GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted via Overnight Courier

April 9, 2007

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 March 2007 (GECD900)

Dear Mr. Tagliaferro and Ms. Steenstrup:

Enclosed are copies of General Electric's (GE's) monthly progress report for March 2007 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,

Richard W. Gates / KAK

Richard W. Gates
Remediation Project Manager

Enclosure

cc: Richard W. Hull, EPA
Robert Cianciarulo, EPA (cover letter only)
Tim Conway, EPA (cover letter 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)

March 2007

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)
MARCH 2007

a. Activities Undertaken/Completed

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

b. Sampling/Test Results Received

- Sample results were received for routine sampling conducted pursuant to GE's NPDES Permit for the GE facility. Sampling records and results are provided in Attachment A to this report.

- NPDES Discharge Monitoring Reports (DMRs) for the period of February 1 through February 28, 2007, are provided in Attachment B to this report.

- GE received a report from Columbia Analytical Services, Inc. (CAS) titled *NPDES Biomonitoring Report for March 2007*, 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 March 2007. A copy of this document is provided in Attachment C.

c. Work Plans/Reports/Documents Submitted

- Submitted responses to comments and questions from EPA related to GE's December 7, 2006 revised draft *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) and *Project Operations Plan* (POP) (March 2, 2007).* (EPA informed GE on March 15, 2007 that these responses adequately addressed EPA's comments and questions.)

- Submitted final revised FSP/QAPP and POP (March 30, 2007).*

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

- Continue NPDES sampling and monitoring activities.

- Attend public and Citizens Coordinating Council (CCC) meetings, as appropriate.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 1
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MARCH 2007

a. Activities Undertaken/Completed

Initiated soil sampling on behalf of the Pittsfield Economic Development Authority (PEDA) in the vicinity of planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue.

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 soil sampling on behalf of PEDA in the vicinity of planned utility lines to be installed by PEDA at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue.
- Discuss draft Grant of Environmental Restriction and Easement (ERE) and Plan of Restricted Area for the 40s Complex with EPA, MDEP, and PEDA.*
- Following receipt of EPA comments on draft plan for additional soil sampling at the 40s Complex, submit final sampling plan.*
- Continue work on development of Final Completion Report for the 40s Complex.*
- Conduct semi-annual inspection of vegetative cover over crushed material stockpile in 40s Complex.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- MDEP issued a letter to PEDA (dated March 15, 2007) providing comments on: (1) PEDA's plans for installation of a stormwater retention basin within the former 30s Complex; (2) the soil sampling plans prepared by GE's consultants and submitted by PEDA on January 23, 2007, for the soil in the vicinity of PEDA's planned utility lines at the former 20s and 30s Complexes and the adjacent portion of Woodlawn Avenue; and (3) related issues concerning site grading and construction of these new utilities.

ITEM 1
(cont'd)
PLANT AREA
20s, 30s, 40s COMPLEXES
(GECD120)
MARCH 2007

e. General Progress/Unresolved Issues/Potential Schedule Impacts (cont'd)

- Awaiting EPA's comments on GE's December 21, 2006 proposal for the remaining at-grade concrete slabs of former Buildings 42, 43/43A, and 44, which also addressed certain issues relative to the final restoration of previously placed crushed demolition debris.*

f. Proposed/Approved Work Plan Modifications

None

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling	DUP-001 (WDL-8)	3/20/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	DUP-002 (WDL-8)	3/20/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	DUP-003 (WDL-8)	3/20/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	DUP-004 (SW20N-5)	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	DUP-005 (SW20N-2)	3/23/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	DUP-006 (SW20N-2)	3/23/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	DUP-007 (SS30-12)	3/26/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	DUP-008 (SW20S-3)	3/29/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	DUP-009 (SW20S-3)	3/29/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	DUP-010 (SW20S-7)	3/29/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS20-1	3/30/07	10-15	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS20-1	3/30/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS20-1	3/30/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS20-1	3/30/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SS20-2	3/30/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS20-2	3/30/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SS20-2	3/30/07	4-6	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SS30-10	3/26/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS30-11	3/26/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS30-12	3/26/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS30-13	3/26/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS30-14	3/27/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SS30-15	3/27/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SS30-15	3/27/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SS30-9	3/26/07	6-8	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-1	3/23/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-1	3/23/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-1	3/23/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-1	3/23/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-10	3/21/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-10	3/21/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-10	3/21/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-10	3/21/07	4-6	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-11	3/21/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-11	3/21/07	6-10	Soil	SGS	PCB	

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling	SW20N-11	3/21/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-2	3/23/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-2	3/23/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-2	3/23/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-2	3/23/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-3	3/22/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-3	3/22/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-3	3/22/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-4	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-4	3/22/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-4	3/22/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-4	3/22/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-5	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-5	3/22/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-5	3/22/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-5	3/22/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-6	3/21/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-6	3/21/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-6	3/21/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-7	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-7	3/22/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-7	3/22/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-7	3/22/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-8	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-8	3/22/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-8	3/22/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-8	3/22/07	4-6	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20N-9	3/21/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-9	3/21/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20N-9	3/21/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20N-9	3/21/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-1	3/23/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-1	3/23/07	10-15	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-1	3/23/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-1	3/23/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling	SW20S-1	3/23/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-10	3/28/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-10	3/28/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-10	3/28/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-10	3/28/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-11	3/28/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-11	3/28/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-11	3/28/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-12	3/29/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-12	3/29/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-12	3/29/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-12	3/29/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-13	3/28/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-13	3/28/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-13	3/28/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-13	3/28/07	2-4	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-14	3/28/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-14	3/28/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-14	3/28/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-14	3/28/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-15	3/28/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-15	3/28/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-15	3/28/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-15	3/28/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-16	3/30/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-16	3/30/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-16	3/30/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-17	3/30/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-17	3/30/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-17	3/30/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-17	3/30/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-3	3/29/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-3	3/29/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-3	3/29/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-3	3/29/07	1-3	Soil	SGS	VOC	

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling	SW20S-4	3/29/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-4	3/29/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-4	3/29/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-4	3/29/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-5	3/29/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-5	3/29/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-5	3/29/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-6	3/29/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-6	3/29/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-6	3/29/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-7	3/29/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-7	3/29/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-7	3/29/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-7	3/29/07	8-10	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-8	3/29/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-8	3/29/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-8	3/29/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-8	3/29/07	3-4	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW20S-9	3/28/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-9	3/28/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW20S-9	3/28/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW20S-9	3/28/07	8-10	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW30-11	3/27/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW30-11	3/27/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW30-12	3/27/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW30-13	3/27/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW30-13	3/27/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW30-14	3/27/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW30-15	3/27/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW30-15	3/27/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW30S-1	3/23/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW30S-2	3/23/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW30S-2	3/23/07	8-10	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW30S-3	3/23/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	SW30S-3	3/23/07	10-15	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling	SW30S-3	3/23/07	12-14	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	SW30S-4	3/26/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	SW30S-4	3/26/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	W30-10	3/27/07	10-15	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	W30-10	3/27/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	W30-11	3/27/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-1	3/20/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-1	3/20/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-1	3/20/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-10	3/21/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-10	3/21/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-10	3/21/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-10	3/21/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	WDL-2	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-2	3/22/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-2	3/22/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-2	3/22/07	4-6	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	WDL-3	3/22/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-3	3/22/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-3	3/22/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-3	3/22/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	WDL-4	3/20/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-4	3/20/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-4	3/20/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-5	3/20/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-5	3/20/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-5	3/20/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-6	3/21/07	6-10	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-6	3/21/07	6-8	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	WDL-7	3/20/07	0-1	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-7	3/21/07	10-12	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-7	3/20/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-7	3/20/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-7	3/20/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	WDL-8	3/20/07	0-1	Soil	SGS	PCB	

TABLE 1-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
PEDA Utility Installation Soil Sampling	WDL-8	3/21/07	10-12	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-8	3/20/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-8	3/20/07	1-6	Soil	SGS	PCB, SVOC, Inorganics, PCDD/PCDF	
PEDA Utility Installation Soil Sampling	WDL-8	3/20/07	1-3	Soil	SGS	VOC	
PEDA Utility Installation Soil Sampling	WDL-9	3/20/07	1-6	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-9	3/20/07	6-10	Soil	SGS	PCB	
PEDA Utility Installation Soil Sampling	WDL-9	3/20/07	0-1	Soil	SGS	PCB, VOC, SVOC, Inorganics, PCDD/PCDF	
PEDA Wipe Sampling	AUGER-WIPES-3-R1	3/21/07	NA	Wipe	SGS	PCB	3/23/07

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

TABLE 1-2
PCB DATA RECEIVED DURING MARCH 2007

PEDA WIPE SAMPLING
20s, 30s, 40s COMPLEX
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
Auger-Wipes-3-R1	3/21/2007	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. Sample was collected by ARCADIS BBL, 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.

ITEM 2
PLANT AREA
EAST STREET AREA 2-SOUTH
(GECD150)
MARCH 2007

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)

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

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Several issues relating to GE's Conceptual Removal Design/Removal Action (RD/RA) Work Plan are under discussion with EPA.*

- Awaiting EPA comments on draft ERE, survey plan, and related documents for City Recreational Area, and on draft Final Completion Report for City Recreational Area.*

f. Proposed/Approved Work Plan Modifications

None

ITEM 3
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MARCH 2007

a. Activities Undertaken/Completed

- Collected and transferred approximately 18,000 gallons of water from Building 9 and approximately 5,000 gallons of water from the Building 100/100A Tunnel to Building 64G for treatment.

- Completed pre-demolition removal activities (i.e., equipment and liquids removal) at Buildings 11 and 16.

- Continued the asbestos removal program at Buildings 11 and 16.

- Conducted sampling of oil from equipment at Buildings 11 and 16, as identified in Table 3-1.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted to EPA a letter identifying the air monitoring station locations at Buildings 11 and 16, along with potential revised air monitoring station locations at Buildings 7, 17, 17C, and 19 (March 28, 2007).*

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

- Submit revised proposal to EPA for disposition of demolition debris from Buildings 7, 17, 17C, and 19, in response to EPA's letter of March 12, 2007 regarding GE's prior proposal for such disposition activities (see Item 3.f below).*

- Schedule initiation of demolition activities for Buildings 7, 17, 17C, and 19 following EPA approval of GE's revised proposal for disposition of demolition debris.

- Continue asbestos removal activities at Buildings 11 and 16.

- Submit proposal to EPA regarding demolition of, and disposition of demolition debris from, Buildings 11 and 16.*

- Distribute Request for Proposal for the Buildings 11 and 16 Demolition and Restoration Program.

- Initiate soil sampling within Woodlawn Avenue area in accordance with EPA's March 29, 2007 conditional approval letter (see Item 3.f below).*

-

ITEM 3
(cont'd)
PLANT AREA
EAST STREET AREA 2-NORTH
(GECD140)
MARCH 2007

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- Awaiting EPA's comments on GE's December 21, 2006 proposal for the remaining at-grade concrete slabs of certain buildings in the portion of East Street Area 2-North that is intended to be transferred to PEDA (i.e., the 19s Complex).*

- Issues relating to on-site use of crushed demolition debris from Buildings 7, 17, 17C, and 19 will be discussed with EPA following submission of GE's revised proposal for disposition of such materials.*

f. Proposed/Approved Work Plan Modifications

- Received EPA letter providing partial conditional approval and partial disapproval for GE's June 28, 2006 submittal titled *Demolition and Disposition Activities – Buildings 7, 17, 17C, and 19* (March 12, 2007).*

- Received EPA conditional approval letter for GE's February 5, 2007 submittal titled *Evaluation of Need for Additional Soil Investigations and Sampling Proposal – Woodlawn Avenue Area Portion of the East Street Area 2-North Removal Action Area* (March 29, 2007).*

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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 11 Oils Sampling	11-1-11	3/6/07	Oil	SGS	PCB	
Building 11 Oils Sampling	11-1-15	3/6/07	Oil	SGS	PCB	
Building 11 Oils Sampling	11-1-4	3/6/07	Oil	SGS	PCB	
Building 11 Oils Sampling	11-1-8	3/6/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-1	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-10	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-12	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-13	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-14	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-16	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-17	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-18	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-19	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-2	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-20	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-21	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-21	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-22	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-23	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-24	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-25	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-26	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-27	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-28	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-29	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-3	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-30	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-31	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-32	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-33	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-34	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-35	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-36	3/16/07	Oil	SGS	PCB	

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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 11 & 16 Oil Sampling	11-1-37	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-38	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-39	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-40	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-41	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-42	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-43	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-44	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-45	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-46	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-47	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-48	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-49	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-5	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-50	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-51	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-52	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-53	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-54	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-55	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-56	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-57	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-58	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-59	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-6	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-60	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-61	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-62	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-7	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-1-9	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-2-1	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-2-2	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-2-21	3/16/07	Oil	SGS	PCB	

TABLE 3-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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 11 & 16 Oil Sampling	11-2-3	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-2-5	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-1	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-10	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-11	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-12	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-13	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-14	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-15	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-16	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-17	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-18	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-19	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-2	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-20	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-21	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-22	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-23	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-24	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-3	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-4	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-5	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-6	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-7	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-8	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	11-3-9	3/16/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-10	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-8	3/15/07	Oil	SGS	PCB	
Buildings 11 & 16 Oil Sampling	16-1-9	3/15/07	Oil	SGS	PCB	

ITEM 5
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
MARCH 2007

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

a. Activities Undertaken/Completed

- Conducted air monitoring for 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 March 2007 was 29,000 gallons (see Table 5-3).

- Conducted Tier I and Tier II data validation of PCB analytical data for ambient air samples collected from the OPCA air monitors on March 6-7, 2007. The Tier I/II data validation consisted of a review of the data package summary forms for identification of quality assurance/quality control (QA/QC) deviations, as well as qualification of the data, in accordance with Validation Annex F in GE's revised FSP/QAPP and the Region I Data Validation Functional Guidelines referenced therein. This Tier I/II review resulted in qualification of the data from one sample, as shown in Table 5-4. The PCB analytical data from these samples have an overall usability of 100%. The validated data from this and all prior air sampling events in 2007 are provided in Table 5-5.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted, via electronic mail, summary of PCB analytical data for ambient air samples collected from the OPCA air monitors on January 10-11 and February 6-7, 2007, along with analytical data validation summary table of Tier II data validation (March 9, 2007).

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

- Submit final Phase III capping design documents for Hill 78 OPCA (due to EPA on April 15, 2007).

- Demolish remnants of small building east of Building 78.

- Continue monthly submittals of PCB analytical data and Tier II data validation for ambient air samples collected from the OPCA air monitors.

ITEM 5
(cont'd)
PLANT AREA
HILL 78 & BUILDING 71 CONSOLIDATION AREAS
(GECD210/220)
MARCH 2007

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 MARCH 2007

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	Field Blank	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	Northwest of OPCAs	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	West of OPCAs	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	West of OPCAs colocated	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	North of OPCAs	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	Southeast of OPCAs	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	Pittsfield Generating (PGE)	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007
PCB Ambient Air Sampling	Background East of Building 9B	03/06 - 03/07/07	Air	NEA	PCB	3/15/2007

TABLE 5-2
SUMMARY OF 2007 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	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
01/10/07 - 01/11/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
02/06/07 - 02/07/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
03/06/07 - 03/07/07	ND J[1]	ND	ND	ND	ND	ND	ND	Tier I/II
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by Northeast Analytical, Inc.

[1] Sample location NW-030707-012 was qualified due to pre-event sample collection pump flow percent difference (%D) greater than 10% from target flow rate.

ND - Non Detect (<0.0003)

J - Indicates that the associated numerical value is an estimated concentration.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Month / Year	Total Volume of Leachate Transferred (Gallons)
March 2006	70,000
April 2006	104,000
May 2006	137,000
June 2006	139,000
July 2006	111,000
August 2006	121,000
September 2006	110,000
October 2006	78,000
November 2006	47,000
December 2006	42,000
January 2007	36,000
February 2007	18,000
March 2007	29,000

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

TABLE 5-4

ANALYTICAL DATA VALIDATION SUMMARY
AMBIENT AIR DATA FROM HILL 78/BUILDING 71 ON-PLANT CONSOLIDATION AREA (OPCA) MONITORS FOR WHICH DATA VALIDATION WAS PERFORMED IN MARCH 2007

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in micrograms per PUF, ug/PUF)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
EPA TO-4A											
07030023	BLK-030707-100	3/7/2007	Air	Tier II	No						
07030023	NW-030707-012	3/7/2007	Air	Tier II	Yes	Aroclor-1016	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Aroclor-1221	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Aroclor-1232	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Aroclor-1242	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Aroclor-1248	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Aroclor-1254	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Aroclor-1260	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
						Total PCBs	Target Pump Flow Rate %D	12.5%	<10%	ND(0.10) J	
07030023	W-030707-301	3/7/2007	Air	Tier II	No						
07030023	WCO-030707-006	3/7/2007	Air	Tier II	No						
07030023	N-030707-002	3/7/2007	Air	Tier II	No						
07030023	SE-030707-202	3/7/2007	Air	Tier II	No						
07030023	PGE-030707-303	3/7/2007	Air	Tier II	No						
07030023	BK3-030707-001	3/7/2007	Air	Tier II	No						
07030023	FS-030707-013007	3/7/2007	Air	Tier II	No						

BAL = Blank Action Level

TABLE 5-5

SUMMARY OF VALIDATED 2007 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	West of OPCAs	West of OPCAs colocated	North of OPCAs	Southeast of OPCAs	Pittsfield Generating (PGE)	Background Sample Location - East of Building 9B	Data Validated?
01/10/07 - 01/11/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
02/06/07 - 02/07/07	ND	ND	ND	ND	ND	ND	ND	Tier I/II
03/06/07 - 03/07/07	ND J[1]	ND	ND	ND	ND	ND	ND	Tier I/II
Exceedances of Notification Level (0.05 µg/m^3)	None	None	None	None	None	None	None	

Notes:

All sampling activities performed by Berkshire Environmental Consultants, Inc. All analytical activities performed by SGS Environmental Services, Inc. or Northeast Analytical, Inc.
ND - Non Detect (<0.0003)

Qualification Notes:

[1] Sample location NW-030707-012 was qualified due to pre-event sample collection pump flow percent difference (%D) greater than 10% from target flow rate.

