid acute tests.

Feeding
Daphnids are not fed during acute toxicity test of 24-48 hours duration. If the test duration is 96 hours the test animals are fed 2 hours prior to the 48 hour water change.

14.4 Monitoring the test
Test solution renewal (if required) and biological monitoring
Test solutions in each test cup routinely are not renewed for 48 hour tests (unless the project protocol specifies daily renewal). If the test duration is 96 hours, renew test solutions at 48 hours (or daily, if specified in the project-specific protocol). During the renewal procedure, take care to avoid injuring neonates. Renew the controls first, then from low concentrations to higher test concentrations. This procedure will minimize the potential for back-contamination of a lower test concentration with a higher test concentration. The renewal procedure is conducted over a light table.

Remove the test board from the test rack and remove the glass cover. Carefully measure the temperature of one replicate of each test treatment. Record the data on the Final Chemistry Data form.

Fill four new cups coded for laboratory control with approximately 25 mL of laboratory control water. Remove laboratory control Replicate A test cup from the test board.

Transfer all surviving daphnids with a large-bore pipet to the new test cup containing new control solution. Record the number of survivors in the appropriate box for laboratory control, Replicate A.

Continue the water changes until all surviving animals in each treatment have been transferred to "new" water. Pool the "old test water" from the old test cups into a beaker. This must be saved for final chemistry analysis, when required. When renewals have been completed, record initials, date, and time for renewal in the remarks section of the daphnid acute data form. Replace all test cups in the assigned position on the test board.

Final Chemistry (daily during test, if required)
Measure the temperature, pH, and D.O., and conductivity of the pooled water sample decanted from the four replicates for each test treatment. It is preferable to do this immediately after completing the renewal to obtain an accurate representation of the test conditions. Discard the solution in the appropriate waste receptacle.

14.5 Termination of the Toxicity Test
The daphnid acute test may be ended at 24 hours, 48 hours, or 96 hours depending on permit requirements or the project-specific protocol. The guidelines for actual duration of the test are: 24-h test (± 15 minutes from time of test start); 48-h test (± 30 minutes from time of test start); and 96-h test (± 60 minutes from time of test start).

Daphnid survival (end of test)
For each replicate, determine the number of live daphnids remaining and record the results in the appropriate data box of the daphnid acute data form. A daphnid is scored as "alive" if any activity

or self-propelled movement is observed. If necessary, examine organisms under a dissecting microscope to determine the number surviving.

Record the time of test completion in remarks section of the daphnid acute data form.

Final Chemistry (end of test)
Measure and record temperature of one replicate from each test concentration. Combine the test solution from each replicate of each test concentration. Measure and record the final chemistry parameters (conductivity, pH and DO) as specified in 3.2.1 above.

15.0 CALCULATIONS

The 48-h LC50 (or 96-h) and A-NOEC (if required) are calculated using the TOXIS2 software program. Enter the test data into the TOXIS2 template prepared for each client. Run the statistical program for the EPA Acute Toxicity Test flow chart (EPA-821-R-02-012 Section 11 Figures 12 and 13) and print the entered test data and the statistical results. Check the entered data against the original hand-written test data and record the date and initials. Place the statistical printouts in the project folder (by SDG) and return the folder with all paperwork to the project holding file.

16.0 METHOD PERFORMANCE

Test conditions should be at or near the limits outlined in the Protocol (Table 1).

17.0 POLLUTION PREVENTION

Effluents and receiving waters used in toxicity tests are stored refrigerated until the test data have been reviewed and deemed acceptable by the Laboratory Manager or the Director. Contact the Laboratory Manager or Director prior to discarding any stored samples. Effluent and receiving water samples may be discarded following a period of chlorination (e.g., 30 minutes). Effluent samples that have exhibited high toxicity in low test concentrations should be discarded in the "Aqueous Waste" drum for disposal by a certified waste handler. Other samples containing unknown or suspected toxic contaminants should be discarded in the "Aqueous Waste" drum.