ITEM 6
PLANT AREA
HILL 78 AREA - REMAINDER
(GECD160)
MARCH 2007

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted Second Supplemental Data Letter (March 20, 2007).*

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

Initiate supplemental soil sampling following EPA approval of GE's February 16 and February 19, 2007 proposals.*

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)
MARCH 2007

a. Activities Undertaken/Completed

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

- Conducted soil sampling activities in accordance with EPA's conditional approval letter of February 22, 2007 for GE's Pre-Design Investigation Report, as well as GE's November 2, 2005 Addendum to that report (which had been conditionally approved by EPA on March 8, 2006).*

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted a letter to EPA titled *Proposed Schedule for Unkamet Brook Flow Monitoring* (March 20, 2007).

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

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

- Submit results of detailed topographic survey of Unkamet Brook Area.*

- Conduct supplemental soil sampling at Parcels L11-4-11 and L11-4-12 once access permission has been received from owner (see Item 7.e below).*

- Initiate flow monitoring activities in Unkamet Brook.*

- Initiate preparation of Supplement to Pre-Design Investigation Report and Modeling Proposal for Unkamet Brook Watershed (due to EPA by May 23, 2007).*

e. General Progress/Unresolved Issues/Potential Schedule Impacts

GE has requested permission from CSX Transportation, Inc. for access to Parcels L11-4-11 and L11-4-12, which are owned by CSX. Sampling at these parcels cannot be conducted until access permission is granted.*

ITEM 7
(cont'd)
PLANT AREA
UNKAMET BROOK AREA
(GECD170)
MARCH 2007

f. Proposed/Approved Work Plan Modifications

Received EPA approval of GE's March 20, 2007 letter titled *Proposed Schedule for Unkamet Brook Flow Monitoring* (March 26, 2007).*

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Supplemental Pre-Design Investigation	DUP-001 (RAA10-N-U5)	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	DUP-002 (RAA10-N-AA7)	3/8/07	0-1	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	DUP-003 (RAA10-W-Q14)	3/12/07	1-3	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-E-H29.5	3/9/07	0-1	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-E-KK5.5	3/9/07	0-1	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-E-LL6.5	3/9/07	0-1	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-E-LM15.5	3/19/07	0-1	Soil	SGS	PCB	
Supplemental Pre-Design Investigation	RAA10-E-LM15.5	3/19/07	1-3	Soil	SGS	PCB	
Supplemental Pre-Design Investigation	RAA10-E-LM15.5	3/19/07	3-6	Soil	SGS	PCB	
Supplemental Pre-Design Investigation	RAA10-E-MM7.5	3/9/07	0-1	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-E-NO26.5	3/9/07	0-1	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-N-AA10	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-AA19	3/8/07	6-15	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-N-AA5	3/8/07	0-1	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-N-AA6	3/8/07	0-1	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-N-AA7	3/8/07	0-1	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-N-CC18	3/12/07	6-15	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-N-O7	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-Q7	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-S7	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-U4	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-U5	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-U6	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-W3	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-W7	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-Y3	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-N-Y7	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-F20	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-F6.5	3/6/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-OP15	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-P14.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-P15.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-PQ14	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-PQ14.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07

TABLE 7-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

UNKAMET BROOK AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Supplemental Pre-Design Investigation	RAA10-W-PQ15	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-PQ15.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-PQ16	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-Q14	3/12/07	1-3	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-W-Q14	3/12/07	3-6	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-W-Q14	3/12/07	6-15	Soil	SGS	PCB	3/30/07
Supplemental Pre-Design Investigation	RAA10-W-Q14.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-Q15	3/12/07	1-3	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-W-Q15	3/12/07	3-6	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-W-Q15	3/12/07	6-15	Soil	SGS	PCB	3/30/07
Supplemental Pre-Design Investigation	RAA10-W-Q15.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-Q16	3/12/07	1-3	Soil	SGS	PCB	3/27/07
Supplemental Pre-Design Investigation	RAA10-W-Q16	3/12/07	3-6	Soil	SGS	PCB	3/29/07
Supplemental Pre-Design Investigation	RAA10-W-Q16	3/12/07	6-15	Soil	SGS	PCB	3/30/07
Supplemental Pre-Design Investigation	RAA10-W-QR14.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-QR15	3/7/07	0-1	Soil	SGS	PCB	3/26/07
Supplemental Pre-Design Investigation	RAA10-W-QR15.5	3/7/07	0-1	Soil	SGS	PCB	3/26/07

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

TABLE 7-2
PCB DATA RECEIVED DURING MARCH 2007

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

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
RAA10-E-H29.5	0-1	3/9/2007	ND(0.052)	0.023 J	0.033 J	0.056 J
RAA10-E-KK5.5	0-1	3/9/2007	ND(0.34)	2.7	1.2	3.9
RAA10-E-LL6.5	0-1	3/9/2007	ND(0.032)	0.015 J	0.038	0.053
RAA10-E-MM7.5	0-1	3/9/2007	ND(0.31)	1.0	1.8	2.8
RAA10-E-NO26.5	0-1	3/9/2007	ND(0.070)	ND(0.070)	ND(0.070)	ND(0.070)
RAA10-N-AA5	0-1	3/8/2007	ND(0.032)	ND(0.032)	ND(0.032)	ND(0.032)
RAA10-N-AA6	0-1	3/8/2007	ND(0.032)	0.063	0.12	0.183
RAA10-N-AA7	0-1	3/8/2007	ND(0.030) [ND(0.032)]	ND(0.030) [ND(0.032)]	ND(0.030) [0.025 J]	ND(0.030) [0.025 J]
RAA10-N-AA10	0-1	3/6/2007	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
RAA10-N-AA19	6-15	3/8/2007	ND(62)	250	710	960
RAA10-N-CC18	6-15	3/12/2007	ND(4100)	28000	ND(4100)	28000
RAA10-N-O7	0-1	3/6/2007	ND(0.058)	ND(0.058)	0.028 J	0.028 J
RAA10-N-Q7	0-1	3/6/2007	ND(0.067)	ND(0.067)	ND(0.067)	ND(0.067)
RAA10-N-S7	0-1	3/7/2007	ND(0.071)	ND(0.071)	0.12	0.12
RAA10-N-U4	0-1	3/6/2007	ND(0.047)	0.053	0.12	0.173
RAA10-N-U5	0-1	3/6/2007	ND(0.052) [ND(0.050)]	0.048 J [ND(0.050)]	0.051 J [ND(0.050)]	0.099 J [ND(0.050)]
RAA10-N-U6	0-1	3/6/2007	ND(0.048)	0.17	0.14	0.31
RAA10-N-W3	0-1	3/6/2007	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-N-W7	0-1	3/6/2007	ND(0.079)	0.074 J	0.076 J	0.15 J
RAA10-N-Y3	0-1	3/6/2007	ND(0.044)	ND(0.044)	ND(0.044)	ND(0.044)
RAA10-N-Y7	0-1	3/6/2007	ND(0.046)	0.077	0.092	0.169
RAA10-W-F6.5	0-1	3/6/2007	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
RAA10-W-F20	0-1	3/6/2007	ND(0.033)	ND(0.033)	ND(0.033)	ND(0.033)
RAA10-W-OP15	0-1	3/7/2007	ND(0.037)	ND(0.037)	0.073	0.073
RAA10-W-P14.5	0-1	3/7/2007	ND(0.048)	ND(0.048)	0.039 J	0.039 J
RAA10-W-P15.5	0-1	3/7/2007	ND(0.039)	ND(0.039)	0.037 J	0.037 J
RAA10-W-PQ14	0-1	3/7/2007	ND(0.040)	ND(0.040)	0.056	0.056
RAA10-W-PQ14.5	0-1	3/7/2007	ND(0.044)	ND(0.044)	0.045	0.045
RAA10-W-PQ15	0-1	3/7/2007	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
RAA10-W-PQ15.5	0-1	3/7/2007	ND(0.040)	ND(0.040)	0.048	0.048
RAA10-W-PQ16	0-1	3/7/2007	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
RAA10-W-Q14	1-3	3/12/2007	ND(3.5) [ND(3.6)]	5.0 [6.5]	ND(3.5) [ND(3.6)]	5.0 [6.5]
	3-6	3/12/2007	ND(0.34)	2.4	ND(0.34)	2.4
	6-15	3/12/2007	ND(0.35)	2.4	ND(0.35)	2.4
RAA10-W-Q14.5	0-1	3/7/2007	ND(0.044)	0.034 J	0.11	0.144
RAA10-W-Q15	1-3	3/12/2007	ND(0.035)	0.37	ND(0.035)	0.37
	3-6	3/12/2007	ND(0.35)	2.1	ND(0.35)	2.1
	6-15	3/12/2007	ND(0.34)	1.5	ND(0.34)	1.5
RAA10-W-Q15.5	0-1	3/7/2007	ND(0.049)	0.076	0.22	0.296
RAA10-W-Q16	1-3	3/12/2007	ND(0.037)	0.20	ND(0.037)	0.20
	3-6	3/12/2007	ND(0.33)	0.82	ND(0.33)	0.82
	6-15	3/12/2007	ND(0.34)	1.2	ND(0.34)	1.2
RAA10-W-QR14.5	0-1	3/7/2007	ND(0.044)	0.087	0.27	0.357
RAA10-W-QR15	0-1	3/7/2007	ND(0.042)	ND(0.042)	0.047	0.047
RAA10-W-QR15.5	0-1	3/7/2007	ND(0.041)	ND(0.041)	0.017 J	0.017 J

Notes:
1. Samples were collected by ARCADIS BBL, 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. Field duplicate sample results are presented in brackets.

Data Qualifiers:

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

ITEM 8
FORMER OXBOW AREAS A & C
(GECD410)
MARCH 2007

*** 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)

- Send Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented (following EPA review of drafts).

- Conduct semi-annual inspection of backfilled/restored areas (anticipated in May 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 9
LYMAN STREET AREA
(GECD430)
MARCH 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted the Supplemental Information Package for area east of Lyman Street (March 30, 2007).

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

- Sample proposed backfill sources for the performance of remediation activities at the properties east of Lyman Street.
- Prepare for performance of remediation activities at properties east of Lyman Street (following EPA approval of Supplemental Information Plan).
- Send Conditional Solution notification letters to owners of properties west of Lyman Street (following EPA review of drafts).
- Conduct semi-annual inspection of backfilled/restored areas west of Lyman Street (anticipated in May 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 9-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

LYMAN STREET AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Soil Sampling	WC-1	2/26/07	Soil	SGS	TCLP	3/26/07
Soil Sampling	WC-2	2/26/07	Soil	SGS	TCLP	3/26/07
Soil Sampling	WC-3	2/26/07	Soil	SGS	TCLP	3/26/07

TABLE 9-2
TCLP DATA RECEIVED DURING MARCH 2006

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

Parameter / Sample ID: / Date Collected:	TCLP Regulatory Limits	WC-1 2/26/2007	WC-2 2/26/2007	WC-3 2/26/2007
Volatile Organics				
1,1-Dichloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)
1,2-Dichloroethane	0.5	ND(0.010)	ND(0.010)	ND(0.010)
2-Butanone	200	ND(0.25)	ND(0.25)	ND(0.25)
Benzene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Chlorobenzene	100	ND(0.010)	ND(0.010)	ND(0.010)
Chloroform	6	ND(0.010)	ND(0.010)	ND(0.010)
Tetrachloroethene	0.7	ND(0.010)	ND(0.010)	ND(0.010)
Trichloroethene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Vinyl Chloride	0.2	ND(0.010)	ND(0.010)	ND(0.010)
Semivolatile Organics				
1,4-Dichlorobenzene	7.5	ND(0.010)	ND(0.010)	ND(0.010)
2,4,5-Trichlorophenol	400	ND(0.010)	ND(0.010)	ND(0.010)
2,4,6-Trichlorophenol	2	ND(0.010)	ND(0.010)	ND(0.010)
2,4-Dinitrotoluene	0.13	ND(0.010)	ND(0.010)	ND(0.010)
Cresol	200	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobenzene	0.13	ND(0.010)	ND(0.010)	ND(0.010)
Hexachlorobutadiene	0.5	ND(0.010)	ND(0.010)	ND(0.010)
Hexachloroethane	3	ND(0.010)	ND(0.010)	ND(0.010)
Nitrobenzene	2	ND(0.010)	ND(0.010)	ND(0.010)
Pentachlorophenol	100	ND(0.050)	ND(0.050)	ND(0.050)
Pyridine	5	ND(0.010)	ND(0.010)	ND(0.010)
Organochlorine Pesticides				
Endrin	0.02	ND(0.0020)	ND(0.0020)	ND(0.0020)
Gamma-BHC (Lindane)	0.4	ND(0.040)	ND(0.040)	ND(0.040)
Heptachlor	0.008	ND(0.0040)	ND(0.0040)	ND(0.0040)
Heptachlor Epoxide	0.008	ND(0.0040)	ND(0.0040)	ND(0.0040)
Methoxychlor	10	ND(0.10)	ND(0.10)	ND(0.10)
Technical Chlordane	0.03	ND(0.0030)	ND(0.0030)	ND(0.0030)
Toxaphene	0.5	ND(0.050)	ND(0.050)	ND(0.050)
Herbicides				
2,4,5-TP	1	ND(0.10)	ND(0.10)	ND(0.10)
2,4-D	10	ND(0.40)	ND(0.40)	ND(0.40)
Inorganics				
Arsenic	5	ND(0.200)	ND(0.200)	ND(0.200)
Barium	100	0.193 B	0.317 B	0.286 B
Cadmium	1	ND(0.100)	ND(0.100)	ND(0.100)
Chromium	5	0.0542 B	0.0621 B	0.0482 B
Lead	5	ND(0.100)	0.134	1.78
Mercury	0.2	0.000173 B	0.000172 B	0.000195 B
Selenium	1	ND(0.200)	ND(0.200)	ND(0.200)
Silver	5	ND(0.100)	ND(0.100)	ND(0.100)

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of TCLP constituents.
2. 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 the practical quantitation limit (PQL).

ITEM 10
NEWELL STREET AREA I
(GECD440)
MARCH 2007

*** 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)

- Submit draft Final Completion Report to EPA.
- Conduct semi-annual inspection of engineered barriers (anticipated in May 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

Revised drafts of EREs for GE-owned properties are under review by EPA and MDEP.

f. Proposed/Approved Work Plan Modifications

None

ITEM 11
NEWELL STREET AREA II
(GECD450)
MARCH 2007

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

a. Activities Undertaken/Completed

Re-started shipments of soil excavated from Parcel J9-23-8 to the Port Arthur disposal facility.

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

- Send Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented (following EPA review of drafts).
- Continue shipments of soil excavated from Parcel J9-23-8 to the Port Arthur disposal facility.
- Continue preparation of draft Final Completion Report.
- Conduct semi-annual inspection of engineered barriers and backfilled/restored areas (anticipated in May 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

None

ITEM 12
FORMER OXBOW AREAS J & K
(GECD420)
MARCH 2007

*** 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)

- Send Conditional Solution notification letters to owners of properties where Conditional Solutions have been implemented (following EPA review of drafts).

- Conduct semi-annual inspection of backfilled/restored areas (anticipated in May 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

ITEM 13
HOUSATONIC RIVER AREA
UPPER ½ MILE REACH
(GECD800)
MARCH 2007

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

a. Activities Undertaken/Completed

On March 28, 2007, BBL (on GE's behalf) performed the required annual high-flow sampling for the Upper ½ Mile Reach of the river. Sampling was conducted at two locations: (1) Lyman Street Bridge (Location 4), situated just downstream of the ½ Mile Reach; and (2) Newell Street Bridge (Location 2), situated just upstream of the ½ Mile Reach. Composite grab samples were collected for analysis of PCBs (total and unfiltered) and TSS, as identified in Table 13-1.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

Submitted report presenting results of seepage meter study and evaluation of total organic carbon (TOC) content in isolation layer and effectiveness of isolation layer (March 14, 2007).

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

- Submit Revised 2006 Restored Bank Erosion Inspection Report.
- Submit 2006 Annual Monitoring Report on Upper ½ Mile Reach.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

As noted above, GE submitted a report evaluating the TOC content and effectiveness of the isolation layer on March 14, 2007. The Final Completion Report for Upper ½ Mile Reach Removal Action will be submitted following EPA review and approval of that report.

f. Proposed/Approved Work Plan Modifications

None

TABLE 13-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

HOUSATONIC RIVER - UPPER 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
High Flow Sampling	Location-2	3/28/07	Water	NEA	PCB, PCB(f), TSS	
High Flow Sampling	Location-4	3/28/07	Water	NEA	PCB, PCB(f), TSS	

ITEM 14
HOUSATONIC RIVER AREA
1½ MILE REACH
(GECD820)
MARCH 2007

(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 GE's behalf, BBL performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville, MA and Great Barrington, MA on March 20, 2007. 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), total suspended solids (TSS), POC, and chlorophyll-a, as identified in Table 14-1. (The other seven 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 MARCH 2007

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	2/28/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-4	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-6A	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-6A	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	

TABLE 14-2
SAMPLE DATA RECEIVED DURING MARCH 2007

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-4	Lyman Street Bridge	02/28/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.48	3.00	0.00074
LOCATION-6A	Pomeroy Ave. Bridge	02/27/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.57	3.73	0.0012

Notes:

1. Samples were collected by ARCADIS BBL, 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)
MARCH 2007

a. Activities Undertaken/Completed

- On GE's behalf, BBL performed a round of water column monitoring at nine locations along the Housatonic River between Coltsville and Great Barrington, MA, on March 20, 2007. 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 six locations, two are located upstream of the 1½ Mile Reach: Hubbard Avenue Bridge (Location 1) and Newell Street Bridge (Location 2). The four remaining locations are situated in the Rest of the River: Holmes Road Bridge (Location 7); New Lenox Road Bridge (Location 9); Schweitzer Bridge (Location 12); and Division Street Bridge (Location 13). Sampling activities were performed at these locations on March 20, 2007 from downstream to upstream. Sampling was not performed at Woods Pond Headwaters (Location 10) due to unsafe snow conditions. Composite grab samples were collected at each location sampled and submitted to Northeast Analytical for analysis of PCBs (total), TSS, POC, and chlorophyll-a, as identified in Table 15-1.