18.0 DATA ASSESSMENT AND ACCEPTANCE CRITERIA FOR QUALITY CONTROL MEASURES

The Laboratory Manager and/or the Laboratory Director will review test data to ensure that all elements of the data package are available and complete (Log-in work sheets, test IDs, Chain-of-Custody documentation, toxicity test benchsheets, organism records, and SRT data). The reviewer will check to package for transcription errors, clarity of observations and notations, initials, and completeness. The reviewer will also compare the test data to the Quality Control standards outlined in Section 12.0 above. Any deficiencies will be addressed and resolved (with appropriate notation) prior to assembling the package for the final report.

19.0 CORRECTIVE ACTIONS FOR OUT-OF-CONTROL DATA

Data that do not meet Quality Control standards will be assessed and a decision will be made whether to reject the test data and deemed "unacceptable" (requiring a repeated test) or "provisionally acceptable" (requiring a qualifier in the final report). An example of and unacceptable test could include one where the controls fail to meet the 90% survival requirement. A designation of a "provisionally acceptable" test might include one where samples were received outside of prescribed holding temperatures or times.

20.0 CONTINGENCIES FOR HANDLING OUT-OF-CONTROL OR UNACCEPTABLE DATA

Analysts experiencing and "out-of-control" event (e.g., test replicate spills, test solutions improperly prepared, test temperatures out of target range, etc.) should note the event on the bench sheet and also notify the Laboratory Manager or Laboratory Director. A decision will be made by the Laboratory Manager or Laboratory Director as to whether to continue the test (with the appropriate qualifier) or whether to terminate the test. If the test is terminated, the client should be notified so that re-sampling and re-testing can be scheduled as soon as possible.

21.0 WASTE MANAGEMENT

See 17.0 above.

22.0 REFERENCES

The test procedure is based upon the guidelines outlined in EPA-821-R-02-012, *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms* (5th Ed.). Regional guidelines may require in slight modifications of the test protocol (e.g., solution renewals, test duration, target test temperature).

23.0 TABLES, DIAGRAMS, FLOW CHARTS, AND VALIDATION DATA

Refer to Tables 12 and 13 (pp. 51 – 54 of EPA-821-R-02-012) and the EPA Statistical Flow Chart, Figures 12 and 13 of EPA-821-R-02-012 Section 11 and related discussions within that document.

24.0 TRAINING

Laboratory analysts performing this procedure must receive instruction from a previously trained analyst. Individual parts of the overall procedure may be performed under the guidance of a previously-trained analyst.

To be qualified for the overall procedure outlined in this SOP, the analyst must:

Read this SOP.
Receive verbal and visual instruction.
Be trained on pertinent associated SOPs.

Approvals:

Laboratory Manager:	Date:

Table 1. Test Protocol

PROTOCOL: EPA 2002. *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Methods 2002.0 (*Ceriodaphnia dubia*) and 2021.0 (*Daphnia magna* and *Daphnia pulex*) acute toxicity tests.

1. Test type:	Static, no renewal; or daily renewal
2. Test temperature:	25 ± 1°C (or 20 ± 1°C)
3. Light quality:	Ambient laboratory illumination
4. Photoperiod:	16 hr. light, 8 hr. dark
5. Test chamber size:	30 ml
6. Test solution volume:	25 ml / replicate
7. Renewal of test concentrations:	None if static test, daily if renewal test
8. Age of test organisms:	Less than 24 h
9. No. organisms / test chamber:	5
10. No. of replicate chambers / concentration:	4
11. No. of organisms / concentration:	20
12. Feeding regime:	Feed 0.1 ml of YTC and algal suspension prior to testing. Not fed during test for 48-h tests. Feed 2 hours prior to 48-h (before renewal) for 96-h tests
13. Cleaning:	None
14. Aeration:	None
15. Dilution water:	Receiving Water or laboratory water
16. Test concentrations:	6.25, 12.5, 25, 50, 100% (unless specified otherwise by permit)
17. Laboratory control:	Reconstituted water (soft, moderately hard, or hard)
18. Test duration:	48 h; 96 h
19. Monitoring:	Day 0: temperature, DO, pH, and conductivity. Day 1: temperature. Day 2 (or 4): temperature, DO, pH, and conductivity. Hardness, alkalinity on each new sample. Biological monitoring daily
19. End points:	Survival
20. Reference toxicant test:	Sodium chloride 48-h LC50
21. Test acceptability (Control performance):	90% or greater survival
22. Data interpretation:	LC50 / A-NOEC using TOXIS2 statistical program