- Attended CCC meetings on March 6 and 7, 2007, and made presentations regarding Corrective Measures Study (CMS) Proposal.*

- Continued work on installation of replacement gate at Rising Pond Dam.*

b. Sampling/Test Results

See attached tables.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue Housatonic River monthly water column monitoring

- Complete replacement gate installation, final testing, and site restoration at Rising Pond Dam.*

- Submit to EPA the Model Input Addendum to CMS Proposal (by April 16, 2007).*

- Receive EPA comments on CMS Proposal.*

ITEM 15
(cont'd)
HOUSATONIC RIVER AREA
REST OF THE RIVER
(GECD850)
MARCH 2007

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

- Submit revised code for EPA's PCB fate, transport, and bioaccumulation model, for use in CMS (within 30 days of EPA approval of CMS Proposal).*

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 MARCH 2007

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
Monthly Water Column Sampling	HR-D1 (Location-12)	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	HR-D1 (Location-12)	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-1	2/28/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-10	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-12	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-12	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-13	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-13	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-2	2/28/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-2	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-7	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07
Monthly Water Column Sampling	Location-7	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	3/20/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	
Monthly Water Column Sampling	Location-9	2/27/07	Water	NEA	PCB, TSS, POC, Chlorophyll-A	3/15/07

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

TABLE 15-2
SAMPLE DATA RECEIVED DURING MARCH 2007

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

Sample ID	Location	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor 1254	Aroclor 1260	Total PCBs	POC	TSS	Chlorophyll (a)
LOCATION-1	Hubbard Avenue Bridge	02/28/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.42	3.10	0.00028
LOCATION-2	Newell Street Bridge	02/28/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.62	3.33	0.00064
LOCATION-7	Holmes Road Bridge	02/27/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.40	9.00	0.0023
LOCATION-9	New Lenox Road Bridge	02/27/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.56	3.80	0.0017
LOCATION-10	Headwaters of Woods Pond	02/27/07	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.34	3.00	0.0011
LOCATION-12	Schweitzer Bridge	02/27/07 02/27/07	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	ND(0.0000220) [ND(0.0000220)]	0.31 [0.37]	2.40 [2.00]	0.0015 [0.0019]
LOCATION-13	Division Street Bridge	02/27/07	ND(0.0000220)	0.0000240 AF	0.0000340 AG	0.0000580	0.19	1.70	0.0012

Notes:

1. Samples were collected by ARCADIS BBL, 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.
4. 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.

ITEMS 16 & 17
HOUSATONIC RIVER FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO 1½-MILE REACH (GECD710 AND GECD720)
MARCH 2007

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

a. Activities Undertaken/Completed

None

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

Submitted to EPA a document titled *Revised Supplemental Soil Evaluation Report and Removal Design/Removal Action Work Plan Addendum for Selected Phase 2 Floodplain Properties Adjacent to the 1½ Mile Reach of Housatonic River* (Revised Phase 2 RD/RA Work Plan Addendum) (March 28, 2007).

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

- Following EPA approval of Revised Phase 2 RD/RA Work Plan Addendum, select Remediation Contractor for remediation work at Phase 2 floodplain properties.

- Conduct semi-annual inspection of backfilled/restored areas at Phase 3 and Phase 4 floodplain properties (anticipated in May 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

None

f. Proposed/Approved Work Plan Modifications

Received conditional approval letter from EPA for GE's December 2006 submittal titled *Supplemental Soil Evaluation Report and Removal Design/Removal Action Work Plan Addendum for Selected Phase 2 Floodplain Properties Adjacent to the 1½ Mile Reach of Housatonic River*, requiring revision and resubmittal of that document (March 8, 2007).

ITEM 18
HOUSATONIC RIVER FLOODPLAIN
CURRENT RESIDENTIAL PROPERTIES
DOWNSTREAM OF CONFLUENCE
(ACTUAL/POTENTIAL LAWNS)
(GECD730)
MARCH 2007

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)
MARCH 2007

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)

Continue to receive results from outdoor air monitoring conducted by EPA.

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)
MARCH 2007

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

a. Activities Undertaken/Completed

- Collected monthly water column sample from the Silver Lake Outfall on March 20, 2007.

- Performed additional soil sampling as required by EPA's January 5, 2007 conditional approval of GE's September 8, 2006 Fourth Interim Pre-Design Investigation Report for Soils Adjacent to Silver Lake and the November 14, 2006 Addendum thereto (March 14-16, 2007).

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted letter report on bank soil removal associated with Pilot Study of sediment capping (March 19, 2007).

d. Upcoming Scheduled Activities (next six weeks)

- Submit preliminary analytical soil data to EPA from locations sampled in March (discussed above), with a proposal for additional analysis/release of held samples.

- Prepare and submit Conceptual RD/RA Work Plan for soils adjacent to Silver Lake.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Additional PDI Soil Sampling	DUP-001 (I9-9-17-SB-2-S)	3/14/07	3-5	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	DUP-002 (I9-10-11-SB-16-SW)	3/15/07	0-1	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-11-SB-16-NW	3/15/07	0-1	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-11-SB-16-NW	3/15/07	1-3	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-11-SB-16-NW	3/15/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-NW	3/15/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-NW-1	3/15/07	0-1	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-NW-1	3/15/07	1-3	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-NW-1	3/15/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-NW-1	3/15/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-SW	3/15/07	0-1	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-11-SB-16-SW	3/15/07	1-3	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-11-SB-16-SW	3/15/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-16-SW	3/15/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-SW-1	3/14/07	0-1	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-SW-1	3/14/07	1-3	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-SW-1	3/14/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-11-SB-SW-1	3/14/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-8-SB-16	3/14/07	3-5	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-8-SB-16	3/14/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-8-SB-16-N	3/14/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-8-SB-16-N	3/14/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-8-SB-16-S	3/14/07	3-5	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-10-8-SB-16-S	3/14/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-8-SB-16-SS	3/14/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-10-8-SB-16-SS	3/14/07	5-7	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-9-17-SB-2-S	3/14/07	3-5	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-9-17-SB-2-SSE	3/14/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-9-17-SB-2-SSW	3/14/07	3-5	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-9-24-SB-2-SES-1	3/15/07	9-11	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-9-24-SB-2-SES-2	3/15/07	9-11	Soil	SGS	TAL Metals	3/22/07
Additional PDI Soil Sampling	I9-9-24-SB-2-SES-3	3/15/07	9-11	Soil	SGS	TAL Metals	On Hold
Additional PDI Soil Sampling	I9-9-24-SB-2-SES-4	3/15/07	9-11	Soil	SGS	TAL Metals	On Hold

TABLE 20-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS

Project Name	Field Sample ID	Sample Date	Depth (feet)	Matrix	Laboratory	Analyses	Date Received by GE or BBL
Monthly Water Column Sampling	Location-4A	2/28/07	NA	Water	NEA	PCB, TSS	3/8/07
Monthly Water Column Sampling	Location-4A	3/20/07	NA	Water	NEA	PCB, TSS	3/28/07

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

TABLE 20-2
SAMPLE DATA RECEIVED DURING MARCH 2007

MONTHLY WATER COLUMN SAMPLING
SILVER LAKE AREA
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample ID	Location	Date Collected	Aroclor-1016, -1232, -1248	Aroclor 1221	Aroclor 1242	Aroclor 1254	Aroclor 1260	Total PCBs	TSS
LOCATION-4A	Silver Lake Outlet	2/28/2007	ND(0.0000220)	0.0000870 PB	0.0000360 PD	ND(0.0000220)	ND(0.0000220)	0.000123	2.00
LOCATION-4A	Silver Lake Outlet	3/20/2007	ND(0.0000220)	0.0000440 PB	ND(0.0000220)	ND(0.0000220)	ND(0.0000220)	0.0000440	5.10

Notes:

1. Samples were collected by ARCADIS BBL, and submitted to Northeast Analytical, Inc. for analysis of unfiltered PCBs and total suspended solids (TSS).
2. Sampling methods involved the collection of a single grab 50 percent of the total river width, and 50 percent of the total river depth.
3. ND - Analyte was not detected. The number in parenthesis is the associated detection limit.

Data Qualifiers:

PB - Aroclor 1221 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1221 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

PD - Aroclor 1242 is being used to report an altered PCB pattern exhibited by the sample. Actual Aroclor 1242 is not present in the sample, but is reported to more accurately quantify PCBs present in a sample that has undergone environmental alteration.

TABLE 20-3
DATA RECEIVED DURING MARCH 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-9-17-SB-2-S 3-5 03/14/07	I9-9-24-SB-2-SES-1 9-11 03/15/07	I9-9-24-SB-2-SES-2 9-11 03/15/07
Inorganics				
Aluminum		12500 [13300]	11000	8240
Antimony		1.45 B [1.32 B]	84.6	2.44 B
Arsenic		12.6 [12.7]	21.7	7.52 B
Barium		96.5 [78.9]	149	486
Beryllium		1.41 [ND(1.12)]	1.20 B	1.05 B
Cadmium		0.406 B [0.287 B]	0.973 B	0.788 B
Calcium		15600 [31900]	16100	5490
Chromium		15.9 [13.9]	36.2	16.6
Cobalt		11.4 [11.6]	12.5	7.45
Copper		71.8 [49.8]	87.5	92.9
Iron		27500 [29400]	66400	18800
Lead		198 [148]	203	875
Magnesium		9690 [13100]	1820	2710
Manganese		501 [765]	737	221
Mercury		0.271 [0.129]	0.248	0.140
Nickel		22.5 [21.3]	36.9	17.1
Potassium		987 [761]	755	799
Selenium		ND(2.14) [0.669 B]	1.40 B	2.26 B
Silver		0.395 B [0.354 B]	0.498 B	0.774 B
Sodium		2970 [2070]	589	348
Thallium		ND(1.07) [ND(1.12)]	ND(1.64)	ND(1.25)
Vanadium		18.0 [14.9]	24.9	17.9
Zinc		217 [163]	1000	601

TABLE 20-3
DATA RECEIVED DURING MARCH 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-10-8-SB-16 3-5 03/14/07	I9-10-8-SB-16-S 3-5 03/14/07	I9-10-11-SB-16-NW 0-1 03/15/07
Inorganics				
Aluminum		7980	15900	11500
Antimony		1.78 B	13.3	1.20 B
Arsenic		19.8	27.6	7.26 B
Barium		235	635	73.9
Beryllium		1.25 B	2.57	0.0432 B
Cadmium		1.75	2.81	0.440 B
Calcium		3560	20300	3630
Chromium		18.6	52.9	24.0
Cobalt		9.36	46.2	9.10
Copper		79.4	265	32.5
Iron		15200	68700	23300
Lead		337	2270	108
Magnesium		1580	10300	4980
Manganese		683	1800	412
Mercury		0.205	0.557	0.245
Nickel		19.0	48.5	16.4
Potassium		1010	1170	512
Selenium		2.68	2.34 B	1.38 B
Silver		1.12 B	1.12 B	0.668 B
Sodium		239	252	35.8
Thallium		ND(1.32)	ND(1.47)	ND(1.14)
Vanadium		19.7	28.6	15.4
Zinc		501	1410	148

TABLE 20-3
DATA RECEIVED DURING MARCH 2007

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

Parameter	Sample ID: / Sample Depth(Feet): / Date Collected:	I9-10-11-SB-16-NW 1-3 03/15/07	I9-10-11-SB-16-SW 0-1 03/15/07	I9-10-11-SB-16-SW 1-3 03/15/07
Inorganics				
Aluminum		16500	12000 [10300]	14600
Antimony		2.12 B	0.746 B [0.575 B]	1.26 B
Arsenic		26.4	4.99 B [5.32 B]	17.5
Barium		140	35.3 [35.0]	134
Beryllium		0.0421 B	0.465 B [0.271 B]	0.911 B
Cadmium		0.796 B	0.354 B [0.252 B]	0.565 B
Calcium		6120	70700 [101000]	11700
Chromium		21.9	12.1 [9.29]	18.0
Cobalt		13.8	8.97 [8.69]	12.3
Copper		199	19.2 [17.7]	96.2
Iron		39300	29200 [24800]	31700
Lead		330	27.7 [27.2]	309
Magnesium		4580	47700 [62100]	9550
Manganese		1200	596 [649]	796
Mercury		0.116	0.0444 [0.0471]	0.175
Nickel		23.5	17.7 [15.0]	21.9
Potassium		797	871 [795]	541
Selenium		0.869 B	ND(2.29) [ND(2.29)]	ND(2.29)
Silver		0.552 B	0.238 B [0.162 B]	0.770 B
Sodium		165	45.4 [47.4]	74.3
Thallium		1.28	ND(1.14) [ND(1.15)]	ND(1.15)
Vanadium		22.1	12.0 [10.9]	18.7
Zinc		325	77.0 [78.7]	267

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

Data Qualifiers:

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

ITEM 21
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2007

*** 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. Approximately 0.6 gallon of LNAPL was recovered from the North Caisson in March. Approximately 1.6 gallons of LNAPL were recovered from the South Side Caisson in March.

- Continued routine well monitoring and manual NAPL removal activities. No LNAPL was removed from this area during March.

East Street Area 2-South:

- Continued automated groundwater and LNAPL removal activities. A total of approximately 4,091,295 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 433 gallons of LNAPL were removed from pumping systems 64R, 64V, GMA1-17W, RW-1(S), RW-1(X), 64X, and 64S Caisson.

- Continued automated DNAPL removal activities. Approximately 30 gallons of DNAPL were removed from pumping system RW-3(X) during March.

- Continued routine well monitoring and manual NAPL removal activities. Approximately 3.054 liters (0.806 gallons) of LNAPL were removed from wells in this area during March. No DNAPL was removed from wells in this area during March.

- Treated/discharged 4,026,903 gallons of water through 64G Groundwater Treatment Facility.

- Continued detailed design of new recovery system and water conveyance pipeline in former scrapyard portion of East Street Area 2-South (see Item 21.e below).

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2007

a. Activities Undertaken/Completed (cont'd)

East Street Area 2-North:

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

20s, 30s, and 40s Complexes:

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

Lyman Street Area:

- Continued automated groundwater and NAPL removal activities. A total of approximately 205,590 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 March.

- Continued routine well monitoring and NAPL removal activities. No LNAPL was removed from wells in this area during March. Approximately 0.975 liter (0.257 gallon) of DNAPL was removed from wells in this area during March.

Newell Street Area II:

- Continued automated DNAPL removal activities. A total of approximately 94.8 gallons of DNAPL was removed by System 2 in March.

- Continued routine well monitoring and NAPL removal activities including quarterly monitoring of select water table wells. No LNAPL was recovered from this area during March. No DNAPL was recovered from this area during March.

Silver Lake Area:

Continued routine monitoring of lake level.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2007

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 groundwater and NAPL monitoring/recovery activities.
- Repair or replace wells that were damaged during Newell Street Area II Removal Action.
- Conduct semi-annual NAPL bailing round and monitoring event.
- Conduct supplemental sampling for PCBs at wells LSSC-08S and LSSC-18.
- Decommission Lyman Street well RW-1, following EPA approval of the methods proposed in GE's NAPL Monitoring Report for Fall 2006.
- Conduct semi-annual riverbank inspection.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

- The replacement for monitoring well O-R was not installed following decommissioning of that well in December 2006, as the proposed location was not accessible to the drill rig. No suitable alternate locations could be identified where a well could be installed at this time, due to future changes in the ground surface that are proposed for this area. Following discussions among representatives of GE, EPA, and PEDA, it was decided that the well would be installed in 2007 following construction/re-grading activities in this area. At that time, GE will also extend or cut certain existing wells to fit the final grade, as discussed in GE's May 22, 2006 proposal.

ITEM 21
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 1 (GMA 1)
(GECD310)
MARCH 2007

e. General Progress/Unresolved Issues/Potential Schedule Impacts (cont'd)

- Installation of new recovery system in former scrapyard portion of East Street Area 2-South will include re-design of existing piping system to 64G treatment system. Because of this, well installation and the start of recovery operation are anticipated to occur in Spring/Summer 2007.

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval letter for *Plant Site 1 Groundwater Management Area Supplemental Groundwater Quality Monitoring Report for Fall 2006* (March 29, 2007).