DOCUMENT SIGNATURE PAGE

DOCUMENT NAME: SOP TOX2-001 Daphnid Acute Revision 5

Printed Name	I have read and I understand and I agree, to the best of my ability, to follow the procedures outlined in this SOP Signature	Initials	Date

APPENDIX 2

Laboratory Reports

Columbia Analytical Services, Inc.
O'Brien & Gere, Inc.

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 5/9/06

Acute Dry ✓
Acute Wet ___
Chronic _____(Day 1,2 or 3)

Effluent Composite
Sample # A7302C
Date 5-9-06
Time 11⁰⁰AM
pH 7.92 su

River/Dilution Water
Sample # A7301R
Date 5-9-06
Time 8¹⁵AM
pH 7.58 su

Mark Wagnowsky 5-9-06
Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7302CDM

Date Sampled : 05/09/06 11:00 **Order #:** 899226 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	05/15/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	05/12/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	05/12/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	05/12/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	05/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	05/12/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	05/12/06	1.0
ZINC	200.7	0.0200	0.0213	MG/L	05/15/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7302CTM

Date Sampled : 05/09/06 11:00 **Order #:** 899227 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	05/15/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	05/12/06	1.0
CALCIUM	200.7	1.00	78.4	MG/L	05/12/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	05/12/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	05/12/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	05/12/06	1.0
MAGNESIUM	200.7	1.00	31.8	MG/L	05/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	05/12/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	05/12/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	05/15/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7301RTM

Date Sampled : 05/09/06 08:15 **Order #:** 899228 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	05/15/06	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	05/12/06	1.0
CALCIUM	200.7	1.00	16.6	MG/L	05/12/06	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	05/12/06	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	05/12/06	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	05/12/06	1.0
MAGNESIUM	200.7	1.00	5.72	MG/L	05/12/06	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	05/12/06	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	05/12/06	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	05/15/06	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7301R

Date Sampled : 05/09/06 08:15 **Order #:** 899220 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.100 U	MG/L	05/16/06	11:48	2.0
CHLORIDE	300.0	0.200	13.8	MG/L	05/15/06	16:41	10.0
TOTAL ALKALINITY	310.1	2.00	59.0	MG/L	05/16/06	10:00	1.0
TOTAL ORGANIC CARBON	9060	1.00	4.71	MG/L	05/12/06	06:56	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	05/16/06	15:46	1.0
TOTAL SOLIDS	160.3	10.0	109	MG/L	05/15/06	10:50	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	05/11/06	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7302C

Date Sampled : 05/09/06 11:00 **Order #:** 899221 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.219	MG/L	05/16/06	11:48	1.0
CHLORIDE	300.0	0.200	198	MG/L	05/15/06	14:37	100.0
TOTAL ALKALINITY	310.1	2.00	329	MG/L	05/16/06	10:00	1.0
TOTAL ORGANIC CARBON	9060	1.00	3.81	MG/L	05/12/06	07:37	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	05/16/06	15:46	1.0
TOTAL SOLIDS	160.3	10.0	650	MG/L	05/15/06	10:50	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	05/11/06	14:00	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7301RCN