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Caisson	Month	Vol. LNAPL Collected (gallon)	Vol. Water Recovered (gallon)	Percent Downtime
Northside	March 2006	5.0	26,800	0.71
	April 2006	0.0	17,500	
	May 2006	0.0	20,500	
	June 2006	0.0	51,700	
	July 2006	0.0	18,500	
	August 2006	0.0	21,700	
	September 2006	0.0	13,000	0.89
	October 2006	0.0	17,000	
	November 2006	1.1	26,700	
	December 2006	0.0	13,700	
	January 2007	0.0	24,800	
	February 2007	0.0	16,000	
	March 2007	0.6	10,400	23.33
Southside	March 2006	3.0	121,500	0.71
	April 2006	12.0	76,200	
	May 2006	12.0	73,500	
	June 2006	0.0	160,900	
	July 2006	0.0	58,900	
	August 2006	0.0	84,900	
	September 2006	25.0	59,400	0.89
	October 2006	1.0	55,800	
	November 2006	1.1	92,200	
	December 2006	0.6	64,400	
	January 2007	0.0	87,400	
	February 2007	0.4	57,700	
	March 2007	1.6	50,700	6.67

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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	3/8/2007	18.20	18.19	0.01	---	19.80	0.00	979.65
North Caisson	997.84	3/13/2007	18.26	18.25	0.01	---	19.80	0.00	979.59
North Caisson	997.84	3/22/2007	17.70	17.69	0.01	---	19.80	0.00	980.15
North Caisson	997.84	3/30/2007	14.10	P	< 0.01	---	19.80	0.00	983.74
GMA 1 - East Street Area 1 - South									
31R	1,000.23	3/27/2007	9.00	---	0.00	---	15.00	0.00	991.23
33	999.50	3/27/2007	Buried Under Snow Pile			---	---	0.00	NA
72R	1000.92	3/27/2007	5.53	---	0.00	---	13.30	0.00	995.39
South Caisson	1001.11	3/8/2007	14.56	14.55	0.01	---	15.00	0.00	986.56
South Caisson	1001.11	3/13/2007	14.66	14.65	0.01	---	15.00	0.00	986.46
South Caisson	1001.11	3/22/2007	7.55	7.54	0.01	---	15.00	0.00	993.57
South Caisson	1001.11	3/30/2007	7.85	P	< 0.01	---	15.00	0.00	993.26

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 NAPL is present at a thickness < 0.01 feet, the corresponding thickness is recorded as such.
5. During the last week of the March sampling round (week of 3/26), the North Caisson pump was out of service due to a pump/control failure.
6. During the third week of the March sampling round (week of 3/19), the South Caisson depression pump was out of service due to a control system failure. During the week of 3/26, the pump was unable to depress at the current groundwater table level.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
March 2007

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
17W	October 2006	21		
	November 2006	24		
	December 2006	13		
	January 2007	8		
	February 2007	6		
	March 2007	6		
64R	March 2006	150	170,611	0.71
	April 2006	75	375,609	
	May 2006	75	435,398	
	June 2006	550	720,359	
	July 2006	250	345,697	
	August 2006	25	38,948	
	September 2006	75	4,627	0.89
	October 2006	0	16,844	0.15
	November 2006	13	211,062	
	December 2006	19	85,911	
	January 2007	50	225,994	
	February 2007	6	56,097	
	March 2007	6	110,548	
64S System	March 2006	1,285	1,078,733	2.14
	April 2006	558	696,282	5.36
	May 2006	51	668,110	1.79
	June 2006	327	1,061,071	0.93
	July 2006	472	732,853	3.40
	August 2006	238	646,128	
	September 2006	188	393,032	0.89
	October 2006	82	400,898	0.30
	November 2006	75	682,641	3.37
	December 2006	209	638,261	
	January 2007	361	856,752	2.46
	February 2007	326	584,460	10.71
	March 2007	77	699,541	
64V [1]	March 2006	315	1,251,800	0.71
	April 2006	249	901,800	
	May 2006	431	911,700	
	June 2006	697	1,228,300	
	July 2006	548	885,300	
	August 2006	548	1,016,400	
	September 2006	332	794,600	0.89
	October 2006	432	825,400	0.15
	November 2006	855	1,181,500	
	December 2006	493	1,017,800	
	January 2007	597	1,131,400	
	February 2007	266	831,700	
	March 2007	299	981,000	

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
March 2007

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
64X	March 2006	1	504,000	0.71
	April 2006	1	403,200	
	May 2006	83	403,200	
	June 2006	14	518,400	
	July 2006	28	388,800	
	August 2006	127	504,000	
	September 2006	24	403,200	0.89
	October 2006	68	403,200	0.15
	November 2006	14	489,600	
	December 2006	15	446,400	
	January 2007	25	475,200	
	February 2007	3	403,200	
	March 2007	23	432,000	
RW-2(X)	March 2006	0	1,081,726	0.71
	April 2006	10	408,494	
	May 2006	0	652,543	
	June 2006	0	1,463,805	
	July 2006	0	1,076,551	
	August 2006	0	1,146,830	
	September 2006	1	546,233	0.89
	October 2006	0	574,780	0.15
	November 2006	0	742,383	
	December 2006	0	681,784	
	January 2007	0	741,727	
	February 2007	0	613,664	
	March 2007	0	661,630	
RW-1(S) [2]	March 2006	40	1,049,702	0.71
	April 2006	57	736,984	
	May 2006	77	744,621	
	June 2006	59	935,039	4.63
	July 2006	28	722,887	
	August 2006	17	741,315	
	September 2006	12	554,826	0.89
	October 2006	31	583,596	0.00
	November 2006	85	877,320	5.88
	December 2006	43	706,488	
	January 2007	24	814,809	
	February 2007	22	129,672	
	March 2007	22	749,862	
RW-1(X)	March 2006	0	119,720	0.71
	April 2006	0	403,940	
	May 2006	0	385,828	
	June 2006	0	561,633	
	July 2006	0	369,041	7.41
	August 2006	0	471,215	
	September 2006	1	374,761	0.89
	October 2006	0	397,949	0.15
	November 2006	2	545,763	
	December 2006	0	435,048	
	January 2007	0	531,367	
	February 2007	0	385,165	
	March 2007	0	456,714	

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD MASSACHUSETTS
March 2007

Recovery System Location	Month	Oil Collected (gallon)	Water Recovered (gallon)	Percent Downtime
RW-3(X)	March 2006	36		
	April 2006	29		
	May 2006	29		
	June 2006	42		
	July 2006	28		
	August 2006	37		
	September 2006	26		
	October 2006	22		
	November 2006	32		5.88
	December 2006	18		
	January 2007	60		6.06
	February 2007	32		10.71
	March 2007	30		

Summary of Total Automated Removal		
Water:	**4,091,295**	**Gallons**
LNAPL:	**#REF!**	**Gallons**
DNAPL:	**30**	**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 2007.
3. The flow meters at recovery wells RW-1(X), RW-2(X), 64X(W), and 64R were reset in March 2006.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2007 Removal (liters)
East Street Area 2 - South						
GMA1-15	3/7/2007	16.31	15.76	0.55	0.463	**1.47**
	3/14/2007	15.92	15.55	0.37	0.228	
	3/21/2007	15.60	14.95	0.65	0.401	
	3/28/2007	14.50	13.88	0.62	0.383	
GMA1-16	3/7/2007	13.75	13.71	0.04	0.025	**0.26**
	3/14/2007	13.60	13.45	0.15	0.093	
	3/21/2007	13.04	12.90	0.14	0.086	
	3/28/2007	11.84	11.75	0.09	0.056	
GMA1-19	3/7/2007	12.60	11.50	1.10	0.679	**1.32**
	3/14/2007	11.95	11.16	0.79	0.487	
	3/21/2007	11.00	10.80	0.20	0.123	
	3/28/2007	9.75	9.70	0.05	0.031	

Total LNAPL Removal East Street Area 2 - South for March 2007: 3.054 liters
0.806 gallons

Total LNAPL Removal for March 2007: 3.054 liters
0.806 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Date	Housatonic River Discharge (gallons)	Recharge Pond Discharge (gallons)	Total Discharge (gallons)
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
June 2006	5,067,810	293,825	5,361,635
July 2006	4,631,550	348,554	4,980,104
August 2006	3,542,620	322,375	3,864,995
September 2006	2,938,190	327,432	3,265,622
October 2006	3,358,570	240,091	3,598,661
November 2006	4,003,730	173,630	4,177,360
December 2006	3,733,070	192,539	3,925,609
January 2007	4,323,220	169,346	4,492,566
February 2007	3,151,020	156,954	3,307,974
March 2007	3,975,040	51,863	4,026,903

After treatment, the majority of the water processed at GE's Building 64G groundwater

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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)
East Street Area 2 - South									
19	983.59	3/7/2007	11.50	---	0.00	---	17.75	0.00	972.09
19	983.59	3/14/2007	10.05	---	0.00	---	17.73	0.00	973.54
19	983.59	3/21/2007	10.70	---	0.00	---	17.73	0.00	972.89
19	983.59	3/26/2007	10.05	---	0.00	---	17.73	0.00	973.54
40R	991.60	3/26/2007	Dry at 13.05 feet			---	13.10	0.00	NA
49R	988.71	3/26/2007	14.51	---	0.00	---	24.68	0.00	974.20
49RR	989.80	3/26/2007	16.05	---	0.00	---	23.05	0.00	973.75
64R	993.37	3/8/2007	16.20	P	< 0.01	---	20.50	0.00	977.17
64R	993.37	3/13/2007	14.88	P	< 0.01	---	20.50	0.00	978.49
64R	993.37	3/22/2007	15.70	15.69	0.01	---	20.50	0.00	977.68
64R	993.37	3/30/2007	16.85	---	0.00	---	20.50	0.00	976.52
64S	984.48	3/8/2007	19.20	19.18	0.02	---	28.70	0.00	965.30
64S	984.48	3/13/2007	13.36	---	0.00	---	28.70	0.00	971.12
64S	984.48	3/22/2007	17.75	---	0.00	---	28.70	0.00	966.73
64S	984.48	3/30/2007	18.40	---	0.00	---	28.70	0.00	966.08
64S-Caisson	NA	3/8/2007	10.76	P	< 0.01	---	14.55	0.00	NA
64S-Caisson	NA	3/13/2007	10.65	10.64	0.01	---	14.55	0.00	NA
64S-Caisson	NA	3/22/2007	10.65	10.64	0.01	---	14.55	0.00	NA
64S-Caisson	NA	3/30/2007	10.68	P	< 0.01	---	14.55	0.00	NA
64V	987.29	3/8/2007	22.00	21.90	0.10	P	29.60	< 0.01	965.38
64V	987.29	3/13/2007	22.00	21.75	0.25	P	29.60	< 0.01	965.52
64V	987.29	3/22/2007	22.00	21.60	0.40	P	29.60	< 0.01	965.66
64V	987.29	3/30/2007	22.10	21.80	0.30	P	29.60	< 0.01	965.47
64X(N)	984.83	3/8/2007	12.56	12.55	0.01	---	15.85	0.00	972.28
64X(N)	984.83	3/13/2007	12.45	12.44	0.01	---	15.85	0.00	972.39
64X(N)	984.83	3/22/2007	11.75	11.74	0.01	---	15.85	0.00	973.09
64X(N)	984.83	3/30/2007	10.12	10.11	0.01	---	15.85	0.00	974.72
64X(S)	981.56	3/8/2007	16.66	16.60	0.06	---	23.82	0.00	964.96
64X(S)	981.56	3/13/2007	15.50	15.43	0.07	---	23.82	0.00	966.13
64X(S)	981.56	3/22/2007	14.80	14.76	0.04	---	23.82	0.00	966.80
64X(S)	981.56	3/30/2007	13.10	13.08	0.02	---	23.82	0.00	968.48
64X(W)	984.87	3/8/2007	18.74	18.73	0.01	---	24.35	0.00	966.14
64X(W)	984.87	3/13/2007	18.56	18.54	0.02	---	24.35	0.00	966.33
64X(W)	984.87	3/22/2007	17.95	17.94	0.01	---	24.35	0.00	966.93
64X(W)	984.87	3/30/2007	16.32	16.30	0.02	---	24.35	0.00	968.57
95-01	983.77	3/26/2007	Ice Inside PVC			---	17.13	0.00	NA
3-6C-EB-22	986.94	3/26/2007	13.00	---	0.00	---	20.01	0.00	973.94
E2SC-23	992.07	3/26/2007	15.60	---	0.00	---	21.15	0.00	976.47
E2SC-24	987.90	3/26/2007	14.30	---	0.00	---	21.61	0.00	973.60
ES2-06	986.00	3/26/2007	12.10	---	0.00	---	34.60	0.00	973.90
GMA1-15	988.59	3/7/2007	16.31	15.76	0.55	---	17.84	0.00	972.79
GMA1-15	988.59	3/14/2007	15.92	15.55	0.37	---	17.84	0.00	973.01
GMA1-15	988.59	3/21/2007	15.60	14.95	0.65	---	17.84	0.00	973.59
GMA1-15	988.59	3/28/2007	14.50	13.88	0.62	---	17.84	0.00	974.67
GMA1-16	986.82	3/7/2007	13.75	13.71	0.04	---	19.96	0.00	973.11
GMA1-16	986.82	3/14/2007	13.60	13.45	0.15	---	19.96	0.00	973.36
GMA1-16	986.82	3/21/2007	13.04	12.90	0.14	---	19.96	0.00	973.91
GMA1-16	986.82	3/28/2007	11.84	11.75	0.09	---	19.95	0.00	975.06
GMA1-19	984.28	3/7/2007	12.60	11.50	1.10	---	17.13	0.00	972.70
GMA1-19	984.28	3/14/2007	11.95	11.16	0.79	---	17.13	0.00	973.06
GMA1-19	984.28	3/21/2007	11.00	10.80	0.20	---	17.13	0.00	973.47
GMA1-19	984.28	3/28/2007	9.75	9.70	0.05	---	17.13	0.00	974.58
GMA1-20	983.49	3/7/2007	11.10	---	0.00	---	17.14	0.00	972.39
GMA1-20	983.49	3/14/2007	10.75	---	0.00	---	17.30	0.00	972.74
GMA1-20	983.49	3/21/2007	10.35	---	0.00	---	17.28	0.00	973.14
GMA1-20	983.49	3/26/2007	9.64	---	0.00	---	17.28	0.00	973.85
GMA1-21	985.68	3/7/2007	13.20	---	0.00	---	19.46	0.00	972.48
GMA1-21	985.68	3/14/2007	12.90	---	0.00	---	19.46	0.00	972.78
GMA1-21	985.68	3/21/2007	12.40	---	0.00	---	19.48	0.00	973.28
GMA1-21	985.68	3/26/2007	11.81	---	0.00	---	19.45	0.00	973.87

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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)
GMA1-22	988.45	3/7/2007	15.58	---	0.00	---	19.24	0.00	972.87
GMA1-22	988.45	3/14/2007	15.25	---	0.00	---	19.23	0.00	973.20
GMA1-22	988.45	3/21/2007	14.70	---	0.00	---	19.23	0.00	973.75
GMA1-22	988.45	3/26/2007	14.10	---	0.00	---	19.24	0.00	974.35
GMA1-23	986.16	3/7/2007	13.38	---	0.00	---	17.30	0.00	972.78
GMA1-23	986.16	3/14/2007	13.15	---	0.00	---	17.30	0.00	973.01
GMA1-23	986.16	3/21/2007	12.51	---	0.00	---	17.30	0.00	973.65
GMA1-23	986.16	3/26/2007	12.00	---	0.00	---	17.30	0.00	974.16
GMA1-24	983.81	3/7/2007	11.50	---	0.00	---	16.05	0.00	972.31
GMA1-24	983.81	3/14/2007	11.15	---	0.00	---	16.05	0.00	972.66
GMA1-24	983.81	3/21/2007	10.65	---	0.00	---	16.05	0.00	973.16
GMA1-24	983.81	3/26/2007	10.03	---	0.00	---	16.04	0.00	973.78
HR-G2-MW-1	982.60	3/26/2007	9.54	---	0.00	---	18.23	0.00	973.06
HR-G2-MW-2	981.39	3/26/2007	6.79	---	0.00	---	17.68	0.00	974.60
HR-G2-MW-3	987.14	3/26/2007	13.61	---	0.00	---	21.99	0.00	973.53
HR-G2-RW-1	976.88	3/26/2007	4.72	---	0.00	---	18.72	0.00	973.35
RW-1(S)	987.23	3/8/2007	18.70	18.66	0.04	P	28.60	< 0.01	968.57
RW-1(S)	987.23	3/13/2007	18.75	18.70	0.05	P	28.60	< 0.01	968.53
RW-1(S)	987.23	3/22/2007	19.40	19.08	0.32	P	28.60	< 0.01	968.13
RW-1(S)	987.23	3/30/2007	18.02	12.66	5.36	---	28.60	0.00	974.19
RW-1(X)	982.68	3/8/2007	14.30	14.27	0.03	---	20.80	0.00	968.41
RW-1(X)	982.68	3/13/2007	13.90	13.88	0.02	---	20.80	0.00	968.80
RW-1(X)	982.68	3/22/2007	14.60	14.40	0.20	---	20.80	0.00	968.27
RW-1(X)	982.68	3/30/2007	14.12	13.90	0.22	---	20.80	0.00	968.76
RW-2(X)	985.96	3/8/2007	13.75	---	0.00	---	15.30	0.00	972.21
RW-2(X)	985.96	3/13/2007	13.53	---	0.00	---	15.30	0.00	972.43
RW-2(X)	985.96	3/22/2007	13.02	---	0.00	---	15.30	0.00	972.94
RW-2(X)	985.96	3/30/2007	11.34	---	0.00	---	15.30	0.00	974.62
RW-3(X)	980.28	3/8/2007	9.30	---	0.00	42.30	44.40	2.10	970.98
RW-3(X)	980.28	3/13/2007	9.10	---	0.00	43.02	44.40	1.38	971.18
RW-3(X)	980.28	3/22/2007	8.70	---	0.00	41.90	44.40	2.50	971.58
RW-3(X)	980.28	3/30/2007	7.10	---	0.00	42.20	44.40	2.20	973.18
Housatonic River									
SG-HR-1	990.73	3/7/2007	19.70	See Note 6 regarding depth to water					971.03
SG-HR-1	990.73	3/14/2007	18.98	See Note 6 regarding depth to water					971.75
SG-HR-1	990.73	3/21/2007	18.90	See Note 6 regarding depth to water					971.83
SG-HR-1	990.73	3/28/2007	16.62	See Note 6 regarding depth to water					974.11

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. Well HR-G2-RW-1 is constructed at an angle of 41.67 degrees from vertical. Depth to water data reflect measurements collected along the angled well casing. Groundwater elevations are corrected to account for the angle of the well casing.
6. 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.
7. During the sampling round conducted during the second week in March, the 64S depression pump had a restriction that was reducing the flow which resulted in a much lower depth to water.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Month / Year	Volume Water Pumped (gallon)	RW-1 DNAPL Recovered (gallon)	RW-1R LNAPL Recovered (gallon)	RW-3 LNAPL Recovered (gallon)
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	--	--	--
June 2006	562,906	--	--	--
July 2006	206,016	--	--	--
August 2006	216,359	--	--	--
September 2006	172,604	--	--	--
October 2006	184,541	--	--	--
November 2006	270,731	--	--	--
December 2006	205,096	--	--	--
January 2007	240,662	--	--	5
February 2007	170,181	--	--	5
March 2007	205,590	--	--	10

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 for RW-1/1R, RW-2, and RW-3 during March 2007.

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Well Name	Date	Depth to Water (ft BMP)	Depth to DNAPL (ft BMP)	DNAPL Thickness (feet)	DNAPL Removed (liters)	March 2007 Removal (liters)
LSSC-07	3/7/2007	11.50	24.82	0.26	0.160	0.975
	3/28/2007	9.20	23.76	1.32	0.814	

Total Manual DNAPL Removal for March 2007: 0.975 liters
0.257 gallons

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

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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)
EPA-01	983.04	3/26/2007	Buried Under Ice & Snow			---	---	0.00	NA
LS-24	986.58	3/26/2007	Buried Under Ice & Snow			---	---	0.00	NA
LS-44	980.78	3/26/2007	Buried Under Ice & Snow			---	---	0.00	NA
LSSC-07	982.48	3/7/2007	11.50	---	0.00	24.82	25.08	0.26	970.98
LSSC-07	982.48	3/14/2007	Column of Ice in Well			---	---	0.00	NA
LSSC-07	982.48	3/20/2007	Column of Ice in Well			---	---	0.00	NA
LSSC-07	982.48	3/28/2007	9.20	---	0.00	23.76	25.08	1.32	973.28
LSSC-08I	983.13	3/7/2007	Buried under snow pile			---	---	0.00	NA
LSSC-08I	983.13	3/14/2007	Buried under pile of ice			---	---	0.00	NA
LSSC-08I	983.13	3/20/2007	Buried under pile of ice and snow			---	---	0.00	NA
LSSC-08I	983.13	3/26/2007	Buried Under Ice & Snow			---	---	0.00	NA
LSSC-08S	983.11	3/26/2007	Buried Under Ice & Snow			---	---	0.00	NA
LSSC-18	987.32	3/26/2007	13.60	---	0.00	---	18.58	0.00	973.72
LSSC-32	980.68	3/26/2007	8.34	---	0.00	---	35.24	0.00	972.34
LSSC-33	980.49	3/26/2007	8.20	---	0.00	---	29.10	0.00	972.29
RW-1	984.88	3/8/2007	13.80	---	0.00	---	21.00	0.00	971.08
RW-1	984.88	3/13/2007	12.71	---	0.00	---	21.00	0.00	972.17
RW-1	984.88	3/22/2007	12.30	P	< 0.01	P	21.00	< 0.01	972.58
RW-1	984.88	3/30/2007	10.98	P	< 0.01	---	21.00	0.00	973.90
RW-1 (R)	985.07	3/8/2007	15.00	---	0.00	P	20.42	< 0.01	970.07
RW-1 (R)	985.07	3/13/2007	15.91	---	0.00	P	20.42	< 0.01	969.16
RW-1 (R)	985.07	3/22/2007	16.78	---	0.00	P	20.42	< 0.01	968.29
RW-1 (R)	985.07	3/30/2007	16.00	P	< 0.01	P	20.42	< 0.01	969.07
RW-2	987.82	3/8/2007	14.90	---	0.00	---	21.75	0.00	972.92
RW-2	987.82	3/13/2007	14.60	---	0.00	---	21.75	0.00	973.22
RW-2	987.82	3/22/2007	13.84	---	0.00	---	21.75	0.00	973.98
RW-2	987.82	3/30/2007	12.35	---	0.00	---	21.75	0.00	975.47
RW-3	984.08	3/8/2007	16.70	---	0.00	---	21.57	0.00	967.38
RW-3	984.08	3/13/2007	16.40	16.34	0.06	---	21.57	0.00	967.74
RW-3	984.08	3/22/2007	16.60	16.43	0.17	---	21.57	0.00	967.64
RW-3	984.08	3/30/2007	16.40	16.38	0.02	---	21.57	0.00	967.70
Housatonic River (Lyman Street Bridge)									
BM-2A	986.32	3/7/2007	16.50	See Note 5 regarding depth to water					969.82
BM-2A	986.32	3/14/2007	15.87	See Note 5 regarding depth to water					970.45
BM-2A	986.32	3/21/2007	15.89	See Note 5 regarding depth to water					970.43
BM-2A	986.32	3/28/2007	14.78	See Note 5 regarding depth to water					971.54

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. 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 21-10
ACTIVE DNAPL RECOVERY SYSTEMS MONTHLY SUMMARY
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Recovery System	Date	Total Gallons Recovered
System 2[1]	March 2006	--[2]
	April 2006	--[2]
	May 2006	--[2]
	June 2006	--[2]
	July 2006	--[2]
	August 2006	--[2]
	September 2006	97.2
	October 2006	340.2
	November 2006	224.1
	December 2006	54.0
	January 2007	72.9
	February 2007	124.2
	March 2007	94.8
Total Automated DNAPL Removal for March 2007:		94.8

Notes:

1. System 2 wells are N2SC-01I(R), N2SC-03I(R), and N2SC-14.
2. The DNAPL recovery systems for the Newell Street Area II were shut down on July 25, 2005. An upgraded system was completed and activated on August 30, 2006.
3. There were 96 hours of downtime for System 2 during March 2007.

TABLE 21-11
ROUTINE WELL MONITORING
NEWELL STREET AREA II
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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(R)	986.01	3/8/2007	15.90	NM	NM	41.00	42.60	1.60	970.11
N2SC-01I(R)	986.01	3/13/2007	15.82	---	0.00	40.97	42.60	1.63	970.19
N2SC-01I(R)	986.01	3/22/2007	15.24	---	0.00	42.10	42.60	0.50	970.77
N2SC-01I(R)	986.01	3/30/2007	13.7	NM	NM	41.10	42.60	1.50	972.31
N2SC-03I(R)	985.86	3/8/2007	14.50	NM	NM	38.80	41.10	2.30	971.36
N2SC-03I(R)	985.86	3/13/2007	13.90	---	0.00	38.90	41.10	2.20	971.96
N2SC-03I(R)	985.86	3/22/2007	13.38	---	0.00	39.10	41.10	2.00	972.48
N2SC-03I(R)	985.86	3/30/2007	11.89	NM	NM	39.00	41.10	2.10	973.97
N2SC-14	985.06	3/8/2007	14.80	NM	NM	38.90	40.00	1.10	970.26
N2SC-14	985.06	3/13/2007	14.58	---	0.00	38.50	40.00	1.50	970.48
N2SC-14	985.06	3/22/2007	14.00	---	0.00	38.50	40.00	1.50	971.06
N2SC-14	985.06	3/30/2007	12.47	NM	NM	38.85	40.00	1.15	972.59
NS-15R	NA	3/27/2007	9.28	---	0.00	---	19.00	0.00	NA

Notes:

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

TABLE 21-12
ROUTINE WELL MONITORING
SILVER LAKE AREA
GROUNDWATER MANAGEMENT AREA 1

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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)
Staff Gauge within Silver Lake									
BM-SL-5	980.27	3/7/2007	Frozen at 4.36 ft	See Note 4 regarding depth to water					NA
BM-SL-5	980.27	3/14/2007	4.24	See Note 4 regarding depth to water					976.03
BM-SL-5	980.27	3/21/2007	Frozen at 4.24 ft	See Note 4 regarding depth to water					NA
BM-SL-5	980.27	3/28/2007	3.83	See Note 4 regarding depth to water					976.44

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. Survey reference point BM-SL-5 was established on the former Silver Lake staff gauge support structure following destruction of the gauge due to ice. The "Depth to Water" value(s) provided in the above table refer to the vertical distance as measured down from the surveyed reference point to the water surface.
5. Additional groundwater elevation data may also be collected from wells near Silver Lake that are located in the 30s Complex and at the Lyman Street Area. If available, those results are presented in the monitoring tables for those Removal Action Areas.

ITEM 22
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS J & K (GMA 2)
(GECD320)
MARCH 2007

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

a. Activities Undertaken/Completed

- Conducted supplemental sampling for PCBs at well GMA2-1.
- Continued routine river elevation monitoring.

b. Sampling/Test Results Received

- See attached tables.
- Received preliminary data for supplemental sampling of well GMA2-1 for PCBs. No PCBs were detected.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine river elevation monitoring.
- Conduct semi-annual groundwater elevation monitoring.
- Begin preparation of Baseline Assessment Final Report and Long-Term Monitoring Program Proposal (due within 75 days of receipt of the final laboratory data packages from the March 2007 supplemental sampling activities – i.e., by June 18, 2007).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

Received EPA conditional approval of GE's January 30, 2007 *Groundwater Quality Monitoring Report for Fall 2006* (March 15, 2007).

TABLE 22-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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	GMA2-1	3/8/07	Groundwater	SGS	PCB (f)	3/22/07
Semi-Annual Groundwater Sampling	GMA2-DUP-1 (GMA2-1)	3/8/07	Groundwater	SGS	PCB (f)	3/22/07

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

TABLE 22-2
DATA RECEIVED DURING MARCH 2007

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 / 03/08/07
PCBs-Filtered		
None Detected		--

Notes:
1. Samples were collected by ARCADIS BBL, and submitted to SGS Environmental Services, Inc. for analysis of PCBs (filtered).
2. -- Indicates that all constituents for the parameter group were not detected.

TABLE 22-3
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 2

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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)
Former Oxbow Area J									
GMA 2-1	991.36	3/8/2007	15.58	---	0.00	---	27.18	0.00	975.78
Housatonic River (Foot Bridge)									
GMA2-SG-1	989.82	3/28/2007	14.70	See Note 2 regarding depth to water					975.12

Notes:

1. ft BMP - feet Below Measuring Point.
2. 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)
MARCH 2007

*** 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 activities. Approximately 31.344 liters (8.27 gallons) of LNAPL were removed by the automatic skimmer located in well 51-21 and an additional 4.227 liters (1.12 gallons) of LNAPL were manually removed from the wells in this area (see Table 23-1).

- Conducted inspection of Building 51 and 59 to identify potential pathways for soil gas migration into the buildings.

b. Sampling/Test Results Received

See attached tables.

c. Work Plans/Reports/Documents Submitted

Submitted report presenting results of Building 51 and 59 inspections and a subsurface soil gas and indoor air monitoring plan (March 16, 2007).

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

- Continue routine groundwater and NAPL monitoring/recovery activities.

- Inspect well GMA3-6, which produced anomalous groundwater elevation data in fall 2006.

- Install well GMA3-16, as directed in EPA's December 7, 2006 conditional approval letter for the GMA 3 Groundwater Quality and NAPL Monitoring Report for Spring 2006.

- Conduct semi-annual NAPL bailing round and monitoring event.

- Conduct spring 2007 interim groundwater quality sampling for VOCs and natural attenuation parameters.

- Conduct LNAPL recovery testing at wells 51-8, 59-3R, GMA3-10, and GMA3-12, following EPA approval of the proposal contained in GE's Fall 2006 NAPL Monitoring Report.

ITEM 23
(cont'd)
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 2 (GMA 3)
(GECD330)
MARCH 2007

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

- Conduct follow-up investigations of certain items identified in Buildings 51 and 59 that could potentially constitute a soil gas migration pathway, and submit report thereon (within 30 days of EPA approval of March 16, 2007 submittal, identified above).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

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

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Well Name	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	LNAPL Removed (liters)	March 2007 Removal (liters)
51-08	3/7/2007	12.65	11.35	1.30	0.802	2.776
	3/14/2007	12.35	11.20	1.15	0.709	
	3/20/2007	11.70	10.90	0.80	0.494	
	3/28/2007	11.60	10.35	1.25	0.771	
51-21	3/8/2007	16.90	16.89	0.01	6.246	31.344
	3/13/2007	15.85	15.84	0.01	16.656	
	3/22/2007	15.39	P	< 0.01	5.300	
	3/30/2007	14.63	P	< 0.01	3.142	
GMA3-12	3/7/2007	12.61	12.01	0.60	0.370	1.24
	3/20/2007	12.03	11.68	0.35	0.865	
GMA3-13	3/7/2007	11.98	11.85	0.13	0.080	0.216
	3/14/2007	11.92	11.80	0.12	0.074	
	3/20/2007	11.58	11.53	0.05	0.031	
	3/28/2007	11.18	11.13	0.05	0.031	

Total Automated LNAPL Removal at well 51-21 for March 2007: 31.344 liters
8.27 Gallons

Total Manual LNAPL Removal at all other wells for March 2007: 4.227 liters
1.12 Gallons

Total LNAPL Removed for March 2007: 35.571 liters
9.39 Gallons

Notes:

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

TABLE 23-2
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 3

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

Well Name	Measuring Point Elev. (feet)	Date	Depth to Water (ft BMP)	Depth to LNAPL (ft BMP)	LNAPL Thickness (feet)	Depth to DNAPL (ft BMP)	Total Depth (ft BMP)	DNAPL Thickness (feet)	Corrected Water Elev. (feet)
51-06	997.36	3/27/2007	Ice Observed Inside PVC			---	14.45	0.00	NA
51-07	997.08	3/27/2007	Buried Under Ice & Snow			---	---	0.00	NA
51-08	997.08	3/7/2007	12.65	11.35	1.30	---	14.67	0.00	985.64
51-08	997.08	3/14/2007	12.35	11.20	1.15	---	14.63	0.00	985.80
51-08	997.08	3/20/2007	11.70	10.90	0.80	---	14.65	0.00	986.12
51-08	997.08	3/28/2007	11.60	10.35	1.25	---	14.66	0.00	986.64
51-09	997.70	3/27/2007	9.75	---	0.00	---	11.58	0.00	987.95
51-11	994.37	3/27/2007	6.60	---	0.00	---	13.55	0.00	987.77
51-12	996.55	3/27/2007	6.62	---	0.00	---	13.30	0.00	989.93
51-13	997.42	3/27/2007	Dry at 9.83 ft			---	9.80	0.00	NA
51-14	996.77	3/27/2007	10.32	---	0.00	---	14.72	0.00	986.45
51-18	997.12	3/27/2007	10.60	---	0.00	---	12.60	0.00	986.52
51-21	1001.49	3/8/2007	16.90	16.89	0.01	---	NM	0.00	984.60
51-21	1001.49	3/13/2007	15.85	15.84	0.01	---	NM	0.00	985.65
51-21	1001.49	3/22/2007	15.39	P	< 0.01	---	NM	0.00	986.10
51-21	1001.49	3/30/2007	14.63	P	< 0.01	---	NM	0.00	986.86
078B-R	988.83	3/27/2007	Submerged under wate			---	---	0.00	NA
GMA3-10	997.54	3/7/2007	11.86	11.65	0.21	---	17.84	0.00	985.88
GMA3-10	997.54	3/14/2007	11.79	11.65	0.14	---	17.84	0.00	985.88
GMA3-10	997.54	3/20/2007	11.44	11.37	0.07	---	17.84	0.00	986.17
GMA3-10	997.54	3/28/2007	11.06	10.90	0.16	---	17.83	0.00	986.63
GMA3-11	997.25	3/27/2007	10.30	---	0.00	---	18.28	0.00	986.95
GMA3-12	997.84	3/7/2007	12.61	12.01	0.60	---	21.24	0.00	985.79
GMA3-12	997.84	3/14/2007	12.09	11.95	0.14	---	21.24	0.00	985.88
GMA3-12	997.84	3/20/2007	12.03	11.68	0.35	---	21.24	0.00	986.14
GMA3-12	997.84	3/28/2007	11.30	11.20	0.10	---	21.24	0.00	986.63
GMA3-13	997.73	3/7/2007	11.98	11.85	0.13	---	17.52	0.00	985.87
GMA3-13	997.73	3/14/2007	11.92	11.80	0.12	---	17.52	0.00	985.92
GMA3-13	997.73	3/20/2007	11.58	11.53	0.05	---	17.51	0.00	986.20
GMA3-13	997.73	3/28/2007	11.18	11.13	0.05	---	17.51	0.00	986.60
GMA3-14	997.42	3/27/2007	10.55	---	0.00	---	16.76	0.00	986.87
UB-MW-10	995.99	3/27/2007	9.35	---	0.00	---	14.78	0.00	986.64

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. Survey reference points were established on the GMA 3 staff gauges. 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 24
GROUNDWATER MANAGEMENT AREAS
PLANT SITE 3 (GMA 4)
(GECD340)
MARCH 2007

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

a. Activities Undertaken/Completed

Conducted routine monthly groundwater elevation monitoring at well GMA4-3.

b. Sampling/Test Results Received

See attached table.

c. Work Plans/Reports/Documents Submitted

None

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

- Continue routine monitoring at well GMA4-3.
- Conduct spring 2007 interim groundwater quality sampling event at wells included in the OPCA groundwater monitoring program.
- Conduct semi-annual groundwater elevation monitoring.