Date Sampled : 05/09/06 08:15 **Order #:** 899229 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	05/16/06	12:55	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 06/07/06

General Electric
Project Reference: GE PITTSFIELD BIOMONITORING 5/06
Client Sample ID : A7302CCN

Date Sampled : 05/09/06 11:00 **Order #:** 899230 **Sample Matrix:** WATER
Date Received: 05/10/06 **Submission #:** R2631364

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0415	MG/L	05/16/06	12:55	1.0

APPENDIX 3

Chain of Custody Forms

Columbia Analytical Services, Inc.
An Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

CAS Contact:

Project Name: NPDES Permit
Project Number:
Project Manager: J Nicholson
Report CC:
Company/Address: GE Corp Environmental
159 Plastics Ave Bldg 59
Pittsfield, MA 01201
Phone #: 413 448 5915
FAX#: 413 448 5935
Sampler's Signature: Mark Wasnewsky
Sampler's Printed Name: MARK WASNEWSKY

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 2 3 0 0 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 609 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	O&G EPA 1664	TSS EPA 160.2	BOD EPA 405.1	CHLORIDE EPA 325.2 TOTAL SOLIDS	REMARKS/ ALTERNATE DESCRIPTION
64T-A7295		5-8-06	715 AM	H2O	1								X				
64G-A7297		↓	715 AM										X				
OFC-A7299		↓	815 AM										X				
09B-A7306		5-9-06	800 AM											X			
09B-A7306			800 AM										X	X			
A7301R	899220		815 AM										X				
A7302C	899221		1100 AM										X		X		
A7301R	899220		815 AM												X		
A7302C	899221		1100 AM												X		
A7302CDM	899226	↓	1100 AM	↓	↓							X					Filtered & Preserved

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals LISTED ON SAMPLE LABEL (8 Metals)

Samples Packed In Ice

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ✓ 5 day
____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: 26 31364

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Wasnewsky	Signature:	Signature	Signature	Signature	Signature
Printed Name: MARK WASNEWSKY	Printed Name: Gregory O. Esmerian	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GE	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 5-9-06 200 PM	Date/Time: 5-10-06 10:05	Date/Time	Date/Time	Date/Time	Date/Time

SCOC-1102-08

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, Inc.
An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE _____ OF _____

SR # _____
CAS Contact _____

Project Name: NPDES Permit	Project Number:
Project Manager: J Nicholson	Report CC:
Company/Address: GE Corp Environmental 159 Plastics Ave Bldg 59 Pittsfield MA 01201	
Phone #: 4134485915	FAX#: 413 448 5935
Sampler's Signature: Mark Wasnewsky	Sampler's Printed Name: MARK WASNEWSKY

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 2, 3, 4, 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (10) EPA 200.7 (List in comments below)	METALS, DISSOLVED (List in comments below)	TOTAL PHOSPHORUS, TOC, NH3	CYANIDE EPA 335.4	ALKALINITY	REMARKS/ ALTERNATE DESCRIPTION
A7301R	899220	5-9-06	815 AM	H2O	1						X					
A7302C	899221		1100 AM								X					
A7301RTM	899228		815 AM							X						
A7302CTM	899227		1100 AM							X						
A7301RCN	899229		815 AM										X			
A7302CCN	899230		1100 AM										X			
A7301R	899220		815 AM											X		No Headspace
A7302C	899221		1100 AM											X		No Headspace

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals LISTED ON SAMPLE LABEL (10 Metals)

Samples Packed in Ice

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr ✓ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
✓ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: 2631364

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Mark Wasnewsky	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: MARK WASNEWSKY	Printed Name: Gregory O. Emerson	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: GBG	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 5-9-06	Date/Time: 5-10-06 10:05	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Submission Number _____