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

None

TABLE 24-1
ROUTINE WELL MONITORING
GROUNDWATER MANAGEMENT AREA 4

CONSENT DECREE MONTHLY STATUS REPORT
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
March 2007

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	3/27/2007	17.55	---	0.00	---	26.25	0.00	986.40

Notes:

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

ITEM 25
GROUNDWATER MANAGEMENT AREAS
FORMER OXBOWS A & C (GMA 5)
(GECD350)
MARCH 2007

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

a. Activities Undertaken/Completed

Conducted MDEP file search for recent submittals regarding the adjacent MCP disposal site (Elm Street Mobil).

b. Sampling/Test Results Received

None

c. Work Plans/Reports/Documents Submitted

None

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

Submit Baseline Assessment Final Report and Long-Term Monitoring Program Proposal (due by April 27, 2007) (see Item 25f below).

e. General Progress/Unresolved Issues/Potential Schedule Impacts

No issues

f. Proposed/Approved Work Plan Modifications

On March 27, 2007, EPA approved an extension of the submittal date for the Baseline Assessment Final Report and Long-Term Monitoring Program Proposal from April 2, 2007 to April 27, 2007.

ARCADIS BBL

Attachment A

NPDES Sampling Records
and Results
March 2007

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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-A8021	3/5/07	Water	Columbia	Oil & Grease	3/14/07
NPDES Sampling	001-A8028	3/5/07	Water	Accutest	PCB	3/16/07
NPDES Sampling	001-A8031	3/6/07	Water	Columbia	TSS	3/14/07
NPDES Sampling	005-A8009/A8010	2/20/07	Water	Accutest	PCB	3/5/07
NPDES Sampling	005-A8016/A8017	2/27/07	Water	Accutest	PCB	3/9/07
NPDES Sampling	005-A8029/A8030	3/6/07	Water	Accutest	PCB	3/26/07
NPDES Sampling	005-A8032/A8033	3/7/07	Water	Accutest	BOD	Cancelled
NPDES Sampling	005-A8032/A8033	3/7/07	Water	Columbia	TSS	3/14/07
NPDES Sampling	005-A8043/A8044	3/13/07	Water	Accutest	PCB	3/27/07
NPDES Sampling	005-A8053/A8054	3/20/07	Water	Accutest	PCB, BOD	
NPDES Sampling	005-A8068/A8069	3/27/07	Water	Accutest	PCB	
NPDES Sampling	09B-A8018	3/2/07	Water	Accutest	BOD	3/14/07
NPDES Sampling	09B-A8018	3/2/07	Water	Columbia	TSS	3/15/07
NPDES Sampling	09B-A8028	3/5/07	Water	Accutest	BOD	3/16/07
NPDES Sampling	09B-A8028	3/5/07	Water	Columbia	TSS	3/15/07
NPDES Sampling	09B-A8037	3/11/07	Water	Columbia	TSS	3/30/07
NPDES Sampling	09B-A8045	3/13/07	Water	Accutest	BOD	3/27/07
NPDES Sampling	09B-A8055	3/20/07	Water	Accutest	BOD	
NPDES Sampling	09B-A8055	3/20/07	Water	Columbia	TSS	3/28/07
NPDES Sampling	09B-A8064	3/27/07	Water	Accutest	BOD	
NPDES Sampling	09B-A8064	3/27/07	Water	Columbia	TSS	
NPDES Sampling	09C-A8019	3/2/07	Water	Columbia	Oil & Grease	3/15/07
NPDES Sampling	09C-A8046	3/16/07	Water	Columbia	Oil & Grease	3/28/07
NPDES Sampling	09C-A8056	3/22/07	Water	Columbia	Oil & Grease	
NPDES Sampling	09C-A8062	3/26/07	Water	Columbia	Oil & Grease	
NPDES Sampling	64G-A8013	2/26/07	Water	Columbia	Oil & Grease	3/7/07

TABLE A-1
DATA RECEIVED AND/OR SAMPLES COLLECTED DURING MARCH 2007

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	64G-A8026	3/5/07	Water	Columbia	Oil & Grease	3/15/07
NPDES Sampling	64G-A8040	3/12/07	Water	Columbia	Oil & Grease	3/30/07
NPDES Sampling	64G-A8050	3/19/07	Water	Columbia	Oil & Grease	3/28/07
NPDES Sampling	64G-A8060	3/26/07	Water	Columbia	Oil & Grease	
NPDES Sampling	64T-A8011	2/26/07	Water	Columbia	Oil & Grease	3/7/07
NPDES Sampling	64T-A8024	3/5/07	Water	Columbia	Oil & Grease	3/15/07
NPDES Sampling	64T-A8038	3/12/07	Water	Columbia	Oil & Grease	3/30/07
NPDES Sampling	64T-A8048	3/19/07	Water	Columbia	Oil & Grease	3/28/07
NPDES Sampling	64T-A8058	3/26/07	Water	Columbia	Oil & Grease	
NPDES Sampling	A7886C	2/6/07	Water	Aquatec	Acute Toxicity Test	3/7/07
NPDES Sampling	A7887R	2/6/07	Water	Aquatec	Acute Toxicity Test	3/7/07
NPDES Sampling	A8035C	3/7/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A8035CCN	3/7/07	Water	Columbia	CN	3/30/07
NPDES Sampling	A8035CDM	3/7/07	Water	Columbia	Filtered Metals (8)	3/30/07
NPDES Sampling	A8035CTM	3/7/07	Water	Columbia	Metals (10)	3/30/07
NPDES Sampling	A8036R	3/7/07	Water	Aquatec	Acute Toxicity Test	
NPDES Sampling	A8036RCN	3/7/07	Water	Columbia	CN	3/30/07
NPDES Sampling	A8036RTM	3/7/07	Water	Columbia	Metals (10)	3/30/07
NPDES Sampling	MAR07WK1	2/27/07	Water	Columbia	Cu, Pb, Zn	3/7/07
NPDES Sampling	MAR07WK3	3/13/07	Water	Columbia	Cu, Pb, Zn	3/30/07
NPDES Sampling	MAR07WK4	3/20/07	Water	Columbia	Cu, Pb, Zn	3/28/07
NPDES Sampling	MAR07WK5	3/27/07	Water	Columbia	Cu, Pb, Zn	

TABLE A-2
DATA RECEIVED DURING MARCH 2007

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

Parameter / Sample ID: / Date Collected:	001-A8021 03/05/07	001-A8028 03/05/07	001-A8031 03/06/07	005-A8009/A8010 02/20/07	005-A8016/A8017 02/27/07	005-A8029/A8030 03/06/07	005-A8032/A8033 03/07/07
PCBs-Unfiltered							
Aroclor-1254	NA	0.00011	NA	ND(0.00050)	ND(0.00050)	ND(0.000050)	NA
Aroclor-1260	NA	0.000077	NA	ND(0.00050)	ND(0.00050)	ND(0.000050)	NA
Total PCBs	NA	0.000187	NA	ND(0.00050)	ND(0.00050)	ND(0.000050)	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	NA	NA	NA
Oil & Grease	ND(5.0)	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	3.80	NA	NA	NA	ND(1.00)

TABLE A-2
DATA RECEIVED DURING MARCH 2007

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

Parameter / Sample ID: / Date Collected:	005-A8043/A8044 03/13/07	09B-A8018 03/02/07	09B-A8028 03/05/07	09B-A8037 03/11/07	09B-A8045 03/13/07	09B-A8055 03/20/07	09C-A8019 03/02/07	09C-A8046 03/16/07
PCBs-Unfiltered								
Aroclor-1254	ND(0.000050)	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	0.00011	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.00011	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	ND(2.0)	ND(2.0)	NA	ND(4.0)	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	ND(5.0)	ND(5.0)
Total Suspended Solids	NA	1.30	5.20	4.60	NA	5.20	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2007

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

Parameter / Sample ID: / Date Collected:	64G-A8013 02/26/07	64G-A8026 03/05/07	64G-A8040 03/12/07	64G-A8050 03/19/07	64T-A8011 02/26/07	64T-A8024 03/05/07	64T-A8038 03/12/07	64T-A8048 03/19/07
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Filtered								
Aluminum	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

TABLE A-2
DATA RECEIVED DURING MARCH 2007

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

Parameter / Sample ID: / Date Collected:	A8035CCN 03/07/07	A8035CDM 03/07/07	A8035CTM 03/07/07	A8036RCN 03/07/07	A8036RTM 03/07/07	MAR07WK1 02/27/07	MAR07WK3 03/13/07	MAR07WK4 03/20/07
PCBs-Unfiltered								
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics-Unfiltered								
Aluminum	NA	NA	ND(0.100)	NA	ND(0.100)	NA	NA	NA
Cadmium	NA	NA	ND(0.00500)	NA	ND(0.00500)	NA	NA	NA
Calcium	NA	NA	92.5	NA	19.9	NA	NA	NA
Chromium	NA	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA
Copper	NA	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cyanide	0.0494	NA	NA	ND(0.0100)	NA	NA	NA	NA
Lead	NA	NA	ND(0.00500)	NA	ND(0.00500)	ND(0.00500)	ND(0.00500)	ND(0.00500)
Magnesium	NA	NA	37.6	NA	8.14	NA	NA	NA
Nickel	NA	NA	ND(0.0400)	NA	ND(0.0400)	NA	NA	NA
Silver	NA	NA	ND(0.0100)	NA	ND(0.0100)	NA	NA	NA
Zinc	NA	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	0.138	0.0111
Inorganics-Filtered								
Aluminum	NA	ND(0.100)	NA	NA	NA	NA	NA	NA
Cadmium	NA	ND(0.00500)	NA	NA	NA	NA	NA	NA
Chromium	NA	ND(0.0100)	NA	NA	NA	NA	NA	NA
Copper	NA	ND(0.0200)	NA	NA	NA	NA	NA	NA
Lead	NA	ND(0.00500)	NA	NA	NA	NA	NA	NA
Nickel	NA	ND(0.0400)	NA	NA	NA	NA	NA	NA
Silver	NA	ND(0.0100)	NA	NA	NA	NA	NA	NA
Zinc	NA	0.0237	NA	NA	NA	NA	NA	NA
Conventionals								
Biological Oxygen Demand (5-day)	NA	NA	NA	NA	NA	NA	NA	NA
Oil & Grease	NA	NA	NA	NA	NA	NA	NA	NA
Total Suspended Solids	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1. Samples were collected by General Electric Company and submitted to Accutest Laboratories and Columbia Analytical Services, Inc. for analysis of PCBs, cyanide, TSS, BOD, oil & grease, and metals (filtered and unfiltered).
2. NA - Not Analyzed.
3. ND - Analyte was not detected. The number in 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.

ARCADIS BBL

Attachment B

NPDES Discharge
Monitoring Reports
February 2007

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 — PERMIT NUMBER
005 1 — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

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	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
BOD, 5-DAY (20 DEG. C) 00310 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	******	20.3	(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	0	(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	0.117	0.138	(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

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.

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

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
413	448-5902	2007	3	22

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 T	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W)
		F -- FINAL
		WASTEWATER TREATMENT (005)

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.1	******	7.8	(12) SU	0	99/99	RCDR
00400 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	GRAB
DIBENZOFURAN	SAMPLE MEASUREMENT	******	******		******	NODI [6]	NODI [6]	(22)			
81302 T 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE			DATE		
AREA CODE	NUMBER		YEAR	MO	DAY
413	448-5902		2007	3	22

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 B. 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	MAJOR
PERMIT NUMBER	DISCHARGE NUMBER	(SUBR W.)
		F - FINAL
		GROUNDWATER TREATMENT (005)

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

*** NO DISCHARGE ( ) ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PH	SAMPLE MEASUREMENT	******	******		7.5	******	7.7	(12	0	99/99	RCDR
00400 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU SU		WEEKL	GRAB
BASE NEUTRALS & ACID (METHOD 625), TOTAL	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19			
78030 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
VOLATILE COMPOUNDS, (GC/MS)	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19			
78732 1 0 0	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

Michael T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	3	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

SEE COMMENTS FOR 005. SEE PAGE 8 + 9 OF PERMIT.

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

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

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	007 1

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

*** NO DISCHARGE [X] ***
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
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	******	******		******			(15)			
00011 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	70 MO AVG	75 DAILY MX	DEG. F		ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	******	******			******		(12)			
00400 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-C
POLYCHLORINATED BIPHENYLS (PCBS)	SAMPLE MEASUREMENT	******	******		******			(21)			
39516 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT MO AVG	REPORT DAILY MX	PPB		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			(03)	******	******	******				
50050 W 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		ONCE/ MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	3	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

SAMPLE AT MANHOLE PRIOR TO CITY STORM DRAIN.

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

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

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

Form Approved.
OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 A

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

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

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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.

M.T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	3	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

SEE PAGE 11 OF PERMIT. SEE DMR 0091. SAMPLE AT 09A.

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	009 B

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

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

*** 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)	SAMPLE MEASUREMENT	0	0	(26) LBS/DY	******	******	******		0	01/DW	CP
00310 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	0.2	0.6	(26) LBS/DY	******	******	******		0	01/DW	CP
00530 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	**** ****		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.003	0.018	(03) MGD	******	******	******		0	99/99	RC
50050 V 0 0 SEE COMMENTS BELOW	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	RCORDR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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.

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA CODE	TELEPHONE NUMBER	DATE YEAR	DATE MO	DATE DAY
413	448-5902	2007	3	22

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 O. 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

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	03	25

*** 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	0	(26) LBS/DY	******	******	******		0	01/DW	CP
	PERMIT REQUIREMENT	106 MO AVG	438 DAILY MX	LBS/DY	******	******	******	******		WEEKLY	COMPOS
PH 00400 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		7.2	******	7.4	(12) SU	0	01/DW	GR
	PERMIT REQUIREMENT	******	******	******	6.0 MINIMUM	******	9.0 MAXIMUM	SU		WEEKLY	RANG-G
SOLIDS, TOTAL SUSPENDED 00530 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.2	0.6	(26) LBS/DY	******	******	******		0	01/DW	CP
	PERMIT REQUIREMENT	213 MO AVG	876 DAILY MX	LBS/DY	******	******	******	******		WEEKLY	COMPOS
OIL & GREASE 00556 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	0	(19) MG/L	0	01/DW	GR
	PERMIT REQUIREMENT	******	438 DAILY MX	LBS/DY	******	******	15 DAILY MX	MG/L		WEEKLY	GRAB
POLYCHLORINATED BIPHENYLS (PCBS) 39516 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	******	******		******	NODI [9]	NODI [9]	(19) MG/L			
	PERMIT REQUIREMENT	******	******	******	******	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLAN 50050 V 0 0 SEE COMMENTS BELOW	SAMPLE MEASUREMENT	0.003	0.018	(03) MGD	******	******	******		0	99/99	RC
	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.	M. T. Carroll	413 448-5902	2007	3	22
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 BROOM 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 — PERMIT NUMBER
SUM A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

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
PHOSPHORUS, TOTAL (AS P) 00665 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
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	******	0.04	(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	******	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	(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.	M. T. Carroll SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	413 448-5902 AREA CODE NUMBER	2007 YEAR	3 MO	22 DAY
TYPED OR PRINTED						

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 Q. RUEBESAM
100 WOODLAWN AVENUE
PITTSFIELD MA 01201
FACILITY GENERAL ELECTRIC COMPANY
LOCATION PITTSFIELD MA 01201
ATTN: MICHAEL T CARROLL, EHS&F

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

MA0003891 — PERMIT NUMBER
SUM A — DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

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 01118 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	0	(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	******	0.05	(26) LBS/DY	******	******	******		0	01/30	CP
	PERMIT REQUIREMENT	******	REPORT DAILY MX	LBS/DY	******	******	******	**** ****		ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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.

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

TELEPHONE		DATE		
413	448-5902	2007	3	22
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)*

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

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

PERMIT NUMBER	DISCHARGE NUMBER
MA0003891	SUM B

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

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	02	01	TO	07	02	28

*** 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	******	******	**** ****	35 DAILY MN	******	******	PER-CENT		ONCE/ MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Michael T. Carroll
Mgr. Pittsfield Remediation Prog.

TYPED OR PRINTED

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

M. T. Carroll

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
413	448-5902	2007	3	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

00199/ This is a 4-part form.

ARCADIS BBL

Attachment C

NPDES Biomonitoring Report
March 2007

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

Columbia Analytical Services INC.
An Employee - Owned Company

March 30, 2007

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

Re: NPDES Biomonitoring Report for March 2007
Submission #: R2736247

Dear Mr. Nicholson:

Enclosed is our report on the Acute Whole Effluent Toxicity testing conducted in March 2007. The Outfall Composite samples were collected on 3/8/07 at 10:50 am. The Housatonic River samples were collected on 3/8/07 at 8:45 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.

CC: Jill Piskorz, Pat Foos and Yelena Geyfman vial email.

NPDES BIOMONITORING REPORT

GENERAL ELECTRIC COMPANY
Pittsfield, MA
NPDES PERMIT MA 0003891

Monthly Acute Toxicity Monitoring
Dry Weather Conditions
March 2007

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
March 30, 2007

TABLE OF CONTENTS

I. Summary

On March 6-7, 2007 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 March 7, 2007 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 O'Brien & Gere, Inc. 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 March 6-7, 2007 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	96%
Survival in laboratory water	96%
Survival in laboratory water with 100 mg/L sodium thiosulfate	100%
LC_{50} for Daphnia pulex in sodium chloride reference toxicant solution	3.959g NaCl/L March 8, 2007

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
March 6-7, 2007

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	0.231	0.137
Chloride	CAS	216	21.5
Total Alkalinity	CAS	386	71.3
Total Organic Carbon	CAS	6.94	2.68
Total Phosphorus	CAS	ND (0.0500)	ND (0.0500)
Total Solids	CAS	735	132
Total Suspended Solids	CAS	ND (1.00)	ND (1.00)
Hardness	Aquatec	364	82
Spec. Conductance (umhos)	Aquatec	1324	275
pH (SU)	Aquatec	7.8	7.2
TRC (start of toxicity test)	Aquatec	ND	ND
Cyanide	CAS	0.0494	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	0.0237	NA
pH (SU)	OB&G	7.79	7.58
Hardness	Aquatec	364	82

All results are mg/L unless otherwise indicated.