Cooler received on 5-10-06 by: KE COURIER: CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	KE 5-10-06 (YES)	NO			
2.	Were custody papers properly filled out (ink, signed, etc.)?	(YES)	NO			
3.	Did all bottles arrive in good condition (unbroken)?	(YES)	NO			
4.	Did any VOA vials have significant air bubbles?	YES	NO	N/A		
5.	Were Ice or Ice packs present?	(YES)	NO			
6.	Where did the bottles originate?	(CAS/ROC,)	(CLIENT)			
7.	Temperature of cooler(s) upon receipt:	4.7°	3.4°			
	Is the temperature within 0° - 6° C?:	(Yes)	(Yes)	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 5-10-06 @ 10:12

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: on 5-10-06

Cooler Breakdown: Date: _____ by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	YES	NO
2.	Did all bottle labels and tags agree with custody papers?	YES	NO
3.	Were correct containers used for the tests indicated?	YES	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		N/A

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

**If pH adjustment is required, use NaOH and/or H_2SO_4

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review: _____

Aquatec Biological Sciences

Chain-of-Custody Record

273 Commerce Street
Williston, VT 05495
TEL: (802) 860-1638
FAX: (802) 658-3189

COMPANY INFORMATION	COMPANY'S PROJECT INFORMATION	SHIPPING INFORMATION
Name: General Electric Company	Project Name: GE PITTSFIELD	Carrier:
Address: O'Brien & Gere	**Outfall Composite**	
1000 East Street, Gate 64	Project Number: 06004	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): MARK WASNEWSKY	Date Shipped: 5-9-06
Telephone: (413) 494-6709		
Facsimile:	Quote #: 10/05 Client Code: GECO	Hand Delivered: ☐ Yes ☐ No
Contact Name: Mark Wasnewsky		

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	NUMBER OF CONTAINERS: VOLUME/CONTAINER TYPE/ PRESERVATIVE — 4°C Plastic (1 gal)	4°C Plastic (1/2 gal)	4°C H_2SO_4 Plastic (1 L)	4°C H_2SO_4 Glass (40 ml)	4°C Amber Glass (250 ml)	4°C HNO_3 Plastic (0.5 L)
Outfall Composite A7302C	5-9-06	11:00 AM		✓	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7302C	↓	11:00 AM		✓	Effluent	Total Residual Chlorine					1	
Housatonic River A7301R		8:15 AM	✓		Receiving	Dilution Water	1					
Housatonic River A7301R	↓	8:15 AM	✓		Receiving	Total Residual Chlorine					1	

Relinquished by: (signature)	DATE	TIME	Received by: (signature)
Mark Wasnewsky	5-9-06	2:15 PM	Donald Crowley
Relinquished by: (signature)	DATE 5/9/06 19:00 KRD	TIME 19:00	Received by: (signature) Karen Dorney
Relinquished by: (signature)	DATE	TIME	Received by: (signature)

NOTES TO SAMPLER(S): (1): Complete the labels (Date, time, initials) and cover the labels with clear tape. Tape the caps of the sample bottles to ensure that they do not become dislodged during shipment. Nest the samples in sufficient Ice to maintain 0°C – 6°C. Results for samples received at temperatures exceeding 6°C will be qualified in the report.

Notes to Lab: Ambient cooler temperature: 3.3 °C. Dechlorinate the effluent sample if chlorine is detected.

5/9/2006

ACUTE AQUATIC TOXICITY COMPOSITE

Month: MAY
Week: 2
Fiscal Wk: 19
Weather: DRY

	Gallons/Day	Ml in Composite	Percent of Composite
001	36,720	1,825.33	17.38%
004	0	-	0.00%
007	0	-	0.00%
64T	7,600	377.79	3.60%
64G	140,150	6,966.79	66.35%
09A	0	-	0.00%
09B	26,757	1,330.08	12.67%
	211,227	10500	100.00%

The Acute Toxicity Composite was made today by Mark Wasnewsky @ 11^00 AM according to the table above, and given the sample ID# A7302C.

COC # OBG050906

Mark Wasnewsky
Signed

5-9-06
Date