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

NA – Not analyzed

TRC – Total Residual Chlorine

APPENDIX 1

Chemical and Acute Toxicity Data

Aquatec Biological Sciences

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

March 28, 2007

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 February 6, 2007.

According to the Chain-of-Custody documentation the samples for Whole Effluent Toxicity (WET) Testing were collected on March 7, 2007. The samples were transported to Aquatec Biological Sciences, Inc. by courier and delivered on the same day. The effluent sample (Sample 34348) was logged in for the acute 48-hour static toxicity test with *Daphnia pulex*. The receiving water sample (Sample 34349) was logged in for dilution water. A subsample of each sample was checked for residual chlorine and for alkalinity and hardness measurements at Aquatec Biological Sciences, Inc. The toxicity test was started on March 8, 2007, within the specified holding time.

At the conclusion of the toxicity test on March 10, 2007, a final count of surviving organisms was completed. The average survival was 92 - 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

This report consists of the following numbered pages: 1 - 33

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 March 2007

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

SDG number: 10201
Effluent ID: Outfall Composite A8035C Aquatec sample number: 34348
Receiving water ID: Housatonic River A8036R Aquatec sample number: 34349

Study Director: John Williams

March 27, 2007

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.

1

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

3/28/07
Date

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

3/28/07
Date

2

Whole Effluent Toxicity Test Report Certification

The results reported pertain only to the samples received and tested under this Sample Delivery Group (SDG).

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: 3/28/07

Authorized signature

John Williams
Name

Manager, Environmental Toxicology
Title

Aquatec Biological Sciences, Inc.
Laboratory

ACCREDITED IN ACCORDANCE WITH nelac

Certificate # 1737

Table of Contents

4

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., December 2002. Method 2021.0
Aquatec SDG:	10201
Test material:	Composite effluent from the General Electric Company located in Pittsfield, Massachusetts
GE sample ID:	OUTFALL COMPOSITE A8035C
Dilution water:	Water from the Housatonic River (grab sample)
GE sample ID:	HOUSATONIC RIVER A8036R
Dates collected:	March 7, 2007
Date received:	March 7, 2007
Test dates:	March 8-10, 2007
Test concentrations:	100%, 75%, 50%, 35%, 15%, 5% effluent. Dilution water control (Housatonic River A7887R) 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 March 8-10, 2007 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.,

December 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 A8035C) was collected by GE personnel March 7, 2007. The receiving water sample (Housatonic River A8036R) was a grab collected from the Housatonic River on March 7, 2007. Samples were delivered to Aquatec on the same day. Upon receipt at Aquatec on March 7, 2007, the temperature of the temperature blank contained within the cooler was 1.0°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 (7.8); dissolved oxygen (9.1 mg/L); conductivity (267 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 approximately 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

8

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.

9

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

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

Parameter	Effluent OUTFALL COMPOSITE A8035C	Housatonic River A8036R HOUSATONIC RIVER A8036R
Temperature	19.4	19.6
pH	7.8	7.2
Alkalinity (as $CaCO_3$), mg/L	356	72
Hardness (as $CaCO_3$), mg/L	364	82
Dissolved oxygen, mg/L	10.2	11.2
Specific conductivity, uS/cm	1324	275
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, March 8-10, 2007.

Test Concentration (% effluent)	pH			Dissolved Oxygen (mg/L)			Temperature (°C)		
	0	24	48	0	24	48	0	24	48
Dechl. Control	7.7	-	7.5	9.3	-	8.8	20.1	19.9	20.4
Lab Control	7.8	-	7.7	9.1	-	8.9	20.1	20.0	20.2
Dilution Control	7.2	-	7.5	11.2	-	8.8	19.6	20.0	20.3
5%	7.2	-	7.6	11.1	-	8.8	19.5	19.9	20.3
15%	7.3	-	7.8	11.0	-	8.7	19.5	19.9	20.4
35%	7.5	-	8.1	10.8	-	8.7	19.5	19.9	20.4
50%	7.6	-	8.2	10.7	-	8.7	19.5	20.0	20.5
75%	7.7	-	8.2	10.4	-	8.6	19.5	20.0	20.4
100%	7.8	-	8.2	10.2	-	8.6	19.4	19.9	20.4

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, March 8-10, 2007.

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	20	0	0	4
Rec. Control	20	0	0	0	0	4	20	0	0	0	0	4
5%	0	0	0	0	0	0	0	0	0	0	0	0
15%	0	0	0	0	20	4	20	0	0	0	20	8
35%	0	0	0	0	0	0	0	0	0	0	0	0
50%	0	0	0	0	0	0	0	20	0	0	0	4
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: 07003	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN C. COYLE	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 3-7-07
Facsimile: (413)494-7052		
Contact Name: Sean Coyle	Quote #: 10/05 Client Code: GEPITTS	Hand Delivered: [X] Yes [ ] No

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	VOLUME/CONTAINER TYPE/ PRESERVATIVE: NUMBER OF CONTAINERS — 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 Glass 40 mL	4°C HNO_3 Plastic 0.5 L
Outfall Composite A8035C	3/7/07	10:50 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A8035C	3/7/07	10:50 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A8036R	3/7/07	7:45 AM	X		Receiving	Dilution Water	1					
Housatonic River A8036R	3/7/07	7:45 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
C. Coyle	3/7/07	12:10 pm	
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
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: 1.0 °C. Dechlorinate the effluent sample if chlorine is detected.

DRY WEATHER ACCUTE TOXICITY FOR MARCH 07

Appendix 2
Summary of Test Conditions

16

Client: GENERAL ELECTRIC, PITTSFIELD, MA, MA0003891 **SDG: 10201**

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. Day 2: temperature, DO, pH, and conductivity 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

TOXICITY TEST SUMMARY SHEET

Facility Name: Outfall Composite A8035C Test Start Date: 3/8/07

NPDES Permit Number: MA0003891 Pipe Number: 001

Test Type	Test Species	Sample Type	Sampling Method
Acute	***Daphnia pulex***	EFFLUENT	Composite

Dilution Water: Housatonic River

Receiving Water: Housatonic River

Effluent Sampling Dates: March 7, 2007

Concentrations Tested: 0 5.0 15 35 50 75 100 Control Permit Limit: NA

Was Effluent Salinity Adjusted? NA If yes, to what value? NA

With Sea Salts? NA Hypersaline Brine Solution? NA

Actual effluent concentrations tested after salinity adjustment in percent: Same as above.

Reference Toxicant Date: 3/8/07

PERMIT LIMITS AND TEST RESULTS

Test Acceptability Criteria: Mean Control Survival: 96 (%)

	Limits (%)		**Results (%)**
LC50	NA	**48-Hour LC50**	**>100**
		Upper Value	--
		Lower Value	--
		Data Analysis Method	Direct observation
A-NOEC	NA	**48-hour A-NOEC**	**100**
C-NOEC	NA	C-NOEC	--
		LOEC	--
IC25	NA	IC25	--
IC50	NA	IC50	--

NA: Not Applicable

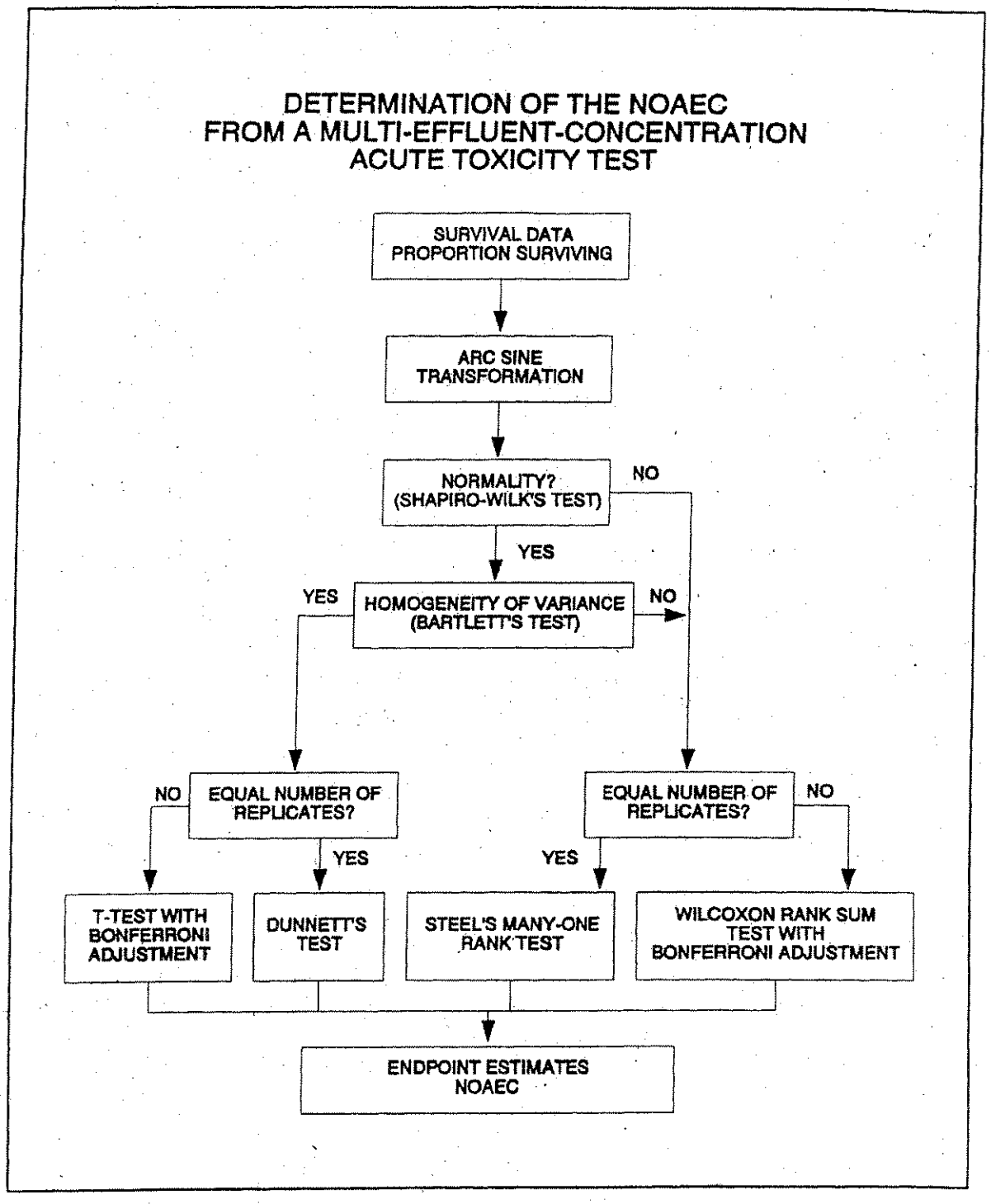


Figure 13. Flowchart for analysis of multi-effluent-concentration test data.

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

Aquatec Biological Sciences, Inc.

Test Date: 3/08/07
Sample Date: 3/07/07
Species: Daphnia pulex
Test Type: Acute - 48 hours

Test Number: 51855
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	1.30	.106	
			X	0.000 D	5	1.30	.106	
			X	5.000 D	5	1.35	0.000	
			X	15.000 D	5	1.25	.130	
			X	35.000 D	5	1.35	0.000	
			X	50.000 D	5	1.30	.106	
			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	.96	.089	
				0.000 D	5	.96	.089	
				5.000 D	5	1.00	0.000	
				15.000 D	5	.92	.110	
				35.000 D	5	1.00	0.000	
				50.000 D	5	.96	.089	
				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.					
		Steel many-one rank test	>100.000	>100.000	< 1.00	.006	.070

2 48-h LC50: >100 % (Direct observation)
JW 3/28/07

Aquatec Biological Sciences, Inc.

WATER FLEA TEST DATA

Test Number: 51855 ( ) Chronic (x) Acute 48 hours
Test Date: 8-Mar-07
Source: MA0003891 Test Material: EFF2 (%)

Conc	Rep	Cont. No.	Sex	Start	Daily Survival 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	6	6						1.00		
0.00 B	3		F	5	4						.80		
0.00 B	4		F	5	5						1.00		
0.00 B	5		F	5	5						1.00		
0.00 D	1		F	5	4						.80		
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	4						.80		
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	4						.80		
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	4						.80		
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		

QCV KS
3/25/07
3/28/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51855 SDG: 10201
MA0003891
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

SURVIVAL DATA, SAMPLE 34348

Treatment (%)		Day 0	Day 1 # Surviving	Day 2 # Surviving
Rec.	A	5	4	4
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	4
	B	5	5	5
	C	5	5	5
	D	5	5	5
	E	5	4	4
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	4
	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 #		34348	34348	34348
I/D/T		KS 3/8 10:35	KK 3-9-07 10:30	KK 3-10-07 10:25

Aquatec Biological Sciences, Inc. Williston Vermont
Reviewed by: _____ Date: 3/28/07

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51855 SDG: 10201
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~~ 6	6	6
	C	5	5	4
	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
		10:35	10:20	10:20
I/D/T		KS 3/8	KK 3-9-07	KK 3-10-07

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.

Client: GENERAL ELECTRIC, PITTSFIELD, MA Test #: 51855 SDG: 10201
MA0003891 OUTFALL 001
Test Description: *Daphnia pulex* 48-h daily renewal acute toxicity test

Treatment (%)	Parameter	Day 0	Day 1	Day 2
Lab Contr	pH	7.8	-	7.7
	DO	9.1	-	8.9
	Temp	20.1	20.0	20.2
	Cond.	267	--	280
Dechlorination Control	pH	7.7	-	7.5
	DO	9.3	-	8.8
	Temp	20.1	19.9	20.4
	Cond.	277	--	292
Rec. Water Contr	pH	7.2	-	7.5
	DO	11.2	-	8.8
	Temp	19.6	20.0	20.3
	Cond.	~~1324~~ 275	--	253
5.0	pH	7.2	-	7.6
	DO	11.1	-	8.8
	Temp	19.5	19.9	20.3
	Cond.	296	--	308
15	pH	7.3	-	7.8
	DO	11.0	-	8.7
	Temp	19.5	19.9	20.4
	Cond.	409	--	418
35	pH	7.5	-	8.1
	DO	10.8	-	8.7
	Temp	19.5	19.9	20.4
	Cond.	633	--	631
50	pH	7.6	-	8.2
	DO	10.7	-	8.7
	Temp	19.5	20.0	20.5
	Cond.	801	--	793
75	pH	7.7	-	8.2
	DO	10.4	-	8.6
	Temp	19.5	20.0	20.4
	Cond.	1069	--	991
100	pH	7.8	-	8.2
	DO	10.2	-	8.6
	Temp	19.4	19.9	20.4
	Cond.	1324	--	1160
Sample #		34348	34348	34348
I/D (2007)		KK 3-8-07	KK 3-9-07	KK 3-10-07

Daphnia pulex Culture Log

CULTURE ID	WATER RENEWAL? (Lot#) 22107mlMW	FED (MWF Sel/YCT TuTh Sel)	CLEARED OF NEONATES? (TIME)	Culture Beakers Washed?	Temp. (°C)	DATE	INIT.
2/14 A,B,C 1/29 B	✓	YC-SeL	✓	—	20.8	2-16-07	KK
⊥	—	Sel	—	—	—	2-18-07	KS
2/14 A,B,C 1/29B	✓	Yc/sel	✓	✓	20.2	2-19-07	KS
⊥	—	Sel	—	—	—	2-20-07	KS
2/14 A,B,C 2/21 mass	✓	Yc/sel	✓	—	20.9	2-21-07	KS
collected from 2/14 A,B,C neonates.							
2/14 A,B,C 2/21 Mass	—	SeL	—	—	20.6	2-22-07	KK
⊥	✓	Yc/SeL	✓	—	20.5	2-23-07	KK
2/14 A,B,C 2/21	—	Sel	—	—	—	2-25-07	KS
⊥	✓	Yc/sel	✓	✓	21.0	2-26-07	KS
2/14 A,B,C 2/21	—	Sel	—	—	—	2-27-07	KS
2/14 C	✓	Yc/sel	✓	—	20.7	2-28-07	KS
2/28 A,B,C	Started from 2/21 mass culture.				⊥	⊥	⊥
2/28 A,B,C 2/14 C	—	Sel	—	—	—	3-1-07	KS
2/28 A,B,C 2/14 C	✓	Yc/Sel	✓	—	20.3°C	3-2-07	JG
⊥	—	Sel	—	—	—	3-4-07	KS
2/28 A,B,C 2/14 C	✓	Yc/sel	✓	✓	21.0°C	3-5-07	KS
⊥	—	Sel	—	—	—	3-6-07	KS
2/28 A,B,C 2/14	✓	Yc/sel	✓ 11:00	—	20.3°C	3-7-07	KS
2/28 A,B,C	✓	Sel	✓ 10:10	—	20.7	3-8-07	KS

1/29 B dumped

1/14 A,B dumped

Selenastrum Lot#: 21607Sel
YC or YCT Lot#: 2107YC

N
8

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
34348	Outfall Composite		3/8/07	25	34.1	43	KS	3/8/07	356.0	25	25.2	34.3	KS	3/8/07	364.0
34349	Housatonic River A		3/8/07	25	43	44.8	KS	3/8/07	72.0	50	34.3	38.4	KS	3/8/07	82.0

3/27/07

Aquatec Biological Sciences, Inc.
273 Commerce Street
Williston, VT 05495
(802) 860-1638

Total Residual Chlorine Analysis

Client	SDG
GE Pittsfield, MA	10201

Sample #	Sample ID	Collection Date / Time	Analysis Date / Time / Analyst	Result (TRC mg/L)	Method
34348	Outfall Composite A8035C	3/7/07, 10:50	3/8/07 09:31 KS	<0.05	DPD Colorimetric
34257	Housatonic River A7887R	2/6/07, 08:50	3/8/07 09:37 KS	0.16	DPD Colorimetric

Sample Preparation

Client: GENERAL ELECTRIC, PITTSFIELD, MA MA0003891	**SDG: 10201**
Test Description: *Daphnia pulex* acute toxicity test.	**Test #: 51855**

Sample Identification:

Sample Description	Rec. Water (Housatonic River)	Effluent		
Sample #	34349	34348		

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 3-8-07			

[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	

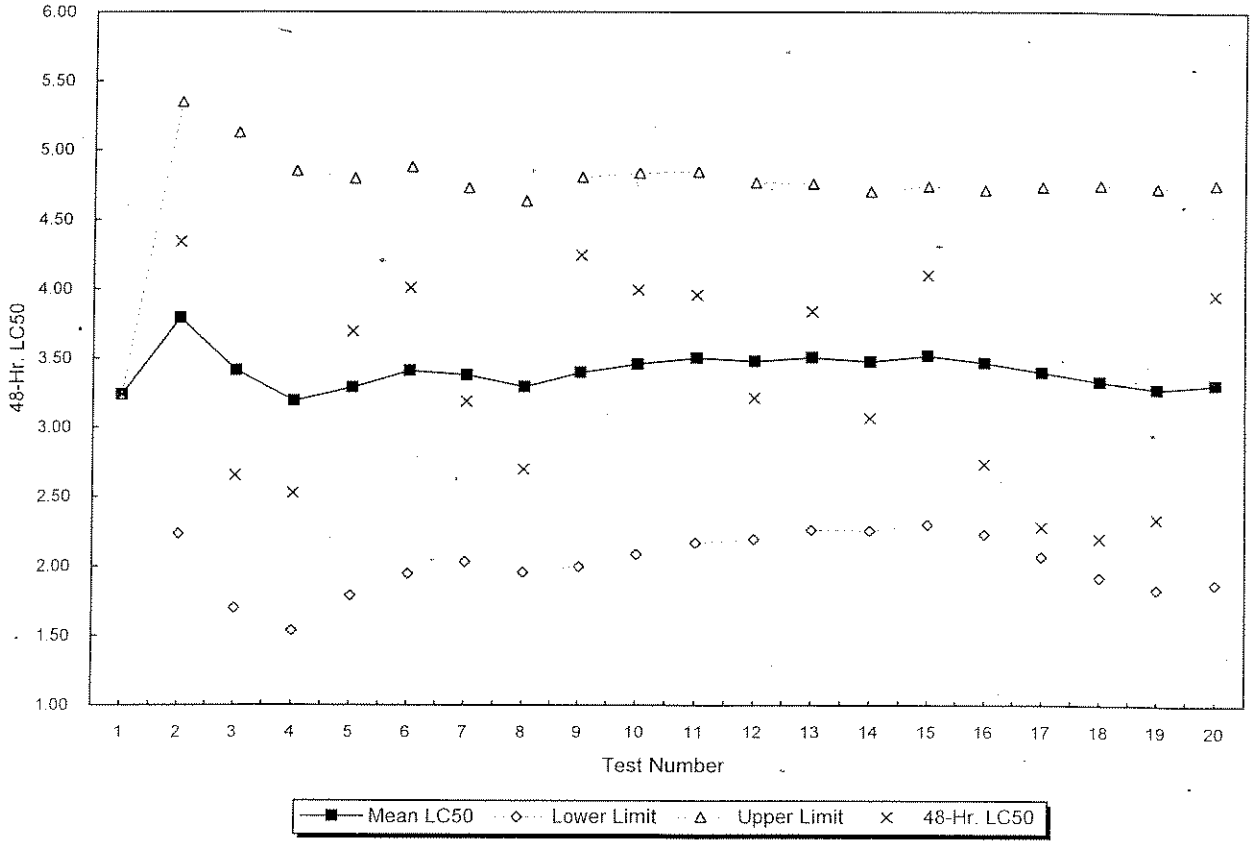
Comments:

Collect alkalinity and hardness samples on each new effluent and receiving water sample.

Appendix 5
Standard Reference Toxicant test Control Chart

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	10/11/05	1	3.241	3.24	3.24	3.24	Aquatic BioSystems
2	10/19/05	1	4.342	3.79	2.23	5.35	Aquatic BioSystems
3	11/02/05	1	2.655	3.41	1.70	5.13	Aquatec Biological Sciences
4	11/08/05	1	2.527	3.19	1.54	4.85	Aquatec Biological Sciences
5	12/07/05	1	3.693	3.29	1.79	4.79	Aquatec Biological Sciences
6	01/05/06	1	4.009	3.41	1.95	4.88	Aquatec Biological Sciences
7	02/08/06	1	3.189	3.38	2.03	4.73	Aquatec Biological Sciences
8	03/11/06	1	2.698	3.29	1.96	4.63	Aquatec Biological Sciences
9	04/06/06	1	4.243	3.40	2.00	4.80	Aquatec Biological Sciences
10	05/10/06	1	3.992	3.46	2.08	4.83	Aquatec Biological Sciences
11	06/07/06	1	3.959	3.50	2.17	4.84	Aquatec Biological Sciences
12	07/11/06	1	3.215	3.48	2.19	4.77	Aquatec Biological Sciences
13	08/08/06	1	3.839	3.51	2.26	4.76	Aquatec Biological Sciences
14	09/13/06	1	3.068	3.48	2.25	4.70	Aquatec Biological Sciences
15	10/11/06	1	4.098	3.52	2.30	4.74	Aquatec Biological Sciences
16	11/17/06	1	2.733	3.47	2.23	4.71	Aquatec Biological Sciences
17	12/13/06	1	2.281	3.40	2.06	4.73	Aquatec Biological Sciences
18	01/10/07	1	2.196	3.33	1.92	4.75	Aquatec Biological Sciences
19	02/07/07	1	2.34	3.28	1.83	4.73	Aquatec Biological Sciences
20	03/08/07	1	3.959	3.31	1.87	4.75	Aquatec Biological Sciences



qaqc\srts\Dp acute nacl recent

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

Copies of our SOP have been submitted with prior reports. Any future revisions of this SOP will be submitted.

APPENDIX 2

Laboratory Reports

Columbia Analytical Services, Inc.
O'Brien & Gere, Inc.

NPDES Sampling
GE Pittsfield
Toxicity pH

Date: 3/6/07

Acute Dry X
Acute Wet ___
Chronic _____(Day 1,2 or 3)

Effluent Composite
Sample # AY035C
Date 3-7-07
Time 10:50 AM
pH 7.79 su

River/Dilution Water
Sample # AY036R
Date 3-7-07
Time 8:45 AM
pH 7.58 su

SEAN C. COYLE

3-7-07

Signed & Dated

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8035C

Date Sampled : 03/07/07 10:50 **Order #:** 979354 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.231	MG/L	03/09/07	10:33	1.0
CHLORIDE	300.0	0.200	216	MG/L	03/08/07	20:44	40.0
TOTAL ALKALINITY	310.1	2.00	386	MG/L	03/09/07	09:50	1.0
TOTAL ORGANIC CARBON	9060	1.00	6.94	MG/L	03/15/07	14:16	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	03/13/07	13:01	1.0
TOTAL SOLIDS	160.3	10.0	735	MG/L	03/09/07	14:00	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	03/12/07	14:25	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8035CCN

Date Sampled : 03/07/07 10:50 **Order #:** 979359 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0494	MG/L	03/13/07	09:11	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8035CTM

Date Sampled : 03/07/07 10:50 **Order #:** 979356 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	03/13/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	03/13/07	1.0
CALCIUM	200.7	1.00	92.5	MG/L	03/13/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	03/13/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	03/13/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	03/13/07	1.0
MAGNESIUM	200.7	1.00	37.6	MG/L	03/13/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	03/13/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	03/13/07	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	03/13/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8035CDM

Date Sampled : 03/07/07 10:50 **Order #:** 979355 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	03/13/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	03/13/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	03/13/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	03/13/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	03/13/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	03/13/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	03/13/07	1.0
ZINC	200.7	0.0200	0.0237	MG/L	03/13/07	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8036R

Date Sampled : 03/07/07 08:45 **Order #:** 979353 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
AMMONIA	350.1	0.0500	0.137	MG/L	03/09/07	10:33	1.0
CHLORIDE	300.0	0.200	21.5	MG/L	03/08/07	20:29	10.0
TOTAL ALKALINITY	310.1	2.00	71.3	MG/L	03/09/07	09:50	1.0
TOTAL ORGANIC CARBON	9060	1.00	2.68	MG/L	03/15/07	13:39	1.0
TOTAL PHOSPHORUS	365.1	0.0500	0.0500 U	MG/L	03/13/07	13:01	1.0
TOTAL SOLIDS	160.3	10.0	132	MG/L	03/09/07	14:00	1.0
TOTAL SUSPENDED SOLIDS	160.2	1.00	1.00 U	MG/L	03/12/07	14:25	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8036RCN

Date Sampled : 03/07/07 08:45 **Order #:** 979358 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL CYANIDE	335.4	0.0100	0.0100 U	MG/L	03/13/07	09:11	1.0

COLUMBIA ANALYTICAL SERVICES

Reported: 03/28/07

General Electric
Project Reference: GE-PITTSFIELD BIOMONITORING - 3/07
Client Sample ID : A8036RTM

Date Sampled : 03/07/07 08:45 **Order #:** 979357 **Sample Matrix:** WATER
Date Received: 03/08/07 **Submission #:** R2736247

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
ALUMINUM	200.7	0.100	0.100 U	MG/L	03/13/07	1.0
CADMIUM	200.7	0.00500	0.00500 U	MG/L	03/13/07	1.0
CALCIUM	200.7	1.00	19.9	MG/L	03/13/07	1.0
CHROMIUM	200.7	0.0100	0.0100 U	MG/L	03/13/07	1.0
COPPER	200.7	0.0200	0.0200 U	MG/L	03/13/07	1.0
LEAD	200.7	0.00500	0.00500 U	MG/L	03/13/07	1.0
MAGNESIUM	200.7	1.00	8.14	MG/L	03/13/07	1.0
NICKEL	200.7	0.0400	0.0400 U	MG/L	03/13/07	1.0
SILVER	200.7	0.0100	0.0100 U	MG/L	03/13/07	1.0
ZINC	200.7	0.0200	0.0200 U	MG/L	03/13/07	1.0

APPENDIX 3

Chain of Custody Forms

Columbia Analytical Services, INC.
An Employee - Owned Company
www.ceslab.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 1 OF 2

SR #

CAS Contact

Project Name: NPDES PERMIT	Project Number:
Project Manager: J. NICHOLSON	Report CC:
Company/Address: GE CEP	
159 PLASTICS AVE BLDG 59	
PITTSFIELD, MA 01201	
Phone #: (413) 448-5915	FAX#: (413) 448-5935
Sampler's Signature: C. Coyle	Sampler's Printed Name: SEAN C. COYLE

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 2 2 4 Ø Ø

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	METALS, DISSOLVED(8) EPA 200.7	CYANIDE EPA 335.4	TSS EPA 160.2	CHLORIDE & TOTAL SOLIDS	REMARKS/ ALTERNATE DESCRIPTION
A7035CTM	979356	3.7.07	10:50 AM	H2O	1						X					
A7036RTM	979357	3.7.07	8:45 AM	H2O	1						X					
A7035CDM	979355	3.7.07	10:50 AM	H2O	1							X				
A7035CCN	979359	3.7.07	10:50 AM	H2O	1								X			
A7036RCN	979358	3.7.07	8:45 AM	H2O	1								X			
A7035C	979354	3.7.07	10:50 AM	H2O	1									X		
A7036R	979353	3.7.07	8:45 AM	H2O	1									X		
A7035C	979354	3.7.07	10:50 AM	H2O	1										X	
A7036R	979353	3.7.07	8:45 AM	H2O	1										X	

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 TOTAL METALS(10) & DISSOLVED METALS(8) LISTED ON SAMPLE BOTTLES

- ACCUTE DRY TOXICITY COMPOSITE & pH SHEETS INCL. W/ COC'S
- SAMPLES PACKED IN ICE
- ALL SAMPLES ON THIS COC FOR DRY ACCUTE TOXICITY - MARCH 2007

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
___ 24 hr ___ 48 hr X 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
X IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R236247

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: C. Coyle	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: SEAN C. COYLE	Printed Name: Gregory D. Osmerian	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: GE	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 3.7.07 / 2:00pm	Date/Time: 3-8-07 9125	Date/Time:	Date/Time:	Date/Time:	Date/Time:

SCOC-1102-08

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 2 OF 2

SR #

CAS Contact

Project Name: NPDES PERMIT	Project Number:
Project Manager: J. NICHOLSON	Report CC:
Company/Address: GE CRP 159 PLASTICS AVE, BLDG 59 PITTSFIELD, MA 01201	
Phone #: (413) 448-5915	FAX#: (413) 448-5935
Sampler's Signature: C. Coyle	Sampler's Printed Name: SEAN C COYLE

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 3 3 Ø Ø

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 _____

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 (List in comments below)	METALS, DISSOLVED (List in comments below)	TOTAL PHOSPHORUS	NH3	TOC	ALKALINITY	TSS EPA 160.2	REMARKS/ ALTERNATE DESCRIPTION
A9035C	979354	3.7.07	10 50 AM	H2O	1								X					
A9036R	979353	3.7.07	8 45 AM	H2O	1								X					
A9035C	979354	3.7.07	10 50 AM	H2O	3									X				
A9036R	979353	3.7.07	8 45 AM	H2O	3									X				
A9035C	979354	3.7.07	10 50 AM	H2O	1										X			
A9036R	979353	3.7.07	8 45 AM	H2O	1										X			
005-A9032/A9033		3.7.07	7 00 AM	H2O	1											X		

SPECIAL INSTRUCTIONS/COMMENTS
Metals

- SAMPLES PACKED IN ICE
- ALL SAMPLES ON COC (EXCEPT 005-A9032/A9033) FOR DMY ACCUTE TOXICITY - MARCH 2007

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
___ 24 hr ___ 48 hr X 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
X IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: A2736247

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: C. Coyle	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: SEAN C COYLE	Printed Name: Gregory D. Emerson	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: GE	Firm: CAS	Firm:	Firm:	Firm:	Firm:
Date/Time: 3.7.07 / 2:00pm	Date/Time: 3-8-07 9:25	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Cooler Receipt And Preservation Check Form

Project/Client GE-Pittsfield Submission Number _____

Cooler received on 3-8-07 by: KE **COURIER:** CAS UPS (FEDEX) VELOCITY CLIENT

1.	Were custody seals on outside of cooler?	(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:	2.7°				
	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: 3-8-07 @ 9:55

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: CJ 3/8/07

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	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO_3						
≤2	H_2SO_4						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

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: 07003	Airbill Number:
City/State/Zip: Pittsfield, MA 01201	Sampler Name(s): SEAN C. COYLE	
Telephone: (413) 494-6709	NPDES Permit #: MA0003891	Date Shipped: 3-7-07
Facsimile: (413)494-7052		
Contact Name: Sean Coyle	Quote #: 10/05 Client Code: GEPITTS	Hand Delivered: ☒ Yes ☐ No

SAMPLE IDENTIFICATION	COLLECTION DATE	COLLECTION TIME	GRAB	COMPOSITE	MATRIX	ANALYSIS (detection limits, mg/L)	VOLUME/CONTAINER TYPE/ PRESERVATIVE: NUMBER OF CONTAINERS 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 / Glass / 40 mL	4°C HNO_3 / Plastic / 0.5 L
Outfall Composite A7035C	3/7/07	10 50 AM		X	Effluent	*Daphnia pulex* 48-h Static Acute Toxicity (EPA Method 2021.0). Log in for A48DPS	1					
Outfall Composite A7035C	3/7/07	10 50 AM		X	Effluent	Total Residual Chlorine					1	
Housatonic River A7036R	3/7/07	7 45 AM	X		Receiving	Dilution Water	1					
Housatonic River A7036R	3/7/07	7 45 AM	X		Receiving	Total Residual Chlorine					1	

Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
C. Coyle	3/7/07	12:10 pm	
Relinquished by: *(signature)*	DATE	TIME	Received by: *(signature)*
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: 10 °C. Dechlorinate the effluent sample if chlorine is detected.

DRY WEATHER ACCUTE TOXICITY FOR MARCH 07

3/7/2007

ACUTE AQUATIC TOXICITY COMPOSITE

Month: MAR
Week: 2
Fiscal Wk: 10
Weather: DRY

COLLECTION TIME:		Gallons/Day	Ml in Composite	Percent of Composite
8:06 AM	001	2,370	232.68	2.12%
	004	0	-	0.00%
	007	0	-	0.00%
7:00 AM	64T	5,643	554.01	5.04%
7:00 AM	64G	104,030	10,213.31	92.85%
	09A	0	-	0.00%
	09B	0	-	0.00%
		112,043	11000	100.00%

The Acute Toxicity Composite was made today by SEAN C. COYLE @ 10:50AM
according to the table above, and given the sample ID# A8035C.

Chain-of-Custody Form Number: ~~[illegible]~~ 5854
Analysis: DRY ACCUTE TOXICITY COMP.
~~Location~~ TIME: 10:50AM Date: 3.7.07
Sample Label Serial Number A 8035C

[signature]
Signed

3-7-07
Date